

Addendum I

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

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

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

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

The following example illustrates the changes :-

September 2002

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

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Epicentral Estimates

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

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

Error Ellipses - The keywords have been shortened.

Observational Data

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

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

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

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

Station magnitude estimate - computed by the ISC.

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

Addendum II

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

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

Addendum III

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

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

2020 MAY

1

AFAD 01:00:24:25.8,35:15N:27:94E,h8km,2km,MW3.7
IDC 01:00:24:26.2,4,35:27N:28:07E,h0km,m3,4/1
mbmp3,3/5,ML2,7/4,Error ellipse: s-maj=96.3km
s-min=22.7km az=160.0
ISK 01:00:24:26.4,35:12N:28:01E,h4km,ML3.0/11
ATH 01:00:24:29.4,35:14N:27:99E,h12km,4km,ML3.0/8
Latitude uncertainty: 2 km; Longitude uncertainty: 1 km
GII 01:00:24:30.7,0.0,34:961N,0.003:27:994E,0.0/01,
h0km,Mws3.3,confirmed
ISC 01:00:24:27.2,1.5,35:12N:0.003:27:99E,0.03,h3km,12km,
n85,01528/121,Dodecanese Islands

Table with columns: Code, Station Name, Delta A, Delta AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like KARP, ARG, ZKR, etc.

Table with columns: Code, Station Name, Delta A, Delta AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like DMDM, PSMG, TRN, etc.

Table with columns: Code, Station Name, Delta A, Delta AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like SALTA, AF01, etc.

Table with columns: Code, Station Name, Delta A, Delta AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like PB02, AC01, etc.

1d 1h

FUNV 01:00:58:57.7,11:08N,61:87W,h116km,MW3.6,Presumed
earthquake
TRN 01:00:58:58.4,11:05N:62:01W,h107km,MD3.1,North
of the Paria peninsula.
ISC 01:00:58:58.7,4.1,11:10N:0.09:61:87W,0.3,h113km,23km,
n13,0657/25,Windward Islands

1d 1h

Table of station data for the first half of the day (1d 1h). Columns include call sign, name, frequency, power, and other technical details.

2020 MAY

Main table of station data for May 2020. Columns include call sign, name, frequency, power, and other technical details.

Table of station data for the second half of the day (2). Columns include call sign, name, frequency, power, and other technical details.

IDC 01 01:07:41.8:3.1, 21.27Sx176.81W, h285km, 29km, mb3.9/4, mbmp4.5/6, Error ellipse: s-maj=32.0km s-min=24.1km

NEIC 01 01:07:50.9:1.9, 20.2S:0.2:177.27W:0.09, h360km, 8km, mb4.4/17, Error ellipse: s-maj=25.4km s-min=11.1km

ISC 01 01:07:49.7:0.7, 20.3S:0.2:177.32W:0.09, h350km, n31, 0.92Z/29, mb4.2/13, 2D, Fiji Islands region

Table of station data for the second half of the day (2), including various call signs and technical specifications.

IDC 01 01:10:37.4:3.9, 9.20:25Sx169.65E, h94km, 32km, mb3.8/9, mbmp4.2/11, MS2.9/4, Error ellipse: s-maj=28.3km

NEIC 01 01:10:37.9:1.0, 20.1S:0.1:169.7E:0.1, h92km, 6km, mb4.5/15, Error ellipse: s-maj=21.2km s-min=13.4km

NOU 01 01:10:40.4:2.0, 18S:169.26E, h0km, MLV4.9/10, Vanuatu Islands

ISC 01 01:10:37.5:0.5, 20.17S:0.08:169.71E:0.08, h100km, n80, 0.12Z/82, mb4.4/18, 3C, Vanuatu Islands

Table of station data for the second half of the day (2), including various call signs and technical specifications.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various data points for stations like STKA, WRA, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various data points for stations like SIJI, WRA, ASAR, STKA, etc.

Table with columns: CNBA, Station Name, Azimuth, Phase ID, Time, Res, and various data points for stations like VNKR, WNSG, WNSV, etc.

CATAC 01:01:32:27.5:0.4, 10°N, 83°7'9"W, h14km, M3.2/9, mB6.5/1, MLv3.2/9, Mw(mB)6.2/1, Error ellipse: s-maj=6.5km

UPA 01:01:32:31.8:0.4, 9°19'N, 78°45'W, h40km, mB6km, MW3.0, Presumed earthquake

RSNC 01:01:32:47.3:0.0, 9°N, 6°8'0"W, h36km, M3.3km, M2.8, ML2.5

ISC 01:01:32:28.3:1.4, 10°15'N, 07°50'W, 0.03, h35km, m2.3, Az=237.1D, North America

WEL 01:02:13:10.6:10.0, 32°S, 77°17'9"E, 12°10, h447km, 131km, M3.8/4, mB4.0/3, ML3.8/7, MLv4.0/3, Mw(mB)3.1/4, Error ellipse: s-maj=173.7km, s-min=67.2km, az=117.6

Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various data points for stations like GLKZ, MXZ, WNGZ, etc.

IDC 01:02:30:42.5:8.3, 6.65S, 152°57'E, h283km, 54km, mb2.9/3, mBmt3.6/4, Error ellipse: s-maj=101.1km

s-min=36.9km, az=102.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various data points for stations like PMG, WRA, ASAR, MKAR, etc.

IDC 01:01:39:59.4:10.0, 5.70S, 150°64'E, h0km, mb3.5/3, mBmt3.6/3, MS3.0/1, Error ellipse: s-maj=166.4km

s-min=94.7km, az=19.0, Error ellipse: s-maj=166.4km

IDC 01:02:48:56.0:7.5, 22°17'S, 170°30'E, h130km, 47km, mb3.5/2, mBmt3.8/3, MS2.4/1, Error ellipse: s-maj=117.6km

s-min=51.0km, az=161.0, NOU 01:02:48:56.5:21.7'S, 170°07'E, h0km, MLv4.5/10, Southeast of Loyalty Islands

NEIC 01:02:48:56.2:1.5, 21°55.0', 170°2E:0.1, h110km, 10km, mb4.4/7, Error ellipse: s-maj=17.7km, s-min=15.7km, az=160.0

ISC 01:02:48:54.1:3.1, 21°55.0', 170°37E:0.10, h100km, n25, Az=133/30, mb4.2/7, D, South of Loyalty Islands

1d 4h

Table of station data for the first 4 hours, including columns for station name, frequency, power, and other technical details.

2020 MAY

Main table of station data for May 2020, listing various stations and their operational parameters.

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Table of station data for the 5th and 6th hours, continuing the list of stations and their details.

IDC 01 04:10:22.9.2.1, 6.29S-151.86E, h0km, mb4.0/4, mbtmp, 1/4, Error ellipse: s-maj=133.5km s-min=27.0km az=130.0, New Britain region

Table of station data for the IDC 01 04:10:22.9.2.1 event, showing station names, coordinates, and signal strength.

IDC 01 04:15:16.2.1.6, 5.85S-146.69E, h0km, mb3.6/3, mbtmp3.6/5, ML3.3/1, MS2.9/1, Error ellipse: s-maj=56.8km s-min=27.0km az=118.0

Table of station data for the IDC 01 04:15:16.2.1.6 event, detailing station information and reception data.

SVSA 01 04:33:41.7.1.4, 3.66S-80N-24.08W, h15km, ML3.7(INMG), Error ellipse: s-maj=9.3km s-min=6.9km az=54.0, #DIST_RANGE: LOCAL #IPMA REGION: Falha da Gloria

Table of station data for the SVSA 01 04:33:41.7.1.4 event, listing stations and their signal characteristics.

IDC 01 04:33:40.5.2.2, 37.0N-02-24.19W, 0.09, h17km-15km, n18, -0.87/24, mb3.5/4, 1C-2D, Azores Islands region

Table of station data for the IDC 01 04:33:40.5.2.2 event, providing a comprehensive list of stations and their reception details.

1d 4h

Table with columns for station ID, name, elevation, frequency, power, status, and coordinates. Includes stations like Kodiak Island, King Salmon, Queen of Sheba, etc.

2020 MAY

Table with columns for station ID, name, elevation, frequency, power, status, and coordinates. Includes stations like North Rim, Sidner, Strandline Lak, etc.

Table with columns for station ID, name, elevation, frequency, power, status, and coordinates. Includes stations like Koyuk River, Koyuk River, Maple Canyon, etc.

ANMO Albuquerque	84.96	51	P	Iamb	05 07 19.7 +1.7
ANMO				Iamb	05 07 20.9
comp=Z,31nm,1.6s					
ANMO Albuquerque	84.96	51	Iamb	Iamb	05 07 21.1
comp=Z,24nm,0.5s					
ANMO Albuquerque	84.96	51	i P	Pmax	05 07 20.0 +1.9
ANMO				Pmax	
comp=Z,16nm,1.5s					
ANMO Albuquerque	84.96	51	P	P	05 07 19.8 +1.7
F18K Selawik	85.06	7	P	P	05 07 17.4 -0.1
comp=Z,197,SNR=6.9					
HDA Harding Lake	85.07	13	P	P	05 07 17.7 -0.1
comp=Z,209,SNR=41					
N30M Aishikik Lake	85.08	18	P	P	05 07 18.4 +0.5
comp=Z,218,SNR=7.5					
L27K Beaver Creek,	85.09	15	Iamb	Iamb	05 07 18.5 +0.6
comp=Z,13nm,0.8s					
L27K Beaver Creek,	85.09	15	P	P	05 07 18.5 +0.6
comp=Z,214,SNR=14					
BCAR Beaver Creek A	85.11	15	P	P	05 07 18.4 +0.5
H21K Melozitna Rive	85.11	10	Iamb	Iamb	05 07 18.4 +0.5
comp=Z,54nm,1.8s					
H21K Melozitna Rive	85.11	10	P	P	05 07 18.0 +0.1
comp=Z,203,SNR=14					
WHY Whitehorse	85.13	19	P	P	05 07 19.2 +1.0
comp=Z,220,SNR=15					
DLBC Dease Lake	85.14	23	P	P	05 07 19.6 +1.4
comp=Z,11nm,0.7s,baz=207,slow=5.7,SNR=39					
comp=Z,11nm,0.7s					
DLBC Dease Lake	85.14	23	P	P	05 07 18.9 +0.6
comp=Z,224,SNR=12					
ENH Enshi	85.24	30	Iamb	Iamb	05 07 20.8
comp=Z,26nm,1.0s					
I23K Minto, Yukon-K	85.25	11	P	P	05 07 18.1 -0.5
comp=Z,206,SNR=9.2					
E17K Hotham Inlet	85.29	6	P	P	05 07 18.6 -0.1
comp=Z,195,SNR=13					
COLA College	85.30	12	P	P	05 07 18.4 -0.4
COLA College	85.30	12	P	P	05 07 18.6 -0.2
COLA College	85.30	12	i P	Pmax	05 07 18.4 -0.4
COLA				Pmax	
comp=Z,45nm,0.9s					
COLA College	85.30	12	P	P	05 07 18.0 -0.8
COLA				pP	05 08 40.5 -2.7
SCRK Sand Creek	85.35	14	Iamb	Iamb	05 07 20.6
comp=Z,14nm,0.8s					
SCRK Sand Creek	85.35	14	P	P	05 07 19.6 +0.4
comp=Z,212,SNR=22					
ILAR Eielson Array	85.40	12	P	P	05 07 19.1 -0.3
comp=Z,11nm,0.5s,baz=225,slow=5.4,SNR=227					
comp=Z,11nm,0.5s					
ILAR Eielson Array	85.40	12	P	P	05 07 18.9 -0.5
P33M Teslin, Yukon	85.46	20	P	P	05 07 20.4 +0.6
comp=Z,222,SNR=7.7					
M29M Somme Creek	85.47	17	Iamb	Iamb	05 07 21.5
comp=Z,14nm,0.8s					
M29M Somme Creek	85.47	17	P	P	05 07 20.3 +0.4
comp=Z,217,SNR=15					
N31M Braeburn, Yuko	85.49	19	P	P	05 07 20.8 +0.9
comp=Z,219,SNR=8.4					
R33M Jennings River	85.49	22	Iamb	Iamb	05 07 22.4
comp=Z,211,1.1s					
R33M Jennings River	85.49	22	P	P	05 07 21.2 +1.1
comp=Z,224,SNR=9.9					
F19K Shaleuicik Mo	85.50	8	P	P	05 07 19.5 -0.2
comp=Z,198					
H22K Ishaltina Cre	85.57	10	Iamb	Iamb	05 07 21.4
comp=Z,20nm,0.7s					
H22K Ishaltina Cre	85.57	10	P	P	05 07 20.4 +0.3
comp=Z,204,SNR=27					
J25K Salcha River,	85.59	13	P	P	05 07 20.4 0.0
comp=Z,210					
POKR Poker Plat Res	85.60	12	P	P	05 07 19.6 -0.7
comp=Z,208					
ZEA Zey	85.65	33	eP	P	05 07 21.1 +0.3
ZEA				Pmax	
comp=N,10.0nm,1.0s					
ZEA				Pmax	
comp=Z,10.0nm,1.5s					
E18K Tukpahlearik C	85.75	6	Iamb	Iamb	05 07 22.8
comp=Z,9.1nm,0.6s					
E18K Tukpahlearik C	85.75	6	P	P	05 07 20.9 0.0
comp=Z,198					
D17K Noatak River	85.78	5	P	P	05 07 21.6 +0.5
comp=Z,193					
G21K Allakaket	85.80	9	Iamb	Iamb	05 07 22.8
comp=Z,36nm,1.7s					
G21K Allakaket	85.80	9	P	P	05 07 21.5 +0.2
comp=Z,202,SNR=11					
H23K Yukon River	85.83	11	P	P	05 07 21.0 -0.4
comp=Z,206					
K27K Chicken	85.84	15	Iamb	Iamb	05 07 23.5
comp=Z,15nm,1.0s					
SNOW Snow King Moun	85.88	42	Iamb	Iamb	05 07 25.4
comp=Z,32nm,1.4s					
F22A 4UR Ranch, Cre	85.90	48	Iamb	Iamb	05 07 25.7
comp=Z,16nm,1.0s					
S20K Avarart Lake	85.98	8	Iamb	Iamb	05 07 23.5
comp=Z,21nm,1.6s					
F20K Avarart Lake	85.98	8	P	P	05 07 22.3 +0.2
comp=Z,203					
O20A White River Ci	85.98	46	Iamb	Iamb	05 07 25.0
comp=Z,9.7nm,0.9s					
M30M Minto, Yukon	86.05	17	P	P	05 07 23.0 +0.4
comp=Z,218,SNR=30					
N32M Quiet Lake	86.08	20	Iamb	Iamb	05 07 24.8
comp=Z,18nm,0.8s					
N32M Quiet Lake	86.08	20	P	P	05 07 23.7 +0.9
comp=Z,222					
L29M L29M	86.10	17	P	P	05 07 23.7 +0.9
comp=Z,17,SNR=34					
H24K Noodor Dome	86.15	12	P	P	05 07 24.0 +1.0
comp=Z,208					
C16K Lisburne Hills	86.16	4	P	P	05 07 23.3 +0.4
comp=Z,191					
E19K Redstone River	86.17	8	Iamb	Iamb	05 07 24.1
comp=Z,11nm,0.7s					
E19K Redstone River	86.17	8	P	P	05 07 23.4 +0.4
comp=Z,199					
FLWY Flag Ranch	86.21	41	Iamb	Iamb	05 07 27.2
comp=Z,24nm,1.1s					
SAND Sanderson	86.27	57	Iamb	Iamb	05 07 27.6
comp=Z,20nm,0.9s					
MNHN Monahans	86.30	56	Iamb	Iamb	05 07 27.6
comp=Z,34nm,1.5s					
PDAR Pinedale Array	86.31	43	P	P	05 07 25.8 +1.2
comp=Z,3.8nm,0.6s,baz=219,slow=3.2,SNR=53					
comp=Z,3.8nm,0.6s					
PDAR Pinedale Array	86.31	43	P	P	05 07 25.2 +0.7
PRP Porcupine Dome	86.34	13	Iamb	Iamb	05 07 25.7
comp=Z,13nm,0.6s					
PRP Porcupine Dome	86.34	13	P	P	05 07 23.9 -0.2
comp=Z,212,SNR=22					
BILL Bilibino	86.37	354	P	P	05 07 24.4 +0.5
BILL Bilibino	86.37	354	eP	Pmax	05 07 23.8 -0.1
BILL				Pmax	
comp=Z,39nm,1.3s					
BILL Bilibino	86.37	354	P	P	05 07 23.5 -0.4
BOZ Bozeman (W)	86.38	40	Iamb	Iamb	05 07 27.5
comp=Z,19nm,0.9s					
H17A Grant Village	86.44	41	Iamb	Iamb	05 07 29.1
comp=Z,5.9nm,0.9s					
F21K Alatina River	86.46	9	P	P	05 07 24.9 +0.5
comp=Z,202					
M31M Drury Creek, Y	86.47	19	P	P	05 07 24.8 +0.2
comp=Z,220,SNR=5.7					
G22K Bettles	86.49	10	P	P	05 07 25.0 +0.6
comp=Z,204					
C17K DeLong Mountai	86.53	5	P	P	05 07 25.0 +0.3
comp=Z,193					
G23K Bananza Creek	86.54	10	P	P	05 07 25.2 +0.3
comp=Z,206					
I26K Coal Creek Min	86.67	14	Iamb	Iamb	05 07 27.1
comp=Z,14nm,1.2s					
I26K Coal Creek Min	86.67	14	P	P	05 07 25.9 +0.4
comp=Z,212					
ODSA Odessa	86.77	55	Iamb	Iamb	05 07 29.9
comp=Z,21nm,1.2s					
K29M Barlow Dome	86.85	16	Iamb	Iamb	05 07 28.4
comp=Z,19nm,0.7s					
K29M Barlow Dome	86.85	16	P	P	05 07 27.2 +0.7
comp=Z,218,SNR=15					
C18K Utukok River	86.87	6	P	P	05 07 26.4 0.0
comp=Z,195					
G24K John River	86.92	9	P	P	05 07 26.8 +0.2
comp=Z,204					
F22K Hadweenciv Riv	86.99	11	P	P	05 07 26.6 -0.4
comp=Z,208					

D19K Kuna River	87.05	7	Iamb	Iamb	05 07 28.1
comp=Z,8.9nm,0.7s					
D19K Kuna River	87.05	7	P	P	05 07 27.0 -0.2
comp=Z,198					
E20K Nigu River	87.06	8	P	P	05 07 27.4 +0.1
comp=Z,200					
YNE Yellowstone No	87.09	41	Iamb	Iamb	05 07 31.4
comp=Z,24nm,0.9s					
HILR Hallar Array B	87.11	324	P	P	05 07 28.6 +0.6
comp=Z,11nm,0.6s,baz=161,slow=6.3,SNR=5.2					
J29N Klondike Camp	87.16	16	Iamb	Iamb	05 07 29.9
comp=Z,12nm,0.8s					
J29N Klondike Camp	87.16	16	P	P	05 07 28.9 +1.0
comp=Z,217,SNR=10					
XAN Xi'an	87.17	307	P	Pmax	05 07 29.5 +0.9
XAN				Pmax	
comp=Z,36nm,1.0s					
I27K Kandik River	87.27	14	Iamb	Iamb	05 07 29.8
comp=Z,28nm,2.0s					
I27K Kandik River	87.27	14	P	P	05 07 28.7 +0.3
comp=Z,214					
FYU Fort Yukon	87.31	12	Iamb	Iamb	05 07 29.4
comp=Z,7.8nm,0.6s					
G25K Bearman Lake	87.31	12	P	P	05 07 29.0 +0.6
comp=Z,210					
MSTX Muleshoe	87.33	53	Iamb	Iamb	05 07 31.9
comp=Z,16nm,0.8s					
D20K Etivluk River	87.43	7	Iamb	Iamb	05 07 30.1
comp=Z,15nm,0.9s					
D20K Etivluk River	87.43	7	P	P	05 07 29.2 +0.2
comp=Z,200					
OZNA Ozona	87.43	57	Iamb	Iamb	05 07 32.5
comp=Z,14nm,0.8s					
C19K Lookout Ridge	87.47	6	Iamb	Iamb	05 07 30.4
comp=Z,6.2nm,0.7s					
C19K Lookout Ridge	87.47	6	P	P	05 07 29.6 +0.4
comp=Z,197					
E21K Killik River	87.52	8	Iamb	Iamb	05 07 30.3
comp=Z,10nm,0.8s					
E21K Killik River	87.52	8	P	P	05 07 29.4 0.0
comp=Z,202					
I28M Miner Creek	87.54	15	Iamb	Iamb	05 07 31.9
comp=Z,25nm,1.6s					
I28M Miner Creek	87.54	15	P	P	05 07 29.5 -0.2
comp=Z,21,SNR=8.7					
E22K Anaktuvuk Pass	87.55	9	Iamb	Iamb	05 07 30.8
comp=Z,15nm,0.8s					
E22K Anaktuvuk Pass	87.55	9	P	P	05 07 29.8 +0.2
comp=Z,204					
RLMT Red Lodge	87.61	41	Iamb	Iamb	05 07 33.6
comp=Z,19nm,0.8s					
Q24A Divide	87.61	48	Iamb	Iamb	05 07 33.6
comp=Z,18nm,1.3s					
F24K Squaw Lake	87.64	11	Iamb	Iamb	05 07 31.5
comp=Z,14nm,0.6s					
F24K Squaw Lake	87.64	11	P	P	05 07 30.4 +0.4
comp=Z,208,SNR=42					
MMPY Sheldon Lake,	87.75	19	Iamb	Iamb	05 07 32.9
comp=Z,34nm,1.3s					
J30M Hart River	87.75	16	P	P	05 07 31.3 +0.6
comp=Z,219,SNR=6.0					
SGCY Sterling City	87.81	56	Iamb	Iamb	05 07 34.5
comp=Z,8.9nm,0.8s					
H27K Steamboat Moun	87.81	14	P	P	05 07 31.6 +0.7
comp=Z,214,SNR=8.0					
E23K Chandalar	87.83	10	Iamb	Iamb	05 07 32.3
comp=Z,2nm,0.8s					
E23K Chandalar	87.83	10	P	P	05 07 31.4 +0.4
comp=Z,206					
833A Chaparral WMA,	87.88	60	Iamb	Iamb	05 07 35.9
comp=Z,18nm,0.8s					

2020 MAY

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like Vads, HAMF, LVZ, ARAO, etc.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like BR131, BRTR, BRTR, etc.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like LESA, SOKA, PERS, KBA, etc.

1d 6h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, KURK Kurchatov, TKMK Tokmak 2, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NEIC 01, RSPR 01, CUPR Culebra, Puerto, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like OCAC Prado, PRAC Prado, RUSC La Rusia, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PRSN Puerto Rico Se, LSP Las Mesas, LSP Las Mesas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRER Koryakskii, KRX Arik, KRX Arik, etc.

IDC 01 06:27:58.0 1.4, 41.33N, 137.95E, h0km, mb3.6/2, mbmp3.6/4, ML3.4/2, MS2.5/3, Error ellipse: s-maj=37.9km

IDC 01 07:04:44.3 0.3, 54.61N, 161.32E, h0km, mb5.2/37, mbmp5.2/38, ML5.5/1, MS4.1/80, Error ellipse: s-maj=11.5km

IDC 01 07:04:49.2 54.72N, 161.11E, h48km, mb5.0/23, mb4.9/63, MS4.7/63, MS7.4/56

JMA 01 06:28:01.1 0.5, 41.14N, 137.08E, h43km, MV4.0/39, EASTERN SEA OF JAPAN

IDC 01 07:04:50.5 54.74N, 161.65E, h42km, GCMT 01 07:04:53.3 0.2, 54.38N, 161.97E, 0.02, h44km, MW5.0/102, Moment Tensor Solution, s92, c133;

IDC 01 07:04:50.0 0.3, 54.46N, 161.58E, 0.03, h143km, mb4km, h44km, P/N1207, t1929/1232, mb5.3/118, MS4.3/118, 78C-48D, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JOSH Okushiri-Mats, JOSH Okushiri-Mats, JOHM Oshimamatsume, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HUMP Col San Antonio, HUMP Col San Antonio, HUMP Col San Antonio, etc.

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

NNC 01 06:53:58.0 3.8, 43.43N, 87.79E, h20km, 18km, mb3.5, mpv3.1, 6C-5D, Error ellipse: s-maj=23.4km

IDC 01 07:04:50.0 0.3, 54.46N, 161.58E, 0.03, h143km, mb4km, h44km, P/N1207, t1929/1232, mb5.3/118, MS4.3/118, 78C-48D, Near east coast of Kamchatka Peninsula

IDC 01 07:04:50.0 0.3, 54.46N, 161.58E, 0.03, h143km, mb4km, h44km, P/N1207, t1929/1232, mb5.3/118, MS4.3/118, 78C-48D, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, MAK2 Makanchi, MAK3 Makanchi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKZ Mys Kozlova, MKZ Mys Kozlova, TUMD Tumrok D, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SMY Shemya, SMY Shemya, MA2 Magadan, etc.

RSPR 01 07:03:19.7 19.11N, 67.79W, h28km, 24km, MD3.6/16, NEIC 01 07:03:21.2 2.1, 18.92N, 0.04, 67.53W, 0.1, h10km, 2km, ML3.3/37, MD3.6/16(RSPR), Error ellipse: s-maj=6.2km

IDC 01 07:04:50.0 0.3, 54.46N, 161.58E, 0.03, h143km, mb4km, h44km, P/N1207, t1929/1232, mb5.3/118, MS4.3/118, 78C-48D, Near east coast of Kamchatka Peninsula

IDC 01 07:04:50.0 0.3, 54.46N, 161.58E, 0.03, h143km, mb4km, h44km, P/N1207, t1929/1232, mb5.3/118, MS4.3/118, 78C-48D, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDE Isla Desecheo, IDE Isla Desecheo, IDE Isla Desecheo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKZ Mys Kozlova, MKZ Mys Kozlova, TUMD Tumrok D, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SMY Shemya, SMY Shemya, MA2 Magadan, etc.

1d 7h									
YSS	comp=N,700nm,15.0s		MLR	MLR					
YSS	comp=E,600nm,14.0s		MLR	MLR					
YSS	14.07 245	eP							
YUZH	Yuzh-Kurilsk	P	Pn		07 08 09.8	-3.4			
YUK	Yuzh-Kurilsk	P	Pn		07 08 11.2	-2.4			
ATKA	Atka Island	14.63 89	P	Pn	07 08 12.9	-1.1			
ATKA	Atka Island	14.63 89	P	Pn	07 08 14.4	+0.5			
GRNR	Gorny	15.69 267	pP		07 08 32.0	+0.8			
GRNR	comp=Z,2.0nm,0.6s		pmax	pmax					
GRNR	comp=E,510nm,14.0s		MLR	MLR					
GRNR	comp=N,500nm,22.0s		MLR	MLR					
GRNR	comp=Z,480nm,21.0s		MLR	MLR					
SJA	Saint Paul Is	16.01 69	P	P	07 08 33.8	-0.9			
KPIA	Kamikawa-asashi	16.08 238	Pn	IAMB	07 08 33.4	+0.5			
JKA	Asahikawa	16.09 238	P	pmax	07 08 33.4	+0.5			
ASAJ	Asahikawa	16.09 238	P	pmax	07 08 33.4	+0.5			
GAMB	Gambell	16.46 45	P	Pn	07 08 37.9	+0.5			
GAMB	Gambell	16.46 45	P	Pn	07 08 39.8	+0.3			
JEM	Erimo	17.41 232	P	Pn	07 08 46.8	-2.7			
M11K	Mekoryuk	18.20 58	P	Pn	07 08 59.9	+0.9			
M11K	Mekoryuk	18.20 58	P	Pn	07 09 01.3	+2.3			
YAK	Yakutsk	18.25 307	P	P	07 08 59.2	-0.2			
YAK	comp=Z,412nm,0.7s,baz=78,slow=2.0,SNR=43		LR	LR	07 16 21.5				
YAK	comp=Z,937nm,21.9s,baz=102,slow=39		P	P	07 08 59.3	-0.1			
YAK	Yakutsk	18.25 307	eP	P	07 08 58.6	-0.8			
YAK	Yakutsk	18.25 307	eS	Sn	07 12 20.3	-1.9			
YAK	comp=Z,545nm,1.1s		pmax	pmax					
YAK	comp=N,35nm,1.0s		pmax	pmax					
YAK	comp=E,95nm,1.1s		pmax	pmax					
YAK	comp=E,196nm,2.5s		smax	smax					
YAK	comp=N,169nm,1.9s		MLR	MLR					
YAK	comp=N,952nm,24.0s		MLR	MLR					
YAK	comp=E,1µm,26.0s		MLR	MLR					
YAK	comp=Z,1µm,27.0s		MLR	MLR					
YAK	Yakutsk	18.25 307	eP	P	07 08 59.2	-0.2			
TEY	Ternei	18.60 250	eP	Pn	07 09 04.9	+0.9			
TEY	comp=N,50nm,0.7s		pmax	pmax					
TEY	comp=E,140nm,0.7s		pmax	pmax					
TEY	comp=Z,90nm,0.7s		pmax	pmax					
UNV	Unalaska Valle	18.62 79	Pn	Pn	07 09 04.2	0.0			
UNV	Unalaska Valle	18.62 79	P	Pn	07 09 04.2	0.0			
UNV	Unalaska Valle	18.62 79	P	Pn	07 09 06.6	+2.4			
TNA	Tin City	18.64 41	P	Pn	07 09 05.8	+1.5			
AKUT	Akutan	18.97 78	P	Pn	07 09 08.4	0.0			
AKUT	Akutan	18.97 78	P	Pn	07 09 08.7	+0.4			
KLR	Kul'dur	19.07 266	P	Pn	07 09 09.2	-0.4			
KLR	comp=Z,56nm,0.6s,baz=63,slow=10,SNR=83		PcP	PcP	07 13 11.8	+0.4			
KLR	comp=Z,8.6nm,0.7s,baz=61,slow=2.2,SNR=6.2		LR	LR	07 17 16.3				
KLR	comp=Z,806nm,18.7s,baz=68,slow=40		P	Pn	07 09 09.7	+0.1			
KLR	Kul'dur	19.07 266	eP	pmax					
K13K	Kusilivak Mount	19.11 53	P	Pn	07 09 10.0	0.0			
K13K	Kusilivak Mount	19.11 53	P	Pn	07 09 10.6	+0.6			
F14K	Arctic Creek	19.23 42	P	Pn	07 09 12.3	+1.0			
ANN	Nome	19.34 45	P	Pn	07 09 13.1	+0.4			
ANN	Nome	19.34 45	P	Pn	07 09 13.1	+0.4			
ANN	comp=Z,29nm,0.9s		pmax	pmax					
JTM	Tenmabayashi	19.35 233	P	S	07 09 09.0	-2.6			
JTM	Tenmabayashi	19.35 233	S	Sn	07 12 49.5	+0.6			
JTM	Dall Lake	19.35 233	S	Sn	07 12 49.5	+0.6			
M13K	Dall Lake	19.35 58	P	IAMB	07 09 22.4				
M13K	Dall Lake	19.61 58	P	Pn	07 09 17.4	+1.4			
J14K	Nanvaranak Lak	19.74 51	P	Pn	07 09 17.3	-0.1			
F15K	North Star Dit	19.96 42	P	Pn	07 09 20.8	+0.7			
L14K	Kuka Creek	19.99 55	P	Pn	07 09 18.4	0.0			
L14K	Kuka Creek	19.99 55	P	Pn	07 09 20.8	+0.4			
ZEA	Zeya	20.03 282	eP	P	07 09 18.4	-0.5			
ZEA	comp=E,30nm,0.9s		pmax	pmax					
ZEA	comp=N,20nm,0.7s		pmax	pmax					
ZEA	comp=Z,60nm,0.8s		MLR	MLR					
ZEA	comp=E,300nm,13.0s		MLR	MLR					
FALS	False Pass	20.13 75	P	Pn	07 09 22.8	+0.7			
FALS	False Pass	20.13 75	P	Pn	07 09 22.5	+0.4			
M14K	Bethel	20.31 57	P	IAMB	07 09 23.1	-1.1			
M14K	Bethel	20.31 57	P	Pn	07 09 23.6				
M14K	Bethel	20.31 57	P	Pn	07 09 24.3	+0.1			
N14K	Kuskokwak Cree	20.44 60	P	IAMB	07 09 24.1	+0.8			
N14K	Kuskokwak Cree	20.44 60	P	IAMB	07 09 26.3				
N14K	comp=Z,93nm,0.9s		P	Pn	07 09 25.3	-0.4			
L15K	Ungalak Mounta	20.59 51	P	Pn	07 09 27.0	-0.5			
K15K	Wolf Creek Mou	20.61 53	P	IAMB	07 09 26.8	-1.0			
K15K	Wolf Creek Mou	20.61 53	P	IAMB	07 09 28.5				
K15K	comp=Z,101nm,0.9s		P	Pn	07 09 27.2	-0.6			
H16K	Elim	20.66 46	P	Pn	07 09 27.3	-1.0			
C16K	Lisburne Hills	20.67 35	P	P	07 09 26.7	+1.0			
O14K	Tiguykaiuvet M	20.68 62	P	Pn	07 09 27.5	-1.0			
G16K	Koyuk River	20.79 44	P	P	07 09 28.2	+1.2			
M15K	Kasigluk River	20.93 57	P	P	07 09 30.2	-1.4			
J16K	Anvik River	21.15 50	P	P	07 09 32.5	+1.6			
HEH	Heihe	21.15 273	eP	pP	07 09 28.9	-2.2			
HEH	Heihe	21.15 273	pP	pP	07 09 36.6	-5.1			
HEH	comp=Z,30nm,1.2s		pmax	pmax					
HEH	comp=Z,440nm,15.9s		LR	LR					
HEH	comp=Z,850nm,16.3s		LR	LR					
HEH	comp=Z,1µm,17.0s		LR	LR					
I17K	Unalakleet	21.19 49	P	P	07 09 33.0	+1.7			
D17K	Noatak River	21.22 38	P	P	07 09 32.5	+0.8			

N15K	Kwethluk River	21.24 59	P	P	07 09 34.0	+2.1			
RDOG	Red Dog Mine	21.41 37	P	IAMB	07 09 34.5	+0.7			
RDOG	comp=Z,61nm,0.8s		IAMB	IAMB	07 09 38.1				
RDOG	Red Dog Mine	21.41 37	P	P	07 09 34.7	+1.0			
O15K	Ungalitikhiuk R	21.42 62	P	P	07 09 33.4	-0.4			
O15K	Ungalitikhiuk R	21.42 62	P	P	07 09 35.0	+1.1			
E17K	Hotham Inlet	21.47 40	P	P	07 09 35.9	+1.6			
C17K	DeLong Mountai	21.48 36	P	P	07 09 35.5	+1.0			
F17K	Baldwin Pennin	21.50 41	P	P	07 09 36.0	+1.3			
G17K	Kiwalik Mounta	21.51 44	P	P	07 09 35.9	+1.2			
L16K	Owhat River	21.54 55	P	P	07 09 36.1	+0.9			
USRK	Ussuriysk Ar.	21.69 254	P	P	07 09 36.3	-0.5			
USRK	comp=Z,9.7nm,0.5s,baz=53,slow=12,SNR=22		PcP	PcP	07 13 37.4	+1.0			
H17K	Granite Mounta	21.70 46	P	IAMB	07 09 37.9	+1.1			
H17K	comp=Z,96nm,0.8s		IAMB	IAMB	07 09 40.9				
H17K	Granite Mounta	21.70 46	P	P	07 09 38.4	+1.6			
M16K	Timber Creek	21.78 57	P	P	07 09 39.4	+1.6			
J17K	VABM Dome	21.84 50	P	P	07 09 40.0	+1.6			
N16K	Nishlik Lake	21.89 58	P	P	07 09 40.2	+1.4			
S14K	Fog Glacier	21.97 69	P	P	07 09 41.5	+1.7			
E18K	Tukpahlearik C	22.03 39	P	P	07 09 41.6	+1.3			
K17K	Iditarod	22.14 52	P	IAMB	07 09 42.2	+0.7			
K17K	comp=Z,131nm,0.9s		IAMB	IAMB	07 09 45.7				
K17K	Iditarod	22.14 52	P	P	07 09 42.7	+1.1			
F18K	Selawik	22.16 42	P	P	07 09 42.9	+1.2			
C18K	Utukok River	22.22 36	P	P	07 09 43.1	+0.6			
TIXI	Tiksi	22.23 33	LR	LR	07 19 09.1				
TIXI	comp=Z,818nm,21.7s,baz=139,slow=39		IAMB	IAMB	07 10 01.3				
TIXI	Tiksi	22.23 333	eP	pmax	07 09 42.3	-0.1			
TIXI	comp=Z,86nm,0.8s		pmax	pmax					
O16K	Kokwok River B	22.27 60	P	P	07 09 43.1	+0.1			
CHNA	Chernabura Isl	22.28 73	P	P	07 09 44.5	+1.4			
CHNA	Chernabura Isl	22.28 73	P	P	07 09 43.9	+0.8			
P16K	Nushagak River	22.38 62	P	P	07 09 44.9	+0.8			
H18K	Hothos River	22.38 46	P	P	07 09 45.2	+1.0			
M17K	Holitna River	22.52 55	P	P	07 09 46.3	+0.7			
CHGN	Chignik	22.59 69	P	P	07 09 46.0	-0.3			
CHGN	Chignik	22.59 69	P	P	07 09 47.1	+0.8			
N17K	Nushagak Hills	22.67 58	P	P	07 09 47.1	-0.1			
N17K	Nushagak Hills	22.67 58	P	P	07 09 47.7	+0.5			
O17K	Koiganek Bris	22.76 60	P	P	07 09				

ILAR	baz=273,SNR=11	27.23	47	P	P	07 10 29.7	-0.2
ILAR	comp=Z,25nm,0.8s, baz=264,slow=8.0,SNR=240			PcP		07 13 47.7	-0.4
ILAR	comp=Z,6.8nm,0.8s, baz=287,slow=3.3,SNR=18			LR	LR	07 21 51.8	
SCM	comp=Z,280nm,19.1s, baz=256,slow=38			P	P	07 10 30.4	+0.3
G25K	baz=25nm,0.8s	27.50	54	P	P	07 10 32.6	+0.7
D25K	baz=278,SNR=39	27.52	43	P	P	07 10 32.4	0.0
P23K	Kavik River	27.57	58	P	P	07 10 32.6	+0.2
P23K	baz=264	27.57	58	P	P	07 10 32.2	-0.2
F25K	Montague Island	27.72	41	P	P	07 10 34.4	+0.6
E25K	Christian Rive	27.72	41	P	P	07 10 34.4	+0.1
E25K	Arctic Village	27.77	40	P	P	07 10 35.1	+0.9
PRP	Arctic Village	27.77	40	P	P	07 10 34.5	+0.1
PRP	Porcupine Dome	27.77	46	Iamb	Iamb	07 10 36.7	
PRP	Porcupine Dome	27.77	46	P	P	07 10 34.8	+0.4
K24K	comp=Z,7.7nm,1.1s	27.78	49	P	P	07 10 33.7	-0.6
M24K	Porcupine Dome	27.80	53	P	P	07 10 35.2	+0.6
FYU	Tolsona, Glenn	27.87	43	P	P	07 10 35.4	+0.4
FYU	Fort Yukon	27.87	43	Iamb	Iamb	07 10 37.7	
J25K	comp=Z,5.1nm,0.9s	27.89	47	P	P	07 10 34.4	-1.0
HIN	Salcha River	27.93	57	P	P	07 10 35.3	-0.4
HIN	baz=274,SNR=22	27.93	57	Iamb	Iamb	07 10 36.9	
SNY	Shenyang	27.96	259	UP	S	07 10 30.4	-5.7
SNY	comp=Z,9.0nm,1.0s			S	Pmax	07 15 37.1	+2.0
SNY	comp=Z,8.1nm,5.8s			Pmax	Pmax		
SNY	comp=N,590nm,15.7s			LR	LR		
SNY	comp=E,470nm,16.6s			LR	LR		
PAX	comp=Z,780nm,16.2s	28.01	51	P	P	07 10 36.8	+0.3
PAX	Paxson	28.01	51	P	P	07 10 36.8	+0.3
PAX	comp=Z,14nm,0.9s	28.01	51	P	Pmax	07 10 35.8	-0.6
KLU	baz=277,SNR=12	28.01	54	P	P	07 10 36.7	+0.2
BMAR	Klutina	28.12	41	P	P	07 10 37.6	+0.2
C26K	Burnt Mountain	28.14	36	P	P	07 10 38.4	+1.0
RIDG	Camden Bay	28.20	49	P	P	07 10 37.6	-0.5
HARP	Independent Ri	28.23	52	P	P	07 10 38.8	+0.5
EYAK	HAARP	28.23	56	P	P	07 10 39.0	+0.4
EYAK	baz=278,SNR=9.6	28.27	56	P	P	07 10 38.8	+0.2
F26K	Cordova Ski Ar	28.30	41	P	P	07 10 39.9	+1.0
JMN	Cordova Ski Ar	28.42	234	Iamb	Iamb	07 10 40.7	+0.4
JMN	Monobe	28.42	234	Iamb	Iamb	07 10 45.2	
G26K	comp=Z,3.1nm,0.8s	28.42	234	P	P	07 10 41.5	+1.2
C27K	Monobe	28.44	42	P	P	07 10 41.0	+0.9
KS19	Porcupine Rive	28.53	37	P	P	07 10 41.4	+0.5
SCRK	baz=271,SNR=8.1	28.53	247	P	P	07 10 41.4	0.0
KSRS	Wonju Array S1	28.55	49	P	P	07 10 40.8	-0.6
KSRS	Sand Creek	28.55	247	P	P	07 10 42.0	+0.8
KSRS	baz=276,SNR=50	28.55	247	P	P	07 13 52.1	+0.4
KSRS	Korea Array	28.57	247	P	P	07 10 42.0	+0.8
KSRS	comp=Z,9.1nm,0.7s, baz=40,slow=9.1,SNR=29			PcP	PcP	07 13 52.1	+0.4
KSRS	comp=Z,6.5nm,0.7s, baz=2.7,slow=2.4,SNR=13			LR	LR	07 21 44.7	
N25K	comp=Z,350nm,20.0s, baz=70,slow=96	28.62	54	P	P	07 10 42.5	+0.6
BMRM	Chitina, Valde	28.73	55	P	P	07 10 43.4	+0.5
I26K	Bremner River	28.78	46	P	P	07 10 43.9	+0.7
MENT	Coal Creek Min	28.80	51	P	P	07 10 44.3	+0.8
L26K	baz=275	28.80	51	P	P	07 10 46.2	+1.4
KAIM	Montasta	29.05	57	P	P	07 10 46.6	+0.9
M26K	Legs Cabin Wild	29.22	52	P	P	07 10 48.6	+1.4
E27K	baz=279,SNR=9.9	29.26	40	P	P	07 10 48.1	+0.7
G27K	Kayak Island	29.28	43	P	P	07 10 48.6	+0.9
H27K	M26K	29.37	44	P	P	07 10 49.9	+1.4
I27K	Nabesna, AK	29.39	45	P	P	07 10 49.2	+0.5
MCARA	baz=280	29.40	54	P	P	07 10 49.5	+0.8
D27M	McCarrh VSAT	29.48	38	P	P	07 10 50.0	+1.6
CRQE	Malcolm River	29.50	55	P	P	07 10 50.9	+1.1
L27K	Cirque	29.64	50	P	P	07 10 52.1	+1.2
M27K	Beaver Creek	29.74	52	P	P	07 10 53.3	+1.4
F28M	Edge Creek, AK	29.93	41	P	P	07 10 54.5	+1.1
JTU	Old Crow	30.00	242	P	P	07 10 55.0	+0.8
E28M	Tsushima	30.01	39	P	P	07 10 54.7	+0.6
I28M	Babbage River	30.10	45	P	P	07 10 55.6	+0.5
MESA	Miner Creek	30.19	56	P	P	07 10 57.2	+1.2
BVCY	baz=285,SNR=8.0	30.20	51	P	P	07 10 57.0	+1.2
D28M	Beaver Creek	30.28	37	P	P	07 10 56.7	+0.4
CTG	Stokes Point	30.29	54	P	P	07 10 58.0	+1.2
JNU	Chitna Glacier	30.36	238	LR	LR	07 24 07.3	
JNU	Nakatsue	30.36	238	LR	LR	07 10 57.9	+0.3
JNU	comp=Z,45nm,0.9s	30.36	238	Iamb	Iamb	07 10 59.5	+0.3
YUK3	Nakatsue	30.62	53	P	P	07 10 58.2	+0.6
E29M	Moose Creek	30.62	39	P	P	07 10 59.5	+0.7
H29M	Blow River	30.65	44	P	P	07 11 00.9	+1.1
G29M	Whitestone	30.71	42	P	P	07 11 01.5	+1.2
I29M	baz=273,SNR=49	30.79	45	P	P	07 11 01.5	+0.5
OC28M	Pine Creek	30.82	215	LR	LR	07 21 40.5	
YUK8	Ogilvie Camp	30.95	53	P	P	07 11 03.6	+0.8
J29N	baz=279,SNR=48	30.98	47	P	P	07 11 02.9	+0.2
DL2	Chichijima	31.02	256	P	P	07 10 59.5	-3.7
DL2	Mount Upton			S	S	07 15 58.0	-6.9
DL2	comp=Z,30nm,1.2s			Pmax	Pmax		
DL2	comp=Z,75nm,9.1s			Pmax	Pmax		
DL2	comp=Z,800nm,18.1s			LR	LR		

DL2	comp=Z,420nm,18.1s			LR	LR		
DL2	comp=Z,900nm,18.2s			LR	LR		
PINM	Pinacle	31.03	56	P	P	07 11 04.2	+0.9
BRWY	Burwash Landin	31.27	53	P	P	07 11 06.3	+0.9
M29M	baz=286,SNR=16	31.28	51	P	P	07 11 06.9	+1.4
L29M	Somme Creek	31.28	50	P	P	07 11 07.2	+1.8
EPYK	L29M	31.29	43	P	P	07 11 06.1	+0.7
K29M	Eagle Plains	31.39	48	P	P	07 11 07.0	+0.5
G30M	baz=282,SNR=98	31.40	42	P	P	07 11 07.1	+0.7
YUK4	TAoh Zrai Nji	31.46	53	P	P	07 11 08.2	+1.0
F30M	Yuk4	31.49	41	P	P	07 11 08.3	+1.2
I30M	Talbot Ar	31.61	45	P	P	07 11 08.9	+0.5
YUK6	baz=285,SNR=25	31.70	54	P	P	07 11 10.1	+0.8
J30M	Outpost Mounta	31.76	46	P	P	07 11 09.7	0.0
O29M	Harri River	31.78	55	P	P	07 11 11.1	+1.3
JSU	Mount Kennedy	31.89	237	P	P	07 11 12.2	+1.2
M30M	Suzuyama	32.00	50	P	P	07 11 13.0	+1.3
HYT	Minto, Yukon	32.14	54	P	P	07 11 14.4	+1.4
N30M	Haines Junctio	32.15	52	P	P	07 11 14.0	+0.9
G31M	Aishikik Lake	32.17	42	P	P	07 11 13.2	+0.2
INK	Satah River	32.25	39	P	P	07 11 14.7	+1.0
F31M	Inuvik	32.29	41	P	P	07 11 14.7	+0.6
H31M	TSighehtchic	32.34	44	P	P	07 11 15.2	+0.5
P30M	Peel River	32.60	55	P	P	07 11 18.4	+1.4
N31M	Million Dollar	32.75	52	P	P	07 11 19.9	+1.6
O30M	Braeburn, Yuko	32.82	53	P	P	07 11 20.4	+1.6
PLBC	Mendenhall	32.83	56	P	P	07 11 22.6	+1.3
M31M	Pleasant Camp	33.18	50	P	P	07 11 23.8	+1.8
WHY	Drury Creek, Y	33.42	53	P	P	07 11 26.2	+2.0
SKAG	Whitehorse	33.60	55	P	P	07 11 27.6	+2.0
SKAG	baz=288,SNR=49	33.60	55	P	P	07 11 27.9	+2.3
S31K	Skagway	33.69	58	P	P	07 11 27.8	+1.5
R31K	Skagway	33.76	57	P	P	07 11 28.5	+1.5
ULN	Pelican	34.06	282f	eP	Pmax	07 11 30.2	+0.2
ULN	City Hall, Gus	34.06	282	P	P	07 11 29.2	-0.8
ULN	Ulanbatar	34.07	290	LR	LR	07 26 33.3	
TLY	comp=Z,3.0nm,0.8s	34.07	290f	eP	Pmax	07 11 28.7	-1.2
TLY	Ulanbatar	34.07	290	LR	LR	07 26 33.3	
N32M	Talaya	34.09	52	P	P	07 11 30.9	+0.9
P32M	Quiet Lake	34.32	55	P	P	07 11 33.4	+1.4
R32K	Atlin	34.41	57	P	P	07 11 34.5	+1.7
SONM	Eaglecrest	34.46	282	P	P	07 11 31.9	-1.4
SONM	Songino Array	34.67	50f	P	P	07 14 08.6	+0.9
SONM	comp=Z,16nm,0.8s, baz=66,slow=1.9,SNR=18			PcP	LR	07 26 51.5	
JIS	comp=Z,333nm,19.7s, baz=117,slow=39	34.68	57	P	P	07 11 35.4	+2.2
SIT	Juneau Island	34.68	59	P	P	07 11 35.0	+1.7
SIT	Sitka	34.68	59	P	P	07 11 35.4	+2.1
SIT	Sitka	34.68	59	P	P	07 11 35.5	+1.7
S32K	baz=293,SNR=9.4	34.69	58	P	P	07 11 36.9	+1.9
H11N2	Teslin, Yukon	34.71	171	T	T	07 48 45.9	
H11N3	Kilinoe	34.72	171	T	T	07 48 46.6	
Q32M	WAKE ISLAND Hy	34.92	171	T	T	07 48 46.4	
NR1K	baz=355,slow=76,SNR=8832	35.25	55	P	P	07 11 42.5	+2.4
NR1K	WAKE ISLAND Hy	35.31	324	P	P	07 11 38.1	-2.1
NR1K	Nakina River	35.31	324	P	P	07 14 10.8	+1.2
NR1K	baz=292,SNR=16	35.31	324	P	P	07 27 30.7	
NR1K	comp=Z,4.7nm,0.7s, baz=86,slow=12,SNR=4.6			PcP	PcP	07 11 38.6	-1.7
NR1K	comp=Z,1.1nm,18.1s, baz=69,slow=39			dP	Pmax		
C36M	comp=Z,6.0nm,0.9s	35.42	36	P	P	07 11 41.8	+0.6
TIA	Paulatuk	35.45	258	P	P	07 11 40.0	-1.9
TIA	baz=284,SNR=95	35.45	258	P	P	07 11 55.3	+1.6
TIA	Taian			P	P		
TIA	comp=Z,18nm,0.6s			LR	LR		
TIA	comp=Z,500nm,18.1s			LR	LR		
TIA	comp=Z,350nm,18.1s			LR	LR		
TIA	comp=Z,840nm,19.1s			LR	LR		
MOY	MOY	35.53	291	eP	Pmax	07 11 41.8	-0.8
HHC	comp=Z,16nm,2.4s	35.55	268	eP	P	07 11 44.8	+2.0
HHC	Hu-ho-hao-te	35.55	268	eP	P	07 13 05.4	+1.5
HHC	baz=291	35.55	268	S	S	07 17 14.4	-1.0
HHC	SS	35.55	268	SS	SSnS	07 19 34.0	-4.2
HHC	Pmax			Pmax	Pmax		
HHC	comp=Z,23nm,0.5s			LR	LR		
HHC	comp=Z,63nm,4.0s			LR	LR		
HHC	comp=Z,360nm,14.4s			LR	LR		
HHC	comp=Z,330nm,14.2s			LR	LR		
R33M	comp=Z,420nm,15.1s	35.70	54	P	P	07 11 46.4	+2.4
T33K	Jennings River	35.77	59	P	P	07 11 46.8	+2.4
U33K	Petersburg	35.98	60	P	P	07 11 48.6	+2.4
HNS	Whale Pass	36.01	261	UP	UP	07 11 48.5	-1.1
HNS	baz=296	36.01	261	P	P	07 14 13.3	+1.1
HNS							

17	BLSS	Blasjo	64.72 346	eP	P	07 15 22.9 -0.2
	BLSS				I Amb	07 15 23.7
	PMG	Port Moresby	64.78 196	eP	P	07 15 24.9 +1.0
	PMG				LR	07 38 05.5
	PMG	Port Moresby	64.78 196	eP	P	07 15 24.8 +1.0
	PMG				pm ax	
	NACGM	Naroch	64.83 333	eP	P	07 15 23.7 -0.2
	MNK	Minsk	64.90 332	i LRM	MLR	07 47 14.5
	MNK	Minsk	64.90 332	i P	P	07 15 23.3 -0.9
	MNK	Minsk	64.90 332	i PP	pP	07 15 39.5 +2.5
	MNK	Minsk	64.90 332	i SS	SS	07 17 46.4 -0.3
	MNK	Minsk	64.90 332	i S	S	07 24 00.4 -1.6
	MNK	Minsk	64.90 332	i SS	SS	07 24 28.3 +5.0
	MNK	Minsk	64.90 332	i S	S	07 25 12.4
	MNK	Minsk	64.90 332	i SS	SS	07 28 13.8 +0.8
	MNK	Minsk	64.90 332	i LRM	MLR	
	MNK	Minsk	64.90 332	i P	P	07 15 23.3 -0.9
	MNK	Minsk	64.90 332	i P	P	07 15 23.3 -0.9
	MNK	Minsk	64.90 332	i P	P	07 15 23.3 -0.9
	MNK	Minsk	64.90 332	i PP	pP	07 19 39.5 +2.5
	MNK	Minsk	64.90 332	i PPP	PPP	07 19 18.9
	MNK	Minsk	64.90 332	i S	S	07 24 00.4 -1.6
	MNK	Minsk	64.90 332	i SS	SS	07 24 28.3 +5.0
	MNK	Minsk	64.90 332	i S	S	07 25 12.4
	MNK	Minsk	64.90 332	i SS	SS	07 28 13.8 +0.8
	MNK	Minsk	64.90 332	i LRM	MLR	
	MNK	Minsk	64.90 332	i LRM	MLR	07 46 44.7
	KMY	Karmoy	65.09 347	eP	P	07 15 25.7 +0.3
	TJOU	Tjoens	65.23 343	i P	P	07 15 26.6 +0.1
	BORU	Boraas	65.43 342	i P	P	07 15 27.3 -0.3
	SBUM	Sibu	65.52 236	i P	P	07 15 30.0 +1.2
	SBUM	Sibu	65.52 236	i P	P	07 15 30.7 +1.9
	HOMB	Homborsund	65.53 345	eP	P	07 15 28.4 +0.1
	HOMB				I Amb	07 15 29.4
	HOMB	Homborsund	65.53 345	i P	P	07 15 27.9 -0.3
	SNART	Snartemo	65.56 345	i P	P	07 15 29.3 +0.2
	SNART	Snartemo	65.56 345	i P	P	07 15 29.3 +0.2
	ONAU	Onsala	65.81 343	i P	P	07 15 29.3 -0.7
	DEL	Delary	66.33 341	i P	P	07 15 33.0 -0.4
	SUL	Suwalki	66.56 335	eP	P	07 15 34.2 -0.8
	GOET	G?7trup	66.60 344	i P	P	07 15 35.8 +0.7
	GOET				I Amb	07 15 36.8
	BJUU	Bjuv	66.86 341	i P	P	07 15 37.0 +0.1
	MMSI	Mamuju	66.98 227	i P	P	07 15 38.9 +0.7
	MUD	Monsted U'grmd	67.17 344	i P	P	07 15 38.0 -0.8
	MUD				I Amb	07 15 39.9
	LUNU	Lund	67.20 341	i P	P	07 15 38.9 -0.1
	COP	Copenhagen	67.34 342	i P	P	07 15 40.7 +0.9
	COP				I Amb	07 15 41.0
	BSD	Bornholm Skovb	67.40 340	i P	P	07 15 40.3
	BSD				I Amb	07 15 41.2
	MCD	Coleburn Disti	67.63 351	eP	P	07 15 41.9 +0.1
	MCD				I Amb	07 15 43.1
	SPSI	Sidrap Palu	67.77 226	P	P	07 15 43.8 +0.7
	HRA	Herat	67.78 298	P	P	07 15 43.1 -0.2
	HRA				I Amb	07 15 45.0
	AK23	Malin Array Si	67.86 330	P	P	07 15 42.1 -1.2
	AK03	Malin Array Si	67.86 330	P	P	07 15 41.7 -1.6
	MAK	Makhachkala	67.88 314	eP	P	07 15 42.2 -1.3
	MAK				e PPP	07 15 57.8 +1.5
	MAK				e SP	07 16 05.0 +3.7
	MAK				e SS	07 19 51.8
	MAK				e SS	07 24 36.2 -2.3
	MAK				e SS	07 25 04.5 +4.4
	MAK				e SS	07 29 02.3 +2.5
	MAK				pm ax	
	AKASG	Malin Array Be	67.88 330	P	P	07 15 42.0 -1.4
	AKASG				LR	07 49 17.6
	AKBB	Malin Array Si	67.88 330	eP	P	07 15 41.0 -2.4
	AKBB	Malin Array Si	67.88 330	i P	P	07 15 41.6 -1.8
	KIEV	Kiev	67.89 330	i P	P	07 15 42.7 -0.8
	KIEV	Kiev	67.89 330	i P	P	07 15 41.5 -2.0
	KIEV	Kiev	67.89 330	i P	P	07 15 41.8 -1.7
	AK01	Malin Array Si	67.90 330	P	P	07 15 41.9 -1.6
	AK20	Malin Array Si	67.91 330	P	P	07 15 42.2 -1.4
	AK18	Malin Array Si	67.91 330	P	P	07 15 42.2 -1.4
	AK15	Malin Array Si	67.92 330	P	P	07 15 42.2 -1.3
	GOF	Goftsoyke	67.97 318	eP	P	07 15 42.2 +0.1
	RNP9	Gopitsch	68.20 332	P	P	07 15 44.0 -1.4
	DRUM	Mains of Drumt	68.23 351	eP	P	07 15 45.2 -0.2
	DRUM				I Amb	07 15 46.1
	RGN	Rugen	68.25 341	eP	P	07 15 46.4 +0.8
	RGN				e P	07 15 46.4 +0.8
	RNP8	Varash	68.28 332	P	P	07 15 45.1 -0.8
	RNP5	Staryi Chortor	68.37 332	P	P	07 15 45.9 -0.5
	SADO	Sadova	68.50 42	LR	LR	07 46 02.0
	KAP1	Gorka Kiasztor	68.64 338	eP	P	07 15 48.5 +0.4
	KAP1	Kappang	68.72 225	P	P	07 15 49.3 +0.3
	KAP1				I Amb	07 15 48.2 -0.8
	KAP1				I Amb	07 15 51.1
	KAP1	Kappang	68.72 225	P	P	07 15 50.4 +1.4
	KAP1	Kappang	68.72 225	eP	P	07 15 49.7 +0.7
	KAP1				pm ax	
	KAP1				pm ax	
	KAP1	Kappang	68.72 225	P	P	07 15 51.0 +2.0
	KAP1	Kappang	68.72 225	eP	P	07 15 49.0 -0.3
	KAP1				I Amb	07 15 50.3
	AKT	Akty	69.00 313	eP	P	07 15 49.9 -0.8
	AKT				e PP	07 16 05.6 -2.9
	AKT				e	07 16 13.1
	AKT				e	07 18 22.6
	AKT				pm ax	
	AKT				pm ax	
	AKT				MLR	07 15 48.6 -1.9
	LUBAR	Lubar, Ukraine	69.01 330	P	P	07 15 48.6 -1.9
	KVAR	Kislovodsk Arr	69.03 317	LR	LR	07 49 53.2
	KIV	Kislovodsk	69.03 317	P	P	07 15 51.2 +0.3
	KIV	Kislovodsk	69.03 317	eP	P	07 15 51.1 +0.3
	KIV				pm ax	
	KIV				MLR	
	KIV				MLR	
	KIV				P	07 15 50.9 +0.1

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EAB	Aberfoyle	69.11 352	eP	P	07 15 51.0 0.0	
EAB					I Amb	07 15 52.0
LAWE	Loch Awe, Argy	69.12 352	eP	P	07 15 51.5 +0.5	
LAWE					I Amb	07 15 52.4
KBZ	Khabaz	69.14 317	P	P	07 15 51.8 +0.5	
KBZ					LR	07 50 04.5
KBZ					LR	07 50 04.5
BEL	Belsk	69.14 335	eP	P	07 15 52.0 +0.8	
LABN	Labinsk	69.22 319	eP	P	07 15 50.5 -1.4	
LABN					e PP	07 16 04.7 +0.1
LABN					e S	07 24 51.5 -2.9
LABN					pm ax	
LABN					MLR	
SHA1	Shidzhmaz	69.22 317	d P	P	07 15 52.3 +0.1	
EDI	Edinburgh	69.27 351	eP	P	07 15 51.8 -0.1	
EDI					I Amb	07 15 53.0
TXAR		69.30 68	P	P	07 15 54.0 +1.3	
TXAR					LR	07 15 53.1 +0.3
TXAR					LR	07 15 53.1 +0.3
DELO	Deloro Mine	69.31 41	I Amb	I Amb	07 15 51.4 -1.1	
DELO					I Amb	07 15 52.5
BSEG	Bad Segeberg	69.39 342	eP	P	07 15 53.4 +0.7	
BBKI	Banjir Baru	69.47 231	P	P	07 15 54.9 +1.2	
PGBU	Gilgiffraes	69.49 352	eP	P	07 15 53.4 +0.1	
PGBU					I Amb	07 15 55.3
LPIG		69.68 77	LR	LR	07 42 03.4	
EKA	Eskdalemuir Ar	69.85 351	P	P	07 15 56.0 +0.4	

1d 7h

Table with columns: ID, Name, Time, Status, and other details. Includes entries like MEM Membach, BTNL Ternell, KHK Kasperske Hory, etc.

2020 MAY

Table with columns: ID, Name, Time, Status, and other details. Includes entries like BR105 Keskin Array S, BR104 Keskin Array S, MDUB Mudurnu, etc.

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Table with columns: ID, Name, Time, Status, and other details. Includes entries like PCAS Casimio, PCBR Caselo Branco, PSARD Sardoal, etc.

NOU 01/07/08:23.8, 37:67'S: 176:25E, h338km, mb3.9/10, North Island, New Zealand
WEL 01/07/08:23.9, 39°S, 177°E, h288km, 8km, M3.7/106, ML2.57, MLV3.7/106, Error ellipse: s-maj=11.1km s-min=7.4km az=33.8
ISC 01/07/08:23.21, 19.377'S, 01:176:31E, 008, h332km, 11km, n169, s1910/174, North Island
Code Station Name Az AzZ Phase ID Time Res
OPRZ Taurangi 0.08 211 P ISC 07 08 05.5 +0.7
OPRZ Chinapeana 0.27 134 P P 07 08 05.4 +0.3
OPRZ S S 07 09 35.7 -2.8
KMRZ Kaimai 0.35 237 P P 07 09 06.1 +0.9
KARZ Kanarua 0.37 189 P Pn 07 09 05.8 +0.7
MARZ Manawaha 0.43 199 P Pn 07 09 05.9 +0.6
OMRZ Omania 0.45 174 P Pn 07 09 07.1 +1.3
OMRZ S S 07 09 37.8 -1.3
UTU Uthunia 0.53 190 P Pn 07 09 06.5 +1.0
EDRZ Edgcombe 0.56 143 P Pn 07 09 06.3 +0.7
HLRZ Highlands Stat 0.59 177 P Pn 07 09 06.6 +0.9
THRZ Mount Tararua 0.60 165 P Pn 07 09 06.5 +0.8
TOZ Tahuroa Road 0.65 263 P Pn 07 09 07.1 +1.3
RRRZ Republican Roa 0.70 167 P Pn 07 09 06.6 +0.6
RRRZ S S 07 09 37.6 -2.6
HRRZ Handcock Road 0.73 182 P Pn 07 09 06.9 +0.8
PRRZ Plateau Road 0.84 176 P Pn 07 09 07.1 +0.7
WRRZ Whakapapatarin 0.87 188 P Pn 07 09 07.4 +0.5
URZ Urewera 0.87 134 P S 07 09 06.9 +0.4
URZ S S 07 09 37.3 -3.8
MUZ Murupara 0.89 156 P Pn 07 09 07.2 +0.6
ALRZ Alien Road 0.90 179 P Pn 07 09 07.5 +0.8

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h	m	s	ISC
TLZ	Tolley Road	0.91 223	P	Pn	07 09 08.0 +1.3					
KUTZ	Kaahu Road	0.92 205	P	Pn	07 09 07.7 +1.0					
POIZ	Poihipi	1.00 193	P	Pn	07 09 08.2 +1.2					
WHZ	Whakaora	1.04 195	P	Pn	07 09 08.5 +1.2					
MKAZ	Moumakai	1.07 301	P	Pn	07 09 08.7 +1.3					
RTZ	Ruatatana	1.09 151	P	Pn	07 09 08.7 +1.3					
RUGZ	Raukumara Rang	1.12 106	P	Pn	07 09 07.7 +0.1					
WATZ	Wairara	1.14 203	P	Pn	07 09 08.8 +1.1					
HAZ	Te Kaha	1.17 95	P	Pn	07 09 08.2 +0.4					
MWZ	Matawai	1.17 125	P	Pn	07 09 08.7 +0.9					
MRHZ	Maatea Rd	1.18 176	P	Pn	07 09 08.5 +0.8					
RAGZ	Rawiri	1.21 233	P	Pn	07 09 08.5 +0.8					
MTHZ	Maungataniwha	1.26 161	P	Pn	07 09 09.2 +0.9					
WIAZ	Waiheke Island	1.28 312	P	Pn	07 09 09.4 +1.0					
RATZ	Rangitukia	1.28 199	P	Pn	07 09 09.2 +0.9					
ETAZ	East Tamaki Re	1.31 305	P	Pn	07 09 09.7 +1.1					
RHZ	Rihia Road	1.36 102	P	Pn	07 09 10.0 +1.2					
RAHZ	Arahi	1.40 154	P	Pn	07 09 10.4 +1.4					
KATZ	Kakaramea	1.40 200	P	Pn	07 09 10.0 +0.9					
PKGZ	Pakihoro	1.42 99	P	Pn	07 09 10.4 +1.3					
TWVZ	Tauwharepara	1.42 112	P	Pn	07 09 10.4 +1.3					
HIZ	Hautiti	1.43 233	P	Pn	07 09 10.3 +1.2					
NHZ	Hautiti	1.43 233	P	Pn	07 09 10.5 +1.4					
MBAZ	Motutapu North	1.44 308	P	Pn	07 09 10.3 +1.0					
TKGZ	Te Karaka	1.44 123	P	Pn	07 09 10.4 +1.2					
AWAZ	Awhitu Peninsula	1.46 294	P	Pn	07 09 10.7 +1.4					
NMHZ	Naumai	1.49 165	P	Pn	07 09 11.3 +1.8					
BKZ	Black Stump Fm	1.51 175	P	Pn	07 09 10.8 +0.5					
BLKZ	Black Stump Fm	1.51 175	P	Pn	07 09 10.8 +0.5					
NTVZ	North Tongariri	1.52 199	P	Pn	07 09 10.8 +1.0					
KRVZ	Karewarewa	1.53 200	P	Pn	07 09 10.8 +1.0					
TMVZ	Te Maari	1.53 198	P	Pn	07 09 10.8 +1.0					
RIGZ	Rimuhau	1.55 133	P	Pn	07 09 11.3 +1.5					
ETVZ	East Tongariri	1.55 133	P	Pn	07 09 11.3 +1.5					
WTVZ	West Tongariri	1.56 201	P	Pn	07 09 10.9 +0.9					
GRZ	Great Barrier	1.56 334	P	Pn	07 09 10.7 +0.7					
WTAZ	Waiaatarua	1.57 297	P	Pn	07 09 11.5 +1.5					
TWVZ	Tauwarea	1.57 206	P	Pn	07 09 10.9 +0.9					
ABAZ	Army Bay	1.59 311	P	Pn	07 09 11.4 +1.3					
MKAZ	Matakaoa Point	1.59 87	P	Pn	07 09 11.2 +1.1					
MXZ	Matakaoa Point	1.59 87	P	Pn	07 09 11.2 +1.1					
OTVZ	Oturene	1.59 199	P	Pn	07 09 11.1 +0.9					
WHZ	Waihua	1.59 153	P	Pn	07 09 11.6 +1.5					
PUKZ	Puketiti	1.59 106	P	Pn	07 09 11.0 +0.9					
NGZ	Ngeruhoe	1.61 231	P	Pn	07 09 11.4 +1.0					
NGVZ	Ngauruhoe	1.61 239	P	Pn	07 09 11.9 +0.9					
RVAZ	Riverhead Bore	1.64 302	P	Pn	07 09 11.6 +1.1					
COVZ	Chateau Observ	1.65 201	P	Pn	07 09 11.5 +0.9					
WMGZ	Waiomatatini S	1.67 96	P	Pn	07 09 11.7 +1.1					
TUVZ	Tukino	1.69 198	P	Pn	07 09 11.8 +1.0					
AVZ	Arapoanu	1.70 200	P	Pn	07 09 11.9 +0.9					
FWVZ	Far West T-bar	1.71 200	P	Pn	07 09 11.9 +0.9					
CNGZ	Carnagh Station	1.71 119	P	Pn	07 09 12.5 +1.7					
MAVZ	Matangari	1.71 200	P	Pn	07 09 12.4 +1.2					
WHVZ	Whangaehu Hut	1.72 199	P	Pn	07 09 12.1 +0.9					
KNZ	Kohanga	1.73 142	P	Pn	07 09 12.1 +1.2					
TRVZ	Turua	1.73 142	P	Pn	07 09 12.9 +0.9					
WNVZ	Wahianoa	1.76 198	P	Pn	07 09 12.2 +0.9					
KWHZ	Kaweka Forest	1.77 177	P	Pn	07 09 12.5 +1.3					
PRGZ	Paritu Road	1.77 136	P	Pn	07 09 12.5 +1.3					
PKVZ	Pokaka	1.80 205	P	Pn	07 09 12.3 +0.8					
MOVZ	Mouwhango	1.80 194	P	Pn	07 09 12.3 +0.7					
MCHZ	McNeill Hill	1.81 186	P	Pn	07 09 13.1 +1.7					
BHZZ	Black Hill Sta	1.84 186	P	Pn	07 09 12.7 +0.9					
MTVZ	Mangateiti	1.85 201	P	Pn	07 09 12.8 +1.0					
VRZ	Vera Road	1.91 219	P	Pn	07 09 13.4 +1.3					
MHGZ	Mahia Peninsula	1.95 140	P	Pn	07 09 14.1 +1.7					
KRHZ	Kereri	1.97 199	P	Pn	07 09 13.9 +0.9					
CKHZ	Cape Kidnapper	2.02 164	P	Pn	07 09 15.1 +1.7					
KAHZ	Kahuranaki	2.18 169	P	Pn	07 09 15.9 +1.7					
PNHZ	Pukeni	2.25 182	P	Pn	07 09 15.7 +0.9					
DREZ	Durham Road	2.26 227	P	Pn	07 09 16.4 +1.6					
WCZ	Waipatu Caves	2.33 317	P	Pn	07 09 16.7 +1.2					
WAZ	Wanganui	2.34 129	P	Pn	07 09 16.2 +1.0					
LRZ	Lake Rotokare	2.34 219	P	Pn	07 09 16.9 +1.5					
NEZ	North Egmont	2.37 227	P	Pn	07 09 17.6 +1.8					
PRZ	Palmer Road	2.38 224	P	Pn	07 09 17.3 +1.5					
WPHZ	Waipukurau	2.41 178	P	Pn	07 09 17.2 +1.2					
PKZ	Pawamui	2.41 178	P	Pn	07 09 17.5 +1.6					
FKZ	Fakaofo	2.45 186	P	Pn	07 09 17.0 +0.9					
KHEZ	Kahui Hut	2.43 227	P	Pn	07 09 18.0 +1.7					
KHEZ	Kahui Hut	2.43 227	S	S	07 10 00.0 +1.1					
KHEZ	Kahui Hut	2.43 227	S	S	07 10 00.0 +1.1					
KHEZ	Kahui Hut	2.43 227	P	Pn	07 09 17.9 +1.7					
NMZ	Newall Road No	2.49 227	P	Pn	07 09 18.5 +0.9					
NMEZ	Namu Road	2.50 227	P	Pn	07 09 19.0 +1.5					
PRHZ	Porangahau	2.62 175	P	Pn	07 09 19.2 +1.5					
DVHZ	Dannevirke	2.64 182	P	Pn	07 09 18.8 +0.9					
OHVZ	Ohakea	2.66 197	P	Pn	07 09 19.4 +1.4					
POVZ	Post Office Ro	2.76 189	P	Pn	07 09 19.8 +0.8					
ANVZ	Angora Road	2.81 104	P	Pn	07 09 20.3 +0.9					
PRVZ	Poru Road	2.91 185	P	Pn	07 09 21.4 +1.2					
BFZ	Birch Farm	3.02 181	P	Pn	07 09 22.4 +1.1					
BFZ	Birch Farm	3.02 181	P	Pn	07 09 22.5 +1.2					
MRZ	Mangatainoka R	3.05 191	P	Pn	07 09 22.3 +0.6					
TWVZ	Timutoko	3.13 232	P	Pn	07 09 23.5 +1.8					
CPVZ	Castlepoint	3.23 182	P	Pn	07 09 25.3 +1.8					
OUZ	Omahuta	3.27 317	P	Pn	07 09 25.0 +1.1					
OGVZ	Otagi Gorge	3.28 195	P	Pn	07 09 24.4 +0.7					
HOWZ	Holdsworth Sta	3.29 191	P	Pn	07 09 24.4 +0.5					
KIW	Kapiti Island	3.38 198	P	Pn	07 09 25.3 +0.5					
TMWZ	Te Mata	3.46 205	P	Pn	07 09 26.5 +0.5					
MTW	Mout Morrison	3.55 190	P	Pn	07 09 26.9 +0.5					
CAW	Cannon Point	3.58 195	P	Pn	07 09 27.3 +0.5					
DUVZ	D'Urville Isla	3.65 210	P	Pn	07 09 27.6 +0.1					
TRVZ	Traveller	3.77 187	P	Pn	07 09 29.6 +0.9					
PAVZ	Parauw Farm	3.78 193	P	Pn	07 09 29.5 +0.7					
WEL	Wellington	3.81 198	P	Pn	07 09 30.7 +0.7					
MSWZ	Moika Station	3.84 192	P	Pn	07 09 29.9 +0.5					
TCW	Tory Channel	3.88 203	P	Pn	07 09 30.2 +0.3					
BHW	Baring Head	3.91 196	P	Pn	07 09 30.4 +0.3					
PLVZ	Palliser	3.99 191	P	Pn	07 09 31.6 +0.6					
TUWZ	Tuamarina	4.19 205	P	Pn	07 09 33.9 +0.8					
NMZ	Nelson	4.21 202	P	Pn	07 09 33.2 +0.2					
TKNZ	Takaka Hill	4.26 217	P	Pn	07 09 32.9 +0.9					
QRZ	Quartz Range	4.32 222	P	Pn	07 09 33.5 +0.9					
QRZ	Quartz Range	4.32 222	P	Pn	07 09 33.6 +0.9					
CMWZ	Cape Campbell	4.39 201	P	Pn	07 09 35.7 +0.4					
MRNZ	Matariki Serra	4.54 215	P	Pn	07 09 37.3 +0.8					
THZ	Topouse	4.87 212	P	Pn	07 09 40.2 +0.3					
KHZ	Kahutara	5.21 203	P	Pn	07 09 44.6 +0.4					
KHZ	Kahutara	5.21 203	P	Pn	07 09 44.7 +0.4					
DSZ	Dennistown Nort	5.36 219	P	Pn	07 09 45.1 +0.9					
GVZ	Greta Valley S	5.67 204	P	Pn	07 09 52.0 +0.2					
LTVZ	Lake Taylor	5.93 210	P	Pn	07 09 53.0 +0.2					
AMCZ	Amberley	6.18 206	P	Pn	07 09 55.5 +0.1					
INZ	Inchbonnie	6.28 215	P	Pn	07 09 56.2 +0.4					
OXZ	Oxford	6.53 209	P	Pn	07 09 58.9 +0.6					
KCZ	Kokains Bay	6.54 201	P	Pn	07 10 00.2 +0.6					
MOZ	McQueens Vall	6.72 202	P	Pn	07 10 01.3 +0.3					
AKCZ	Akaroa Harbour	6.84 206	P	Pn	07 10 02.1 +0.4					
RACZ	Rakaia	6.84 206	P	Pn	07 10 03.0 +0.1					
WHZ	Waitaha Valley	6.88 216	P	Pn	07 10 03.1 +0.5					
MHCZ	Mount Hutt	6.89 210	P	Pn	07 10 03.4 +0.4					
WACZ	Wakanui South	7.13 207	P	Pn	07 10 06.8 +0.2					
RPZ	Rata Peaks	7.25 212	P	Pn	07 10 07.3 +0.3					
RPZ	Rata Peaks	7.25 212	P	Pn	07 10 07.7 +0.3					
GCSZ	Gaunt Creek Bo	7.26 217	P	Pn	07 10 07.9 +0.3					
ARCZ	Arundel	7.39 210	P	Pn	07 10 09.5 +0.2					
FOZ	Fox Glacier	7.67 218	P	Pn	07 10 12.5 +0.5					
TMZ	Timaru	7.82 219	P	Pn	07 10 15.3 +0.4					
LBZ	Lake Benmore	8.16 213	P	Pn	07 10 18.3 +0.1					
ODZ	Otagua Downs	8.52 208	P	Pn	07 10 24.3 +1.1					
ODZ	Otagua Downs	8.52 208	P	Pn	07 10 24.3 +1.1					
WKZ	Wanaka	9.02 215	P	Pn	07 10 28.7 +0.6					
EAZ	Earnsclough	9.21 213	P	Pn	07 10 31.1 +0.4					

1d 9h

0.1nm,0.3s,baz=72,slow=24,SNR=2.9
I37NO I37NO 8.74 329 I I 09 56 40.0
baz=138,slow=328,SNR=2.9

NOU 01 09:11:58.9,21.41s:177.59W,h376km,mb4.5/18,Fiji Islands Region
NEIC 01 09:11:59.7,1.6,21.47s:0.09:177.8W,0.1,h382km,6km, mb4.4/185,Error ellipse: s-maj=14.3km s-min=12.6km az=56.0
IDC 01 09:12:00.7,1.9,21.39s:177.93W,h399km,19km, mb3.7/17,mbtpm4.5/20,Error ellipse: s-maj=16.0km s-min=11.6km az=101.0
ISC 01 09:11:59.9,0.3,21.52s:0.05:177.73W,0.06,h400km, n548,s129/508,mb4.4/12,38C-13D,Fiji Islands Region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Reg. Includes stations like LKBA, MSVF, MSV, DGTI, FUTU, RAO, etc.

20 MAY

Main table of station data with columns: MJAR, Matsushiro Arr, 71.18 324 P, 09 22 36.7 +0.1, etc. Includes stations like MJAR, BBJJ, YULB, NACB, etc.

20

Continuation of station data table with columns: K13K, Kusilvak Mount, 83.82 6 P, 09 23 45.7 +0.5, etc. Includes stations like O20K, L15K, BRSE, etc.

WAT1	Susitna Watana	87.18	13	P	P	09 24 01.1	-0.4
R32K	Eaglecrest	87.19	21	P	P	09 24 01.0	-0.7
MCARA	McCarthy VSAT	87.20	16	P	P	09 24 01.0	-0.6
H17K	Granite Mounta	87.27	7	P	P	09 24 00.8	-1.1
KTG	China Glacier	87.29	17	P	P	09 24 01.4	-0.8
CTH	Kantishna Hill	87.36	12	I	Amb	09 24 03.6	
J20K	Nowinta River	87.37	10	P	P	09 24 01.2	-1.2
TRF	Thorofore Moun	87.39	12	I	Amb	09 24 04.5	
TRF	Thorofore Moun	87.39	12	P	P	09 24 01.4	-1.3
TX31	Lajitas Ar. Si	87.39	57	P	I	09 24 05.5	+2.0
TX31	Lajitas Ar. Si	87.39	57	P	I	09 24 06.6	
TXAR	Lajitas Array	87.39	57	P	P	09 24 05.7	+2.2
TXAR	Lajitas Array	87.39	57	P	P	09 24 05.4	+2.0
CHUM	Lake Minchumin	87.41	11	P	P	09 24 01.7	-0.8
G16K	Koyuk River	87.44	6	P	P	09 24 02.0	-0.6
O28M	Mount Upton	87.44	17	P	P	09 24 02.3	-0.9
O29M	Mount Kennedy	87.52	18	P	P	09 24 02.2	-1.1
F15K	North Star Dit	87.53	5	P	P	09 24 02.4	-0.6
HARP	HAARP	87.55	15	P	P	09 24 02.7	-0.5
VNA2	Neumayer-Watz	87.56	177	↑	↑	09 24 03.1	-0.2
VNA2	Neumayer-Watz	87.56	177	↑	↑	09 33 48.3	-3.6
DHY	Denali Highway	87.65	13	P	P	09 24 02.7	-1.2
H18K	Honhosa River	87.67	8	P	P	09 24 03.3	-0.5
PV10	Paradox Valley	87.68	47	P	I	09 24 05.7	+0.9
PV10	Paradox Valley	87.68	47	P	I	09 24 06.3	
G17K	Kiwalik Mounta	87.73	7	P	P	09 24 03.4	-0.6
PV23	Carpenter Ridg	87.74	47	I	Amb	09 24 07.1	
VNA1	Neumayer-Stat	87.78	177	↑	↑	09 24 06.1	+1.8
ANMO	Albuquerque	87.84	51	P	I	09 24 06.8	+1.2
ANMO	Albuquerque	87.84	51	I	Amb	09 24 07.9	
SKAG	Skagway	87.85	20	P	P	09 24 04.8	+0.1
BPAW	Bear Paw Mtn.	87.85	11	P	P	09 24 04.8	+0.2
P30M	Million Dollar	87.86	19	P	P	09 24 03.3	-0.5
MCK	McKinley	87.91	12	I	Amb	09 24 06.9	
MCK	McKinley	87.91	12	P	P	09 24 04.6	-0.3
BCYI	Bear Canyon	87.95	40	I	Amb	09 24 50.2	
YUK8	Steele Glacier	87.98	17	P	P	09 24 05.4	-0.3
M26K	Nabesna, AK	88.07	15	P	P	09 24 06.0	+0.2
S34M	Telegraph Cree	88.10	23	P	P	09 24 06.5	+0.6
YUK3	Moose Creek	88.20	17	P	P	09 24 06.7	+0.1
H19K	Haines Junction	88.26	18	P	P	09 24 07.2	+0.4
BRWY	Burwash Landin	88.26	18	P	P	09 24 07.0	+0.4
H19K	Roundabout Mou	88.29	9	P	P	09 24 06.9	+0.3
M27K	Edge Creek, AK	88.32	16	P	P	09 24 07.5	+0.4
G18K	Tagagawik	88.34	8	P	P	09 24 07.4	+0.5
YUK4	Talbot Arm	88.35	18	P	P	09 24 08.1	+0.8
P32M	Athin	88.47	21	P	P	09 24 07.9	+0.2
Q32M	Nakina River	88.48	22	P	P	09 24 08.0	0.0
H20K	Antotenega Mo	88.48	9	P	P	09 24 08.2	+0.6
L26K	Log Cabin Wild	88.52	15	P	P	09 24 08.2	+0.3
F17K	Baldwin Pennin	88.57	7	P	P	09 24 08.2	+0.3
BVCY	Beaver Creek	88.62	16	P	P	09 24 08.3	0.0
K24K	Donnelly Dome	88.63	14	I	Amb	09 24 50.6	
K24K	Donnelly Dome	88.63	14	P	P	09 24 08.5	+0.2
O30N	Mendenhall	88.64	19	P	P	09 24 08.5	+0.1
NEA2	Nenana	88.66	12	P	P	09 24 08.2	-0.2
I21K	Tanana	88.66	11	P	P	09 24 08.3	0.0
WRH	Wood River Hil	88.74	12	I	Amb	09 24 10.2	
MLY1	Manley	88.74	11	I	Amb	09 24 09.7	
MLY1	Manley	88.74	11	P	P	09 24 08.6	-0.2
G19K	Purcell Mounta	88.78	8	I	Amb	09 24 09.2	+0.2
G19K	Purcell Mounta	88.78	8	P	P	09 24 10.8	
G19K	Purcell Mounta	88.78	8	P	P	09 24 09.0	0.0
RIDG	Independent Ri	88.78	14	P	P	09 24 09.3	+0.2
DOT	Dot Lake	88.89	14	I	Amb	09 24 11.1	
N30M	Aishikik Lake	88.89	18	P	P	09 24 09.9	+0.3
DLBC	Dease Lake	88.89	23	P	P	09 24 09.7	0.0
F18K	Selawik	88.90	7	P	P	09 24 09.5	+0.1
HDA	Harding Lake	88.92	13	I	Amb	09 24 11.7	
HDA	Harding Lake	88.92	13	P	P	09 24 09.9	+0.3
L27K	Beaver Creek,	88.92	15	P	P	09 24 10.4	+0.7
WHY	Whitehorse	88.92	20	P	P	09 24 10.4	+0.5
XAN	X'An	88.95	307	P	P	09 24 11.8	+1.3
H21K	Melozitna Rive	88.96	10	P	P	09 24 10.4	+0.6
DLMT	Dillon	89.00	40	I	Amb	09 24 13.1	
I23K	Minto, Yukon-K	89.10	12	P	P	09 24 10.8	+0.4
SNOW	Snow King Moun	89.13	42	I	Amb	09 24 13.9	
E17K	Hotham Inlet	89.13	6	P	P	09 24 11.4	+0.8
COLA	College	89.15	12	P	P	09 24 10.3	-0.3
SCRK	Sand Creek	89.19	14	P	P	09 24 11.4	+0.3
P33M	Teslin, Yukon	89.24	21	P	P	09 24 11.8	+0.5
IL31	IL31	89.25	13	P	I	09 24 11.9	+0.8
IL31	IL31	89.25	13	P	I	09 24 12.4	
ILAR	Eielson Array	89.25	13	P	P	09 24 10.5	-0.6
ILAR	Eielson Array	89.25	13	P	P	09 24 10.6	-0.5
R33M	Jennings River	89.25	22	P	P	09 24 11.8	+0.4
M29M	Somme Creek	89.29	17	P	P	09 24 11.8	+0.2

N31M	Braeburn, Yuko	89.29	19	P	P	09 24 11.5	+0.1
H22K	Ishlaltina Cre	89.42	11	I	Amb	09 24 13.7	
H22K	Ishlaltina Cre	89.42	11	P	P	09 24 11.9	-0.1
J25K	Salcha River,	89.43	13	P	P	09 24 12.7	+0.6
POKR	Poker Plat Res	89.44	12	P	P	09 24 12.4	+0.3
FLWY	Flagg Rang	89.48	42	I	Amb	09 24 15.7	
BW06	Boiler Array	89.53	43	I	Amb	09 24 14.9	
PD31	Pinedale Array	89.53	43	P	I	09 24 14.2	+0.9
PD31	Pinedale Array	89.53	43	P	I	09 24 14.9	
PDAR	Pinedale Array	89.53	43	P	P	09 24 14.2	+0.9
YHL	Hegben Lake	89.58	41	I	Amb	09 24 16.6	
E18K	Tukpaleirik C	89.59	7	P	P	09 24 13.1	+0.5
D17K	Noatak River	89.61	6	P	P	09 24 13.2	+0.5
YMR	Madison River	89.62	41	I	Amb	09 24 16.6	
G21K	Allakaket	89.65	9	I	Amb	09 24 14.5	
G21K	Allakaket	89.65	9	P	P	09 24 13.3	+0.4
H23K	Yukon River	89.68	11	P	P	09 24 13.5	+0.3
BOZ	Bozeman (W)	89.70	40	I	Amb	09 24 16.4	
H17A	Grant Village	89.72	41	I	Amb	09 24 18.0	
F20K	Avarart Lake	89.82	8	P	P	09 24 14.1	+0.4
DRIK	Del Rio	89.83	58	I	Amb	09 24 17.1	
M30M	Minto, Yukon	89.86	18	I	Amb	09 24 15.7	
M30M	Minto, Yukon	89.86	18	P	P	09 24 14.5	+0.4
N32M	Quiet Lake	89.87	20	P	P	09 24 14.3	+0.2
L29M	L29M	89.92	17	I	Amb	09 24 16.0	
L29M	L29M	89.92	17	P	P	09 24 14.7	+0.4
C16K	Lisburne Hill,	89.99	5	P	P	09 24 15.0	+0.5
E19K	Redstone River	90.01	8	I	Amb	09 24 17.0	
E19K	Redstone River	90.01	8	P	P	09 24 15.1	+0.4
PRP	Porcupine Dome	90.18	13	I	Amb	09 24 17.8	
PRP	Porcupine Dome	90.18	13	P	P	09 24 16.2	+0.5
HHC	Hu-ho-hao-te	90.24	314	eP	pm	09 24 19.7	+3.2
HHC	Hu-ho-hao-te	90.24	314	eP	pm	09 24 19.7	+3.2
HHC	Hu-ho-hao-te	90.24	314	eP	pm	09 24 19.7	+3.2
M31M	Drury Creek, Y	90.27	19	P	P	09 24 16.5	+0.6
F21K	Alatina River	90.31	9	P	P	09 24 16.6	+0.6
G22K	Bettes	90.34	10	P	P	09 24 16.7	+0.6
C17K	DeLong Mountai	90.36	5	P	P	09 24 17.0	+0.7
G23K	Banza Creek	90.39	11	P	P	09 24 17.0	+0.5
I26K	Coal Creek Min	90.51	14	P	P	09 24 17.6	+0.6
K29M	Barlow Dome	90.67	17	I	Amb	09 24 19.4	
K29M	Barlow Dome	90.67	17	P	P	09 24 17.8	+0.8
CMAR	Chiang Mai Arr	90.69	289	P	P	09 24 20.6	+1.7
CMAR	Chiang Mai Arr	90.69	289	P	P	09 24 19.7	+0.8
C18K	Utukok River	90.72	6	P	P	09 24 18.7	+0.7
F22K	John River	90.77	10	P	P	09 24 19.1	+0.9
CHTO	Chiang Mai	90.82	290	P	P	09 24 19.5	0.0
CHTO	Chiang Mai	90.82	290	P	P	09 24 22.6	
G24K	Hadzweenic Riv	90.84	12	P	P	09 24 19.4	+0.8
D19K	Kuna River	90.89	7	I	Amb	09 24 20.5	
D19K	Kuna River	90.89	7	P	P	09 24 19.2	+0.5
E20K	Nigu River	90.90	8	P	P	09 24 19.2	+0.4
J29N	Klondike Camp	90.98	16	P	P	09 24 20.0	+0.7
I27K	Kandik River	91.11	14	P	P	09 24 20.1	+0.3
G25K	Bearman Lake	91.16	12	P	P	09 24 20.6	+0.7
D20K	Etiyuk River	91.28	8	P	P	09 24 21.1	+0.6
C19K	Lookout Ridge	91.32	6	I	Amb	09 24 22.8	
C19K	Lookout Ridge	91.32	6	P	P	09 24 20.8	+0.1
E21K	Killik River	91.37	9	P	P	09 24 21.4	+0.4
I28M	Mirer Creek	91.37	15	P	P	09 24 21.4	+0.3
E22K	Anaktuvuk Pass	91.40	9	P	P	09 24 21.8	+0.7
F24K	Squ Lake	91.49	11	P	P	09 24 22.4	+0.9
J30M	Hart River	91.57	17	P	P	09 24 22.7	+0.6
H27K	Steamboat Moun	91.65	14	P	P	09 24 23.2	+0.8
E23K	Chandalar	91.68	10	P	P	09 24 23.2	+0.7
I29M	Ogilvie Camp,	91.69	15	P	P	09 24 23.3	+0.8
G26K	Porcupine Rive	91.78	13	P	P	09 24 23.5	+0.8
E24K	Your Creek	91.88	11	P	P	09 24 23.7	+0.4
C21K	Knifeblad Rid	91.93	8	P	P	09 24 24.1	+0.6
F25K	Christian River	91.97	12	P	P	09 24 24.3	+0.6
I30M	Mesa Dempster	92.07	16	P	P	09 24 24.9	+0.5
G27K	Doyon Strip	92.11	13	P	P	09 24 25.1	+0.7
TOLK	Toolik Lake Re	92.21	10	P	P	09 24 25.6	+0.7
A19K	Wainwright	92.23	6	P	P	09 24 25.5	+0.7
D23K	Nanushuk River	92.33	9	P	P	09 24 26.1	+0.8
F26K	Sheenjek River	92.35	12	P	P	09 24 26.2	+0.7
H29M	Whitestone	92.38	15	I	Amb	09 24 27.9	
H29M	Whitestone	92.38	15	P	P	09 24 26.2	+0.6
B21K	Ikpikpuk River	92.39	8	P	P	09 24 26.1	+0.6
B20K	Mesero River	92.44	7	P	P	09 24 26.6	+0.8
E25K	Arctic Village	92.45	12	P	P	09 24 26.8	+0.8
D24K	Happy Valley	92.80	10	P	P	09 24 28.2	+0.8
EPYK	Eagle Plains	92.90	15	P	P	09 24 28.5	+0.5
G29M	Pine Creek	93.02	15	P	P	09 24 29.0	+0.5
C23K	Itkillik River	93.14	9	P	P	09 24 29.6	+0.7

F28M	Old Crow	93.17	14	P	P	09 24 29.4	+0.2
B22K	Teshkepuk Lake						

mbmp4.1/33.ML3.8/11.MS3.5/57.Error ellipse:
 s-maj=9.8km s-min=8.5km az=36.0
 PDG 01 11:01:38.40.5,42.24N-24.84E,h12km,1km,MD4.5/1,
 ML4.4/12.Error ellipse:s-maj=0.5km s-min=0.6km az=0.0
 ISK 01 11:01:38.6,42.21N-24.87E,h5km,ML4.6/39
 SOF 01 11:01:38.7,42.23N:0.01x24.87E:0.01,h18km,1km,
 MD4.6/10
 NEIC 01 11:01:39.5,1.8,42.23N:0.04x24.89E:0.06,h10km,1km,
 mb4.5/60.Error ellipse:s-maj=8.1km s-min=7.3km
 az=118.0
 MCSM 01 11:01:39.6,0.2,42.2N:2.2E,*,h10km,mb4.4,mb4.9,
 MLv5.0,Mw(mb)4.2
 PRU 01 11:01:39.2,42.20N-25.13E,h1km,M4.5
 BEO 01 11:01:39.0,42.31N:24.86E,h0km,ML4.5/9
 CFUSG 01 11:01:40.6,42.30N-25.10E,h10km,MB4.17,MD4.2/6,
 MSH3.9/6
 THE 01 11:01:40.1,42.2N:2.2E:1.0,h6km,1km,M4.4/41,
 MLh4.4/41
 GFZ 01 11:01:40.7,42.26N:24.89E,h14km,MW4.6,Moment
 Tensor Solution. s77 Moment tensor: Mr=9.41;
 Mw=7.92; Mv=1.50; M=2.17; Mb=0.39; Mo=0.18; Fault
 plane solution: NP139a.000000,638.000000,
 1-67.000000. NP269a.271.000000,852.000000,
 1-91.000000. Principal axes: T 8.2000, P 6.6000,
 Azm3.0000; N 1.4800, P 1.0000; Azm272.0000; P
 -9.6900, P 1.620000; Azm170.0000;

NAO 01 11:01:48.2,43.25N:25.78E,h33km,MB3.7
 ISC 01 11:01:39.5-0.7,42.22N:0.02-24.89E:0.01,h11km,4km,
 n619,r1934/677,mb4.5/71,MS3.6/47,58C-40D,Bulgaria

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
PLD	Plovdiv	0.14	229	Op	11 01 44.9	-0.2
PLD	Plovdiv	0.14	229	Pg	11 01 44.9	-0.2
PLD	Plovdiv	0.14	229	Sg	11 01 44.9	-0.2
PLD	Plovdiv	0.14	229	Op	11 01 44.9	-0.2
PLD	Plovdiv	0.14	229	Pg	11 01 44.9	-0.2
PLD	Plovdiv	0.14	229	Sg	11 01 44.9	-0.2
PLD	Plovdiv	0.14	229	Op	11 01 44.9	-0.2
PLD	Plovdiv	0.14	229	Pg	11 01 44.9	-0.2
PLD	Plovdiv	0.14	229	Sg	11 01 44.9	-0.2
DIM	Dimitrograd	0.55	110	Pg	11 01 50.2	0.0
DIM	Dimitrograd	0.55	110	Pg	11 01 50.2	0.0
RZN	Rozhen	0.56	192	Op	11 01 50.6	-0.7
RZN	Rozhen	0.56	192	Pg	11 01 50.6	-0.7
RZN	Rozhen	0.56	192	Sg	11 01 50.6	-0.7
RZN	Rozhen	0.56	192	Op	11 01 50.6	-0.7
RZN	Rozhen	0.56	192	Pg	11 01 50.6	-0.7
RZN	Rozhen	0.56	192	Sg	11 01 50.6	-0.7
PGB	Panagyurishte	0.60	298	Pg	11 01 50.5	-0.6
PGB	Panagyurishte	0.60	298	Pg	11 01 50.5	-0.6
KDZ	Kurdzhali	0.69	151	Op	11 01 51.8	-1.2
KDZ	Kurdzhali	0.69	151	Pg	11 01 51.8	-1.2
KDZ	Kurdzhali	0.69	151	Sg	11 01 51.8	-1.2
KDZ	Kurdzhali	0.69	151	Op	11 01 51.8	-1.2
KDZ	Kurdzhali	0.69	151	Pg	11 01 51.8	-1.2
KDZ	Kurdzhali	0.69	151	Sg	11 01 51.8	-1.2
PVL	Pavlikeni	0.91	13	Op	11 01 56.8	-0.4
PVL	Pavlikeni	0.91	13	Pg	11 01 56.8	-0.4
MMB	Musomishta	1.10	231	Op	11 01 59.8	-0.8
MMB	Musomishta	1.10	231	Pg	11 01 59.8	-0.8
MMB	Musomishta	1.10	231	Sg	11 01 59.8	-0.8
MMB	Musomishta	1.10	231	Op	11 01 59.8	-0.8
MMB	Musomishta	1.10	231	Pg	11 01 59.8	-0.8
MMB	Musomishta	1.10	231	Sg	11 01 59.8	-0.8
PLVB	Pleven	1.16	350	Op	11 02 01.2	-0.6
PLVB	Pleven	1.16	350	Pg	11 02 01.2	-0.6
PLVB	Pleven	1.16	350	Sg	11 02 01.2	-0.6
NVR	Nevrokopi	1.18	221	Op	11 02 01.6	-0.5
NVR	Nevrokopi	1.18	221	Pg	11 02 01.6	-0.5
NVR	Nevrokopi	1.18	221	Sg	11 02 01.6	-0.5
RDO	Rodhopi	1.20	156	Op	11 02 01.7	-0.3
RDO	Rodhopi	1.20	156	Pg	11 02 01.7	-0.3
RDO	Rodhopi	1.20	156	Sg	11 02 01.7	-0.3
RDO	Rodhopi	1.20	156	Op	11 02 01.7	-0.3
RDO	Rodhopi	1.20	156	Pg	11 02 01.7	-0.3
RDO	Rodhopi	1.20	156	Sg	11 02 01.7	-0.3
SOF	Sofia	1.21	292	Op	11 02 17.7	-0.7
SOF	Sofia	1.21	292	Pg	11 02 17.7	-0.7
SOF	Sofia	1.21	292	Sg	11 02 17.7	-0.7
JMB	Yambol	1.24	78	Op	11 02 03.2	-0.1
JMB	Yambol	1.24	78	Pg	11 02 03.2	-0.1
JMB	Yambol	1.24	78	Sg	11 02 03.2	-0.1
JMB	Yambol	1.24	78	Op	11 02 03.2	-0.1
JMB	Yambol	1.24	78	Pg	11 02 03.2	-0.1
JMB	Yambol	1.24	78	Sg	11 02 03.2	-0.1
KAVA	Kavala	1.27	193	Op	11 02 03.2	-0.3
KAVA	Kavala	1.27	193	Pg	11 02 03.2	-0.3
KAVA	Kavala	1.27	193	Sg	11 02 03.2	-0.3
VTS	Vitosha	1.28	288	Op	11 02 19.8	-1.0
VTS	Vitosha	1.28	288	Pg	11 02 19.8	-1.0
VTS	Vitosha	1.28	288	Sg	11 02 19.8	-1.0
VTS	Vitosha	1.28	288	Op	11 02 19.8	-1.0
VTS	Vitosha	1.28	288	Pg	11 02 19.8	-1.0
VTS	Vitosha	1.28	288	Sg	11 02 19.8	-1.0
SZH	Strazhitsa	1.30	38	Op	11 02 22.5	+1.1
SZH	Strazhitsa	1.30	38	Pg	11 02 22.5	+1.1
SZH	Strazhitsa	1.30	38	Sg	11 02 22.5	+1.1
BLSH	Balsha	1.34	298	Op	11 02 21.5	-0.5
BLSH	Balsha	1.34	298	Pg	11 02 21.5	-0.5
BLSH	Balsha	1.34	298	Sg	11 02 21.5	-0.5
KKB	Krupnik	1.37	254	Op	11 02 23.8	-0.8
KKB	Krupnik	1.37	254	Pg	11 02 23.8	-0.8
KKB	Krupnik	1.37	254	Sg	11 02 23.8	-0.8
MPEP	Malo Peshtene	1.40	323	Op	11 02 27.2	+0.2
MPEP	Malo Peshtene	1.40	323	Pg	11 02 27.2	+0.2
MPEP	Malo Peshtene	1.40	323	Sg	11 02 27.2	+0.2
EDRB	Edirne	1.44	105	Op	11 02 05.9	-0.3
EDRB	Edirne	1.44	105	Pg	11 02 05.9	-0.3
EDRB	Edirne	1.44	105	Sg	11 02 05.9	-0.3
ZMR	Zmir	1.46	14	Op	11 02 27.1	+0.7
ZMR	Zmir	1.46	14	Pg	11 02 27.1	+0.7
ZMR	Zmir	1.46	14	Sg	11 02 27.1	+0.7
SRS	Serrai	1.48	221	Op	11 02 06.0	0.0
SRS	Serrai	1.48	221	Pg	11 02 06.0	0.0
SRS	Serrai	1.48	221	Sg	11 02 06.0	0.0
SRS	Serrai	1.48	221	Op	11 02 06.0	0.0
SRS	Serrai	1.48	221	Pg	11 02 06.0	0.0
SRS	Serrai	1.48	221	Sg	11 02 06.0	0.0
ALN	Alexandroupoli	1.60	147	Op	11 02 08.2	-0.7
ALN	Alexandroupoli	1.60	147	Pg	11 02 08.2	-0.7
ALN	Alexandroupoli	1.60	147	Sg	11 02 08.2	-0.7
ALN	Alexandroupoli	1.60	147	Op	11 02 08.2	-0.7
ALN	Alexandroupoli	1.60	147	Pg	11 02 08.2	-0.7
ALN	Alexandroupoli	1.60	147	Sg	11 02 08.2	-0.7
ENEZ	Enez	1.78	147	Op	11 02 10.2	-0.2
ENEZ	Enez	1.78	147	Pg	11 02 10.2	-0.2
ENEZ	Enez	1.78	147	Sg	11 02 10.2	-0.2
VAJD	Valchedram	1.80	324	Op	11 02 11.4	+0.7
VAJD	Valchedram	1.80	324	Pg	11 02 11.4	+0.7
VAJD	Valchedram	1.80	324	Sg	11 02 11.4	+0.7
CAVK	Edirne/Enez-Ca	1.82	148	Op	11 02 12.5	-0.2
CAVK	Edirne/Enez-Ca	1.82	148	Pg	11 02 12.5	-0.2
CAVK	Edirne/Enez-Ca	1.82	148	Sg	11 02 12.5	-0.2
CAVK	Edirne/Enez-Ca	1.82	148	Op	11 02 12.5	-0.2
CAVK	Edirne/Enez-Ca	1.82	148	Pg	11 02 12.5	-0.2
CAVK	Edirne/Enez-Ca	1.82	148	Sg	11 02 12.5	-0.2
SOH	Sokhos	1.83	220	Op	11 02 35.3	-0.5
SOH	Sokhos	1.83	220	Pg	11 02 35.3	-0.5
SOH	Sokhos	1.83	220	Sg	11 02 35.3	-0.5
SMTH	Samothraki Isl	1.83	165	Op	11 02 34.8	-0.8
SMTH	Samothraki Isl	1.83	165	Pg	11 02 34.8	-0.8
SMTH	Samothraki Isl	1.83	165	Sg	11 02 34.8	-0.8
KNT	Kendrikon	1.84	235	Op	11 02 11.3	+0.3
KNT	Kendrikon	1.84	235	Pg	11 02 11.3	+0.3
KNT	Kendrikon	1.84	235	Sg	11 02 11.3	+0.3
COPA	Copaceanca	1.91	7	Op	11 02 13.4	-0.9
COPA	Copaceanca	1.91	7	Pg	11 02 13.4	-0.9
COPA	Copaceanca	1.91	7	Sg	11 02 13.4	-0.9
KESN	Edirne-Kesan	1.95	136	Op	11 02 42.5	+0.3
KESN	Edirne-Kesan	1.95	136	Pg	11 02 42.5	+0.3
KESN	Edirne-Kesan	1.95	136	Sg	11 02 42.5	+0.3
ZAPS	Zavoj	1.96	303	Op	11 02 38.1	+1.5
ZAPS	Zavoj	1.96	303	Pg	11 02 38.1	+1.5
ZAPS	Zavoj	1.96	303	Sg	11 02 38.1	+1.5
VAY	Valandovo	1.96	243	Op	11 02 42.9	+0.4
VAY	Valandovo	1.96	243	Pg	11 02 42.9	+0.4
VAY	Valandovo	1.96	243	Sg	11 02 42.9	+0.4
ERIK	Erikli-Kesan	1.99	142	Op	11 02 13.5	+0.6
ERIK	Erikli-Kesan	1.99	142	Pg	11 02 13.5	+0.6
ERIK	Erikli-Kesan	1.99	142	Sg	11 02 13.5	+0.6
OUR	Ouranopolis	2.02	200	Op	11 02 13.5	0.0
OUR	Ouranopolis	2.02	200	Pg	11 02 13.5	0.0
OUR	Ouranopolis	2.02	200	Sg	11 02 13.5	0.0
ROIA	Roia	2.03	59	Op	11 02 14.2	+0.5
ROIA	Roia	2.03	59	Pg	11 02 14.2	+0.5
ROIA	Roia	2.03	59	Sg	11 02 14.2	+0.5
NEF	NEVSHA	2.03	59	Op	11 02 16.9	+0.3
NEF	NEVSHA	2.03	59	Pg	11 02 16.9	+0.3
NEF	NEVSHA	2.03	59	Sg	11 02 16.9	+0.3
GOKT	GOKT	2.05	140	Op	11 02 45.5	+0.2
GOKT	GOKT	2.05	140	Pg	11 02 45.5	+0.2
GOKT	GOKT	2.05	140	Sg	11 02 45.5	+0.2
HORT	Horiatitis	2.12	220	Op	11 02 15.3	+0.4
HORT	Horiatitis	2.12	220	Pg	11 02 15.3	+0.4
HORT	Horiatitis	2.12	220	Sg	11 02 15.3	+0.4
BLKB	Belogradchik	2.13	311	Op	11 02 16.4	-1.7
BLKB	Belogradchik	2.13	311	Pg	11 02 16.4	-1.7
BLKB	Belogradchik	2.13	311	Sg	11 02 16.4	-1.7
SGRR	Singireni	2.13	21	Op	11 02 15.6	+0.2
SGRR	Singireni	2.13	21	Pg	11 02 15.6	+0.2
SGRR	Singireni	2.13	21	Sg	11 02 15.6	+0.2
PLRG	Polygros	2.16	211	Op	11 02 16.3	+0.6
PLRG	Polygros	2.16	211	Pg	11 02 16.3	+0.6
PLRG	Polygros	2.16	211	Sg	11 02 16.3	+0.6
THE	Thessaloniki	2.16	223	Op	11 02 16.9	+1.1
THE	Thessaloniki	2.16	223	Pg	11 02 16.9	+1.1
THE	Thessaloniki	2.16	223	Sg	11 02 16.9	+1.1
GADA	Gvgkeada	2.18	159	Op	11 02 14.7	+0.4
GADA	Gvgkeada	2.18	159	Pg	11 02 14.7	+0.4
GADA	Gvgkeada	2.18	159	Sg	11 02 14.7	+0.4
GELI	Tayfur-Gelibol	2.19	147	Op	11 02 15.9	+1.1
GELI	Tayfur-Gelibol	2.19	147	Pg	11 02 15.9	+1.1
GELI	Tayfur-Gelibol	2.19	147	Sg	11 02 15.9	+1.1
GOAD	anakkale-G	2.21	159	Op	11 02 18.0	-1.7
GOAD	anakkale-G	2.21	159	Pg	11 02 18.0	-1.7
GOAD	anakkale-G	2.21	159	Sg	11 02 18.0	-1.7
MURA	Muratli, TEK	2.23	118	Op	11 02 50.3	-0.7
MURA	Muratli, TEK	2.23	118	Pg	11 02 50.3	-0.7
MURA	Muratli, TEK	2.23	118	Sg	11 02 50.3	-0.7
GRG	Griva	2.26	236	Op	11 02 16.8	-0.

1d 11h

2020 MAY

Table with columns: SUDU, comp, time, status, and time. Rows include DOBS Dobrina, NIE Niedzica, LANS Liptovska Anna, etc.

Table with columns: DAVOX Davos/Dischmat, DAVOX Yerezinzo-08, LABN Labinsk, DAVA Damuels, etc.

Table with columns: HFS, FINES FINES Array A, FINES FINES Array B, FIA1 FIA1, etc.

Table with columns: BRTR, Keskin Array B, 151.39 299, PKPbc, PKPbc, 12 41 59.8 -0.4, etc.

NEIC 01 12:25:10.1±1.2, 44°30'N, 02°15'15"W, 0.03, h10km, 2km, ML2.8/50, Error ellipse: s-maj=4.5km s-min=3.1km az=46.0

ISC 01 12:25:11.8±2.2, 44°47'N, 11°5'41"W, h0km, mbtmp2.5/3, ML2.8/3, Error ellipse: s-maj=29.0km s-min=16.6km az=155.0

ISC 01 12:25:10.2±0.9, 44°37'N, 0°04'11.5"W, 0.03, h11km, n28, ±197/29, Western Idaho

Main table for station data in the first column, including codes like PLID, HLID, MFID, etc.

WEL 01 12:25:32.8±1.3, 31°3'N, 17°19'W, 1.8, h280km, 25km, M4.2/5, ML4.2/5, Error ellipse: s-maj=25.1km s-min=6.1km az=106.5, Kermadec Islands region

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

ISC 01 12:25:34.3±1.1, 6°39'S, 147°48'E, h0km, mb3.7/7, mbtmp3.7/10, ML3.8/2, MS2.8/2, Error ellipse: s-maj=31.6km s-min=20.0km az=103.0

ISC 01 12:25:42.0±0.9, 6°50'S, 0°08'147.5"E, 0.1, h63km, n17, ±190/17, mb3.7/7, Eastern New Guinea region

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

Table with columns: ASAR, FITZ, CMAR, TLY, MKAR, GSPA, ILAR, NVAR, TORO, etc.

SOME 01 12:32:57.0, 42°25'N, 81°67'E, h10km, NNC 01 12:33:01.3±4.6, 42°09'N, 81°52'E, h6km, 21km, mb2.9, mpv2.5, Error ellipse: s-maj=26.8km s-min=17.3km az=124.0

ISC 01 12:32:54.6±2.9, 42°3N, 01°18'83E, 0.10, h10km, n7, ±150/13, 2C-6D, Northern Xinjiang

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

ISC 01 12:34:23.5±1.7, 0°88'S, 121°03'E, h0km, mb3.1/3, mbtmp3.2/4, ML3.8/1, MS2.8/2, Error ellipse: s-maj=54.4km s-min=26.5km az=74.0

DJA 01 12:34:27.1±0.2, 1°S, 2°12'1E, h10km, M3.9/30, mb3.6/3, MLV4.0/30

ISC 01 12:34:28.8±1.1, 0°97'S, 0°07'120.70E, 0.05, h35km, n16, ±125/16, mb3.0/3, Minahasa Peninsula, Sulawesi

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

ISC 01 12:38:13.1±1.6, 2°19'N, 89°67'E, h0km, mb3.6/6, mbtmp3.6/8, ML4.2/2, MS3.0/4, Error ellipse: s-maj=50.4km s-min=21.8km az=55.0

NEIC 01 12:38:14.2±0.8, 2°0N, 01°18'89'62E, 0.07, h10km, 1km, mb4.4/13, Error ellipse: s-maj=20.1km s-min=6.5km az=209.0

ISC 01 12:38:13.9±0.7, 2°22'N, 0°08'89'69E, 0.08, h10km, m50, ±179/35, mb4.2/12, MS3.1/3, North Indian Ocean

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

Table with columns: H08S3, H08S1, IMP, KAPI, MSEY, PSA00, Pihlbara Seismi, etc.

WARRAMUNGA ARR 49.01 119 P Iamb Iamb 12 47 00.5 -0.8

WARRAMUNGA ARR 49.01 119 P Iamb Iamb 12 47 02.4 +0.9

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

SJA 01 12:42:52.7±0.9, 24°04'S, 67°10'W, h205km, 8km, ML3.8, MW3.8

ISC 01 12:42:53.5±1.7, 24°01'S, 66°94'W, h167km, 16km, mb3.2/7, mbtmp3.8/13, Error ellipse: s-maj=19.2km s-min=13.2km az=80.0

NEIC 01 12:42:54.3±2.9, 24°06'S, 67°07'W, 0.1, h182km, 3km, mb4.6/17, ML4.0(GUC), Error ellipse: s-maj=14.7km s-min=9.1km az=90.0

GUC 01 12:42:55.0±0.6, 23°55'S, 67°15'W, h167km, 9km, ML4.0, VAO 01 12:43:03.9±3.3, 23°54'S, 66°34'W, h218km, 14km, mb4.2, Presumed earthquake

ISC 01 12:42:53.4±0.4, 24°02'S, 67°13'W, 0.04, h180km, 6km, n123, ±195/150, mb4.2/10, 3C-2D, Chile-Argentina border region

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

1d 13h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like CTAO Charters Tower, KMI2 Kunming, INU Inuyama, etc.

2020 MAY

Table with columns for station name, frequency, mode, and signal strength. Includes stations like YSS Yuzhno-Sakhalia, KLR Kul'dur, CAN Canberra, etc.

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Table with columns for station name, frequency, mode, and signal strength. Includes stations like KPKS Kopek, MA2 Magadan, KSH2 Kashi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like QSPA South Pole Qui, PETK South Pole Qui, and others.

KRSC 01 14:22:29.0±2.1, 0.90N:123.56E, h0km, mb3.4/3, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KDRTR Khodutka, KASAK Asacha, and others.

IDC 01 14:25:20.3±2.1, 0.90N:123.56E, h0km, mb3.4/3, mbmp3.5/3, Error ellipse: s-maj=304.7km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KDRTR Khodutka, KASAK Asacha, and others.

WRA Warramunga Arr 2325 154 P

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

GUC 01 14:30:47.8±0.8, 30.66S:71.31W, h54km, 3km, ML4.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CO03 El Pedregal, CO02 Combarbal, and others.

Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LCO Las Campanas, VA06 Catalipico, and others.

Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MT10 Hacienda Santa, MT09 Talagante, and others.

LPAZ La Paz 14.61 12 Pn Pn 14 34 137 +1.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SIV San Ignacio, PTBL Pontes e Lacer, and others.

Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DBIC Dimbokro, DBIC Dimbokro, and others.

Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TAVE Taveuni, DGTI Dogotuki, and others.

Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, ASAR Alice Springs, and others.

IDC 01 14:49:31.3±1.0, 39.82N:97.03E, h0km, mb3.4/6, mbmp3.5/11, ML3.2/5, MS3.0/13, Error ellipse: s-maj=25.3km

IDC 01 14:49:35.0±0.7, 39.84N:07.9676E, 0.05, h35km, n24, az=227.10, mb3.5/6, MS2.8/9, 3C-12, Gansu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GTA2 Gaotai, GTA2 Gaotai, and others.

Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LZHZ Lanzhou, LZHZ Lanzhou, and others.

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Table with columns: ID, Name, Az, El, P, M, Time, Res, ISC. Includes stations like EPYK Eagle Plains, M19K Big River Lodg, I28M Miner Creek, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ENDD Endenburg, ILLF Ilfurth, KIZ Kirchzarten, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like H08S1 Diego Garcia H, SHL Shilling, KOHI KOHIMA, etc.

2020 MAY

1d 18h

Table with columns: ARPP, DRGR, NRCA, etc. and rows listing various stations and their frequencies. Includes sub-headers like '1d 18h' and 'ARPP Arapig-MALATY'.

Table with columns: DPC, DPC, DPC, etc. and rows listing various stations and their frequencies. Includes sub-headers like 'DPC Dobruska-Polom' and 'DAVA Damuets'.

Table with columns: PVAQ, PVAQ, PVAQ, etc. and rows listing various stations and their frequencies. Includes sub-headers like 'PVAQ Vaqueros' and 'HFS'.

IDC 01 18:17:43.2.3.5, 15:53S:173:51W, h0km, mb4.0/3, mbmp4.1/4, ML4.0/1, Error ellipse: s-maj=204.5km s-min=25.7km az=144.0

NEIC 01 18:17:43.8.1.4, 15:67S:0:04.0:173:2W.0.1, h10km, 1km, mb4.6/15, Error ellipse: s-maj=19.4km s-min=7.0km az=97.0

ISC 01 18:17:43.2.0.7, 15:69S:0:07.173:19W:0.09, h10km, n22, c175/24, mb4.5/8, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, NIUE Niue, WARRUNGUNGA Arr, etc.

IDC 01 18:28:56.6.1.4, 15:01N:122:86E, h0km, mb3.3/5, mbmp3.4/6, ML4.0/1, Error ellipse: s-maj=31.0km s-min=22.0km az=54.0

MAN 01 18:28:58.0, 14:97N, 122:71E, h10km, MS3.6, ISC 01 18:28:56.1.1.9, 14:99N:0:03:122:77E:0.05, h0km, 14km, n26, c256/33, mb3.4/5, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CAAP Casiguran, WRA Warrungunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DJR Ballybastay, SATY 12nm,0.7s, SATY 7.6nm,0.3s, etc.

TEH 01 18:41:39.6, 27:98N:53:27E, h5km, ML2.9, Presumed earthquake

OMAN 01 18:41:43.2.1.0, 27:74N:53:13E, h10km, mb3.2/3, mb3.0/12, Error ellipse: s-maj=11.8km s-min=7.5km az=21.0

DSN 01 18:41:48.1.1.2, 27:42N:53:23E, h10km, ML2.4/9, Error ellipse: s-maj=23.0km s-min=10.9km az=56.0

ISC 01 18:41:41.2.1.3, 27:95N:0:05:53:16E:0.09, h14km, n38, c151/46, Southern Iran

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KHL1 Khalili_Fars, QIR1 Qir, JHRM Jahrom, etc.

IDC 01 18:48:04.9.1.7, 1:88N:127:23E, h0km, mb3.5/4, mbmp3.6/5, ML3.5/1, MS2.4/2, Error ellipse: s-maj=122.4km s-min=19.8km az=70.0, Halmaheira

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warrungunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, KSRS Korea Array, PETK Petropavlovsk, etc.

NEIC 01 19:09:39.0.1.9, 24:88S:0:05:179:8E:0.1, h496km, 6km, mb4.5/120, Error ellipse: s-maj=14.7km s-min=7.2km az=104.0

NOU 01 19:09:40.0, 24:92S:179:94E, h523km, mb4.5/41, South of Fiji Islands

IDC 01 19:09:40.1.1.2, 24:76S:179:79E, h509km, 12km, mb3.6/19, mbmp4.5/22, Error ellipse: s-maj=12.7km s-min=11.2km az=97.0

ISC 01 19:09:39.1.0.3, 24:86S:0:05:179:83E:0.06, h501km, c1364, 1347/372, mb4.9/3, NAC-200, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RIZ Raoul Island, RAO Raoul Island, MSVF Nonnavu, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes stations like KHZ Kahutara, LTZ Lake Taylor, AMCZ Amberley, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes stations like YSS Yuzhno-Sakhal, UNV Unalaska Vae, PET Petropavlovsk, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other details. Includes stations like F19K Shalericuk Mo, ILAR Eielson Array, ILAR Eielson Array, etc.

1D C 01 19:12:19.4:0.6,23.895:1.75:24W,h0km,mb4,4/16, mbtmp4,3/18,ML4,9/2,MS3,4/11, Eror ellipse: s-maj=20.3km,s-min=18.1km,az=117.0, NEIC 01 19:12:08.1:6.1,23.865:0.08:175.2W,0.1,h10km,1km, mb4,7/10, Eror ellipse: s-maj=22.5km,s-min=11.3km, az=114.0

2000 MAY

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, AFI Nonsavu, RAR Raratonga, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRTR Keskin Array B, TOR Tordoi Ar. Bea, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GRL Gorelyy, KRM Karymshinskyi, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MGBR Mount Gambier, QIS Mount Isa, HTT Hallett, BBOO Buckleboob, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like N14K Kuskokwak Cree, NVAR Mina Array Bea, N14K Kuskokwak Cree, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MAUC Maruska, VRAC Vranov, JAVC Velka Javorina, etc.

MOS 01 19:53:14.9,0.7,54.18N,160.23E,h108km,m4.0,4, Error ellipse: s-maj=10.6km s-min=3.8km az=74.3

KRSC 01 19:53:14.5,0.6,54.15N,160.32E,h96km,m4.0,4, Error ellipse: s-maj=10.6km s-min=3.8km az=74.3

NEIC 01 19:53:15.9,1.1,54.40N,160.08E,0E:0.1,h95km,6km, mb4,11/03, Error ellipse: s-maj=12.8km s-min=6.8km

IDC 01 19:53:16.1,0.6,54.49N,159.78E,h97km,6km,mb3.7/15, mbmtp4.1/17,MS2.9/6, Error ellipse: s-maj=15.0km s-min=7.2km az=140.0

ISC 01 19:53:15.0,0.5,54.18N,160.20E,0.03,h95km,4km, Error ellipse: s-maj=11.450,mb4.0/6.4,4C-3D, near coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KII Karymskiy, KII Karymskiy, MKZ Mys Kozlova, etc.

1d 19h

SKR	comp=N,285nm,0.7s	smax	smax		
SKR	comp=E,201nm,0.5s	smax	smax		
SKR	comp=Z,300nm,16.0s	MLR	MLR		
SKR	Severo-Kuril's	4.32 218 eP	Pn	19 54 20.3 +2.0	
PALN	Palana	4.93 358 PN	Pn	19 54 28.4 +2.0	
PALN	Palana	4.93 358 eP	Pn	19 54 28.5 +2.0	
OSSR	Ossora	5.32 16 PN	Pn	19 54 34.7 +2.9	
OSSR	Ossora	5.32 16 eP	Pn	19 54 34.7 +3.0	
MA2	Magadan	7.50 320 P	P	19 55 01.3 -0.1	
MA2	comp=Z,1.77nm,0.6s,baz=132,slow=9.0,SNR=18	LR	LR	19 58 10.9	
MA2	Magadan	7.50 320 PN	Pn	19 54 58.2 -3.3	
MA2	Magadan	7.50 320 ePN	Pn	19 55 03.4 +2.0	
SHEM	Shemya Is. Ala	8.39 94 PN	Pn	19 55 13.5 -0.2	
SMY	Shemya	8.39 94 Pn	Pn	19 55 13.6 0.0	
SMY	Shemya	8.39 94 PN	Pn	19 55 13.6 0.0	
TYV	Tymovskoe	11.22 260 ePN	Pn	19 55 44.4 -7.7	
TYV	comp=Z,1.11nm,1.1s	pmax	pmax		
TYV	comp=Z,1.100nm,2.9s	pmax	pmax		
AMKA	Amchitka	11.87 96 Pn	Pn	19 56 02.6 +1.8	
BILL	Biilbino	14.20 91 eP	Pn	19 56 31.6 +0.3	
BILL	comp=Z,1.0nm,0.9s	pmax	pmax		
JKA	Kamikawa-asahi	15.28 236 Pn	Pn	19 56 45.8 +0.6	
ASAJ	Asahikawa	15.28 236 P	P	19 56 45.8 +0.5	
ASAJ	comp=Z,1.31nm,0.6s	pmax	pmax		
ATKA	Atka Island	15.42 87 Pn	Pn	19 56 48.4 +1.4	
GAMB	Gambell	17.21 45 P	P	19 57 09.0 -0.1	
YAK	Yakutsk	17.82 308 P	P	19 57 13.7 -2.1	
YAK	comp=Z,1.2nm,0.4s,baz=169,slow=0.7,SNR=9.7	LR	LR	20 04 43.3	
YAK	Yakutsk	17.82 308 eP	P	19 57 13.8 -2.1	
YAK	Yakutsk	17.82 308 eS	S	19 57 14.5 -1.3	
YAK	Yakutsk	17.82 308 eP	P	20 00 33.5 -1.6	
YAK	comp=Z,10.0nm,1.0s	pmax	pmax		
YAK	comp=N,2.0nm,1.2s	pmax	pmax		
YAK	comp=E,9.0nm,1.5s	smax	smax		
YAK	comp=E,70nm,3.0s	smax	smax		
YAK	comp=N,4.2nm,3.3s	smax	smax		
KLR	Kul'dur	18.27 266 P	P	19 57 20.8 -0.1	
KLR	comp=N,2.8nm,0.7s,baz=80,slow=9.9,SNR=9.1	pmax	pmax		
KLR	Kul'dur	18.27 266 eP	P	19 57 21.2 +0.2	
KLR	comp=Z,3.0nm,0.8s	pmax	pmax		
JTM	Tenmabayashi	18.56 232 P	Pn	19 57 23.8 -0.3	
M11K	Mekoryuk	19.01 57 P	Pn	19 57 29.6 -1.0	
ZEK	Zeya	19.33 282 eP	P	19 57 32.9 +0.5	
TNA	Tin City	19.36 41 P	P	19 57 32.0 -0.7	
UNV	Unalaska Valle	19.44 77 P	Pn	19 57 35.5 -0.3	
UNV	Unalaska Valle	19.44 77 P	Pn	19 57 35.0 -0.8	
LVA	Lava Point	19.64 76 P	Pn	19 57 37.5 -0.5	
AKUT	Akutun	19.79 76 P	Pn	19 57 38.9 -0.8	
K13K	Kusilivak Mount	19.91 53 P	Pn	19 57 39.3 -1.8	
K13K	comp=Z,7.9nm,1.1s	IAMB	IAMB	19 57 41.0	
K13K	Kusilivak Mount	19.91 53 P	P	19 57 38.7 +0.1	
F14K	Arctic Creek	19.96 42 P	P	19 57 39.0 -0.1	
ANM	Nome	20.09 45 P	P	19 57 40.9 +0.3	
HEH	Heihe	20.39 272 eP	P	19 57 43.4 -0.5	
HEH	comp=Z,7.0nm,0.8s	pmax	pmax		
M13K	Dall Lake	20.42 58 P	P	19 57 44.9 +0.7	
M13K	Dall Lake	20.42 58 P	P	19 57 45.1 +0.9	
J14K	Nanvaranak Lak	20.52 51 IAMB	IAMB	19 57 47.6	
J14K	Nanvaranak Lak	20.52 51 P	P	19 57 45.5 +0.3	
F15K	North Star Dit	20.70 42 P	P	19 57 46.8 -0.4	
F15K	comp=Z,10nm,1.2s	IAMB	IAMB	19 57 46.7 -0.4	
F15K	North Star Dit	20.70 42 P	P	19 57 47.8 +0.1	
G15K	Niukluk	20.75 44 P	P	19 57 48.4 +0.4	
L14K	Kuka Creek	20.79 55 P	P	19 57 47.9 -0.2	
L14K	Kuka Creek	20.79 55 P	P	19 57 48.4 +0.4	
M14K	Bethel	21.12 57 P	P	19 57 52.3 +0.7	
M14K	Bethel	21.12 57 P	P	19 57 52.1 +0.5	
N14K	Kuskokwak Cree	21.25 59 P	P	19 57 53.8 +0.7	
N14K	Kuskokwak Cree	21.25 59 P	P	19 57 54.0 +0.9	
C16K	Lisburne Hills	21.35 35 P	P	19 57 54.4 +0.4	
C16K	Lisburne Hills	21.35 35 P	P	19 57 53.6 -0.4	
L15K	Ungalak Mounta	21.38 54 P	P	19 57 54.8 +0.3	
K15K	Wolf Creek Mou	21.40 52 P	P	19 57 56.2 +1.5	
K15K	comp=Z,12nm,1.4s	IAMB	IAMB	19 58 10.9	
K15K	Wolf Creek Mou	21.40 52 P	P	19 57 55.0 +0.4	
O14K	Tiguykaiuet M	21.50 61 P	P	19 57 56.7 +1.0	
O14K	comp=Z,13nm,1.2s	IAMB	IAMB	19 58 23.4	
O14K	Tiguykaiuet M	21.50 61 P	P	19 57 56.5 +0.8	
G16K	Koyuk River	21.54 44 P	P	19 57 56.2 +0.1	
M15K	Kasigluk River	21.74 57 P	P	19 57 59.1 +0.8	
D17K	Noatak River	21.92 38 P	P	19 58 00.2 +0.1	
J16K	Anvik River	21.93 50 P	P	19 57 59.7 -0.5	
J16K	comp=Z,11nm,1.4s	IAMB	IAMB	19 58 06.2	
J16K	Anvik River	21.93 50 P	P	19 58 00.4 +0.2	
N15K	Kwethluk River	22.05 58 P	P	19 58 01.7 +0.1	
N15K	Kwethluk River	22.05 58 P	P	19 58 01.9 +0.3	
RDOG	Red Dog Mine	22.11 37 P	P	19 58 01.8 -0.3	
RDOG	comp=Z,10nm,1.0s	IAMB	IAMB	19 58 04.9	
RDOG	Red Dog Mine	22.11 37 P	P	19 58 02.3 +0.2	
TIXI	Tiksi	22.14 334 LR	LR	20 08 07.8	
C17K	DeLong Mountai	22.17 36 P	P	19 58 02.8 +0.1	
E17K	Hotham Inlet	22.19 40 P	P	19 58 02.8 -0.1	
F17K	Baldwin Pennin	22.23 41 IAMB	IAMB	19 58 06.2	
F17K	Baldwin Pennin	22.23 41 P	P	19 58 03.4 0.0	
O15K	Ungalikthiuk R	22.24 61 P	P	19 58 03.5 -0.1	
O15K	comp=Z,10nm,0.9s	IAMB	IAMB	19 58 05.9	
O15K	Ungalikthiuk R	22.24 61 P	P	19 58 04.3 +0.7	
G17K	Kiwalik Mounta	22.25 44 P	P	19 58 03.8 +0.1	
L16K	Owhat River	22.34 54 P	P	19 58 05.1 +0.5	
L16K	comp=Z,7.9nm,1.2s	IAMB	IAMB	19 58 06.3	
L16K	Owhat River	22.34 54 P	P	19 58 04.8 +0.2	
H17K	Granite Mounta	22.45 46 P	P	19 58 06.2 +0.4	
H17K	comp=Z,5.3nm,0.8s	IAMB	IAMB	19 58 08.6	
H17K	Granite Mounta	22.45 46 P	P	19 58 05.8 0.0	
BNX	BinXian	22.58 262 P	P	19 58 05.2 -2.1	

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BNX	comp=Z,12nm,1.2s	pmax	pmax		
M16K	Timber Creek	22.59 56 P	P	19 58 07.8 +0.7	
M16K	comp=Z,5.6nm,0.9s	IAMB	IAMB	19 58 11.3	
M16K	Timber Creek	22.59 56 P	P	19 58 07.2 0.0	
J17K	VABM Dome	22.62 50 P	P	19 58 08.4 +0.9	
J17K	VABM Dome	22.62 50 P	P	19 58 07.6 +0.1	
N16K	Nishlik Lake	22.70 57 P	P	19 58 08.5 +0.2	
E18K	Tukpahlairik C	22.74 39 P	P	19 58 08.3 -0.3	
S14K	Fog Glacier	22.79 68 P	P	19 58 10.2 +0.8	
F18K	Selawik	22.89 41 P	P	19 58 09.8 -0.4	
C18K	Utukok River	22.91 36 P	P	19 58 10.2 -0.2	
C18K	comp=Z,8.7nm,1.2s	IAMB	IAMB	19 58 11.5	
C18K	Utukok River	22.91 36 P	P	19 58 09.8 -0.6	
K17K	Iditarod	22.93 52 P	P	19 58 13.6	
K17K	comp=Z,1.1nm,1.0s	pmax	pmax		
K17K	Iditarod	22.93 52 P	P	19 58 10.8 +0.2	
O16K	Kokwok River B	23.09 60 P	P	19 58 12.7 +0.6	
O16K	Kokwok River B	23.09 60 P	P	19 58 13.2 +1.1	
CHNA	Chernabura Isl	23.11 72 P	P	19 58 13.7 +1.3	
CNBA	Chernabura Isl	23.11 72 P	P	19 58 12.6 +0.1	
H18K	Honhosa River	23.14 45 P	P	19 58 12.7 +0.1	
G18K	Tagagawik	23.14 43 P	P	19 58 13.2 +0.5	
G18K	Tagagawik	23.14 43 P	P	19 58 12.7 0.0	
P16K	Nushagak River	23.20 61 P	P	19 58 15.1 +2.0	
P16K	comp=Z,12nm,1.0s	IAMB	IAMB	19 58 41.2	
P16K	Nushagak River	23.20 61 P	P	19 58 13.2 +0.1	
MJB9	Matsu-Tunnel	23.31 230 P	P	19 58 14.9 +0.5	
MAJO	Matsushiro	23.31 230 P	P	19 58 14.4 0.0	
MAJO	Matsushiro	23.31 230 deP	P	19 58 14.1 -0.3	
MAJO	comp=Z,5.0nm,0.8s	pmax	pmax		
MJAR	Matsushiro Arr	23.31 230 P	P	19 58 14.5 +0.1	
MJAR	comp=Z,3.1nm,0.7s,baz=9.0,slow=13.3,SNR=21	pmax	pmax		
MJAR	Matsushiro Arr	23.31 230 P	P	19 58 14.7 +0.2	
M17K	Holtna River	23.32 55 P	P	19 58 14.8 +0.5	
M17K	Holtna River	23.32 55 P	P	19 58 14.4 +0.1	
CHGN	Chignik	23.41 68 P	P	19 58 16.2 +1.0	
N17K	Nushagak Hills	23.47 57 P	P	19 58 16.6 +0.9	
A19K	Wainwright	23.52 32 P	P	19 58 15.3 -0.7	
O17K	Koilaganek Bris	23.58 59 P	P	19 58 16.9 +0.2	
C19K	Lookout Ridge	23.61 35 P	P	19 58 17.0 +0.1	
C19K	comp=Z,4.5nm,0.7s	IAMB	IAMB	19 58 18.8	
C19K	Lookout Ridge	23.61 35 P	P	19 58 16.7 -0.3	
L18K	Granite Mounta	23.66 53 P	P	19 58 19.1 +1.6	
L18K	comp=Z,7.7nm,1.4s	IAMB	IAMB	19 58 21.1	
L18K	Granite Mounta	23.66 53 P	P	19 58 18.0 +0.5	
F19K	Shaleruckik Mo	23.67 41 IAMB	IAMB	19 58 19.4	
F19K	Shaleruckik Mo	23.67 41 P	P	19 58 17.2 -0.2	
G19K	Purcell Mounta	23.82 43 P	P	19 58 18.8 0.0	
G19K	comp=Z,7.4nm,0.9s	IAMB	IAMB	19 58 20.8	
G19K	Purcell Mounta	23.82 43 P	P	19 58 18.4 -0.3	
O16K	King Salmon	23.93 62 P	P	19 58 21.0 +1.2	
D19K	Kuna River	23.94 37 IAMB	IAMB	19 58 21.8	
D19K	comp=Z,7.2nm,0.9s	IAMB	IAMB	19 58 19.6 -0.3	
D19K	Kuna River	23.94 37 P	P	19 58 19.6 -0.3	
P17K	Kvichak River	23.97 60 P	P	19 58 21.2 +1.1	
P17K	Kvichak River	23.97 60 P	P	19 58 20.7 +0.5	
H19K	Roundabout Mou	23.98 45 P	P	19 58 20.6 +0.4	
H19K	Roundabout Mou	23.98 45 P	P	19 58 20.5 +0.3	
E19K	Redstone River	24.01 40 IAMB	IAMB	19 58 23.0	
E19K	Redstone River	24.01 40 P	P	19 58 20.4 0.0	
M18K	Stony River	24.09 55 P	P	19 58 21.7 +0.4	
N18K	Kilae Creek	24.10 57 P	P	19 58 22.3 +0.9	
N18K	comp=Z,3.9nm,0.7s	IAMB	IAMB	19 58 24.5	
N18K	Kilae Creek	24.10 57 P	P	19 58 21.5 +0.1	
J19K	Poorman	24.20 48 IAMB	IAMB	19 58 24.1	
J19K	comp=Z,3.0nm,0.8s	IAMB	IAMB	19 58 22.6 +0.4	
J19K	Poorman	24.20 48 P	P	19 58 22.6 +0.4	
JGF	Kuroka	24.27 230 P	P	19 58 26.4 +1.4	
F20K	Avaraart Lake	24.50 41 P	P	19 58 24.9 0.0	
F					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like K27K, MCARA, CROQE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like KURBB, MK31, MKAR, etc.

ADC 01 20:07:14.4-4.7, 22.822N, 122.54E, h0km, mb3.5/4, mbmp3.5/5, ML3.4/1, MS2.9/4, Error ellipse: s-maj=113.4km s-min=44.0km az=1.0 TAP 01 20:07:24.2, 23.80N, 122.55E, h29km, ML3.8, C JMA 01 20:07:24.0, 2.24' N, 122.52' E, h28km, MV3.3/13, NEAR ISHIGAKIJIMA ISLAND ISC 01 20:07:23.9-1.1, 23.76N, 122.53E, h0.02, h28km, g9km, n172, e1807/300, mb3.6/4, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like EOSA, E03S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like NNSB, Datong Townshi, Nan Shan, etc.

2020 MAY

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WSU, SSHA, TWM1, CHN8, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GIRL, MANT, DTV, WBO, WRA, etc.

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO, RAO, RAO, GLKZ, etc.

NOU 01 20:20:24.9, 23:91S: 179:97W, h531km, mb4.5/42, South of Fiji Islands
NEIC 01 20:20:24.3, 1.6, 23:93S: 0.1x179:9E:0.1, h513km, mb4.5/83, Error ellipse: s-maj=16.4km s-min=14.7km

Table with columns: Code, Station Name, Time, Az, P, Res, and various other parameters. Includes stations like TERNATE, MORAWA, LUWI, etc.

Table with columns: Code, Station Name, Time, Az, P, Res, and various other parameters. Includes stations like E19K, PDAR, L29M, etc.

Table with columns: Code, Station Name, Time, Az, P, Res, and various other parameters. Includes stations like MDH, KHLI, BAF, etc.

1d 20h

Table with columns: Station Name, Frequency, Power, Class, and Signal Level. Includes stations like CHM Chimpkent, ASF comp-Z,2.23nm,0.6s, and SVRC Svirice-ELAZID.

2020 MAY

Table with columns: Station Name, Frequency, Power, Class, and Signal Level. Includes stations like KDJ Kajisay, BTLS Baital, TARG Taragay, and TNSN Tian-Shan.

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Table with columns: Station Name, Frequency, Power, Class, and Signal Level. Includes stations like ODEM comp-Z,2.22nm,0.8s, FURI comp-Z,2.1nm,0.7s, and GCAM G7zelcami?

1d 20h

KEST	Kesra	40.75 293	P	P	20 35 51.6 +2.1
KEST	LR				20 56 39.1
KEST	Kesra	40.75 293	P	P	20 35 51.3 +1.7
KEST	SNR=18				20 35 51.3 +1.7
KM12	Kunming	40.77 84	↑P	S	20 35 54.3 +4.3
KM12					20 41 57.7 -2.5
KM12	comp-Z,30nm,1.2s				
KM12	comp-Z,120nm,16.7s				
KM12	comp-Z,130nm,22.1s				
KM12	comp-Z,170nm,23.8s				
DAVOX	Davos/Dischmat	40.95 310	LR	LR	20 55 36.6
DAVA	Damueli	41.04 311	i P	S	20 35 51.4 -0.4
DAVA	comp-Z,72nm,0.6s,SNR=21				
ZAK	Zakamensk	41.14 45	eP	pmax	20 35 53.5 +1.0
ZAK					
VAF	Ylistaro	41.21 337	eP	P	20 35 53.0 +0.2
TUE	Stuetta	41.26 309	IAMB	IAMB	20 35 55.6
TUE	Stuetta	41.26 309	P	P	20 35 53.1 -0.7
LUNU	Lund	41.29 324	i P	P	20 35 53.6 0.0
DEL	Delary	41.41 325	i P	P	20 35 54.5 -0.1
BJUV	Bjув	41.69 324	i P	P	20 35 57.0 +0.2
TLY	Talya	41.70 43	LR	LR	20 55 20.6
APA	comp-Z,715nm,18.0s,baz=255,slow=39				
APA	Apatty	41.73 347	i P	P	20 35 55.7 -1.3
APA					20 37 33.1
APA					20 37 49.8
APA					20 42 12.6 -0.3
APA					20 45 17.6 -0.9
APA	comp-Z,29nm,0.9s				
APA	comp-Z,595nm,15.0s				
LVZ	Lovozero	41.77 348	eP	pmax	20 35 56.9 -0.5
COP	Copenhagen	41.84 323	i P	IAMS_20	20 35 59.0 +0.9
COP					20 35 59.5
BFO	Black Forest	42.25 312	P	P	20 36 00.2 -1.4
BFO	Black Forest	42.25 312	P	P	20 36 00.2 -1.4
BORU	Boraa	42.44 326	i P	P	20 36 03.1 +0.2
SOMM	Somgino Array	42.62 49	P	P	20 36 05.8 +1.7
SOMM	comp-Z,3.5nm,0.9s,baz=253,slow=8.8,SNR=9.0				
SONM	comp-Z,832nm,20.1s,baz=266,slow=39				20 55 55.2
SONM	Somgino Array	42.62 49	P	P	20 36 05.4 +0.6
ONAU	Onsala	42.77 326	i P	IAMB	20 36 05.6 +0.1
ECH	Echery	43.01 311	IAMB	IAMB	20 36 08.1
ULN	Ulanbatar	43.06 49	P	P	20 36 08.5 +0.2
ULN	Ulanbatar	43.06 49	P	P	20 36 09.1 +0.7
ULN	comp-Z,8.0nm,1.0s				
ULN	Ulanbatar	43.06 49	P	P	20 36 09.7 +1.3
HFS	Hagfors	43.11 330	P	P	20 36 08.4 0.0
HFS	comp-Z,20nm,0.5s,baz=127,slow=9.4,SNR=113				20 57 10.0
HFS	comp-Z,405nm,20.1s,baz=126,slow=40				
TJOU	Tjorn	43.16 326	i P	P	20 36 07.8 -1.0
SSRD	Sdr. Stenderup	43.27 322	i P	P	20 36 10.9 +1.2
STRU	Stromstad	43.78 328	i P	P	20 36 13.4 -0.4
MUD	Moenedst u/grnd	43.83 324	IAMB	IAMB	20 36 15.1 +0.9
MUD					20 36 15.5
WLF	Walferdange	43.89 313	dP	P	20 36 14.9 0.0
BTNL	Ternell	44.07 315	dP	P	20 36 17.2 +1.0
BHOU	Houvezeg	44.11 314	dP	P	20 36 17.9 +1.3
MEM	Membach	44.15 315	dP	P	20 36 17.8 +1.0
NC602	NORSAR Array S	44.34 330	IAMB	IAMB	20 36 19.1
NC602	NORSAR Array S	44.34 330	IAMB	IAMB	20 36 19.1
OSL	Oslo	44.37 329	eP	P	20 36 17.4 -0.8
OSL					20 36 18.7 +0.3
XAN	Xi'an	44.37 69	P	P	20 36 17.5 -1.4
XAN					20 42 51.3 -1.3
XAN	comp-Z,11nm,1.1s				
XAN	comp-Z,230nm,4.8s				
XAN	comp-Z,340nm,14.3s				
XAN	comp-Z,290nm,15.3s				
XAN	comp-Z,390nm,19.2s				
BSTI	Sart Tilman	44.42 315	dP	P	20 36 20.3 +1.3
RCHB	Rochefort	44.56 314	dP	P	20 36 20.9 +0.7
NB201	NORSAR Subarra	44.58 330	IAMB	IAMB	20 36 20.6
NB2	NORSAR Subarra	44.61 330	P	P	20 36 20.0 -0.5
NB2	NORSAR Subarra	44.61 330	P	P	20 36 20.0 -0.5
NOA	NORSAR Array B	44.61 330	P	P	20 36 19.9 -0.5
NOA	comp-Z,16nm,0.7s,baz=116,slow=7.9,SNR=114				
BT02	Baotou	44.64 60	eP	pP	20 36 22.3 +1.2
BT02					20 36 26.6 -0.7
BT02					20 36 29.3 -0.5
BT02					20 42 57.7 +1.2
BT02					20 46 09.1 -7.6
BT02	comp-Z,23nm,1.2s				
BT02	comp-Z,160nm,4.3s				
BT02	comp-Z,620nm,18.5s				
BT02	comp-Z,900nm,17.6s				
NR1K	Nori'sk	44.66 15	P	P	20 36 21.7 +1.0
NR1K	comp-Z,17nm,0.9s,baz=222,slow=6.1,SNR=20				20 58 33.9
NR1K	Nori'sk	44.66 15	P	P	20 36 21.3 +0.6
NR1K	comp-Z,17nm,0.9s				
NR1K	Nori'sk	44.66 15	P	P	20 36 21.3 +0.6
NR1K	comp-Z,17nm,0.8s				
NR1K	Nori'sk	44.66 15	cP	pmax	20 36 21.6 +0.9
NR1K	comp-Z,20nm,1.0s				
NA001	NORSAR Array S	44.67 330	IAMB	IAMB	20 36 21.8
VADS	Vadso	44.67 347	eP	IAMB	20 36 20.0 -0.8
VADS	comp-Z,22nm,0.8s				20 36 21.6
BGES	Gesves	44.69 314	dP	P	20 36 21.9 +0.7
KONO	Kongsberg	44.77 328	P	IAMB	20 36 21.0 -0.7
KONO	comp-Z,20nm,0.8s				20 36 22.2
KONO	Kongsberg	44.77 328	eP	P	20 36 21.5 -0.2
KONO	comp-Z,20nm,0.8s				20 36 21.9
KONO	Kongsberg	44.77 328	dP	pmax	20 36 21.5 -0.2
KONO	comp-Z,20nm,1.3s				
HOMB	Homborsund	44.79 326	eP	IAMB	20 36 21.7 -0.1
HOMB	comp-Z,34nm,0.9s				20 36 22.4

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HOMB	Homborsund	44.79 326	i P	P	20 36 21.8 0.0
NB000	NORSAR Array S	44.80 330	IAMB	IAMB	20 36 22.8
KEV	Kevo	44.87 346	P	P	20 36 22.7 +0.3
KEV	Kevo	44.87 346	P	P	20 36 22.7 +0.3
BMRD	Maredsous	44.88 314	dP	P	20 36 23.2 +0.5
NC204	NORSAR Array S	44.91 330	IAMB	IAMB	20 36 23.4
DOU	Dourbes	44.96 314	dP	P	20 36 24.0 +0.6
ARA0	ARCESS Array S	45.04 345	eP	IAMB	20 36 23.9 +0.2
ARA0					20 36 24.7
ARCES	ARCESS Array B	45.04 345	eP	IAMB	20 36 23.9 +0.1
ARCES	comp-Z,11nm,0.8s,baz=141,slow=6.2,SNR=30				
ARCES	comp-Z,143nm,19.1s,baz=122,slow=40				20 58 03.9
ARCES	ARCESS Array B	45.04 345	eP	IAMB	20 36 23.4 -0.3
ARCES	comp-Z,15nm,0.9s				20 36 25.1
KTK1	Kautokeino	45.19 344	eP	IAMB	20 36 25.2 +0.3
KTK1					20 36 25.6
UCC	Uccle	45.22 315	dP	P	20 36 25.8 +0.5
SNART	Snartemo	45.45 326	eP	P	20 36 27.2 +0.1
SNART	Snartemo	45.45 326	i P	P	20 36 27.6 +0.5
SKAR	Skarslia	45.77 329	eP	IAMB	20 36 30.1 +0.4
SKAR	comp-Z,24nm,0.8s				20 36 30.8
HHC	Hu-ho-hao-te	45.91 59	eP	P	20 36 33.2 +2.0
HHC	comp-Z,9.0nm,0.7s				
HHC	comp-Z,100nm,4.6s				
HHC	comp-Z,130nm,17.5s				
HHC	comp-Z,180nm,17.3s				
HHC	comp-Z,190nm,18.6s				
MORR	Moi Rana	45.93 338	eP	IAMB	20 36 30.7 -0.1
MORR	comp-Z,23nm,0.8s				20 36 31.2
NSS	Namsos	45.95 335	eP	P	20 36 30.8 -0.1
DOMB	Dombas	45.98 331	eP	P	20 36 31.2 0.0
BLSS	Blasjo	46.18 327	eP	P	20 36 33.8 +0.8
RAUS	Rausandaksla	46.22 338	eP	IAMB	20 36 32.6 -0.5
RAUS	comp-Z,46nm,0.8s				20 36 33.7
ODDI	Odda	46.27 328	eP	P	20 36 34.4 +0.8
HAMF	Hammerfest	46.28 345	eP	IAMB	20 36 33.5 0.0
HAMF	comp-Z,25nm,0.9s				20 36 34.1
JETT	Jettan, Norway	46.29 343	eP	P	20 36 33.5 -0.1
LEIR	Leirfjorden	46.35 337	eP	IAMB	20 36 34.1 0.0
LEIR	comp-Z,51nm,0.9s				20 36 34.8
FAUS	Fauske	46.35 339	eP	IAMB	20 36 34.3 +0.2
FAUS	comp-Z,21nm,1.0s				20 36 34.8
TAM	Tamanrasset	46.50 275	P	P	20 36 35.4 -0.7
TAM	Tamanrasset	46.50 275	P	P	20 36 35.4 -0.7
TAM	comp-Z,19nm,0.4s				
STOK	Stokkvaagen	46.51 337	eP	IAMB	20 36 35.0 -0.3
STOK	comp-Z,60nm,0.8s				20 36 36.1
KONS	Konsvik	46.56 337	eP	IAMB	20 36 35.5 -0.2
KONS	comp-Z,51nm,0.9s				20 36 36.5
VAGH	Vaagholmen	46.64 338	eP	P	20 36 36.2 -0.1
STEI	Steigen	46.69 340	eP	IAMB	20 36 37.5 +0.8
STEI	comp-Z,12nm,0.8s				20 36 39.1
TRO	Tromso	46.72 343	eP	IAMB	20 36 36.9 0.0
TRO	comp-Z,18nm,0.9s				20 36 37.7 +0.8
CREST	Esterni de Car	46.78 303	eP	IAMB	20 36 39.6 +0.9
CREST	comp-Z,246nm,21.2s,baz=174,slow=34				20 36 42.5 +1.2
MOL	Molde	46.84 331	eP	P	20 36 42.5 +1.2
AKNES	Aknes	46.92 331	eP	P	20 36 46.9 -0.6
LYN	LuoYang	47.20 68	i P	pP	20 36 46.9 -0.6
LYN	comp-Z,9.0nm,0.7s				
LYN	comp-Z,290nm,19.6s				
LYN	comp-Z,190nm,16.7s				
LYN	comp-Z,340nm,17.5s				
LOF	Lofoten	47.33 339	eP	P	20 36 42.1 +0.4
OPO	Amholidratompo	47.62 193	LR	LR	20 55 05.3
OPO	comp-Z,246nm,21.2s,baz=174,slow=34				
CIT	China	47.78 44	eP	P	20 36 45.2 -0.4
CIT					20 36 56.4
CIT					20 38 31.2
CIT	comp-Z,37nm,2.3s				
WACR	West Ace	47.79 317	eP	IAMB	20 36 45.5 -0.1
WACR	comp-Z,118nm,1.0s				20 36 47.2
HNS	HongShan	48.62 64	i P	pmax	20 36 58.2 +6.0
HNS	comp-Z,8.0nm,1.1s				
HNS	comp-Z,100nm,16.1s				
HNS	comp-Z,210nm,19.0s				
HNS	comp-Z,310nm,20.6s				
WOL	Wolverton	48.77 315	eP	IAMB	20 36 53.2 0.0
WOL	comp-Z,74nm,0.7s				20 36 54.5
GDLE	Glaidsdale, N Y	48.88 319	eP	IAMB	20 36 53.6 -0.3
GDLE	comp-Z,34nm,0.6s				20 36 54.5
STBN	Sutton Boning	48.94 317	eP	IAMB	20 36 54.2 -0.1
STBN	comp-Z,27nm,0.7s				

1d 20h

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
ILAR	Eielson Array	85.31	10	P	P	20 40 43.7	-1.3
K20K	Telida	85.32	14	P	P	20 40 45.0	-0.1
I26K	Coal Creek Min	85.33	8	P	P	20 40 45.1	0.0
L16K	Owhat River	85.52	17	P	P	20 40 45.9	-0.2
I28M	Miner Creek	85.57	7	P	P	20 40 46.3	-0.2
M13K	Dall Lake	85.58	19	P	P	20 40 46.6	+0.3
HDA	Harding Lake	85.64	10	P	P	20 40 46.6	-0.1
M14K	Bethel	85.68	18	I Amb	I Amb	20 41 00.1	
M14K	Bethel	85.68	18	P	P	20 40 46.6	-0.3
J25K	Salcha River	85.69	9	I Amb	I Amb	20 40 57.2	
J25K	Salcha River	85.69	9	P	P	20 40 46.8	-0.1
H31M	Peel River	85.72	5	P	P	20 40 46.4	-0.7
H31M	Peel River	85.72	5	I Amb	I Amb	20 40 54.2	
H31M	Peel River	85.72	5	P	P	20 40 47.0	-0.1
L18K	Granite Mounta	85.75	15	P	P	20 40 46.9	-0.4
KTH	Kantishna Hill	85.76	12	I Amb	I Amb	20 41 08.9	
I29M	Ogilvie Camp	85.83	6	P	P	20 40 47.4	-0.2
SPIA	Saint Paul Isl	85.95	24	P	P	20 40 48.0	-0.3
MCK	McKinley	85.95	11	I Amb	I Amb	20 40 48.8	
MCK	McKinley	85.95	11	P	P	20 40 48.1	-0.1
TRF	Thorofare Moun	85.97	12	I Amb	I Amb	20 40 59.9	
TRF	Thorofare Moun	85.97	12	P	P	20 40 48.4	-0.1
M15K	Kasigluk River	86.07	18	P	P	20 40 49.1	+0.3
PPLA	Purkeyville	86.11	13	P	P	20 40 48.9	-0.3
I30M	Mount Dempster	86.14	6	I Amb	I Amb	20 40 56.3	
I30M	Mount Dempster	86.14	6	P	P	20 40 49.1	-0.1
L19K	White Mountain	86.20	14	P	P	20 40 49.4	-0.1
M16K	Timber Creek	86.24	17	I Amb	I Amb	20 41 03.5	
M16K	Timber Creek	86.24	17	P	P	20 40 49.8	+0.1
M17K	Holitna River	86.29	16	P	P	20 40 50.0	0.0
M17K	Holitna River	86.29	16	I Amb	I Amb	20 41 01.9	
M17K	Holitna River	86.29	16	P	P	20 40 50.1	+0.2
K24K	Donnelly Dome	86.39	10	I Amb	I Amb	20 41 27.5	
K24K	Donnelly Dome	86.39	10	P	P	20 40 50.0	-0.4
N14K	Kuskokwak Cree	86.45	18	P	P	20 40 50.9	+0.3
N14K	Kuskokwak Cree	86.45	18	I Amb	I Amb	20 40 52.5	
SCRK	Sand Creek	86.49	9	I Amb	I Amb	20 40 51.3	+0.3
SCRK	Sand Creek	86.49	9	P	P	20 40 51.3	+0.3
M19K	Big River Lodg	86.55	14	P	P	20 40 51.4	+0.2
M18K	Stony River	86.59	15	P	P	20 40 51.7	+0.3
RIDG	Independent Ri	86.59	10	P	P	20 40 51.4	0.0
N15K	Kwethluk River	86.68	18	P	P	20 40 51.9	+0.1
J29N	Klondike Camp	86.72	7	P	P	20 40 52.4	+0.3
L22K	Petersville	86.72	13	I Amb	I Amb	20 40 59.3	
L22K	Petersville	86.72	13	P	P	20 40 51.6	-0.5
N16K	Nishlik Lake	86.76	17	P	P	20 40 52.8	+0.5
J30M	Hart River	86.78	6	P	P	20 40 52.4	0.0
DOT	Dot Lake	86.79	9	I Amb	I Amb	20 40 58.1	
DHY	Denali Highway	86.82	11	P	P	20 40 52.9	+0.2
M20K	Styx River	86.83	14	P	P	20 40 53.0	+0.3
WAT1	Susitna Watana	86.85	11	P	P	20 40 52.6	-0.1
SKT	Skwentna	87.07	13	I Amb	I Amb	20 40 59.2	
SKT	Skwentna	87.07	13	P	P	20 40 53.4	-0.4
N17K	Nushagak Hills	87.11	16	P	P	20 40 54.1	+0.2
WAT6	Susitna Watana	87.22	11	P	P	20 40 54.3	-0.3
PAX	Paxson	87.23	10	P	P	20 40 54.5	0.0
N18K	Kilae Creek	87.29	16	P	P	20 40 55.0	+0.2
K29M	Barlow Dome	87.39	6	I Amb	I Amb	20 41 01.3	
K29M	Barlow Dome	87.39	6	P	P	20 40 55.3	-0.1
N19K	Bonanza Creek	87.50	15	I Amb	I Amb	20 40 06.9	
N19K	Bonanza Creek	87.50	15	P	P	20 40 55.8	-0.1
M22K	Willow	87.56	13	P	P	20 40 56.2	+0.2
L21K	Ungalikthiuk R	87.59	18	P	P	20 40 56.5	+0.2
O75K	Beaver Creek	87.66	8	I Amb	I Amb	20 41 08.6	
L27K	Beaver Creek	87.66	8	P	P	20 40 56.7	+0.1
BCAR	Beaver Creek A	87.66	8	P	P	20 40 56.3	-0.3
O16K	Kokwak River B	87.69	17	P	P	20 40 56.8	+0.1
O17K	Kolliganek Bris	87.79	16	P	P	20 40 57.3	+0.1
HARP	HAARP	87.81	10	P	P	20 40 57.2	-0.1
SML	Sawmill	87.84	12	P	P	20 40 57.4	-0.1
PALR	Palmer	87.89	12	P	P	20 40 57.7	0.0
M24K	Tolsoma, Glenn	87.93	11	P	P	20 40 58.1	+0.2
M23K	Glacier View	87.96	11	P	P	20 40 57.9	-0.2
SCM	Sheep Creek Mo	87.99	11	P	P	20 40 57.6	-0.7
L29M	L29M	88.04	7	I Amb	I Amb	20 41 10.2	
L29M	L29M	88.04	7	P	P	20 40 58.1	-0.4
O19K	Port Aisworth	88.08	15	P	P	20 40 58.5	-0.1
M26K	Nabesna, AK	88.13	9	P	P	20 40 58.5	-0.4
O18K	Koktuh Hills	88.18	16	I Amb	I Amb	20 41 21.9	
O18K	Koktuh Hills	88.18	16	P	P	20 40 59.0	-0.1
KNK	Knik Glacier	88.18	12	P	P	20 40 58.8	-0.3
P16K	Nushagak River	88.21	17	P	P	20 40 59.1	0.0
RC01	Rabbit Creek A	88.24	13	P	P	20 40 59.1	-0.2
CAPN	Captain Cook N	88.25	13	P	P	20 40 59.1	-0.3
M27K	Edge Creek, AK	88.33	9	I Amb	I Amb	20 41 22.3	
M27K	Edge Creek, AK	88.33	9	P	P	20 40 59.2	-0.7

2020 MAY

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
BVCY	Beaver Creek	88.40	8	P	P	20 40 59.6	-0.6
P17K	Kvichak River	88.46	16	P	P	20 41 00.1	-0.3
KLU	Kluksa	88.55	11	P	P	20 41 00.5	-0.4
O20K	Slope Mountain	88.57	14	P	P	20 41 00.7	-0.3
M29M	Somme Creek	88.66	7	I Amb	I Amb	20 41 07.9	
M29M	Somme Creek	88.66	7	P	P	20 41 00.6	-0.8
M30M	Minto, Yukon	88.70	6	P	P	20 41 01.0	-0.6
WRGLY	Wrigley	88.72	0	I Amb	I Amb	20 41 18.8	
WRA	Warramunga Arr	88.75	113	P	P	20 41 03.4	+1.0
O22K	Cooper Landing	88.80	13	P	P	20 41 02.0	0.0
YUK3	Moose Creek	89.07	8	P	P	20 41 03.0	-0.5
MMPY	Sheldon Lake	89.09	4	I Amb	I Amb	20 41 10.8	
MCARA	McCarthy VSAT	89.10	10	P	P	20 41 03.3	-0.1
YKAW3	Yellowknife Wh	89.14	356	I Amb	I Amb	20 41 03.3	-0.3
YKAW3	Yellowknife Wh	89.14	356	P	P	20 41 05.0	
HOM	Homer	89.16	14	P	P	20 41 03.7	0.0
SEW	Seward	89.20	13	P	P	20 41 03.6	-0.3
YKA	Yellowknife Arr	89.21	356	P	P	20 41 04.0	+0.1
YKA	Yellowknife Arr	89.21	356	LR	LR	21 27 13.1	
YKA	Yellowknife Arr	89.21	356	P	P	20 41 03.3	-0.5
YKAW1	Yellowknife Wh	89.21	356	I Amb	I Amb	20 41 05.2	
BMRM	Bremner River	89.26	10	P	P	20 41 03.6	-0.6
BRSE	Bradley Lake S	89.28	14	P	P	20 41 03.7	-0.6
M31M	Drury Creek, Y	89.28	5	P	P	20 41 03.7	-0.5
Q19K	Cape Douglas	89.37	15	P	P	20 41 04.2	-0.5
EYAK	Cordova Ski Ar	89.47	11	P	P	20 41 05.0	-0.1
R16K	Pilot Point	89.59	18	P	P	20 41 06.1	+0.4
YUK8	Steele Glacier	89.63	8	P	P	20 41 06.1	-0.1
BRWV	Burwash Landin	89.64	8	P	P	20 41 06.1	+0.1
P23K	Montague Islan	89.69	12	P	P	20 41 06.3	+0.1
CRQE	Cirque	89.69	10	P	P	20 41 06.2	-0.2
YUK4	Talbot Arm	89.71	7	P	P	20 41 05.9	-0.6
CTG	Chitna Glacier	89.74	9	P	P	20 41 06.4	-0.2
N30M	Aishikik Lake	89.77	7	P	P	20 41 06.8	+0.2
N31M	Braeburn, Yuko	89.87	6	P	P	20 41 07.2	+0.2
UNV	Unalaska Valle	89.88	24	P	P	20 41 07.6	+0.5
O28M	Mount Upton	90.08	8	P	P	20 41 08.3	-0.1
YUK6	Outpost Mounta	90.13	7	P	P	20 41 08.1	-0.4
S14K	Fog Glacier	90.13	19	P	P	20 41 08.7	+0.3
KAIM	Kayak Island	90.28	11	P	P	20 41 09.0	+0.1
ASAR	Alto Springs	90.30	117	P	P	20 41 10.7	+1.0
HYT	Haines Junctio	90.34	7	P	P	20 41 08.8	-0.6
HYT	Haines Junctio	90.34	7	I Amb	I Amb	20 41 15.3	
HYT	Haines Junctio	90.34	7	P	P	20 41 09.2	-0.2
MESA	MESA	90.41	9	P	P	20 41 09.8	0.0
Q23K	Middleton Isla	90.42	12	P	P	20 41 09.7	+0.2
N32M	Quiet Lake	90.43	5	P	P	20 41 09.7	0.0
CHGN	Chignik	90.45	19	P	P	20 41 10.1	+0.4
O30N	Mendenhall	90.54	6	P	P	20 41 10.7	+0.5
KDAK	Kodiak Island	90.65	15	LR	LR	21 27 09.5	
SDPT	Sand Point	90.65	20	P	P	20 41 11.3	+0.6
PINM	Pinnacle	90.72	9	P	P	20 41 11.2	+0.1
O29M	Mount Kennedy	90.73	8	P	P	20 41 11.0	-0.2
WHY	Whitehorse	90.77	6	P	P	20 41 11.5	+0.2
P30M	Million Dollar	91.09	7	P	P	20 41 12.9	+0.1
SII	Sitkinak Islan	91.36	17	P	P	20 41 14.3	+0.3
CHNA	Chernabura Isl	91.36	20	P	P	20 41 14.7	+0.7
P33M	Teslin, Yukon	91.38	5	P	P	20 41 14.2	+0.1
CHIR	Chirikof Islan	91.64	18	P	P	20 41 15.6	+0.3
PLBC	Pleasant Camp	91.81	7	P	P	20 41 16.0	-0.1
SKAG	Skagway	91.91	6	P	P	20 41 16.6	+0.1
P32M	Atin	91.92	5	P	P	20 41 16.5	-0.1
R33M	Jennings River	92.32	4	P	P	20 41 18.6	0.0
Q32M	Nakina River	92.66	5	P	P	20 41 20.2	-0.1

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PCAS Casmilo, Conde, PMRV Marv??o, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PASA Karahalli, USA, KEPZ Antalya-Kepez, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KLNJ Kolanjah, BSY Bisyay, ANAR Anarak, etc.

ICD 01 21:26:43.8:1.3,34:23N:25:35E,h0km,mb3.6/4, mbmp3.5/10,ML3.1/5,MS2.3/2, Error ellipse: s-maj=21.9km s-min=18.3km az=46.0

ICD 01 21:26:53.0:3.4,30:60N:25:76E,h50km,ML3.1 GII 01 21:26:58.3:0.0,33:96SN:0:002:26:081E:0:001,h0km, Mw5.3, confirmed

IDC 01 21:30:40.4:6.5,28:12N:57:49E,h0km,mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=123.2km s-min=55.7km az=115.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like NPS Neapolis, ZAKOS Zakros, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like AMAZ Amatzia, MMLI Mount Malkishu, etc.

TEH 01 21:30:46.5:28:24N:57:12E,h8km,113km,ML3.2, Presumed earthquake

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like IDI Anoyia, GVD Gavdhos, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GEM Giv'at Ha Em, YTIY Yattir, etc.

ICD 01 21:35:34.0:1.6,12:49N:86:34W,h0km,mb3.3/3, mbmp3.3/4,ML3.2/1, Error ellipse: s-maj=134.0km s-min=21.3km az=58.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like IDI Anoyia, GVD Gavdhos, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GEM Giv'at Ha Em, YTIY Yattir, etc.

CATAC 01 21:35:34.9:0.5,12:49N:86:34W,h14km,4km,ML3.8/22, ML3.0/22, Error ellipse: s-maj=5.3km s-min=3.5km az=43.0, confirmed

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like IDI Anoyia, GVD Gavdhos, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GEM Giv'at Ha Em, YTIY Yattir, etc.

ICD 01 21:35:33.9:2.1,11:56N:105:07E,h14km,12km, n29,-162/52,mb3.4/3,Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like IDI Anoyia, GVD Gavdhos, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GEM Giv'at Ha Em, YTIY Yattir, etc.

ICD 01 21:29:23.7:6.2,28:37N:57:27E,h0km,mb3.5/4, mbmp3.5/4, Error ellipse: s-maj=120.7km s-min=51.9km az=117.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like IDI Anoyia, GVD Gavdhos, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GEM Giv'at Ha Em, YTIY Yattir, etc.

TEH 01 21:29:27.8:28:38N:57:10E,h8km,42km,ML3.3, Presumed earthquake

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like IDI Anoyia, GVD Gavdhos, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GEM Giv'at Ha Em, YTIY Yattir, etc.

DSN 01 21:29:35.6:1.5,28:05N:56:54E,h10km,ML2.9/8, Error ellipse: s-maj=29.4km s-min=12.5km az=91.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like IDI Anoyia, GVD Gavdhos, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GEM Giv'at Ha Em, YTIY Yattir, etc.

ICD 01 21:29:27.5:0.8,28:36N:57:06E,h10km,n47, n185/48,mb3.7/3,Southern Iran

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like IDI Anoyia, GVD Gavdhos, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GEM Giv'at Ha Em, YTIY Yattir, etc.

ICD 01 21:29:27.5:0.8,28:36N:57:06E,h10km,n47, n185/48,mb3.7/3,Southern Iran

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like IDI Anoyia, GVD Gavdhos, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GEM Giv'at Ha Em, YTIY Yattir, etc.

ICD 01 21:29:27.5:0.8,28:36N:57:06E,h10km,n47, n185/48,mb3.7/3,Southern Iran

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like IDI Anoyia, GVD Gavdhos, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GEM Giv'at Ha Em, YTIY Yattir, etc.

ICD 01 21:29:27.5:0.8,28:36N:57:06E,h10km,n47, n185/48,mb3.7/3,Southern Iran

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like IDI Anoyia, GVD Gavdhos, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GEM Giv'at Ha Em, YTIY Yattir, etc.

ICD 01 21:29:27.5:0.8,28:36N:57:06E,h10km,n47, n185/48,mb3.7/3,Southern Iran

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like IDI Anoyia, GVD Gavdhos, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GEM Giv'at Ha Em, YTIY Yattir, etc.

ICD 01 21:29:27.5:0.8,28:36N:57:06E,h10km,n47, n185/48,mb3.7/3,Southern Iran

Table with columns: Station Name, Azimuth, Phase, Time, Residual, etc. Includes stations like Yukon River, Port Fidalgo, Bananza Creek, etc.

Table with columns: Station Name, Azimuth, Phase, Time, Residual, etc. Includes stations like Oroville, Beckworth, Columbia Coile, etc.

Table with columns: Station Name, Azimuth, Phase, Time, Residual, etc. Includes stations like Chiapas, Retalhuleu, Comitán, etc.

GCG 01 22:32:04.9-0.7, 14.63N:92.37W, h58km, 5km, MD3.6, ML3.5, Presumed earthquake

MEX 01 22:32:04.4-1.0, 14.66N:92.46W, h77km, 11km, MD3.9, Presumed earthquake

ISC 01 22:32:00.3-1.7, 14.36N:0.09-92.52W, 0.06h, h64km, 15km, M2.9, 28/09/36, Near coast of Chiapas

Table with columns: Station Name, Azimuth, Phase, Time, Residual, etc. Includes stations like THIG, THIG, THIG, etc.

Table with columns: Station Name, Azimuth, Phase, Time, Residual, etc. Includes stations like CMIG, Matias Romero, Matias Romero, etc.

CATAC 01 22:53:01.9-0.8, 14.1N:92.47W, h1km, M4.7/10, ML4.7/10, Error ellipse: s-maj=13.7km s-min=9.8km

ISC 01 22:53:05.6-1.6, 14.29N:0.04-93.27W, 0.02h, h15km, 10km, ML4.3, Presumed earthquake

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like DAIG Los Arroyos, PPM Popocatepetl, MEIG Mezcala, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like W52A Murphy, 319A Douglas, G19A Mountain Grove, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like TIXI Tikisi, FINES FINESS Array B, VRAC Vranov, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cosiguina Volc, Pacayal, Presa 15 de Se, Alcantia de Te, etc.

DNK 01 23:44:52.8, 2.1, 51.49N, 16.01E, h0km, 129km, ML2.5, Presumed earthquake

UPP 01 23:44:53.8, 3.3, 51.41N, 15.58E, h0km, ML2.0, Presumed earthquake

IEPC 01 23:44:53.0, 0.2, 51.45N, 16.31E, h1km, ML2.3/8, Error ellipse: s-maj=1.5km s-min=1.0km az=44.0

VIE 01 23:44:54.6, 0.7, 51.34N, 16.39E, h0km, mb2.3/2, ml2.7/5, Error ellipse: s-maj=9.9km s-min=5.0km az=89.0

PRU 01 23:44:54.7, 5.1, 40N, 16.27E, h0km, c13/87, Poland

Main table of station data for the first section, including stations like KSP, CHVC, OSTC, etc.

IDC 01 23:56:26.5, 1.3, 16.53N, 148.01E, h0km, mb3.6/7, mbmp3.6/7, Error ellipse: s-maj=43.8km s-min=22.5km az=93.0

ISC 01 23:56:31.8, 1.4, 16.5N, 0.2x148.0E, 0.3, h35km, n7, c1808/7, mb3.6/7, Mariana Islands region

Table for station data in the Mariana Islands region, including MJAR and WRA stations.

ASAR Alice Springs 42.24 199 P 0.5nm, 0.8s, baz=24, slow=6.3, SNR=4.9

CMAR Chiang Mai Arr 46.74 280 P 0.7nm, 0.3s, baz=86, slow=8.2, SNR=1.5

MKAR Makanchi Array 61.57 315 P 0.1nm, 0.4s, baz=98, slow=10, SNR=1.9

KURBB Kurchatov Arra 64.42 319 P 0.3nm, 0.4s, baz=95, slow=7.3, SNR=5.4

YKA Yellowknife Arr 78.88 28 P 0.4nm, 0.6s, baz=290, slow=5.8, SNR=6.9

SJA 02 00:08:17.3, 0.6, 19.27S, 69.44W, h127km, 3km, ML3.6, MW3.6

GUC 02 00:08:19.2, 0.7, 19.25S, 69.36W, h118km, 3km, ML3.7

ISC 02 00:08:19.3, 1.7, 19.28S, 0.04x69.48W, 0.07, h118km, 10km, n25, c0561/37, Northern Chile

Main table of station data for the second section, including stations like G001, PB08, TA01, etc.

IDC 02 00:14:29.8, 1.3, 10.44N, 93.49E, h0km, mb3.6/7, mbmp3.6/7, MS2.8/3, Error ellipse: s-maj=86.3km s-min=23.2km az=48.0

ISC 02 00:14:33.7, 1.3, 10.4N, 0.4x93.5E, 0.4, h25km, n13, c095/7, mb3.6/7, Andaman Islands region

Main table of station data for the third section, including stations like CMAR, PALK, H08S3, etc.

Table of station data for the fourth section, including stations like PATR, CHUJ, CHUV, etc.

IDC 02 00:28:27.0, 8.0, 23.94S, 179.91E, h501km, 92km, mb3.2/3, mbtmp4.1/4, Error ellipse: s-maj=69.9km s-min=28.3km az=6.0

ISC 02 00:28:28.1, 2.2, 24.0S, 0.1x179.9E, 0.2, h526km, n17, c0598/7, mb3.7/3, South of Fiji Islands

Table of station data for the fifth section, including stations like URZ, ASAR, WRA, etc.

IDC 02 00:29:30.0, 7.5, 24.16S, 179.92E, h528km, 86km, mb3.2/3, mbtmp4.2/4, Error ellipse: s-maj=72.7km s-min=30.8km az=4.0

ISC 02 00:29:29.7, 0.9, 24.1S, 0.1x179.9E, 0.2, h526km, n14, c0553/14, mb3.7/3, South of Fiji Islands

Main table of station data for the sixth section, including stations like URZ, ASAR, WRA, etc.

IDC 02 00:29:58.8, 1.2, 18.21S, 178.19W, h570km, 12km, mb3.3/15, mbtmp4.3/17, Error ellipse: s-maj=19.6km s-min=13.8km az=124.0

NEIC 02 00:29:58.4, 1.9, 18.3S, 0.1x178.1W, 0.1, h560km, 6km, mb4.4/36, Error ellipse: s-maj=17.4km s-min=14.5km az=151.0

ISC 02 00:29:57.0, 0.4, 18.41S, 0.07x178.03W, 0.08, h557km, n133, c1915/12, mb4.3/38, 9C-8D, Fiji Islands region

Main table of station data for the seventh section, including stations like MSVF, STKA, WRA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Diego Aracena, Chusmiza, etc.

UPA 02 01:23:33.2, 3.741N-80.85W, h0km, 7km, MW3.0, 2C-20, Presumed earthquake, Panama

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EI Cacao, Vera, Tonosi, Guanambal, etc.

NEIC 02 01:56:55.6:1.9, 5.29S:0.08:153.4E:0.1, h64km, 8km, mb4.4/10, Error ellipse: s-maj=17.8km s-min=7.0km az=57.0

IDC 02 01:56:57.2:4.6, 5.28S:153.4E, h90km, 38km, mb3.7/14, mbtmp4.0/15, Error ellipse: s-maj=27.2km s-min=18.7km az=66.0

ISC 02 01:56:52.0:0.7, 5.26S:0.09:153.6E:0.1, h43km, n34, r146/31, mb4.2/17, New Ireland region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Rabaul, Port Moresby, Alice Springs, WAKE ISLAND, etc.

TORD Torodi Arr. Bea 151.17 288 PKPbc PKPbc 02 16 40.4 -1.6

comp=Z,1.4nm,0.7s,baz=104,slow=6.3,SNR=7.2 comp=Z,1.4nm,0.7s

WEL 02 02:16:00.7:0.3, 38.5:4.4:17.7E:1, h38km, 4km, M3.2/54, ML3.2/25, MLV3.2/54, Error ellipse: s-maj=5.1km s-min=2.9km az=171.7

NOU 02 02:16:01.1, 38.03S:177.36E, h46km, MLV3.6/9, North Island, New Zealand

ISC 02 02:16:00.6:1.4, 37.94S:0.04:177.32E:0.03, h59km, 7km, n94, r084/106, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Opotiki Colleg, Whakatane High, Whale Island, etc.

IDC 02 02:15:32.4:2.7, 5.54N:124.62E, h0km, mb3.5/3, mbtmp3.5/3, Error ellipse: s-maj=286.4km s-min=28.2km az=64.0

MAN 02 02:16:05.0, 5.34N:124.98E, h308km, MS3.7, DJA 02 02:16:11.0, 5.34N:124.98E, h300km, n14, r192/13, mb2.9/3, Mindanao

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like General Santos, Don Marcelino, Kidapawan, etc.

0.3nm, 0.3s, baz=341, slow=8.0, SNR=9.1 0.3nm, 0.3s

MKAR Makanchi Array 55.29 325 P P 02 25 04.7 -3.2

NIED 02 02:26:11.7, 35.43N:140.34E, h27km, MW3.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^14 Nm; Mn:0.44; Mb:0.53; Mbb:0.10; Mm:2.75; Mb:1.60; Mbr:1.02; Fault plane solution: M3.27000x10^14 NP1: 6:183.00000, 3:23.00000, 1:18.00000. NP2: 6:77.00000, 3:83.00000, 1:12.00000

JMA 02 02:26:11.7, 0.2, 35.4N:0.3:140.3E:0.7, h27km, 1km, MW3.2/20, 4D, KUUUKURI COAST BOSO PEN, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chibachonon, Sammattsu, KTR, etc.

IDC 02 02:53:36.2:1.4, 4.58S:153.14E, h0km, mb3.7/6, mbtmp3.7/6, MS3.2/1, Error ellipse: s-maj=49.7km s-min=29.6km az=95.0

ISC 02 02:53:43.9:1.4, 4.65S:0.2:153.1E:0.4, h55km, n9, r09/59/7, mb3.3, New Ireland region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Keravat, WRA, ASAR, Vnda, etc.

NEIC 02 03:02:39.7:1.7, 5.31S:150.0:153.5E:0.1, h69km, 8km, mb4.4/13, Error ellipse: s-maj=17.2km s-min=12.5km az=56.0

IDC 02 03:02:40.4:4.3, 5.28S:153.50E, h84km, 36km, mb3.7/9, mbtmp4.0/10, MS2.8/2, Error ellipse: s-maj=26.2km s-min=19.7km az=57.0

ISC 02 03:02:37.1:0.7, 5.24S:0.07:153.6E:0.1, h56km, n36, r190/34, mb4.3/15, New Ireland region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Rabaul, Port Moresby, Alice Springs, WAKE ISLAND, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VRAC Vranov, DAVOX Davos/Dischmat, GERES GERESS Array B, etc.

NEIC 02 04:05:16.7s, 1.20', 20.5S:0.2x17.7W:0.1', h506km, 7km, mb4.4/32, Error ellipse: s-maj=23.2km s-min=17.4km

az=161.0, IDC 02 04:05:19.6s, 1.4, 20.48S:177.96W, h540km, 13km, mb3.6/13, mbmtpp4.5/15, Error ellipse: s-maj=19.1km s-min=13.0km az=137.0

ISC 02 04:05:18.9s, 0.6, 20.5S:0.1x117.92W:0.09, h534km, n80, c=086/76, mb4.3/33, 11-10, F1J, Islands region

Main table of seismic events with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, MSVF 23nm, 0.9s, etc.

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

HLW 02 04:13:08.3, 27.67N:33.78E, h12km, 1km, Md2.9, M13.0 SGS 02 04:13:10.0, 27.70N:33.96E, h10km, M11.9

ISC 02 04:13:08.6s, 1.1, 27.73N:0.03x33.86E:0.04, h24km, 12km, n23, c135/28, Egypt

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TR1 Tor 1, HHRG Al Ghardaqah, HHRG Al Ghardaqah, etc.

IDC 02 04:31:52.3s, 1.3, 42.00N:142.56E, h0km, mb3.8/10, mbmp3.7/11, Error ellipse: s-maj=34.1km s-min=25.9km

JMA 02 04:32:00.7, 0.2, 41.9N:0.8:142.4E:0.8, h62km, 2km, MV3/3/5, S OFF URAKAWA

JMA Felt J1 at S OFF URAKAWA, NEIC 02 04:32:01.5s, 1.3, 41.91N:0.06x142.5E:0.1, h71km, 7km, mb4.2/7, Error ellipse: s-maj=14.7km s-min=8.4km

ISC 02 04:32:00.6, 0.8, 41.93N:0.04x142.42E:0.04, h63km, 7km, n45, c096/53, mb3.9/14, 15D, Hokkaido region

Main table of seismic events with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JNBK Urawaka-nobuka, JSHD Hidakashinida, JSHD Erimo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like INK comp=2.3, 1nm, 1.4s, ABKAR Abkulak array, YKA Yellowknife Arr, etc.

TEH 02 04:44:36.5, 38.33N:55.28E, h9km, ML3.6, Presumed earthquake

IDC 02 04:44:38.5, 2.7, 38.16N:55.28E, h0km, mb3.0/3, mbmp3.4/6, ML3.2/3, MS2.7/3, Error ellipse: s-maj=33.4km s-min=17.6km az=180.0

ISC 02 04:44:38.6, 0.8, 38.30N:0.06x53.8E:0.05, h10km, n30, ISC 02 04:45:28, Iran-Turkmenistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRVT Maraveh tapeh, IGLO Ghalgah, ISFR Sfrayin, etc.

AKTO 0.1nm, 0.3s, baz=113, slow=14, SNR=1.7

AAK Ala-Archa 15.17 67 LR

BVAR Borovoye Array 18.02 30 P

EIL Elat 18.97 249 LR

KURBB Kurchatov Arra 20.51 46 P

MKAR Makanchi Array 21.49 58 P

AKASG Malin Array Be 22.27 31 P

JMA 02 04:57:38.7, 0.1, 36.3N:0.3x137.6E:0.2, h7km, 1km, MV1.2/27, HIDA MOUNTAINS REGION, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JNG Nsakai, JNT Takato, JYTA Yamagatani, etc.

IDC 02 05:02:38.6, 1.3, 22.54N:143.48E, h0km, mb3.3/4, mbmtpp3.4/5, ML3.8/1, MS2.7/1, Error ellipse: s-maj=49.0km s-min=25.6km az=91.0, Volcano Islands region

JCJ Chichijima 4.69 346 P

KSRK Korea Array 20.02 321 LR

H1N1 WAKE ISLAND Hy 22.01 93 T

H1N2 WAKE ISLAND Hy 22.02 93 T

H1N3 WAKE ISLAND Hy 22.03 93 T

H1S3 WAKE ISLAND Hy 22.10 96 T

H1S4 WAKE ISLAND Hy 22.11 96 T

ASAR Alice Springs 46.86 192 P

MKAR Makanchi Array 54.34 312 P

ILAR Eielson Array 61.17 27 P

YKA Yellowknife Arr 75.59 28 P

BUT 02 05:16:07.7, 1.6, 44.28N:0.02x115.07W:0.02, h6km, 5km, Error ellipse: s-maj=3.1km s-min=2.0km az=189.0

NEIC 02 05:16:07.4, 1.1, 44.29N:0.01x115.07W:0.02, h12km, 10km, ML2.9/86, ML3.3/30(BUT), Error ellipse: s-maj=2.6km s-min=0.9km az=129.0

IDC 02 05:16:07.0, 0.9, 44.39N:1.15:01W, h0km, mbmtpp2.9/5, ML3.1/5, Error ellipse: s-maj=12.9km s-min=8.8km az=72.0

ISC 02 05:16:06.9, 1.3, 44.31N:0.03x115.06W:0.03, h3km, 12km, n69, c135/74, Western Idaho

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HLID Hailey, HLID 318nm, 0.2s, etc.

2020 MAY

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BCVI, CNCI, ICI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SPBC, CHIC, CHOC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CRPR, MLPR, CABRERA, etc.

DAV	Davao City (W)	14.08 342	LR	LR	07 19 42.8
WRA	Warramunga Arr	14.11 162	P	Pn	07 14 27.8 -1.3
WRA	0.7nm,0.4s,baz=340,slow=19,SNR=5.3		S	Sn	07 16 56.4 -8.1
ASAR	Alice Springs	17.56 168	P	Pn	07 15 12.3 +0.1
ASAR	0.9nm,0.5s,baz=345,slow=12,SNR=1.2		S	Sn	07 18 22.4 -5.6
JOW	Kunigami	33.11 357	LR	LR	07 30 55.0
MKAR	Makanchi Array	67.68 327	P	P	07 22 00.2 0.0
MKAR	0.4nm,0.4s,baz=128,slow=6.5,SNR=5.6		S	Sn	07 22 00.2 0.0

SKHL 02 07:13:42.8:0.6,48:90N:150:20E,h439km,7km,mb4.3/8,msH4.8/5

JMA 02 07:13:47.6:0.6,48:90N:150:20E,h411km,MV3.6/10,KURILE ISLANDS REGION

IDC 02 07:13:52.0:2.3,49:53N:149:26E,h409km,19km,mb3.9/18,mbtmp4.1/22,Error ellipse: s-maj=27.3km s-min=11.8km az=173.0

ANF 02 07:14:30.7:1.4,52:30N:152:06E,h545km,10km,Error ellipse: s-maj=16.6km s-min=5.1km az=47.0

ISC 02 07:13:50.8:0.5,48:52N:0:07:149:18E,0:08,h450km,n248,0:158/254,mb3.7/18,Northwest of Kuril Islands

Code	Station Name	Δ° AZ'	Phase ID	ISC Op P	Time h m s	Res ISC Δ.1
REI	Reidovoe	3.35 194	eP	P	07 14 59.7	
REI	40nm,0.3s		AMB	AMB	07 15 57.0	
KUR	Kuril'sk	3.41 196	eP	P	07 15 57.0	-0.2
KUR	50nm,0.6s		AMB	AMB	07 15 02.0	-1.5
KUR	40nm,0.5s		A	A	07 15 59.7	+1.1
KUR	40nm,0.5s		A	A	07 15 59.7	
YSS	Yuzhno-Sakhali	4.61 253	eP	P	07 15 11.4	0.0
YSS	20nm,0.4s		AMB	AMB	07 15 13.4	
YSS	20nm,0.3s		A	A	07 16 20.8	+3.7
YSS	20nm,0.3s		A	A	07 16 21.9	
UGL	Uglegorsk	4.73 279	eP	P	07 15 11.0	-1.5
UGL	80nm,0.7s		AMB	AMB	07 15 10.1	
TYV	Tymovskoe	4.84 301	eP	P	07 15 09.9	-3.6
TYV	30nm,0.8s		AMB	AMB	07 15 10.1	
SKR	Severo-Kuril's	5.01 62	eP	P	07 14 59.4	-1.6
SKR	20nm,0.5s		AMB	AMB	07 15 04.5	
SKR	30nm,0.4s		A	A	07 15 59.7	-2.4
SKR	40nm,0.4s		A	A	07 16 03.7	
SKR	40nm,0.4s		A	A	07 16 03.7	
NEM2	Nemuro 2	5.68 206	eP	P	07 15 19.6	-2.3
NEM2	4.28 210	eP	P	P	07 15 27.6	-0.4
NMR	Nemuro-Hokkai	5.68 206	eP	P	07 15 19.8	-2.1
PAU	Pauzhetka	5.74 56	eP	P	07 15 08.2	-1.4
PAU	30nm,0.7s		AMB	AMB	07 15 13.7	
PAU	20nm,0.4s		A	A	07 16 14.3	-2.3
PAU	20nm,0.4s		A	A	07 16 19.7	
JTKR	Abashiri-Toko	5.83 221	eP	P	07 15 24.4	+1.0
AKK	Akkeshi	6.28 210	eP	P	07 15 27.6	-0.4
JAK	Akkeshi	6.35 211	eP	P	07 15 28.2	-0.6
JAR	Ashoruboto	6.44 218	eP	P	07 16 46.6	-2.2
JAR	07 15 30.9	eP	P	P	07 15 30.9	+0.5
JOB	Onbets	6.75 216	eP	P	07 16 51.6	+1.1
JOB	07 15 33.1	eP	P	P	07 15 33.1	+0.2
PETK	Petropavlovsk-7.9nm,0.5s,baz=225,slow=7.3,SNR=9.2	7.09 46	eP	P	07 15 28.3	-8.0
JCH	Churui	7.17 217	eP	P	07 15 37.6	+0.2
JCH	07 17 03.6	eP	P	P	07 17 03.6	-1.1
JNBK	Urakawa-nobuka	7.70 218	eP	P	07 15 42.4	-0.6
JSI2	Shiura 2	9.71 223	eP	P	07 17 53.3	-1.8
JANG	Nango	9.81 217	eP	P	07 17 55.6	-1.4
JTH	Tanohata	10.12 4	eP	P	07 18 02.9	+1.0
MA2	Magadan	11.12 4	eP	P	07 16 08.5	-1.1
KLR	Kul'dur	11.50 280	P	P	07 16 26.0	+1.9
SEY	Seymchan	14.56 6	P	P	07 16 48.0	-8.8
SPIA	Saint Paul Is	25.64 55	P	P	07 18 45.0	+2.4
GAMB	Gambell	26.06 40	P	P	07 18 43.7	-2.5
UNV	Unalaska Valle	27.92 62	P	P	07 19 07.8	+5.1
M11K	Mekoryuk	27.95 48	P	P	07 19 03.0	+0.2
TNA	Tin City	28.13 37	P	P	07 19 01.9	-2.5
F14K	Arctic Creek	28.75 37	P	P	07 19 07.5	-2.4
K13K	Kusilvak Mount	28.85 45	P	P	07 19 09.9	-0.8
ANM	Nome	28.94 39	P	P	07 19 09.8	-1.7
M13K	Dall Lake	29.36 48	P	P	07 19 15.9	+0.6
J14K	Nanvananak Lak	29.45 43	P	P	07 19 15.1	-0.8
F15K	North Star Dit	29.48 37	P	P	07 19 13.9	-2.4
G15K	Niukluk	29.58 39	P	P	07 19 15.0	-2.1
FALS	False Pass	29.59 60	P	P	07 19 21.2	+4.0
L14K	Kuka Creek	29.74 46	P	P	07 19 18.6	+0.1
C16K	Lisburne Hills	29.91 32	P	P	07 19 17.1	-2.7
M14K	Bethel	30.06 48	P	P	07 19 21.5	+0.2
N14K	Kuskokwak Cree	30.19 49	P	P	07 19 23.2	+0.8
H16K	Elim	30.28 40	P	P	07 19 21.6	-1.6
L15K	Ungalak Mounta	30.33 46	P	P	07 19 23.2	-0.4
K15K	Wolf Creek Mou	30.34 45	P	P	07 19 22.8	-0.9
G16K	Koyuk River	30.36 38	P	P	07 19 22.0	-1.8
O14K	Tiguykaiueit M	30.41 51	P	P	07 19 25.7	+1.3
D17K	Noatak River	30.57 34	P	P	07 19 23.2	-2.4
M15K	Kasigluk River	30.69 48	P	P	07 19 27.4	+0.7
RDOG	Red Dog Mine	30.72 33	P	P	07 19 23.9	-3.0
C17K	DeLong Mountai	30.74 32	P	P	07 19 24.5	-2.6
J16K	Anvik River	30.84 43	P	P	07 19 27.3	-0.8
I17K	Unalakleet	30.86 41	P	P	07 19 27.2	-1.0
E17K	Hotham Inlet	30.89 35	P	P	07 19 25.8	-2.6
N15K	Kwethluk River	30.98 49	P	P	07 19 29.9	+0.5
F17K	Baldwin Pennin	30.99 36	P	P	07 19 27.2	-2.1
G17K	Kiwalik Mounta	31.08 38	P	P	07 19 28.3	-1.8
O15K	Ungalikthiuk R	31.15 51	P	P	07 19 32.2	+1.4
SDPT	Sand Point	31.19 58	P	P	07 19 35.0	+3.9

L16K	Owhat River	31.29 46	P	P	07 19 31.8	-0.1
H17K	Ganuk Mountain	31.31 40	P	P	07 19 30.8	-1.3
E18K	Tukpahleark C	31.43 35	P	P	07 19 31.1	-1.9
C18K	Utukok River	31.48 32	P	P	07 19 31.1	-2.6
M16K	Timber Creek	31.53 47	P	P	07 19 34.4	+0.3
J17K	VABM Dome	31.54 43	P	P	07 19 33.6	-0.4
N16K	Nisalak Lake	31.64 48	P	P	07 19 35.2	+0.3
F18K	Selawik	31.65 36	P	P	07 19 33.3	-1.6
K17K	Iltarod	31.86 44	P	P	07 19 35.8	-1.0
A19K	Wainwright	31.94 29	P	P	07 19 34.3	-3.0
G18K	Tagagawik	31.95 38	P	P	07 19 35.3	-2.3
H18K	Honhosa River	31.99 39	P	P	07 19 36.1	-1.8
O16K	Kokwok River B	32.02 50	P	P	07 19 38.7	+0.5
C19K	Lookout Ridge	32.16 32	P	P	07 19 36.9	-2.5
CHGN	Chignik	32.20 56	P	P	07 19 43.0	+3.2
M17K	Hollna River	32.26 46	P	P	07 19 41.0	+0.6
N17K	Nushagak Hills	32.42 48	P	P	07 19 42.4	+0.7
F19K	Shalerck Mo	32.42 36	P	P	07 19 39.2	-2.4
O17K	Koliganek Bris	32.51 49	P	P	07 19 43.6	+1.2
D19K	Kuna River	32.56 33	P	P	07 19 40.7	-2.1
L18K	Granite Mounta	32.60 45	P	P	07 19 43.5	+0.2
G19K	Purcell Mounta	32.61 37	P	P	07 19 40.9	-2.3
E19K	Redstone River	32.72 35	P	P	07 19 42.0	-2.1
H19K	Roundabout Mou	32.82 39	P	P	07 19 43.2	-1.7
P17K	Kvtiak River	32.89 50	P	P	07 19 47.2	+1.5
M18K	Stony River	33.03 46	P	P	07 19 47.3	+0.4
N18K	Kila Creek	33.05 48	P	P	07 19 47.7	+0.6
J19K	Poorman	33.10 42	P	P	07 19 45.6	-1.8
D20K	Etlivuk River	33.14 33	P	P	07 19 45.5	-2.2
B20K	Meade River	33.19 30	P	P	07 19 45.8	-2.2
E20K	Nigu River	33.22 34	P	P	07 19 46.1	-2.4
F20K	Avaraat Lake	33.25 36	P	P	07 19 46.6	-2.0
O18K	Koktuh Hills	33.45 49	P	P	07 19 51.1	+0.6
L19K	White Mountain	33.47 45	P	P	07 19 50.3	-0.3
H20K	Anotleneega Mo	33.47 39	P	P	07 19 48.8	-1.8
I20K	Naagdeneel	33.61 40	P	P	07 19 51.0	-0.7
A21K	Barrow	33.65 28	P	P	07 19 49.4	-2.6
M19K	Big River Lodg	33.70 45	P	P	07 19 52.6	-0.6
N19K	Bonanza Creek	33.73 47	P	P	07 19 53.3	+0.4
J20K	Nowinta River	33.75 41	P	P	07 19 51.7	-1.2
K20K	Telida	33.79 43	P	P	07 19 53.0	-0.4
CHIR	Chirikof Islan	33.82 56	P	P	07 19 56.9	+3.3
C21K	Knifalade Rid	33.86 32	P	P	07 19 51.8	-2.0
B21K	Ikipuk River	33.99 31	P	P	07 19 53.1	-1.7
E21K	Kilik River	34.06 34	P	P	07 19 53.4	-2.2
G21K	Allakaket	34.08 37	P	P	07 19 54.4	-1.4
A22K	Sinclair Lake	34.11 29	P	P	07 19 53.5	-2.3
F21K	Alatina River	34.14 36	P	P	07 19 54.1	-2.1
M20K	Styx River	34.29 45	P	P	07 19 58.0	+0.3
H21K	Melozitna Rive	34.34 39	P	P	07 19 55.8	-2.1
Q19K	Cape Douglas,	34.36 51	P	P	07 19 59.2	+1.0
B22K	Teshchepuk Lake	34.50 30	P	P	07 19 56.6	-2.6
CHUM	Lake Minchumin	34.56 42	P	P	07 19 59.2	-0.6
F22K	John River	34.66 35	P	P	07 19 58.5	-2.1
PPLA	Purkeypile	34.66 43	P	P	07 20 01.4	+0.5
I21K	Tanana	34.68 39	P	P	07 19 59.7	-1.0
E22K	Anaktuvuk Pass	34.84 34	P	P	07 19 59.9	-2.3
G22K	Bettles	34.89 36	P	P	07 20 00.9	-1.7
H22K	Ishlaltina Cre	34.93 38	P	P	07 20 01.4	-1.5
SKT	Skwentna	35.04 45	P	P	07 20 04.4	+0.6
BPAW	Bea Paw Mtn.	35.14 41	P	P	07 20 04.1	-0.6
MLY	Manley	35.21 40	P	P	07 20 03.9	-1.3
D23K	Nanulik River	35.31 33	P	P	07 20 04.7	-1.3
C23K	Ikilik River	35.40 31	P	P	07 20 04.8	-2.0
G23K	Bananza Creek	35.48 37	P	P	07 20 05.6	-1.9
TRF	Thorofare Moun	35.49 42	P	P	07 20 07.1	-0.6
CUT	Chulitna	35.59 44	P	P	07 20 08.5	+0.2
E23K	Chandalar	35.66 34	P	P	07 20 07.7	-1.3
H23K	Yukon River	35.68 38	P	P	07 20 07.9	-1.3
TOLK	Toolik Lake Re	35.69 33	P	P	07 20 06.9	-2.4
BRSE	Bradley Lake S	35.71 49	P	P	07 20 10.5	+1.1
I23K	Min Yukon-K	35.79 39	P	P	07 20 09.0	-1.0
NEA2	Nenana	35.94 40	P	P	07 20 09.7	-1.6
D24K	Happy Valley	35.98 33	P	P	07 20 09.5	-2.1
C24K	Franklin Bluff	36.05 32	P	P	07 20 10.1	-2.1
MCK	McKinley	36.07 42	P	P	07 20 11.6	-0.9
E24K	Your Creek	36.08 34	P	P	07 20 11.0	-1.5
O22K	Cooper Landing	36.09 47	P	P	07 20 13.0	+0.4
PMR	Palmer	36.22 45	P	P	07 20 13.9	+0.3
F24K	Squaw Lake	36.31 35	P	P	07 20 12.7	-1.8
WAT1	Susua Watana	36.33 43	P	P	07 20 13.9	-0.7
H24K	Noodor Dome	36.37 38	P	P	07 20 13.7	-1.3
G24K	Hadweenziak Riv	36.49 37	P	P	07 20 14.6	-1.3
KNK	Knik Glacier	36.56 46	P	P	07 20 16.7	+0.1

SML	Sawmill	36.56 45	P	P	07 20 16.7	+0.1
POKR	Poker Plat Res	36.60 39	P	P	07 20 15.6	-1.3
WAT6	Susua Watana	36.73 44	P	P	07 20 17.7	-0.5
DHY	Denali Highway	36.84 43	P	P	07	

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like SONM Songino Array, ARCES ARCESS Array B, HHC Hu-ho-hao-te, etc.

IDC 02 07:46:15.8, 7.8, 21.89S x 115.18E, h0km, mb3.4/1, mbtmp3.5/3, ML3.4/2, Error ellipse: s-maj=267.4km s-min=37.7km az=23.0, Western Australia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, MKAR Makanchi Array.

KOLA 02 07:48:59.8, 79.79N; 16.85E, h0km, ML2.5, Error ellipse: s-maj=14.5km s-min=11.0km az=20.0, Spitsbergen

BER 02 07:49:01.8, 3.5, 79.95N x 17.16E, h18km, 12km, ML2.2, MLO.0(DNK), ID, Confirmed Earthquake, Svalbard region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like KBS Kingsbay, SPAO Spitsbergen Ar, HSPB Hornsund (broa), etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like OMEGA Omega, BJO1 Bjornoya, NOR Nord, etc.

IDC 02 07:49:43.1, 2.1, 10.85S x 115.47E, h0km, mb3.6/5, mbtmp3.6/5, Error ellipse: s-maj=141.6km s-min=21.7km az=49.0, South of Bali

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

SOME 02 08:03:08.2, 40.87N, 83.10E, h5km NNC 02 08:03:10.7, 1.4, 41.13N, 83.19E, h6km, 5km, mb4.0, mpv3.7, Error ellipse: s-maj=12.2km s-min=8.6km az=18.0

ISC 02 08:03:11.3, 2.3, 41.00N, 0.10, 82.97E, 0.06, h10km, n37, c=232/49, 3C-4D, Xinjiang

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like KTMS Ketmen, SHLS Shalkode, PDGK Podgornoye, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like DGS Degeres, KRBS Karabastau, ZSN Zaisan, etc.

MEX 02 08:14:36.2, 0.6, 14.16N, 92.10W, h47km, 20km, MD3.8, Presumed earthquake

GCG 02 08:14:36.5, 0.8, 14.37N, 91.91W, h57km, 34km, MD3.5, Presumed earthquake

ISC 02 08:14:34.2, 2.8, 14.1N, 0.2, 92.05W, 0.08, h43km, 33km, n14, c111/22, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like RTAL Retalhuleu, SMCA Catarina, STGS El Palmar, etc.

AUST 02 08:29:49.7, 0.2, 34.5, 13.9E, h10km, ML3.5/21, Error ellipse: s-maj=3.7km s-min=2.2km az=74.9

NOU 02 08:29:49.3, 33.96S; 139.12E, h0km, MLv3.9/10, Near Coast of South Australia

IDC 02 08:29:53.8, 5.1, 33.27S x 138.90E, h0km, mbtmp3.4/4, ML3.3/4, Error ellipse: s-maj=60.5km s-min=20.6km az=177.0

ISC 02 08:29:49.8, 1.0, 33.95S, 0.03, 138.99E, 0.04, h27km, 9gkm, n39, c245/59, Near coast of South Australia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like HTT Hallett, AUJCS Jamestown Cent, GHSS Government Hou, etc.

comp=Z,0.3nm,0.4s
FITZ Fitzroy Crossi 19.79 320 P 08 34 18.7 +0.6
comp=Z,0.1nm,0.3s,baz=145,slow=7.7,SNR=2.7
comp=Z,3.7nm,0.9s

NSSD 02 08:41:19.5,38:33N,44:55E,h10km,M3.1
AFAD 02 08:41:20.7,38:56N,44:64E,h7km,5km,MW3.9
AZER 02 08:41:20.7,38:54N,44:48E,h2km,mL4.1
ISK 02 08:41:22.5,38:37N,44:56E,h4km,ML3.9/18
IDC 02 08:41:22.5,38:56N,44:43E,h0km,mb3.8/13,
mbtm3.7/20,ML3.7/4,MS2.9/10,Error ellipse:
s-maj=15.2km s-min=11.3km az=147.0
MOS 02 08:41:22.6,3,0,38:31N,44:59E,h11km,mb4.3/15,Error
ellipse: s-maj=7.0km s-min=4.6km az=85.7
TEH 02 08:41:22.4,38:50N,44:50E,h6km,63km,ML3.9,
Presumed earthquake
MCSM 02 08:41:23.0,8,4,38:56N,44:4E,h10km,mb4.0,MB4.7,
Mw(m)3.9
NEIC 02 08:41:24.1,1,4,38:54N,44:30E,0.07,h10km,2km,
mb4.1/15,Error ellipse: s-maj=9.9km s-min=8.3km
az=145.0
ISC 02 08:41:22.9,1.1,38:50N,0.02,44:41E,0.02,h3km,8km,
n208,cz=08/250,mb4.0/24,MS2.9/5,16C-16D,

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, s, ISC. Lists various seismic stations and their recorded data.

Main table of seismic events with columns: ASTR, Astar, Az, Az2, Phase ID, Time, Res, ISC, h, s, ISC. Lists numerous seismic events with their respective station codes and parameters.

Table of seismic events with columns: ARSB, Arslanbob, Az, Az2, Phase ID, Time, Res, ISC, h, s, ISC. Lists seismic events from the ARSB region and other stations.

2d 11h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ASAR, MKAR, KURBB, BATI, WRA, ASAR, PALK, MKAR, KURBB.

SOME 02 10:49:19.6, 42°20'N, 84°68'E, h15km
NCC 02 10:49:23.7, 2.8, 41°56'N, 84°05'E, h0km, mb3.9, mpv3.6,
Error ellipse: s-maj=19.2km s-min=16.3km az=154.0

Main table for 2d 11h section, listing various seismic stations and their data points.

2020 MAY

Main table for 2020 MAY section, listing various seismic stations and their data points.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ARCES, TORO, PLCA, AFI, WRA, ILAR.

IDC 02 10:58:38.2±11.0, 16°01'S, 173°36'W, h0km, mb3.3/3,
mbtmp3.3/4, ML2.9/1, Error ellipse: s-maj=500.3km
s-min=26.9km az=140.0, Tonga Islands

Main table for 2020 MAY section, listing various seismic stations and their data points.

BER 02 11:10:11.2±2.3, 67°22'N, 31°37'E, h0km, ML1.6, Suspected
explosion

HEL 02 11:10:15.4±0.2, 67°55'N, 30°39'E, h0km, ML1.6, Explosion
IDC 02 11:10:17.3±2.3, 67°49'N, 29°47'E, h0km, mbtmp2.7/2,
ML1.8/2, Error ellipse: s-maj=35.9km s-min=10.3km
az=79.0

KOLA 02 11:10:17.0±0.6, 67°58'N, 0°05'30"E, 0°09, h0km,
M2.3(MOS), The earthquakes of Russia in 2020. Obninsk,
GS RAS, 2022

ISC 02 11:10:14.8±0.8, 67°53'N, 0°02'30"E, 0°03, h0km, n38,
e1151/58, Baltic States-Belarus-Northwestern Russia

Main table for 2020 MAY section, listing various seismic stations and their data points.

Table with columns: Call Sign, Name, Time, Power, Mode, Frequency, and other details. Includes entries like CMBC Cumbal, TULM Tulcan-Chalpat, 553A Crawfordville, etc.

Table with columns: Call Sign, Name, Time, Power, Mode, Frequency, and other details. Includes entries like SFIN Lafayette, X40A Basin Creek Fa, WHAR Why Hole Wolly, etc.

Table with columns: Call Sign, Name, Time, Power, Mode, Frequency, and other details. Includes entries like SCHO Schefferville, SDBA SAO DESIDERIO, PP1B Ponte de Pedra, etc.

2d 11h

Table with columns: Station, Name, Time, Status, and other details. Includes stations like PLBC Pleasant Camp, UCC Uccle, N31M Braeburn, etc.

2020 MAY

Table with columns: Station, Name, Time, Status, and other details. Includes stations like BVCY Beaver Creek, BFO Black Forest, KASTN Kahir Astken, etc.

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Table with columns: Station, Name, Time, Status, and other details. Includes stations like ONAU Onsala, MOX Moxa, NEUB Neuenburg, etc.

KBS	Kingsbay	70.41	12	i	P			11 24 34.3	+1.7
KHC	Kasperske Hory	70.42	43	e	I	Amb		11 24 38.5	
KHC	Kasperske Hory	70.42	43	e	P			11 24 34.4	+1.1
KHC	Kasperske Hory	70.42	43	e	P			11 24 34.8	+1.5
KHC	Kasperske Hory	70.42	43	e	S			11 33 42.4	-3.8
KHC	Kasperske Hory	70.42	43	e	S			12 03 20.0	
KHC	Kasperske Hory	70.42	43	e	S			11 24 32.7	-0.6
KBA	Koelnbreinsper	70.45	46	e	P			11 24 33.0	-0.7
SML	Sawmill	70.46	330	e	P			11 24 32.8	-0.6
E24K	Your Creek	70.49	337	e	I	Amb		11 24 39.0	
E24K	Your Creek	70.49	337	e	P			11 24 33.4	-0.1
BRG	Bergjesshubel	70.51	42	e	P			11 24 33.7	-0.1
GEC2	GERESS Array S	70.53	44	e	P			11 24 33.8	-0.3
GERES	GERESS Array B	70.53	44	e	P			11 24 34.7	+0.7
GERES	GERESS Array B	70.53	44	e	P			11 53 30.6	
KNK	Knik Glacier	70.53	330	e	P			11 24 33.0	-0.7
WAT1	Susitna Watana	70.54	331	e	P			11 24 33.1	-0.7
STEI	Steigen	70.58	23	e	P			11 24 35.5	+1.7
BIOA	Bad Ischi, Aus	70.59	45	i	P			11 24 33.7	-0.7
FAUS	Fauske	70.59	24	e	P			11 24 35.8	+1.9
FAUS	Fauske	70.59	24	e	P			11 24 39.1	
C24K	Franklin Bluff	70.60	339	e	P			11 24 33.2	-0.7
D24K	Happy Valley	70.63	338	e	P			11 24 33.4	-0.8
PRED	Cave del Predi	70.66	46	e	I	Amb		11 24 39.4	
MYKA	Terra Mystica	70.69	46	e	P			11 24 34.1	-1.0
MCKA	McKinley	70.69	332	e	P			11 24 34.2	-0.5
NRC4	Norcia	70.73	50	e	P			11 24 34.6	-0.8
NRC4	Norcia	70.73	50	e	P			11 24 40.2	
NEA2	Nenana	70.74	333	e	P			11 24 34.1	-0.8
BSD	Bornholm Skovb	70.79	37	i	P			11 24 34.2	-1.1
CADS	Cadrj	70.80	46	e	P			11 24 35.2	+0.5
CADS	Cadrj	70.80	46	e	P			11 24 39.0	+0.3
PMR	Palmer	70.85	330	e	P			11 24 35.2	-0.3
PMR	Palmer	70.85	330	e	P			11 24 34.8	-0.8
I23K	Minto, Yukon-K	70.85	334	e	P			11 24 35.2	-0.7
TOLK	Toolik Lake Re	70.90	337	e	P			11 24 35.4	-0.6
H23K	Yukon River	70.92	334	e	P			11 24 43.1	
E23K	Chandler	70.92	337	e	P			11 24 35.5	-0.6
E23K	Chandler	70.92	337	e	P			11 24 36.1	-0.4
VOJS	Vojsko	70.92	47	e	S			11 33 54.4	+2.2
CKRC	Cesky Krumlov	70.93	44	e	P			11 24 37.1	+0.7
CKRC	Cesky Krumlov	70.93	44	e	P			11 24 37.1	+0.7
CKRC	Cesky Krumlov	70.93	44	e	P			11 52 50.0	
PVCC	Panska Ves	70.94	42	e	P			11 24 37.8	+1.4
PVCC	Panska Ves	70.94	42	e	P			11 54 40.0	
PVCC	Panska Ves	70.94	42	e	P			11 24 37.7	+1.1
PRU	Pruhonice	70.97	42	e	P			11 24 37.7	+1.1
PRU	Pruhonice	70.97	42	e	P			11 59 10.0	
MOA	Molin	71.00	45	e	P			11 24 36.0	-0.8
SEW	Seward	71.07	328	e	P			11 24 36.6	-0.4
G23K	Bananza Creek	71.09	335	e	P			11 24 36.7	-0.4
G23K	Bananza Creek	71.09	335	e	P			11 24 36.7	-0.4
RC01	Rabbit Creek A	71.16	329	e	I	Amb		11 24 42.8	
RC01	Rabbit Creek A	71.16	329	e	P			11 24 37.0	-0.5
O22K	Cooper Landing	71.19	329	e	P			11 24 37.1	-0.6
SPITS	Spitsbergen Ar	71.22	12	e	P			11 24 38.1	+0.5
SPITS	Spitsbergen Ar	71.22	12	e	P			11 55 04.3	
C23K	Iktilik River	71.26	339	e	P			11 24 37.7	-0.3
MOZS	Mozjanca	71.28	46	i	P			11 24 42.1	+0.5
D23K	Nanushuk River	71.30	338	e	P			11 24 38.1	-0.1
D23K	Nanushuk River	71.30	338	e	P			11 24 38.2	-0.4
M22K	Willow	71.31	330	e	P			11 24 37.6	-0.7
OBKA	Obir	71.33	46	i	P			11 24 38.3	-0.6
CUT	Chulitna	71.35	331	e	P			11 24 37.9	-0.7
SLKM	Skilak Lake	71.43	329	e	I	Amb		11 24 44.4	
MLY	Manley	71.44	334	e	P			11 24 38.5	-0.7
MLY	Manley	71.44	334	e	P			11 24 47.0	
L22K	Petersville	71.58	331	e	P			11 24 39.2	-0.9
L22K	Petersville	71.58	331	e	P			11 24 39.2	-0.9
BPWA	Bear Paw Mtn.	71.59	333	e	P			11 24 40.7	+0.1
GBRS	Gornja Briga	71.62	47	i	P			11 24 44.7	+0.1
GBRS	Gornja Briga	71.62	47	i	P			11 34 01.0	+0.7
SOKA	Soboth	71.64	46	i	P			11 24 39.8	-1.1
TREC	Trest	71.65	43	e	S			11 53 40.0	
H22K	Ishlaltina Cre	71.67	334	e	P			11 24 46.4	
H22K	Ishlaltina Cre	71.67	334	e	P			11 24 39.9	-0.6
G22K	Bettles	71.67	336	e	P			11 24 39.9	-0.6
E22K	Anaktuvuk Pass	71.74	337	e	P			11 24 39.3	-1.7
BRSE	Bradley Lake S	71.74	328	e	P			11 24 40.6	-0.4
BRLC	Bradley Lake	71.81	328	e	I	Amb		11 24 46.8	
UPUC	Udice	71.86	42	e	P			11 24 42.8	+0.9
UPUC	Udice	71.86	42	e	P			11 24 42.8	+0.9

UPC	Udice	71.86	42	e	P			11 24 42.8	+0.9
CAPN	Captain Cook N	71.87	329	e	P			11 24 41.7	0.0
CHVC	Chvalc	71.88	42	e	S			11 55 40.0	
TRO	Tromso	71.89	22	e	P			11 24 43.4	+1.6
F22K	John River	71.91	336	e	P			11 24 40.3	-1.6
ARSA	Arzberg	71.91	45	e	P			11 24 41.4	-0.9
I21K	Tana	71.96	334	e	P			11 24 41.4	-0.9
SKT	Skwentna	71.97	330	e	I	Amb		11 24 47.5	
SKT	Skwentna	71.97	330	e	P			11 24 41.6	-0.8
OSTC	Ostas	71.98	42	e	P			11 24 43.5	+0.8
OSTC	Ostas	71.98	42	e	P			11 24 43.5	+0.8
OSTC	Ostas	71.98	42	e	P			11 55 40.0	
KSP	Ksiaz	72.00	41	e	P			11 24 43.2	+0.5
KSP	Ksiaz	72.00	41	e	P			11 24 42.2	-0.6
CONA	Conrad Observa	72.05	45	i	P			11 24 42.8	-0.5
DPC	Dobruska-Polom	72.07	42	e	P			11 24 44.4	+1.1
DPC	Dobruska-Polom	72.07	42	e	P			11 34 05.3	0.0
DPC	Dobruska-Polom	72.07	42	e	P			11 55 30.0	
DPC	Dobruska-Polom	72.07	42	e	P			11 24 42.3	-1.0
STLK	Strandline Lak	72.14	330	e	I	Amb		11 24 48.9	
CHUM	Lake Minotmin	72.19	332	e	P			11 24 42.7	-0.9
PPLA	Purkeypile	72.20	331	e	P			11 24 43.1	-0.8
HOM	Homer	72.20	328	e	P			11 24 43.6	-0.2
B22K	Teshkepuk Lake	72.21	339	e	P			11 24 43.3	-0.3
H21K	Meloztina Riv	72.27	334	e	P			11 24 43.4	-0.7
KRUC	Moravsky	72.27	43	e	P			11 24 44.5	+0.1
GKP	Gorka Klastorz	72.31	39	e	P			11 24 45.5	+0.9
VRAC	Vranov	72.37	43	e	P			11 52 05.6	
VRAC	Vranov	72.37	43	e	P			11 24 46.1	+1.0
VRAC	Vranov	72.37	43	e	P			11 24 45.0	-0.1
RONA	Rosalia, Austr	72.37	45	e	P			11 24 44.3	-0.8
KRLC	Kraik	72.40	42	e	S			11 57 40.0	
JETT	Jettan, Norway	72.42	22	e	P			11 24 46.2	+1.2
F21K	Alatina River	72.43	336	e	P			11 24 44.4	-0.6
VAE	Valguenera	72.47	56	e	LR			11 52 18.8	
G21K	Allakaket	72.49	335	e	P			11 24 45.3	-0.2
E21K	Killik River	72.52	337	e	I	Amb		11 24 49.4	
E21K	Killik River	72.52	337	e	P			11 24 44.1	-1.5
IMAR	Indian Moutai	72.63	335	e	P			11 24 45.5	-0.8
O20K	Slope Moutai	72.66	328	e	P			11 24 46.8	+0.2
B21K	Ikpiuk River	72.67	338	e	P			11 24 46.1	-0.3
A22K	Sinclair Lake	72.68	340	e	P			11 24 46.3	-0.2
M20K	Styx River	72.73	330	e	P			11 24 46.0	-1.0
C21K	Knifblade Rid	72.76	338	e	P			11 24 46.6	-0.4
KDAD	Kodiak Island	72.88	326	e	P			11 24 48.3	+0.4
KDAD	Kodiak Island	72.88	326	e	P			11 24 47.5	-0.3
MORC	Moravsky Berou	72.92	42	e	P			11 24 49.7	+1.3
MORC	Moravsky Berou	72.92	42	e	P			11 24 53.8	
MORC	Moravsky Berou	72.92	42	e	P			11 24 48.4	0.0
ILSW	Iliamna Sout	72.93	328	e	I	Amb		11 24 54.8	
MODS	Modra-Piesok	72.94	44	e	P			11 24 48.8	+0.4
MODS	Modra-Piesok	72.94	44	e	P			11 24 52.9	
MODS	Modra-Piesok	72.94	44	e	P			11 24 48.8	+0.4
J20K	Nowinta River	72.96	333	e	I	Amb		11 24 52.0	
J20K	Nowinta River	72.96	333	e	P			11 24 47.3	-1.0
K20K	Telida	73.01	332	e	P			11 24 47.1	-1.5
SMOL	Smolence	73.02	44	e	P			11 24 49.7	+0.8
SMOL	Smolence	73.02	44	e	P			11 24 53.7	
I20K	Naaghdene	73.05	333	e	P			11 24 50.2	+1.1
I20K	Naaghdene	73.05	333	e	P			11 24 51.1	+1.5
I20K	Naaghdene	73.05	333	e	P			11 24 48.5	-0.8
MAUC	Maruska	73.16	43	e	P			11 24 51.4	+1.6
HOPEN	Hopen	73.17	14	e	P			11 24 50.8	+1.5
A21K	Barrow	73.18	340	e	P			11 24 47.8	-0.8
MPLH	Magyarpolny	73.28	45	e	P			11 24 50.3	-0.2
Q19K	Cape Douglas	73.30	327	e	P			11 24 49.8	-0.6
OKC	Ostrava-Krasne	73.30	42	e	S			12 04 00.0	
F20K	Avaraat Lake	73.32	336	e	I	Amb		11 25 03.0	
F20K	Avaraat Lake	73.32	336	e	P			11 24 49.7	-0.6
M19K	Big River Lodg	73.32	330	e	P			11 24 49.7	-0.8
OHAK	Old Harbor	73.32	325	e	I	Amb		11 24 56.1	
OHAK	Old Harbor	73.32	325	e	P			11 24 50.5	0.0
E20K	Niga River	73.36	337	e	P			11 24 49.7	-0.9
HAMF	Hammerfest	73.44	20	e	P			11 24 53.0	+2.1
H									

2020 MAY

CADR Cabrera 3.56 3017 ePg 1eSg IAML	11 20 27.1 11 21 11.0 11 21 27.6	comp=Z,0.8nm,0.6s,baz=280,slow=5.0,SNR=6.3 comp=Z,0.8nm,0.6s	U35K Hyder 60.48 325 P P	11 29 38.2 -0.1	I27K Kandik River 67.64 334 P P	11 30 25.4 +0.1
ABDR Alto Bandera 3.86 2851 ePg IAML	11 20 32.6 11 21 21.7		T35M Bob Quinn 60.83 326 P P	11 29 40.7 0.0	H27K Steamboat Moun 67.67 335 P P	11 30 25.6 +0.1
SC01 Santiago de los Presas de Saban 4.13 293 Pn Pn 4.51 285 Pn Pn 4.51 2851 ePg IAML	11 20 34.5 +3.1 11 20 36.8 +0.2 11 20 43.1 11 21 50.8		DLBC Dease Lake 61.04 328 P P	11 29 42.0 -0.2	G27K Doyon Strip 67.79 336 P P	11 30 26.9 +0.7
ANWB Willy Bob 4.67 92 Pn Pn	11 20 38.9 0.0 11 20 45.4 -0.2 11 21 25.0		DBIC Dimbokro 61.20 92 P P	11 29 43.8 -0.1	D27M Malcolm River 67.85 338 P P	11 30 27.6 +1.1
ABD La Joyeuse, An 5.16 105 Pn Pn	11 20 38.9 0.0 11 20 45.4 -0.2 11 21 25.0		DBIC Dimbokro 61.20 92 P Iamb Iamb	11 29 43.9 0.0 11 29 45.3	MCARA McCarthy VSRAT 67.93 330 P P	11 30 27.9 +0.8
ABD comp=N,476nm,3.4s IAML	11 22 34.9		V35K Ketchikan 61.25 324 P P	11 29 43.4 -0.1	CRQE Cirque 67.93 329 P P	11 30 27.5 +0.2
MAGL Barre de l'ile Santo Domingo 5.51 110 Pn Pn 9.73 204 Pn Pn	11 20 53.2 +2.7 11 21 53.9 -4.6		S34M Telegraph Cree 61.49 327 P P	11 29 45.3 +0.2	E27K Coleen River 67.94 337 P P	11 30 27.4 +0.3
BBSR BB Station 14.54 7 Pn Pn	11 22 52.7 -1.4		R33M Jennings River 61.73 328 P P	11 29 45.5 -0.4	M26K Nabesna, AK 67.98 331 Iamb Iamb	11 30 56.1
ROSC El Rosal 19.56 211 Pn Pn	11 22 57.5 -2.7		DBG Daneborg 61.83 13 I P Iamb Iamb	11 29 48.4 +1.3 11 29 53.3	M26K Nabesna, AK 67.98 331 P P	11 30 27.7 +0.2
656A Williston 18.46 311 P P	11 23 44.2 0.0 11 23 56.9		CRAG Craig 62.12 324 P P	11 29 49.7 +0.3	L26K Log Cabin Wild 68.18 331 P P	11 30 29.2 +0.5
MDP Montagnes des Las Juntas de 19.25 249 P P	11 23 52.0 -1.0		C36M Paulatuk 62.14 340 P P	11 29 49.4 +0.1	I26K Coal Creek Min 68.25 334 P P	11 30 29.4 +0.3
JTS Las Juntas de 19.25 249 P P	11 23 52.0 -1.0		U33K Whale Pass 62.23 325 P P	11 29 50.1 0.0	GLB Gilaoha Butte 68.31 330 Iamb Iamb	11 30 34.1
JTS Charleston Sou 19.27 324 P Pn	11 23 55.3 +1.3 11 23 53.3 +0.2 11 23 52.0 -2.7 11 24 00.7 -0.2 11 24 13.1 +0.5 11 24 20.0		Q32M Nakina River 62.29 328 P P	11 29 50.7 -0.1	SCRK Sand Creek 68.52 332 P P	11 30 31.4 +0.4
CHS New Hope 19.42 324 P P	11 23 55.3 +1.3 11 23 53.3 +0.2 11 23 52.0 -2.7 11 24 00.7 -0.2 11 24 13.1 +0.5 11 24 20.0		P33M Teslin, Yukon 62.82 329 P P	11 29 54.4 +0.2 11 29 58.6	KAIM Kayak Island 68.56 328 P P	11 30 31.6 +0.5
JUD3 Otavalo 21.00 215 Iamb Iamb	11 24 20.0		P33M Teslin, Yukon 62.82 329 P P	11 29 54.4 +0.2 11 29 58.6	KEST Kesra 68.63 58 P P	11 30 32.5 +0.4
SLOR San Lorenzo - Busby, Fairmout 21.84 213 P P 23.85 353 P P	11 24 22.6 +1.0 11 24 42.3 +0.6		P33M Teslin, Yukon 62.82 329 P P	11 29 54.4 +0.2 11 29 58.6	G26K Porcupine Rive 68.64 336 P P	11 30 30.9 -0.6
W35A Cruzeiro do Su Tecumseh 21.63 194 P P 31.85 309 Iamb Iamb	11 25 04.0 +1.2 11 25 55.2		N32M Quiet Lake 63.14 320 P P	11 29 56.2 0.0	NB2 NORSAR Subarra 68.67 31 P P	11 30 33.7 +1.9
FNO Franklin 32.29 309 Iamb Iamb	11 26 00.8		P32M Atlin 63.14 328 Iamb Iamb	11 29 58.2	NOA NORSAR Array B 68.67 31 P P	11 30 32.5 +0.7
WMOK Wichita Mounta 33.12 307 Iamb Iamb	11 26 08.0		P32M Atlin 63.14 328 P P	11 29 58.2	BMRM Bremner River 68.68 329 P P	11 30 31.1 +0.2
LPAZ La Paz 33.98 182 P P	11 26 13.8 +0.8		S32K Killisnoo 63.23 326 P P	11 29 57.8 +1.0	F26K Sheenjek River 68.84 336 P P	11 30 32.8 0.0
POST Post 34.69 303 Iamb Iamb	11 26 20.8		R32K Eaglecrest 63.33 327 P P	11 29 58.0 +0.5	C27K Jago River 68.86 339 P P	11 30 36.5
MNHN Monahans 35.27 299 Iamb Iamb	11 26 33.1		SIT Sitka 63.57 325 P P	11 29 59.3 +0.3	RIDG Independent Ri 68.89 332 P P	11 30 32.9 -0.2
TXAR Lajitas Array 35.61 296 P P	11 26 27.4 +0.9		DAG Danmarks Havn 63.67 11 P Iamb Iamb	11 29 59.5 +0.1 11 30 04.5	HARP HAARP 68.98 331 P P	11 30 33.9 +0.2
TXAR comp=Z,2.6nm,0.9s,baz=113,slow=6.1,SNR=13	11 28 56.1 +0.7		WHY Whitehorse 63.91 329 P P	11 30 01.4 0.0	PAX Paxson 69.14 331 Iamb Iamb	11 30 32.9 +0.2
TXAR comp=Z,1.4nm,0.9s,baz=123,slow=6.1,SNR=7.4	11 32 42.2 +0.3		SKAG Skagway 63.93 328 P P	11 30 02.3 +0.9	PAX Paxson 69.14 331 P P	11 30 34.9 +0.1
TX31 Lajitas Ar, Si 35.61 296 Iamb Iamb	11 26 40.4		M31M Drury Creek, Y 63.97 331 P P	11 30 02.8 +1.1	J25K Salcha River, 69.15 333 Iamb Iamb	11 30 38.4
MSTX Muleshoe 35.98 304 Iamb Iamb	11 26 31.7		S31K Pelican 64.18 326 P P	11 30 03.2 +0.2	J25K Salcha River, 69.15 333 P P	11 30 34.7 -0.1
ECSD EROS Data Cent 36.06 322 Iamb Iamb	11 26 35.9		PLBC Pleasant Camp 64.45 328 P P	11 30 05.1 +0.3	EYAK Cordova Ski Ar 69.24 329 P P	11 30 35.5 +0.3
PB16 IPOC Station P 36.09 185 Iamb Iamb	11 26 39.0		N31M Braeburn, Yuko 64.48 330 Iamb Iamb	11 30 09.8	PRP Porcupine Dome 69.26 334 P P	11 30 36.3 +0.7
SCHO Schefferville 36.88 360 P P	11 26 39.0 +2.1		N31M Braeburn, Yuko 64.48 330 P P	11 30 09.8	PRP Porcupine Dome 69.26 334 P P	11 30 35.9 -0.6
GO01 Chusmiza 37.39 184 Iamb Iamb	11 26 44.4		DOU Dourbes 64.52 43 dP P	11 30 09.8	C26K Camden Bay 69.26 339 P P	11 30 35.5 0.0
TA01 Diego Aracena 38.36 185 Iamb Iamb	11 26 50.4		O30N Mendenhall 64.52 329 P P	11 30 05.7 +0.4	K24K Donnelly Dome 69.31 332 P P	11 30 36.2 +0.5
PB02 IPOC Station P 39.08 185 Iamb Iamb	11 26 57.7		BMRD Mareduous 64.64 42 dP P	11 30 05.2 -1.0	KLU Klutina 69.33 330 Iamb Iamb	11 30 39.9
ULM Lac du Bonnet 39.85 331 P P	11 27 03.1 +1.1		H31M Peel River 64.71 335 P P	11 30 06.9 +0.5	KLU Klutina 69.33 330 P P	11 30 35.9 0.0
PDAR Pinedale Array 43.91 314 P P	11 27 36.5 +0.9		P30M Million Dollar 64.85 329 P P	11 30 07.8 +0.3	F25K Christian River 69.41 336 Iamb Iamb	11 30 40.4
PDAR comp=Z,2.4nm,0.8s,baz=111,slow=5.0,SNR=7.5	11 27 35.2 -0.4 11 27 42.4 -0.7		F31M Tsigheitchik 64.87 337 Iamb Iamb	11 30 10.5	F25K Christian River 69.41 336 P P	11 30 36.3 0.0
PDAR comp=Z,1.6nm,0.8s,baz=119,slow=7.4,SNR=13	11 27 45.1 +1.4 11 27 44.2 -0.7 11 27 47.6 0.0 11 27 49.4		F31M Tsigheitchik 64.87 337 P P	11 30 07.9 +0.6	E25K Arctic Village 69.41 337 P P	11 30 36.4 +0.1
LOHW Long Hollow 44.93 314 P P	11 27 45.1 +1.4		G31M Satah River 64.94 336 Iamb Iamb	11 30 11.0	M24K Tolsona, Glenn 69.45 330 P P	11 30 36.7 0.0
MOOW Moose Ponds 45.08 315 P P	11 27 44.2 -0.7		G31M Satah River 64.94 336 P P	11 30 07.6 -0.2	G25K Bearman Lake 69.55 335 P P	11 30 37.1 +0.1
FCC Fort Churchill 45.49 340 Iamb Iamb	11 27 47.6 0.0 11 27 49.4		INK Inuvik 65.01 338 P P	11 30 07.9 -0.4	D25K Kavik River 69.77 338 Iamb Iamb	11 30 42.0
FFC Fin Flon 45.62 332 P P	11 27 48.0 -0.7		N30M Aishik Lake 65.10 330 P P	11 30 09.0 -0.1	D25K Kavik River 69.77 338 P P	11 30 38.8 +0.3
BGU Big Grassy Mou 45.79 310 Iamb Iamb	11 27 52.7		M30M Minto, Yukon 65.14 331 Iamb Iamb	11 30 13.4	IL31 Elison Array 69.81 333 P P	11 30 42.1
CO01 Juntas del Tor 47.69 184 Iamb Iamb	11 28 05.7 +0.2 11 28 08.6		M30M Minto, Yukon 65.14 331 P P	11 30 09.4 +0.1	ILAR Elison Array 69.81 333 P P	11 30 38.8 0.0
CO03 El Pedregal 48.59 185 P P	11 28 12.3 +0.1 11 28 18.6		HYT Haines Junction 65.21 329 P P	11 30 11.0 +1.1	HDA Harding Lake 69.83 333 P P	11 30 39.2 +0.3
ZON Zonda 49.18 182 Iamb Iamb	11 28 18.6		J30M Hart River 65.28 334 P P	11 30 11.0 +0.7	CLL Collin 69.85 41 eP P	11 30 39.0 -0.2
NVAR Mina Array Bea 49.21 306 P P	11 28 18.4 +1.1		I30M Mount Dempster 65.42 334 P P	11 30 11.7 +0.5	HFS Hagfors 69.89 32 P P	11 30 39.9 +0.6
NVAR comp=Z,4.0nm,1.0s,baz=90,slow=6.4,SNR=8.3	11 29 41.4 +1.0		MEM Membach 65.44 42 dP P	11 30 13.2 +1.8	GLI Glacier Island 69.90 329 P P	11 30 39.2 -0.2
NVAR comp=Z,1.0nm,0.8s,baz=92,slow=1.8,SNR=1.7	11 33 07.0 +0.8		YUK6 Outpost Mounta 65.64 329 P P	11 30 13.4 +0.5	SCM Sheep Creek Mo 70.00 330 P P	11 30 39.5 -0.6
NVAR comp=Z,1.0nm,1.0s,baz=83,slow=4.5,SNR=3.6	11 28 16.6 -0.7 11 28 22.1 +0.4 11 28 26.7		K29M Barlow Dome 65.67 333 P P	11 30 12.4 -0.4	DHY Denali Highway 70.01 331 Iamb Iamb	11 30 44.2
CO04 Los Peladeros 49.81 185 P P	11 28 26.7		O29M Mount Kennedy 65.67 329 P P	11 30 12.4 -0.5	DHY Denali Highway 70.01 331 P P	11 30 40.0 -0.2
SFJD Kangerlussuaq 50.19 8 I P Iamb Iamb	11 28 25.3 +1.4 11 28 26.1		F30M Barrier River 65.67 337 P P	11 30 13.4 +0.8	POKR Poker Plat Res 70.05 334 P P	11 30 40.5 +0.3
VA03 San Esteban 50.49 184 P P	11 28 27.1 +0.4 11 28 32.3		G30M Aah, Zraii Nji 65.70 336 P P	11 30 12.5 -0.4	G24K Hadezevic River 70.09 335 P P	11 30 40.6 +0.1
VA03 comp=Z,1.5nm,0.8s	11 28 29.4 +0.6 11 28 32.7 +1.0 11 28 38.2		TORD Torodi Ar, Bea 65.75 83 P P	11 30 13.3 -0.7	WAT6 Susitna Watana 70.18 331 P P	11 30 41.2 -0.1
NEW Newport 50.78 318 P P	11 28 29.4 +0.6		EPYK Eagle Plains 65.78 335 P P	11 30 14.1 +0.7	M23K Glacier View 70.19 330 P P	11 30 41.2 +0.1
MT08 Bocatoma Ro 51.13 184 P P	11 28 32.7 +1.0		L29M L29M 65.82 332 P P	11 30 14.2 +0.4	H24K Noodor Dome 70.24 334 Iamb Iamb	11 30 46.0
BO01 Tunca 51.71 184 Iamb Iamb	11 28 38.2		YUK4 Talbot Arm 65.83 330 P P	11 30 14.1 +0.1	H24K Noodor Dome 70.24 334 P P	11 30 41.5 +0.1
ILULI Ilulissat 52.23 7 P P	11 28 39.7 +0.5 11 28 44.9		M29M Somme Creek 65.88 331 P P	11 30 14.6 +0.4	F24K Squaw Lake 70.27 336 Iamb Iamb	11 30 45.1
ILULI Ilulissat 52.23 7 I P Iamb Iamb	11 28 44.9		ACRG Accra 65.92 92 P P	11 30 15.1 0.0	F24K Squaw Lake 70.27 336 P P	11 30 42.2 +0.7
ILULI Ilulissat 52.23 7 P P	11 28 44.9		BRWY Burwash Landin 66.02 330 P P	11 30 14.8 -0.2	SML Sawmill 70.47 336 P P	11 30 43.0 0.0
BO02 Sierra Bellavi 52.52 184 Iamb Iamb	11 28 44.1		J29M Klondike Camp 66.06 333 P P	11 30 16.1 +0.8	GERES GERESS Array B 70.48 44 P P	11 30 43.2 -0.1
H04A Detroit Lake 53.23 313 Iamb Iamb	11 28 49.2		I29M Ogilvie Camp, 66.24 334 P P	11 30 16.7 +0.3	E24K Your Creek 70.50 337 P P	11 30 43.3 +0.2
YKA Yellowknife Ar 55.49 335 P P	11 29 02.8 -0.4		YUK8 Steele Glacier 66.36 330 P P	11 30 17.3 -0.2	KNK Knik Glacier 70.55 330 P P	11 30 43.4 0.0
YKA Yellowknife Ar 55.49 335 P P	11 29 02.8 -0.4		G29M Pine Creek 66.39 336 P P	11 30 17.2 -0.1	WAT1 Susitna Watana 70.55 331 P P	11 30 43.0 -0.4
YKA comp=Z,1.4nm,0.8s,baz=110,slow=4.0,SNR=5.3	11 29 03.0 -0.1 11 29 15.0 +0.2 11 29 17.9		H29M Whitestone 66.41 335 Iamb Iamb	11 30 17.6 +0.2	C24K Franklin Bluff 70.60 339 P P	11 30 44.3 +0.8
YKA Summit 57.06 10 I P Iamb Iamb	11 29 22.2 +1.1		PINM Pinnacle 66.48 328 P P	11 30 18.1 0.0	D24K Happy Valley 70.64 338 P P	11 30 44.5 +0.8
ESDC Sonseca Array 57.94 54 P P	11 29 20.9 -0.2 11 29 20.9 -0.2 11 29 23.3		O28M Mount Upton 66.51 329 P P	11 30 18.8 +0.3	MCK McKinley 70.71 332 Iamb Iamb	11 30 47.7
ESDC Sonseca Array 57.94 54 P P	11 29 20.9 -0.2 11 29 23.3		E29M Blow River 66.61 338 P P	11 30 18.6 0.0	MCK McKinley 70.71 332 P P	11 30 44.7 +0.4
ESBB Sonseca Array 57.94 54 P P	11 29 20.9 -0.2 11 29 23.3		YUK3 Moose Creek 66.74 330 P P	11 30 20.2 +0.3	NEA2 Nenana 70.75 333 P P	11 30 44.8 +0.3
						

C23K	Ikiliik River	71.27 339	P	P	11 30 47.8 +0.2
D23K	Nanushuk River	71.31 338	Iamb	Iamb	11 30 52.0
D23K	Nanushuk River	71.31 338	P	P	11 30 48.0 +0.2
TRF	Thorofare Moun	71.32 332	P	P	11 30 48.1 -0.1
M22K	Willow	71.33 330	P	P	11 30 47.9 -0.2
CUT	Chulitna	71.36 331	P	P	11 30 48.3 +0.1
MLY	Manley	71.45 334	Iamb	Iamb	11 30 52.7
MLY	Manley	71.45 334	P	P	11 30 48.6 -0.2
L22K	Petersville	71.59 331	Iamb	Iamb	11 30 52.3
L22K	Petersville	71.59 331	P	P	11 30 49.2 -0.6
BPAW	Bear Paw Mtn	71.60 333	Iamb	Iamb	11 30 52.9
BPAW	Bear Paw Mtn	71.60 333	P	P	11 30 49.1 -0.6
H22K	Ishatitna Cre	71.68 334	P	P	11 30 50.0 -0.2
G22K	Bettles	71.68 336	P	P	11 30 50.5 +0.4
E22K	Anaktuvuk Pass	71.75 337	P	P	11 30 50.5 -0.1
BRSE	Bradley Lake S	71.76 328	P	P	11 30 50.1 -0.7
F22K	John River	71.92 336	P	P	11 30 51.3 -0.3
I21K	Tanana	71.97 334	Iamb	Iamb	11 30 55.1
I21K	Tanana	71.97 334	P	P	11 30 51.0 -0.8
SKT	Skwentna	71.98 330	Iamb	Iamb	11 30 55.2
SKT	Skwentna	71.98 330	P	P	11 30 51.2 -0.8
CNPM	China Poot	72.03 328	Iamb	Iamb	11 30 54.0
STLK	Strandline Lak	72.16 330	Iamb	Iamb	11 30 57.1
CHUM	Lake Minchum	72.20 332	P	P	11 30 52.8 -0.4
B22K	Teshkepkuk Lake	72.21 339	P	P	11 30 53.4 +0.2
PPLA	Purkeypile	72.22 331	P	P	11 30 52.8 -0.8
HOM	Home	72.22 328	P	P	11 30 53.5 +0.1
H21K	Melozitna Rive	72.28 334	P	P	11 30 53.8 +0.1
F21K	Alatna River	72.44 336	P	P	11 30 54.8 +0.1
G21K	Allakaket	72.50 335	P	P	11 30 55.4 +0.4
E21K	Killik River	72.53 337	P	P	11 30 55.5 +0.2
IMAR	Indian Mountai	72.64 335	P	P	11 30 56.1 +0.2
B21K	Ikpikpuk River	72.67 338	Iamb	Iamb	11 30 59.4
B21K	Ikpikpuk River	72.67 338	P	P	11 30 56.2 +0.2
O20K	Slope Mountain	72.67 328	P	P	11 30 56.2 -0.1
A22K	Sinclair Lake	72.69 340	P	P	11 30 56.8 +0.8
RED	Redoubt Volcan	72.71 329	Iamb	Iamb	11 30 57.4
M20K	Styx River	72.74 330	P	P	11 30 56.8 +0.1
C21K	Knifeflade Rid	72.77 338	P	P	11 30 57.2 +0.6
MORC	Moravsky Berou	72.88 42	P	P	11 30 57.6 -0.1
MORC	Modra-Piesok	72.89 44	eP	P	11 30 59.2 +1.5
ILSW	Ilanma Southw	72.94 328	Iamb	Iamb	11 31 01.2
J20K	Nowitza River	72.98 333	Iamb	Iamb	11 31 00.8
J20K	Nowitza River	72.98 333	P	P	11 30 57.2 -0.7
K20K	Telida	73.03 332	Iamb	Iamb	11 31 01.9
K20K	Telida	73.03 332	P	P	11 30 56.9 -1.4
I20K	Naaghedeneel	73.06 333	P	P	11 30 58.0 -0.3
H20K	Anotleneega Mo	73.15 334	P	P	11 30 58.2 -0.8
A21K	Barrow	73.19 340	P	P	11 30 58.1 -0.9
Q19K	Cape Douglas,	73.32 327	P	P	11 30 59.7 -0.3
F20K	Avaraart Lake	73.33 336	Iamb	Iamb	11 31 03.6
F20K	Avaraart Lake	73.33 336	P	P	11 30 59.8 -0.1
M19K	Big River Lodg	73.33 330	P	P	11 30 60.0 -0.1
OHAK	Old Harbor	73.34 325	P	P	11 30 59.9 -0.2
E20K	Nigu River	73.37 337	P	P	11 31 00.0 -0.2
D20K	Chivuk River	73.47 338	P	P	11 31 00.3 -0.5
O19K	Port Alsworth	73.50 329	Iamb	Iamb	11 31 01.7
O19K	Port Alsworth	73.50 329	P	P	11 31 00.8 -0.2
N19K	Bonanza Creek	73.51 329	Iamb	Iamb	11 31 04.7
N19K	Bonanza Creek	73.51 329	P	P	11 31 00.6 -0.7
B20K	Meade River	73.51 339	Iamb	Iamb	11 31 04.7
B20K	Meade River	73.51 339	P	P	11 31 00.9 -0.1
L19K	White Mountain	73.52 331	Iamb	Iamb	11 31 04.2
L19K	White Mountain	73.52 331	P	P	11 31 00.8 -0.4
H19K	Poorman	73.64 333	P	P	11 31 02.3 +0.5
H19K	Roundabout Mou	73.80 334	Iamb	Iamb	11 31 06.2
H19K	Roundabout Mou	73.80 334	P	P	11 31 03.1 +0.5
E19K	Redstone River	73.86 336	Iamb	Iamb	11 31 06.5
E19K	Redstone River	73.86 336	P	P	11 31 03.2 +0.1
G19K	Purcell Mounta	73.98 335	Iamb	Iamb	11 31 07.1
G19K	Purcell Mounta	73.98 335	P	P	11 31 03.4 -0.3
O18K	Koktuh Hills	73.99 328	P	P	11 31 03.7 -0.3
D19K	Kuna River	74.05 337	Iamb	Iamb	11 31 07.5
D19K	Kuna River	74.05 337	P	P	11 31 04.1 -0.1
M18K	Stony River	74.06 330	P	P	11 31 04.7 +0.4
GCSA	Galena City Sc	74.08 334	P	P	11 31 04.3 0.0
MORH	Mrgy, Hungar	74.13 46	↑P	P	11 31 06.0 +0.9
F19K	Shalerucik Mo	74.15 336	Iamb	Iamb	11 31 08.6
F19K	Shalerucik Mo	74.15 336	P	P	11 31 04.6 -0.2
ARCES	ARCCESS Array B	74.17 21	P	P	11 31 05.1 +0.2
ARCES	ARCCESS Array B	74.17 21	Iamb	Iamb	11 31 05.5 +0.7
N18K	Kilae Creek	74.21 329	Iamb	Iamb	11 31 08.3
N18K	Kilae Creek	74.21 329	P	P	11 31 05.4 +0.1
L18K	Granite Mounta	74.36 331	P	P	11 31 05.7 -0.4
C19K	Lookout Ridge	74.48 338	Iamb	Iamb	11 31 11.2

C19K	Lookout Ridge	74.48 338	P	P	11 31 07.2 +0.5
G18K	Tagagawik	74.65 335	Iamb	Iamb	11 31 11.1
G18K	Tagagawik	74.65 335	P	P	11 31 07.8 +0.1
H18K	Honhosa River	74.65 334	Iamb	Iamb	11 31 11.6
H18K	Honhosa River	74.65 334	P	P	11 31 07.9 +0.2
P17K	Kvichak River	74.71 328	P	P	11 31 08.3 +0.2
A19K	Wainwright	74.81 339	P	P	11 31 08.8 +0.3
CHIR	Chirikof Islan	74.82 324	P	P	11 31 08.9 +0.1
M17K	Hollina River	74.84 330	P	P	11 31 09.4 +0.5
N17K	Nushagak Hills	74.87 329	P	P	11 31 09.6 +0.6
Q16K	King Salmon	74.91 327	P	P	11 31 09.0 -0.2
F18K	Selawik	74.93 336	P	P	11 31 09.6 +0.3
O17K	Koiganek Bris	74.95 328	P	P	11 31 09.4 -0.1
K17K	Iditarod	75.03 332	Iamb	Iamb	11 31 13.2
K17K	Iditarod	75.03 332	P	P	11 31 10.7 +0.8
C18K	Utukok River	75.14 338	Iamb	Iamb	11 31 13.8
C18K	Utukok River	75.14 338	P	P	11 31 10.3 -0.3
E18K	Tukpalaerik C	75.15 337	P	P	11 31 10.4 -0.2
J17K	VABM Dome	75.25 332	Iamb	Iamb	11 31 14.9
J17K	VABM Dome	75.25 332	P	P	11 31 11.9 +0.7
H17K	Granite Mounta	75.33 334	P	P	11 31 12.2 +0.5
O16K	Kokwok River B	75.48 328	P	P	11 31 13.1 +0.6
P16K	Nushagak River	75.53 328	P	P	11 31 13.4 +0.6
G17K	Kiwaliik Mounta	75.53 335	P	P	11 31 13.5 +0.7
F17K	Balwin Penin	75.59 336	P	P	11 31 13.4 +0.3
M16K	Timber Creek	75.64 330	Iamb	Iamb	11 31 17.6
M16K	Timber Creek	75.64 330	P	P	11 31 13.5 0.0
N16K	Nishlik Lake	75.65 329	P	P	11 31 13.5 0.0
E17K	Howham Inlet	75.68 336	P	P	11 31 14.0 +0.4
L16K	Owhat River	75.75 331	Iamb	Iamb	11 31 19.0
L16K	Owhat River	75.75 331	P	P	11 31 14.1 0.0
FINES	FINESS Array B	75.79 30	P	P	11 31 15.5 +1.2
FINES	FINESS Array B	75.79 30	Iamb	Iamb	11 31 14.1 -0.2
I17K	Unalakleet	75.87 333	Iamb	Iamb	11 31 19.3
I17K	Unalakleet	75.87 333	P	P	11 31 14.8 +0.1
C17K	Delong Mountai	75.89 338	P	P	11 31 15.0 +0.2
J16K	Anvik River	75.95 332	P	P	11 31 16.0 +0.8
D17K	Noatak River	76.02 337	P	P	11 31 16.3 +0.8
G16K	Koyuk River	76.25 335	P	P	11 31 16.9 +0.1
CHGN	Chignik	76.27 325	P	P	11 31 17.1 0.0
BZS	Buzias	76.28 46	↑P	P	11 31 18.6 +1.2
N15K	Kwethluk River	76.35 329	P	P	11 31 17.5 0.0
H16K	Elim	76.37 334	P	P	11 31 17.2 -0.4
O15K	Ungalikthiuk R	76.43 328	P	P	11 31 17.6 -0.4
M15K	Kasigluk River	76.53 330	P	P	11 31 18.7 +0.1
K15K	Wolf Creek Mou	76.58 331	P	P	11 31 19.1 +0.3
L15K	Ungalak Mounta	76.69 331	P	P	11 31 20.0 +0.6
C16K	Lisburne Hills	76.72 338	Iamb	Iamb	11 31 23.1
C16K	Lisburne Hills	76.72 338	P	P	11 31 19.7 +0.2
BOVS	Bovan	76.75 48	↑P	P	11 31 20.2 0.0
DRGR	Fog Glacier	76.79 45	↑P	P	11 31 20.7 +0.3
S14K	Fog Glacier	76.90 325	P	P	11 31 20.9 +0.1
G15K	Niukluk	77.03 334	P	P	11 31 21.6 +0.3
F15K	North Star Dit	77.10 335	Iamb	Iamb	11 31 26.1
F15K	North Star Dit	77.10 335	P	P	11 31 21.0 -0.7
GZR	Givuk Zlata	77.13 46	↑P	P	11 31 19.5 -2.8
M14K	Bethel	77.13 320	P	P	11 31 22.0 +0.2
O14K	Tiguykaiuvit M	77.13 328	P	P	11 31 21.8 -0.1
N14K	Kuskokwag Cree	77.19 329	P	P	11 31 22.0 -0.3
CHNA	Chernabura Isl	77.24 324	P	P	11 31 22.8 +0.2
L14K	Kuka Creek	77.33 331	Iamb	Iamb	11 31 27.3
L14K	Kuka Creek	77.33 331	P	P	11 31 23.0 0.0
J14K	Narvarnanak Lak	77.38 332	P	P	11 31 23.0 -0.2
BLKB	Belgradchik	77.44 48	↑P	P	11 31 25.2 +1.1
SDPT	Sand Point	77.61 324	P	P	11 31 24.9 +0.2
ANM	Nome	77.70 334	P	P	11 31 25.6 +0.6
F14K	Arctic Creek	77.84 335	P	P	11 31 26.4 +0.6
M13K	Dall Lake	77.88 330	P	P	11 31 26.5 +0.4
K13K	Kusilvak Mount	78.09 331	P	P	11 31 27.8 +0.6
BURAR	Bucovina Array	78.27 44	↑P	P	11 31 30.3 +1.6
BURAR	Bucovina Array	78.27 44	P	P	11 31 29.0 +0.3
ARR	Arges	78.41 46	↑P	P	11 31 30.3 +0.8
TNA	Tin City	78.45 335	P	P	11 31 29.8 +0.6
VOIR	Mekoryuk	78.67 46	↑P	P	11 31 31.5 +0.5
M11K	Mekoryuk	79.24 330	P	P	11 31 34.2 +0.5
MLR	Muntele Rosu	79.27 46	↑P	P	11 31 36.0 +1.7
COVR	Voinea-Covas	79.36 45	↑P	P	11 31 37.2 +2.6
FALS	False Pass	79.38 324	P	P	11 31 35.2 +0.8
PLO2	Plostina	79.66 45	↑P	P	11 31 38.6 +2.3
AKASG	Malin Array Be	80.03 40	P	P	11 31 38.2 +0.1
AKASG	Malin Array Be	80.03 40	Iamb	Iamb	11 31 37.6 -0.5
GAMB	Gambell	80.58 334	P	P	11 31 41.3 +0.6
CFR	Carcauil	80.85 46	↑P	P	11 31 42.6 0.0
UNV	Unalaska Valle	81.40 324	P	P	11 31 45.9 +0.6
BAND	Balkesir-Ban	82.18 50	↑P	P	11 31 50.8 +0.9
BRTR	Keskin Array B	86.41 49	P	P	11 32 12.2 +0.7
BRTR	Keskin Array B	86.41 49	Iamb	Iamb	11 32 11.4 -0.2
KBZ	Khabaz	91.22 43	P	P	11 32 35.4 +0.5
WMQ	Urumqi	114.27 20	ePKP	PKP	11 38 09.4 +0.8
WMQ	Urumqi	114.27 20	LR	LR	

WMQ	comp=E,530nm,22.7s	LR	LR		
HHC	Hu-ho-ho-te	121.55 2	eP	PKP	11 38 17.0 -5.8
KSR5	Korea Array	123.27 346	PKP	PKP	11 38 25.4 -0.5
JNU	Nakatsue	126.58 342	PKP	PKIP	11 38 33.7 +0.7
NJ2	Nanjing	130.07 354	eP	PKP	11 38 39.3 +0.2
NJ2	Nanjing	130.07 354	pmax	pmax	
PZH	PanZhihua	134.47 25	PKP	PKP	11 38 46.8 -1.0
CMAR	Chiang Mai Arr	141.23 22	PKP	PKP	11 38 59.0 -1.2
PMG	Port Moresby	146.10 280	PKP	PKP	11 39 07.6 -1.2
STKA	Stevens Creek	150.91 236	PKP	PKP	11 39 21.3 -0.6
ASAR	Alice Springs	159.25 150	PKP	PKP	11 39 27.3 -1.3
ASAR	Alice Springs	159.25 150	PKP	PKP	11 40 06.2 -1.8
WRA	Warramunga Arr	160.00 261	PKP	PKP	11 39 27.8 -0.9
WRA	Warramunga Arr	160.00 261	PKP	PKP	11 40 07.5 -0.9
NEIC 02	11:23:22.3:1.1, 17:89N:0:02:66:718W:0:009, h10km, 1km, ML3.6/3.1, Mo3.4/1.6(RSPR), Error ellipse: s-maj=3.8km s-min=2.0km az=0.0				

Table with columns: CRPR, Cabo Rojo, PR, 0.37 277, iP, Pg, 11 25 34.1, -0.5, etc.

Table with columns: MLPR, Maguayes Islan, 0.33 282, Pg, Pg, 11 32 27.1, +0.1, etc.

Table with columns: OTAV, Otavalo, 21.01 215, eP, P, 11 37 07.2, +2.2, etc.

NEIC 02 11:32:08.8±0.5, 17.93N±0.03, 66.69W±0.007, h10km±1km, ML3.4/31, ML3.9(RSPR), Error ellipse: s-maj=4.9km s-min=2.4km az=349.0

LSP Las Mesas, 0.46 307, iP, Pg, 11 32 29.5, +0.1, etc.

TX31 Lajitas Ar. Si, 35.59 296, P, P, 11 39 18.6, 0.0, etc.

Code Station Name Az Phase ID ISC Time Res

Main table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res

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Main table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res

IDC 02 11:32:19.0±0.5, 17.76N±0.06, 66.69W±0.008, mb4.3/23, mbmp4.3/25, ML3.1/2, Error ellipse: s-maj=13.6km s-min=7.5km az=146.0

SKI Saint Kitts, 3.82 98, eP, Pn, 11 33 20.6, +1.1, etc.

ESDC Sonseca Array, 57.94 54, P, P, 11 42 14.0, +0.7, etc.

NEIC 02 11:32:20.6±1.1, 17.92N±0.03, 66.69W±0.01, h10km±1km, mb4.6/38, ML4.3/39, MD3.8/18(RSPR), Mw4.3/13(SLM), Error ellipse: s-maj=4.2km s-min=2.6km az=0

ABD La Joyeuse, An, 5.18 105, Pn, Pn, 11 33 37.5, -0.6, etc.

PLCA Paso Flores, 58.44 183, P, P, 11 42 15.7, -0.9, etc.

NEIC 02 11:32:20.7±1.1, 17.93N±0.06, 66.69W±0.01, h4km Moment Solution. Moment tensor: Scale 10^19 Nm; Mrr 3.11; Mss 1.70; Mss 1.41; Mrr 1.24; Mss 1.71; Mss 1.03; Fault plane solution: M3.3, 430000x10^15 Np^2, 240.00000°, 855.00000°, -75.00000°, NP2=35.00000°, 838.00000°, -1.10.00000°. Principal axes: T 3.4273, P1g9.0000°, Azm319.0000°, N 0.0018, Plg12.0000°, Azm51.0000°; P -3.4291, Plg75.0000°, Azm194.0000°;

ABD Loma La Naviza, 3.31 291, eP, Pg, 11 33 12.6, +0.2, etc.

NEEM North Greenlan, 60.09 4, iP, P, 11 42 29.3, +1.5, etc.

PMR 02 11:32:20.0, 17.96N±0.06, 66.69W±0.007, h10km SDD 02 11:32:20.0±2.1, 17.79N±0.06, 66.70W±0.02, h22km±23km, MD3.3, ML4.3, MW4.9, Presumed earthquake not reviewed by the ISC

ABD Dease Lake, 61.01 327, P, P, 11 42 32.8, -1.4, etc.

NEEM North Greenlan, 60.09 4, iP, P, 11 42 29.3, +1.5, etc.

RSPR 02 11:32:21.1, 17.94N±0.06, 66.71W±0.008, MD3.8/18 OSPL 02 11:32:21.1±1.1, 17.92N±0.06, 66.70W±0.009, ML4.7, Presumed earthquake

ABD Dease Lake, 61.01 327, P, P, 11 42 32.8, -1.4, etc.

NEEM North Greenlan, 60.09 4, iP, P, 11 42 29.3, +1.5, etc.

INMG 02 11:32:26.0±0.3, 22.18N±0.03, 93W±0.10, h10km, M4.7, #DIST. RANGE: DISTANT

ABD Dease Lake, 61.01 327, P, P, 11 42 32.8, -1.4, etc.

NEEM North Greenlan, 60.09 4, iP, P, 11 42 29.3, +1.5, etc.

ISC 02 11:32:24.0±0.9, 17.90N±0.03, 66.70W±0.02, h9km±5km, n415, e1928/426, mb4.6/58, 11C-12D, Puerto Rico region

ABD Dease Lake, 61.01 327, P, P, 11 42 32.8, -1.4, etc.

NEEM North Greenlan, 60.09 4, iP, P, 11 42 29.3, +1.5, etc.

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

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SIT	Sitka	63.55 325	P	P	11 42 50.5	-0.6	K24K	Donnelly Dome	69.28 332	P	P	11 43 26.6	-1.1	baz=84	M19K	Big River Lodg	73.31 330	P	P	11 43 51.5	-0.6	
DAG	Danmarks Havn	63.65 11	i P	Iamb	11 42 53.2	+1.7	KLU	Klutina	69.30 330	P	P	11 43 25.6	-2.4	baz=83	OHAk	Old Harbor	73.31 325	P	P	11 43 51.3	-0.9	
DAG	Whitese	63.88 329	P	P	11 42 52.9	-0.5	F25K	Christian River	69.38 336	P	P	11 43 26.5	-1.8	baz=83	E20K	Nigu River	73.34 337	P	P	11 43 50.8	-1.5	
SKAG	Skagway	63.91 328	P	P	11 42 52.7	-0.8	E25K	Arctic Village	69.38 337	P	P	11 43 26.3	-2.0	baz=84, SNR=10	D20K	Etiuvik River	73.45 338	P	P	11 43 51.0	-1.9	
M31M	Drury Creek, Y	63.94 331	P	P	11 42 52.9	-0.8	M24K	Tolsona, Glenn	69.43 330	P	P	11 43 26.8	-1.9	baz=83	O19K	Port Alsworth	73.48 329	P	P	11 43 51.2	-1.9	
S31K	Pelican	64.15 326	P	P	11 42 54.1	-1.0	Q23K	Middleton Isla	69.51 328	P	P	11 43 26.7	-2.5	baz=83	N19K	Bonanza Creek	73.48 329	P	P	11 43 50.8	-2.5	
PLBC	Pleasant Camp	64.43 328	P	P	11 42 56.3	-0.6	G25K	Bearman Lake	69.52 335	P	P	11 43 28.0	-1.1	baz=80	B20K	Mesade River	73.49 339	P	P	11 43 51.0	-2.0	
N31M	Braeburn, Yuko	64.46 330	P	P	11 42 55.7	-1.4	D25K	Kavik River	69.75 338	P	P	11 43 29.0	-1.6	baz=83	L19K	White Mountain	73.49 331	P	P	11 43 51.5	-1.8	
O30N	Mendenhall	64.49 329	P	P	11 42 56.1	-1.2	ILAR	Eielson Array	69.78 333	P	P	11 43 31.1	+0.2	baz=83	J19K	Pooman	73.61 333	P	P	11 43 53.8	-0.1	
H31M	Peel River	64.68 335	P	P	11 42 57.2	-1.3	HDA	Harding Lake	69.81 333	P	P	11 43 29.1	-1.8	baz=83	H19K	Roundabout Mou	73.77 334	P	P	11 43 54.0	-0.8	
P30M	Million Dollar	64.82 329	P	P	11 42 59.0	-0.5	ABTA	Abfattersbach	69.86 46	eP	P	11 43 31.0	-0.8	baz=83	E19K	Redstone River	73.83 336	P	P	11 43 53.8	-1.4	
F31M	Tsigehtchic	64.84 337	P	P	11 42 58.8	-0.6	HFS	Hagfors	69.88 32	P	P	11 43 32.1	+0.6	baz=82	SII	Sitkinak Island	73.89 325	P	P	11 43 54.0	-1.6	
G31M	Satah River	64.92 336	P	P	11 42 59.8	0.0	LESA	comp=Z,1.3nm,0.8s	69.91 45	i P	P	11 43 31.2	-0.9	baz=82	G19K	Purcell Mounta	73.95 335	P	P	11 43 54.5	-1.3	
INK	Inuwik	64.98 338	P	P	11 43 00.6	+0.3	SCM	Schwartzklot	69.97 330	P	P	11 43 31.1	-1.0	baz=82	O18K	Koktuk Hills	73.97 328	P	P	11 43 54.8	-1.3	
N30M	Aishikik Lake	65.08 330	P	P	11 43 01.1	-0.1	DHY	Denali Highway	69.99 331	P	P	11 43 31.6	-0.7	baz=82	D19K	Kuna River	74.02 337	P	P	11 43 54.5	-1.7	
M30M	Minto Yukon	65.11 331	P	P	11 43 00.7	-0.6	POKA	Poker Plat Res	70.02 334	P	P	11 43 31.8	-0.5	baz=82, SNR=16	M18K	Stony River	74.04 330	P	P	11 43 54.9	-1.5	
HYT	Haines Junctio	65.18 329	P	P	11 43 01.8	-0.2	P23K	Montague Islan	70.04 328	P	P	11 43 32.0	-0.5	baz=82	GCSA	Galena City Sc	74.06 334	P	P	11 43 55.3	-1.1	
J30M	Hart River	65.25 334	P	P	11 43 02.2	-0.1	G24K	Hadweenciz Riv	70.06 335	P	P	11 43 29.9	-2.6	baz=82	F19K	Shalcruckik Mo	74.13 336	P	P	11 43 54.8	-2.0	
I30M	Mount Dempster	65.39 334	P	P	11 43 03.3	+0.1	WAT6	Susitna Watana	70.16 331	P	P	11 43 31.7	-1.7	baz=82	ARCES	ARCCESS Array B	74.15 21	P	P	11 43 58.5	+1.5	
YUK6	Outpost Mounta	65.62 329	P	P	11 43 04.2	-0.7	M23K	comp=Z,4.0nm,1.2s	70.16 330	P	P	11 43 31.5	-1.7	comp=Z,4.6nm,1.0s	ARCES	ARCCESS Array A	74.15 21	P	Iamb	Iamb	11 43 56.3	-0.7
K29M	Barlow Dome	65.64 333	P	P	11 43 04.9	+0.1	H24K	Noodor Dome	70.21 334	P	P	11 43 31.6	-1.9	comp=Z,4.0nm,0.5s	ARCES	ARCCESS Array A	74.15 21	P	Iamb	Iamb	11 44 00.5	
O29M	Mount Kennedy	65.64 329	P	P	11 43 04.4	-0.6	F24K	Squaw Lake	70.24 336	P	P	11 43 31.2	-2.4	baz=80	N18K	Klizee Creek	74.18 329	P	P	11 43 56.1	-1.3	
F30M	Barrier River	65.64 337	P	P	11 43 04.7	+0.1	KBA	Koelbreinsper	70.40 46	i P	P	11 43 35.8	+0.6	baz=81	L18K	Granite Mounta	74.34 331	P	P	11 43 57.1	-1.1	
G30M	IAoh Zraii Nji	65.68 336	P	P	11 43 04.9	0.0	SML	Sawmill	70.45 330	P	P	11 43 33.1	-1.9	baz=81	C19K	Lookout Ridge	74.46 338	P	P	11 43 56.9	-1.9	
EPYK	Eagle Plains	65.75 335	P	P	11 43 05.4	0.0	E24K	Your Creek	70.48 337	P	P	11 43 33.4	-1.7	baz=81, SNR=8.8	G18K	Tagagvik	74.62 335	P	P	11 43 59.4	-0.4	
TORD	Torodi Ar. Bea	65.76 83	P	P	11 43 06.0	-0.3	GERES	GERESS Array B	70.48 44	P	P	11 43 36.0	+0.5	baz=81	H18K	Honhosa River	74.62 334	P	P	11 43 58.4	-1.3	
L29M	L29M	65.80 332	P	P	11 43 04.6	-1.2	KNK	Knik Glacier	70.52 330	P	P	11 43 33.7	-1.7	baz=81	P17K	Kvichik River	74.68 328	P	P	11 44 00.1	-0.1	
YUK4	Talbot Arm	65.80 330	P	P	11 43 05.1	-0.9	WAT1	Susitna Watana	70.53 331	P	P	11 43 33.6	-1.9	baz=80	A19K	Wainwright	74.78 339	P	P	11 44 00.6	+0.1	
M29M	Somme Creek	65.86 331	P	P	11 43 06.0	-0.3	BIOA	Bad Ischl, Aus	70.54 45	i P	P	11 43 35.9	+0.1	baz=80	CHIR	Chirikof Islan	74.79 324	P	P	11 43 59.5	-1.4	
BRWY	Burwash Landin	65.99 330	P	P	11 43 06.5	-0.6	C24K	Franklin Bluff	70.58 339	P	P	11 43 34.2	-1.3	baz=80	M17K	Holiftra River	74.82 330	P	P	11 44 00.2	-0.8	
J29M	Klondike Camp	66.04 333	P	P	11 43 05.5	-1.8	D24K	Happy Valley	70.61 338	P	P	11 43 34.3	-1.6	baz=80	N17K	Nushagak Hills	74.84 329	P	P	11 43 59.9	-1.2	
I29N	Ogilvie Camp,	66.22 334	P	P	11 43 06.2	-2.2	MYKA	Terra Mystica	70.64 46	i P	P	11 43 37.1	+0.6	baz=80	Q16K	King Salmon	74.88 327	P	P	11 44 00.2	-1.1	
YUK8	Steele Glacier	66.33 330	P	P	11 43 07.6	-1.9	MCK	McKinley	70.68 332	P	P	11 43 35.8	-0.6	baz=80	F18K	Selawik	74.90 336	P	P	11 44 00.7	-0.6	
G29M	Pine Creek	66.36 336	P	P	11 43 06.6	-2.7	NEA2	Nenana	70.72 333	P	P	11 43 34.7	-1.8	baz=80	O17K	Koliganek Bris	74.92 328	P	P	11 44 00.7	-0.9	
H29M	Whitestone	66.38 335	P	P	11 43 07.7	-1.7	I23K	Min Yukon-K	70.84 334	P	P	11 43 36.0	-1.2	baz=80	K17K	Iditarod	75.00 332	P	P	11 44 01.2	-0.7	
PINM	Pinnacle	66.46 328	P	P	11 43 07.6	-2.5	PMR	Palmer	70.84 330	P	P	11 43 36.0	-1.2	baz=80, SNR=8.9	C18K	Uluok River	75.11 338	P	P	11 44 01.5	-1.1	
O28M	Mount Upton	66.49 329	P	P	11 43 08.8	-1.8	TOLK	Took Lake Re	70.88 337	P	P	11 43 36.3	-1.3	baz=80	E18K	Tukpahleark C	75.12 337	P	P	11 44 01.5	-1.1	
E29M	Blow River	66.58 338	P	P	11 43 08.2	-2.5	H23K	Yukon River	70.90 334	P	P	11 43 37.1	-0.6	baz=80	J17K	VABM Dome	75.23 332	P	P	11 44 01.7	-1.5	
YUK3	Moose Creek	66.71 330	P	P	11 43 10.4	-1.5	E23K	Chandalar	70.90 337	P	P	11 43 36.0	-1.7	baz=80	H17K	Granite Mounta	75.31 334	P	P	11 44 02.6	-1.1	
I28M	Miner Creek	66.90 334	P	P	11 43 12.2	-0.7	MOA	Molln	70.94 45	i P	P	11 43 38.2	0.0	baz=80, SNR=10.0	O16K	Kokwok River B	75.45 328	P	P	11 44 02.4	-2.2	
NOR	Nord	66.91 7	i P	Iamb	11 43 13.7	+1.1	SEW	Seward	71.06 328	P	P	11 43 37.6	-1.1	baz=80	P16K	Nushagak River	75.50 328	P	P	11 44 02.7	-2.1	
NOR	comp=Z,2.2nm,0.8s	66.96 331	P	P	11 43 11.4	-1.8	G21K	Bananza Creek	71.08 335	P	P	11 43 37.5	-1.3	baz=80	G17K	Kiwalik Mounta	75.50 335	P	P	11 44 03.6	-1.3	
BVCY	Beaver Creek	66.96 338	P	P	11 43 13.4	-0.2	RC01	Rabbit Creek A	71.15 329	P	P	11 43 37.1	-2.1	baz=80	R16K	Pilot Point	75.55 326	P	P	11 44 04.0	-1.2	
D28M	Stokes Point	67.06 329	P	P	11 43 13.3	-0.7	O22K	Coer Landing	71.18 329	P	P	11 43 37.5	-1.9	baz=80	F17K	Baldwin Pennin	75.56 336	P	P	11 44 03.0	-2.1	
CTG	Chitna Glacier	67.06 329	P	P	11 43 13.3	-0.7	C23K	Itkillik River	71.24 339	P	P	11 43 39.1	-0.6	baz=80	M16K	Timor Creek	75.61 330	P	P	11 44 04.1	-1.5	
F28M	Old Crow	67.18 337	P	P	11 43 12.8	-1.7	OBKA	Obi	71.28 46	eP	P	11 43 40.7	+0.2	baz=80	N16K	Nishlik Lake	75.62 329	P	P	11 44 04.1	-1.5	
E28M	Babbage River	67.21 338	P	P	11 43 12.4	-2.3	D23K	Nanushuk Loe	71.28 338	P	P	11 43 38.3	-1.6	baz=80	E17K	Hotham Inlet	75.66 336	P	P	11 44 04.3	-1.4	
MESA	MESA	67.31 328	P	P	11 43 13.6	-2.1	TRF	Thorofare Moun	71.30 332	P	P	11 43 38.8	-1.5	baz=80, SNR=5.5	L16K	Uwhat River	75.72 331	P	P	11 44 05.2	-1.0	
M27K	Edge Creek, AK	67.43 331	P	P	11 43 15.3	-1.0	M22K	Willow	71.30 330	P	P	11 43 39.0	-1.0	baz=80, SNR=14	FINES	FINESS Array B	75.78 30	P	P	11 44 08.1	+1.7	
L27K	Beaver Creek,	67.46 332	P	P	11 43 15.8	-0.7	CUT	Chulitna	71.34 331	P	P	11 43 39.0	-1.3	comp=Z,2.2nm,0.8s	FINES	FINESS Array B	75.78 30	P	P	11 44 06.6	+0.2	
I27K	Kandik River	67.62 334	P	P	11 43 17.3	-0.1	MLY	Manley	71.42 334	P	P	11 43 40.2	-0.7	baz=80	I17K	Unalakleet	75.84 333	P	P	11 44 05.6	-1.2	
H27K	Steamboat Moun	67.65 335	P	P	11 43 17.1	-0.4	L22K	Petersville	71.56 331	P	P	11 43 40.8	-1.0	baz=80	RDOG	Red Dog Mine	75.86 337	P	P	11 44 05.0	-1.8	
G27K	Doyon Strip	67.77 336	P	P	11 43 17.9	-0.4	BPAW	Beas Paw Mtn.	71.58 333	P	P	11 43 40.5	-1.3	baz=80	C17K	DeLong Mountai	75.86 338	P	P	11 44 05.7	-1.2	
D27M	Malcolm River	67.82 338	P	P	11 43 17.2	-1.4	H22K	Ishtalitna Cre	71.65 334	P	P	11 43 40.3	-1.9	baz=80	J16K	Anvik River	75.92 332	P	P	11 44 06.1	-1.2	
CRQE	Cirque	67.91 329	P	P	11 43 16.6	-2.8	G22K	Bettles	71.66 336	P	P	11 43 40.4	-1.8	baz=80	D17K	Noatak River	76.00 337	P	P	11 44 06.5	-1.1	
MCARA	McCarthy VSAT	67.91 330	P	P	11 43 17.0	-2.2	E22K	Anaktuvuk Pass	71.72 337	P	P	11 43 41.7	-0.9	baz=80	G16K	Koyuk River	76.22 335	P	P	11 44 07.2	-1.7	
E27K	Coleen River	67.91 337	P	P	11 43 17.4	-1.8	BRSE	Bradley Lake S	71.73 328	P	P	11 43 40.8	-2.0	baz=80	CHGN	Chignik	76.25 325	P	P	11 44 07.6	-1.6	
M26K	Nabesna, AK	67.95 331	P	P	11 43 17.8	-1.7	ARSA	Arzberg	71.86 45	i P	P	11 43 43.9	+0.1	baz=80	N15K	Kwethluk River	76.33 329	P	P	11 44 07.6	-2.0	
DAVA	Damules	68.03 46	i P	P	11 43 21.3	+0.9	CAPN	Captain Cook N	71.86 329	P	P	11 43 41.8	-1.7	baz=80	H16K	Elim	76.34 334	P	P	11 44 08.9	-0.7	
L26K	Log Cabin Wild	68.15 331	P	P	11 43 20.1	-0.7	F22K	John River	71.89 336	P	P	11 43 41.4	-2.2	baz=80								

F14K	baz=296	S	Sn	12 48 57.2 -2.6
C16K	Lisburne Hills baz=244,SNR=15	3.48 58 P	Pn	12 48 29.6 +0.8
F15K	North Star Dit baz=289,SNR=24	3.62 101 P	Pn	12 48 31.3 +0.4
ANM	Nome baz=306,SNR=16	3.88 119 P	Pn	12 48 34.7 +0.3
D17K	Noatak River baz=293,SNR=9.0	4.12 70 P	Pn	12 48 38.3 +0.7
D17K		S	Sn	12 49 25.5 -0.2
G15K	Niukuk baz=298,SNR=34	4.14 109 P	Pn	12 48 38.3 +0.3
G15K		S	Sn	12 49 24.9 -1.5
RDOG	Red Dog Mine baz=254	4.26 66 P	Pn	12 48 40.6 +1.0
RDOG		S	Sn	12 49 29.5 +0.2
ANDR	Anadyr'	4.26 248 eP	Pn	12 48 37.8 -1.8
ANDR		e	Pb	12 48 42.1 +1.7
ANDR		Pgmax	Pb	12 48 54.3
ANDR	130nm,0.4s	eSg	Sb	12 49 44.1 +3.0
ANDR		Sgmax	Sb	12 49 55.9
C17K	Delong Moutai baz=248	4.29 60 P	Pn	12 48 41.5 +1.4
E17K	Hotham Inlet baz=269,SNR=11	4.54 79 P	Pn	12 48 44.8 +1.3
E17K		S	Sn	12 49 34.9 -1.4
G16K	Koyuk River baz=290	4.63 100 P	Pn	12 48 45.0 +0.3
G16K		S	Sn	12 49 37.0 -1.4
F17K	Baldwin Pennin baz=277	4.81 87 P	Pn	12 48 48.5 +1.3
F17K		S	Sn	12 49 42.5 -0.4
H16K	Elim baz=299	4.99 108 P	Pn	12 48 49.4 -0.2
E18K	Tukpahlearik C baz=266	5.03 75 P	Pn	12 48 51.3 +1.1
E18K		S	Sn	12 49 47.7 -0.6
C18K	Utukok River baz=251	5.04 61 P	Pn	12 48 51.7 +1.3
G17K	Kwailik Mouta baz=288	5.27 97 P	Pn	12 48 53.7 +0.3
G17K		S	Sn	12 49 52.6 -1.5
F18K	Selawik baz=276,SNR=5.4	5.43 84 P	Pn	12 48 57.6 +2.0
J14K	Nanvaranak Lak baz=318	5.70 129 P	Pn	12 48 59.7 +0.3
C19K	Lookout Ridge baz=290	5.74 58 P	Pn	12 49 01.5 +1.5
C19K		S	Sn	12 50 05.9 +0.1
A19K	Wainwright baz=236	5.75 46 P	Pn	12 49 02.1 +2.1
A19K		S	Sn	12 50 06.2 +0.2
H17K	Granite Mouta baz=293	5.76 101 P	Pn	12 49 00.8 +0.7
H17K		S	Sn	12 50 05.4 -0.8
G18K	Tagagawik baz=284	5.95 90 P	Pn	12 49 03.8 +0.9
G18K		S	Sn	12 50 09.9 -1.1
I17K	Unalakleet baz=303	5.96 112 P	Pn	12 49 02.8 -0.1
K13K	Kusilvak Mout baz=326	6.02 137 P	Pn	12 49 03.5 -0.3
D19K	Kuna River baz=259	6.10 65 P	Pn	12 49 05.6 +0.7
D19K		S	Sn	12 50 13.8 -0.8
F19K	Shaleruckik Mo baz=275	6.15 81 P	Pn	12 49 07.0 +1.5
F19K		S	Sn	12 50 14.6 -1.1
H18K	Honhosa River baz=290,SNR=5.4	6.29 97 P	Pn	12 49 08.4 +0.9
H18K		S	Sn	12 50 17.9 -1.4
E19K	Redstone River baz=270	6.33 75 P	Pn	12 49 08.9 +0.8
J16K	Anvik River baz=308,SNR=7.4	6.34 116 P	Pn	12 49 09.2 +1.0
G19K	Purcell Mouta baz=281,SNR=7.5	6.52 87 P	Pn	12 49 12.2 +1.5
G19K		S	Sn	12 50 24.0 -1.0
D20K	Etiuvik River baz=259	6.68 64 P	Pn	12 49 13.8 +0.9
D20K		S	Sn	12 50 27.2 -1.7
K15K	Wolf Creek Mou baz=316	6.68 125 P	Pn	12 49 13.7 +0.8
E20K	Nigu River baz=264	6.77 68 P	Pn	12 49 15.6 +1.5
E20K		S	Sn	12 50 29.6 -1.6
J17K	VAIMI Dome baz=305,SNR=6.4	6.83 112 P	Pn	12 49 16.6 +1.7
J17K		S	Sn	12 50 30.0 -2.6
B20K	Meade River baz=246	6.86 53 P	Pn	12 49 16.6 +1.4
B20K		S	Sn	12 50 31.9 -1.2
H19K	Roundabout Mou baz=267,SNR=6.7	6.93 91 P	Pn	12 49 17.4 +1.2
H19K		S	Sn	12 50 34.8 -0.2
M11K	Mekoryuk baz=287	7.02 150 P	Pn	12 49 17.6 +0.2
GCSA	Galena City Sc baz=293	7.03 98 P	Pn	12 49 18.8 +1.3
L14K	Kuka Creek baz=324,SNR=6.9	7.05 134 P	Pn	12 49 18.3 +0.4
L15K	Ungalak Mouta baz=319	7.15 128 P	Pn	12 49 19.9 +0.7
C21K	Knifeblade Rid baz=258	7.41 62 P	Pn	12 49 24.0 +1.2
C21K		S	Sn	12 50 45.9 -1.0
K17K	Iditarod baz=308	7.52 114 P	Pn	12 49 25.6 +1.3
H20K	Anoteneega Mo baz=287	7.57 90 P	Pn	12 49 26.3 +1.3
B21K	Inkipuk River baz=255	7.58 58 P	Pn	12 49 26.3 +1.3
B21K		S	Sn	12 50 49.0 -1.8
A21K	Barrow baz=239	7.60 44 P	Pn	12 49 26.2 +0.8
A21K		S	Sn	12 50 49.1 -2.2
E21K	Kiilik River baz=265	7.61 67 P	Pn	12 49 27.0 +1.5
E21K		S	Sn	12 50 48.7 -3.0
M14K	Bethel baz=325	7.74 134 P	Pn	12 49 27.8 +0.5
L16K	Owhat River baz=316	7.78 123 P	Pn	12 49 28.4 +0.5
F21K	Alatna River baz=274	7.79 77 P	Pn	12 49 27.5 -0.6
A22K	Sinclair Lake baz=245	7.93 48 P	Pn	12 49 31.0 +1.2
BILL	Bilibino	8.01 289 eP	Pn	12 49 30.7 -0.3
BILL		e	Sg	12 51 46.9 -4.6
BILL		eSg	Sg	12 52 05.0
BILL	40nm,0.7s	Sgmax	Sg	12 52 05.0
M15K	Kasigluk River baz=322	8.16 131 P	Pn	12 49 34.0 +0.9
B22K	Teshkupuk Lake baz=292	8.17 54 P	Pn	12 49 33.8 +0.6
F22K	John River	8.28 74 P	Pn	12 49 37.1 +2.4

J20K	Nowinta River baz=296	8.34 98 P	Pn	12 49 36.8 +1.2
E22K	Anaktuvuk Pass baz=318	8.40 70 P	Pn	12 49 37.3 +0.9
L18K	Granite Mouta baz=309	8.42 114 P	Pn	12 49 38.2 +1.6
M16K	Timber Creek baz=314	8.45 125 P	Pn	12 49 37.6 +0.5
N14K	Kuskokwak Cree baz=328	8.51 137 P	Pn	12 49 38.4 +0.6
M17K	Holitna River baz=314	8.69 120 P	Pn	12 49 42.3 +1.8
N15K	Kwethuk River baz=324	8.76 131 P	Pn	12 49 42.5 +1.2
I21K	Tanana baz=289	8.82 90 P	Pn	12 49 42.8 +0.7
D23K	Nanushuk River baz=290	8.85 64 P	Pn	12 49 44.2 +1.7
N16K	Nishlik Lake baz=320	8.93 127 P	Pn	12 49 45.2 +1.5
C23K	Iklikik River baz=290	8.98 59 P	Pn	12 49 46.0 +1.6
L19K	White Mountain baz=307	9.12 111 P	Pn	12 49 47.9 +1.6
CHUM	Lake Minchumin baz=287	9.20 98 P	Pn	12 49 49.4 +2.1
M18K	Stony River baz=312	9.20 116 P	Pn	12 49 49.7 +2.4
E23K	Chandalar baz=272	9.22 70 P	Pn	12 49 48.8 +1.1
TOLK	Toolik Lake Re baz=268	9.23 67 P	Pn	12 49 49.7 +1.9
MLY	Manley baz=290	9.37 89 P	Pn	12 49 51.0 +1.4
N17K	Nushagak Hills baz=317	9.41 123 P	Pn	12 49 51.8 +1.6
M19K	Big River Lodg baz=308	9.46 111 P	Pn	12 49 53.0 +2.1
H23K	Yukon River baz=290	9.60 84 P	Pn	12 49 54.5 +1.7
C24K	Franklin Bluff baz=263	9.62 60 P	Pn	12 49 54.0 +0.9
BPAW	Bear Paw Mtn. baz=295	9.63 95 P	Pn	12 49 54.6 +1.4
E24K	Your Creek baz=273	9.64 70 P	Pn	12 49 53.6 +0.1
O15K	Ungalikthiuk R baz=327	9.65 134 P	Pn	12 49 54.2 +0.6
PPLA	Puruyvit baz=302	9.73 103 P	Pn	12 49 55.8 +1.0
N18K	Kilae Creek baz=315	9.74 120 P	Pn	12 49 56.7 +1.9
F24K	Squaw Lake baz=272	9.92 73 P	Pn	12 49 59.5 +2.3
M20K	Styx River baz=307	9.95 109 P	Pn	12 49 58.9 +1.3
O17K	Kolliganek Riv baz=292	10.01 126 P	Pn	12 49 59.9 +1.5
N19K	Bonanza Creek baz=313	10.14 116 P	Pn	12 49 02.2 +1.9
NEA2	Nenana baz=282	10.19 90 P	Pn	12 50 02.8 +1.9
TRF	Thorofare Moun baz=298	10.20 97 P	Pn	12 50 02.9 +1.8
G24K	Hadweenzik Riv baz=282	10.21 78 P	Pn	12 50 03.7 +2.6
D25K	Kavik River baz=268	10.41 63 P	Pn	12 50 04.4 +0.5
L22K	Petersville baz=303	10.48 103 P	Pn	12 50 08.0 +3.1
SKT	Skvintna baz=306	10.49 106 P	Pn	12 50 07.1 +2.0
O18K	Koktuh Hills baz=318	10.57 121 P	Pn	12 50 07.7 +1.5
MCK	McKinley baz=297	10.60 95 P	Pn	12 50 08.7 +2.1
O19K	Port Alsworth baz=316	10.63 118 P	Pn	12 50 08.5 +1.6
P17K	Kvichak River baz=292	10.67 126 P	Pn	12 50 08.7 +1.3
G25K	Bearman Lake baz=282	10.73 77 P	Pn	12 50 08.9 +0.7
E25K	Arctic Village baz=275	10.73 69 P	Pn	12 50 09.7 +1.4
F25K	Chitinan River baz=278	10.76 72 P	Pn	12 50 10.0 +1.2
C26K	Camden Bay baz=266	10.95 60 P	Pn	12 50 11.9 +0.7
C27K	Jago River baz=288	11.36 61 P	Pn	12 50 17.6 +0.8

GEN 02 12:49:19.8,44:73N:10:35E,h17km,M12.1
 PRU 02 12:49:22.3,44:76N:10:51E,h10km
 VIE 02 12:49:39.0,46:00N:10:54E,h5km,mb1.7/4,ml1.8/4 25
 km SW of Pinzolo
 ROM 02 12:49:20.9,0.1,44:727N,0:004:10:33E,0:01,h18km,1km,
 ML2,5/4,4,1C-2D,Error ellipse: S-maj=0.9km
 S-min=0.8km az=98.0,Northern Italy

Code	Station Name	A ¹	AZ ²	Phase ID	Time	Res
					h m s	ISC
PRMA	PARMA	0.04	341	Op	12 49 23.7	-0.5
PRMA				P	12 49 26.8	+0.6
PRMA				S	12 49 23.6	-0.5
PRMA				Sb	12 49 26.8	+0.5
PRMA	comp=N,14150um,0.3s			AML		
PRMA	comp=N,10900um,0.5s			AML		
PRMA	comp=E,14192um,0.3s			AML		
PRMA	comp=N,7464um,0.4s			AML		
GRAM	Graiana	0.30	219	P	12 49 27.2	-0.3
GRAM				S	12 49 32.3	+0.2
GRAM				Pg	12 49 27.2	-0.4
GRAM				Sb	12 49 32.7	+0.1
GRAM	comp=E,1690um,0.4s			AML		
GRAM	comp=N,1485um,0.3s			AML		
GRAM	comp=N,1488um,0.3s			AML		
GRAM	comp=E,1688um,0.4s			AML		
GCSL	Gusciola	0.42	154	P	12 49 29.6	0.0
GCSL				S	12 49 37.2	+1.2
GCSL				Pg	12 49 29.5	-0.1
GCSL	comp=E,282um,1.0s			AML		
GCSL	comp=N,309um,1.5s			AML		
GCSL	comp=N,309um,0.5s			AML		
FIVI	Fivizzano	0.51	197	P	12 49 30.6	-0.5
FIVI				S	12 49 38.9	+0.4
SARO	Sassorosso	0.55	175	P	12 49 31.5	-0.4
SARO				Sg	12 49 40.0	+0.4
SARO				Pg	12 49 31.5	-0.4
SARO				Sb	12 49 39.7	+0.1
VLC	Villacollemand	0.57	176	P	12 49 32.0	-0.3
VLC				S	12 49 40.3	+0.1
VLC				Pg	12 49 32.0	-0.3
VLC				Sb	12 49 41.0	+0.8
VLC	comp=E,510um,0.6s			AML		
VLC	comp=N,403um,0.4s			AML		
VLC	comp=N,418um,0.4s			AML		
VLC	comp=E,509um,0.6s			AML		
VLC	comp=E,554um,0.6s			AML		
VLC	comp=E,509um,0.6s			AML		
VLC	comp=E,553um,0.6s			AML		
EQUI	Equi	0.57	193	P	12 49 31.0	-1.4
EQUI				S	12 49 39.7	-0.4
EQUI				Pg	12 49 31.4	-1.0
EQUI				Sb	12 49 40.5	+0.2
EQUI				Sg	12 49 33.9	0.7
ZCCA	Zocca	0.60	129	P	12 49 33.6	+0.1
BOB	Bobbio (Coli)	0.63	274	P	12 49 33.6	+0.1

BOB	Bobbio (Coli)	0.63	274	S	Sn	12 49 45.2 +0.5
BOB				P	Pb	12 49 33.8 +0.3
BDI	Bagni Di Lucca	0.69	164	P	Pb	12 49 34.1 -0.4
BDI				S	Sg	12 49 44.4 +0.6
BDI				Pb	Pb	12 49 34.0 -0.5
POP	Popiglio	0.69	164	P	Pb	12 49 35.3 -0.2
POP		0.75	156	P	Sn	12 49 47.1 -0.5
POP				P	Pb	12 49 35.3 -0.2
POP	comp=E,254um,0.7s			AML	AML	
POP	comp=E,254um,1.3s			AML	AML	
POP	comp=N,278um,0.3s			AML	AML	
POP	comp=E,242um,0.3s			AML	AML	
POP	comp=N,278um,0.3s			AML	AML	
GORR	Corretto	0.75	261	P	Pg	12 49 35.7 0.0
GORR				S	Sn	12 49 47.2 -0.4
GORR	Corretto	0.75	261	P	Pb	12 49 35.0 -0.5
FNDV	Fantasia Viola	0.80	134	P	Pg	12 49 36.6 +0.1
MAIM	Montano	0.82	172	P	Pb	12 49 3

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, and other parameters. Includes stations like GPNR, MNVG, ISP, AXS, ANX, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, and other parameters. Includes stations like NVR, HRT, SRN, KNT, ISK, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, Power, and other parameters. Includes stations like VALD, MATE, MATE, PDG, etc.

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KVdH	Kovagottos	13.25 336	↑P	Pn	12 54 10.1	-3.5	ERBR	comp=Z,3µm,1.0s		pmax	pmax	GERES	GERESS Array B	17.18 332	P	Pn	12 55 04.1	-1.4		
BURAR	Bucvarina Array	13.42 358		Pn	12 54 16.3	+0.3	ERBR	comp=N,260nm,1.1s				GERES	comp=Z,0.2nm,0.3s,baz=153,slow=12,SNR=61		S	Sn	12 58 14.7	-1.6		
LTVH	Luavtes, Hu	13.50 349	↑P	Pn	12 54 18.7	+1.7	ERBR	comp=N,260nm,1.1s		pmax	pmax	GERES	comp=Z,5.1nm,0.6s,baz=134,slow=13,SNR=0.1		S	Sn	12 59 49.0	-0.1		
KEST	Kesra	13.56 281	Pn	Pn	12 54 17.5	-0.4	ERBR	comp=E,842nm,1.9s				GERES	comp=Z,23nm,0.9s,baz=178,slow=2.2,SNR=5.1		ScP	ScP	13 03 24.2	+0.6		
KEST	comp=Z,1.9nm,0.3s,baz=101,slow=7.1,SNR=6.5			Sn	12 56 44.6	-3.9	ERBR	comp=Z,176µm,18.0s		MLR	MLR	GERES	comp=Z,8.1nm,0.8s,baz=197,slow=1.4,SNR=6.3		LR	LR	13 03 04.1			
KEST	comp=Z,1.8nm,0.3s,baz=53,slow=21,SNR=1.5			LR	13 00 56.6		ERBR	comp=N,127µm,14.0s		MLR	MLR	GERES	comp=Z,329µm,18.5s,baz=146,slow=44		LR	LR				
KEST	Kesra	13.56 281	P	Pn	12 54 20.3	+2.3	ERBR	comp=N,127µm,14.0s		MLR	MLR	KRLC	Kraliky	17.20 340	eP	Pn	12 55 05.4	-0.3		
KEST	SNR=156			P	12 54 20.3	+2.3	MOA	Molin	16.15 331	ePn	Pn	12 54 50.6	-1.8	KRLC	comp=Z,170µm,13.5s	MLR	MLR			
KEST	SNR=156			S	12 56 46.4	-2.1	SHA1	Shidhatmaz	16.21 490	iP	Pn	12 54 54.1	+0.7	KRLC	Kraliky	17.20 340	eP	Pn	12 55 05.4	-0.3
KEST	SNR=156			S	12 56 46.4	-2.1	GNI	Garni	16.24 63	Pn	Pn	12 54 53.7	-0.1	KRLC	comp=Z,170µm,13.5s	AMS	AMS	13 04 20.0		
KEST	SNR=156			Pn	12 54 18.9	+1.0	GNI	comp=E,1.6nm,0.3s,baz=252,slow=4.8,SNR=45		LR	LR	13 02 53.2		RNPB	Sopachi	17.22 0	P	Pn	12 55 02.8	-3.1
KEST	SNR=156			Pn	12 54 19.6	+1.6	GNI	comp=E,1.6nm,0.3s,baz=275,slow=4.4		LR	LR			DAVOX	Davos/Dischmat	17.40 321	P	Pn	12 55 08.5	+0.1
KEST	SNR=156			Pn	12 54 22.3	+2.5	GNI	comp=E,1.78nm,0.9s		P	P	12 54 55.9	-1.0	DAVOX	comp=Z,4.5nm,0.3s,baz=139,slow=13,SNR=71	S	Sn	12 58 17.2	-4.7	
KEST	SNR=156			Pn	12 54 21.9	+1.6	GNI	comp=E,1.78nm,0.9s		P	P	12 54 55.2	+1.4	DAVOX	comp=Z,66nm,1.0s,baz=279,slow=21,SNR=2.2	LR	LR	13 03 57.3		
KEST	SNR=156			Pn	12 54 19.4	-1.3	GNI	comp=E,1.78nm,0.9s		P	P	12 54 57.6	+0.7	RETA	Reutte	17.43 324	ePn	Pn	12 55 07.8	-0.9
KEST	SNR=156			Pn	12 54 22.5	+0.2	GNI	comp=E,1.78nm,0.9s		P	P	12 54 55.6	-1.3	KHC	Kasperske Hory	17.45 332	iP	Pn	12 55 06.8	-2.1
KEST	SNR=156			Pn	12 54 22.5	+0.2	GNI	comp=E,1.78nm,0.9s		P	P	12 54 54.8	+0.7	KHC	Kasperske Hory	17.45 332	iP	Pn	12 55 07.7	-1.2
KEST	SNR=156			Pn	12 57 00.1	+3.7	GNI	comp=E,1.78nm,0.9s		P	P	12 54 54.8	+1.0	KHC	Kasperske Hory	17.45 332	eS	S	12 58 28.3	-2.9
ANN	comp=N,170nm,0.9s			pmax	12 54 22.5	+0.2	MAUC	Maruska	16.27 341	ePn	Pn	12 54 53.0	-0.9	KHC	comp=Z,363µm,18.3s,baz=122,slow=45	AMS	AMS	13 03 30.0		
ANN	comp=N,170nm,0.9s			pmax	12 57 00.1	+3.7	BIOA	Bioduschi, Ausl	16.28 330	ePn	Pn	12 54 52.1	-2.1	KHC	comp=Z,365µm,16.1s	AMS	AMS	13 03 20.5	-1.3	
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	BIOA	comp=E,64nm,1.8s		eScP	ScP	13 03 20.5	-1.3	KHC	Kasperske Hory	17.45 332	iP	Pn	12 55 05.6	-3.3
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	SALO	Salor	16.31 319	iP	Pn	12 54 52.0	-2.6	KHC	Kasperske Hory	17.45 332	P	Pn	12 55 07.5	-1.4
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 59.6	+1.8	ZVC	Zvikov	17.48 334	eP	Pn	12 55 07.9	-1.3
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm,13.1s	AMS	AMS	13 03 50.0		
ANN	comp=N,170nm,0.9s			pmax	12 54 20.0	-3.9	KIV	Kislodvsk	16.34 48	iP	Pn	12 54 57.7	-0.1	ZVC	comp=Z,181µm					

2d 12h

2020 MAY

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like Barranco-do-Ve, Evora, Long Mynd, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like KLMR, Um Al Zommo, Vila Bisbo, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like WHFO, ABTO, HYA, etc.

Table with columns: Station ID, Name, Comp, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like D25K Kavik River, D25K Kavik River, D25K Kavik River, etc.

Table with columns: Station ID, Name, Comp, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like E25K Arctic Village, E25K Arctic Village, E20K Nigu River, etc.

Table with columns: Station ID, Name, Comp, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like PAMR Moraine State, EPYK Eagle Plains, EPYK Eagle Plains, etc.

TRF	Thorofore Moun	82.65	358	P	P	13 03 28.8	0.0
TRF	baz=3.3,SNR=196			S	S	13 13 45.4	-0.3
J17K	VABM Dome	82.67	2	P	P	13 03 28.8	+0.1
J17K	baz=356			S	S	13 13 46.0	+0.5
Y48A	Scranton	82.70	306	IAMS_20	IAMS_20	13 44 35.8	
L56A	Log Cabin Wild	82.72	317	IAMS_20	IAMS_20	13 41 50.7	
J16K	Anvik River	82.73	3	Iamb	Iamb	13 03 34.6	
J16K	Anvik River	82.73	3	P	P	13 03 28.4	-0.6
J16K	baz=355,SNR=263			S	S	13 13 47.1	+1.0
L26K	Log Cabin Wild	82.73	355	IAMS_20	IAMS_20	13 40 52.2	
L26K	Log Cabin Wild	82.73	355	P	P	13 03 29.2	+0.1
L26K	baz=9.1,SNR=241			S	S	13 13 45.9	-0.3
AGMN	Agassiz Nation	82.76	325	Iamb	Iamb	13 03 34.6	
K20K	Telida	82.79	360	Iamb	Iamb	13 03 35.1	
K20K	Telida	82.79	360	P	P	13 03 29.3	0.0
K20K	baz=0.2,SNR=232			S	S	13 13 48.5	+1.8
BIRD	Birdtown, Kers	82.79	307	Iamb	Iamb	13 03 37.0	
M29M	Somme Creek	82.87	353	Iamb	Iamb	13 03 36.9	
M29M	Somme Creek	82.87	353	P	P	13 03 30.0	+0.2
M29M	baz=13,SNR=443			S	S	13 13 48.9	+1.1
DHY	Denali Highway	82.92	357	P	P	13 03 29.5	-0.6
DHY	baz=5.8,SNR=292			S	S	13 13 48.4	0.0
PAX	Paxson	82.92	356	P	P	13 03 30.2	+0.1
PAX	baz=7.3,SNR=61			S	S	13 13 46.9	-1.4
JNU	Nakatsue	82.94	55	LR	LR	13 46 52.5	
JNU	Nakatsue	82.94	55	Iamb	Iamb	13 03 35.5	
MSDI	Maura Dua	82.96	100	P	P	13 03 30.2	-0.7
P48A	Milroy	82.99	313	Iamb	Iamb	13 03 36.0	
P48A	comp=Z,244um,19.0s			IAMS_20	IAMS_20	13 41 05.0	
S51A	Beattyville	83.00	311	IAMS_20	IAMS_20	13 41 13.2	
P50A	Paris	83.06	312	Iamb	Iamb	13 03 37.0	
R50A	Paris	83.06	312	IAMS_20	IAMS_20	13 41 21.7	
KMSC	Kings Mountain	83.07	308	Iamb	Iamb	13 03 37.2	
I40A	Norwalk	83.10	319	Iamb	Iamb	13 03 37.0	
I40A	IAMS_20			IAMS_20	IAMS_20	13 41 51.7	
J14K	Nanvaranak Lak	83.11	4	Iamb	Iamb	13 03 36.4	
J14K	Nanvaranak Lak	83.11	4	P	P	13 03 31.2	+0.3
J14K	baz=352			S	S	13 13 49.1	-0.8
Y57A	Sumter	83.12	307	Iamb	Iamb	13 03 43.7	
Y57A	comp=Z,529nm,1.5s			IAMS_20	IAMS_20	13 41 47.6	
BVCY	Beaver Creek	83.13	354	P	P	13 03 31.3	+0.1
BVCY	baz=11,SNR=329			S	S	13 13 50.7	+0.3
LWLI	Liwa	83.17	101	P	P	13 03 32.6	+0.4
NTVB	Natividade	83.19	251	P	P	13 03 31.8	-0.3
NTVB	baz=4.8			S	S	13 13 52.4	+0.1
JKA	Kamikawa-asahi	83.19	40	Iamb	Iamb	13 03 37.2	
WAT1	Susitna Watana	83.21	357	P	P	13 03 31.1	-0.4
WAT1	baz=4.8			S	S	13 13 48.8	-2.3
PPLA	Purkeypile	83.24	359	IAMS_20	IAMS_20	13 42 48.8	
PPLA	Purkeypile	83.24	359	P	P	13 03 31.0	-0.8
PPLA	baz=1.8,SNR=210			S	S	13 13 50.5	-1.2
PPBI	Pangkal Pinang	83.24	97	P	P	13 03 33.2	+0.8
M27K	Edge Creek, AK	83.28	354	IAMS_20	IAMS_20	13 47 27.3	
M27K	Edge Creek, AK	83.28	354	P	P	13 03 32.3	+0.3
M27K	baz=10			S	S	13 13 53.7	0.0
M44A	Midewin, Midew	83.31	316	IAMS_20	IAMS_20	13 43 58.2	
M26K	Nabesna, AK	83.32	355	Iamb	Iamb	13 03 38.2	
M26K	Nabesna, AK	83.32	355	P	P	13 03 31.8	-0.4
M26K	baz=9.4			S	S	13 13 52.4	+0.1
MC01	Montes Claros	83.36	245	P	P	13 03 33.3	+0.3
MC01	baz=9.4			S	S	13 13 54.2	+0.3
K17K	Iditarod	83.38	2	P	P	13 03 31.9	-0.5
K17K	baz=357,SNR=440			S	S	13 13 52.7	0.0
SFIN	Lafayette	83.40	315	IAMS_20	IAMS_20	13 39 51.9	
WAT6	Susitna Watana	83.43	357	P	P	13 03 32.3	-0.5
WAT6	baz=5.5,SNR=285			S	S	13 13 52.2	-1.4
N32M	Quiet Lake	83.44	350	P	P	13 03 32.6	-0.1
N32M	baz=18			S	S	13 13 53.1	-0.5
ALF01	Guarapari-ES	83.46	240	eP	P	13 03 33.5	+0.2
ALF01	Guarapari-ES	83.46	240	P	P	13 03 33.5	+0.2
HARP	HARP	83.47	356	P	P	13 03 32.7	-0.2
HARP	baz=7.6,SNR=56			S	S	13 13 54.0	+0.2
N31M	Braeburn, Yuko	83.49	351	Iamb	Iamb	13 03 38.5	
N31M	comp=Z,596nm,1.3s			IAMS_20	IAMS_20	13 43 12.9	
N31M	Braeburn, Yuko	83.49	351	P	P	13 03 32.4	-0.6
N31M	baz=15,SNR=124			S	S	13 13 52.9	-1.1
NHSC	New Hope	83.52	306	IAMS_20	IAMS_20	13 45 09.5	
KLSI	Lafayette	83.53	100	P	P	13 03 32.1	-1.8
JFWS	Jewell Farm	83.55	318	Iamb	Iamb	13 03 38.9	
PEA0B	Petrovlovsk	83.55	270	eP	P	13 03 32.4	-1.0
PETK	Petrovlovsk	83.55	270	P	P	13 03 32.4	-0.2
PETK	comp=Z,69nm,0.9s,slow=6.6,SNR=17			PKKPbc	PKKPbc	13 21 51.7	+0.4
PETK	comp=Z,2.9nm,0.6s,slow=6.2,SNR=3.3			LR	LR	13 45 55.8	
R49A	Shelbyville	83.57	312	IAMS_20	IAMS_20	13 43 19.4	
PAULI	Pauline	83.58	308	Iamb	Iamb	13 03 39.9	
L22K	Petersville	83.58	358	P	P	13 03 32.9	-0.6
L22K	baz=2.9			S	S	13 13 53.4	-1.5

CRZF	Crozet Islands	83.63	162	IAMS_20	IAMS_20	13 42 47.0	
TZTN	Tazewell	83.64	310	Iamb	Iamb	13 03 40.4	
TZTN	comp=Z,828nm,1.9s			IAMS_20	IAMS_20	13 42 11.3	
K15K	Wolf Creek Mou	83.68	3	P	P	13 03 33.8	-0.1
K15K	baz=354,SNR=143			S	S	13 13 55.4	-0.3
N30M	Aishik Lake	83.68	352	P	P	13 03 34.1	+0.1
N30M	baz=14,SNR=145			S	S	13 13 54.6	-1.3
CUT	Chulitna	83.69	358	P	P	13 03 33.0	-0.9
CUT	baz=3.4,SNR=141			S	S	13 13 53.6	-2.3
V53A	Saluda	83.71	309	Iamb	Iamb	13 03 40.5	
YUK3	Moose Creek	83.72	353	P	P	13 03 34.3	-0.1
YUK3	baz=12,SNR=427			S	S	13 13 55.3	-1.5
KLJ	Kotabumi	83.73	100	P	P	13 03 33.7	-1.2
WTLY	Wagon Lake, Y	83.73	348	Iamb	Iamb	13 03 41.6	
WTLY	comp=Z,429nm,1.1s			P	P	13 03 33.7	-1.6
M24K	Tolsona, Glenn	83.82	356	P	P	13 03 34.5	-0.2
M24K	baz=6.8,SNR=91			S	S	13 13 55.4	-1.8
L42A	Oliver, Polo	83.83	317	IAMS_20	IAMS_20	13 42 33.9	
L42A	Kusilvak Mount	83.85	5	Iamb	Iamb	13 03 39.9	
K13K	K13K	83.85	5	P	P	13 03 34.0	+0.2
K13K	comp=Z,28um,20.0s			S	S	13 03 34.3	-0.4
K13K	baz=351			S	S	13 13 55.2	-2.0
L18K	Granite Mounta	83.91	1	P	P	13 03 35.2	+0.1
L18K	baz=358,SNR=221			S	S	13 13 57.0	-0.6
P46A	Rosedale	83.96	314	IAMS_20	IAMS_20	13 41 02.4	
YUKA	Talbot Arm	83.96	353	P	P	13 03 34.9	-0.7
L19K	White Mountain	83.97	0	P	P	13 03 35.7	+0.3
L19K	baz=360			S	S	13 13 55.8	-2.3
PET	Petrovlovsk	83.97	26	P	P	13 03 34.9	-0.7
PET	comp=Z,599nm,1.6s			Iamb	Iamb	13 03 39.4	
PET	Petrovlovsk	83.97	26	P	P	13 03 34.7	-0.8
PET	Petrovlovsk	83.97	26	eP	P	13 06 49.5	
PET	PET			eS	S	13 13 55.2	-3.0
PET	PET			ePS	PS	13 14 54.9	+3.4
PET	PET			pmax	pmax		
PET	comp=Z,7um,4.7s			pmax	pmax		
PET	comp=Z,229nm,1.6s			pmax	pmax		
PET	comp=Z,6um,13.0s			pmax	pmax		
PET	comp=Z,5um,8.1s			pmax	pmax		
PET	comp=Z,4um,10.5s			smax	smax		
PET	comp=E,3um,9.9s			smax	smax		
PET	comp=E,3um,12.4s			smax	smax		
PET	comp=N,4um,13.8s			smax	smax		
PET	comp=N,3um,8.9s			smax	smax		
BRWY	Burwash Landin	83.98	353	P	P	13 03 35.5	0.0
BRWY	baz=13,SNR=143			S	S	13 13 58.1	-0.1
JQTI	Jequitia-MG	84.00	245	P	P	13 03 37.3	+1.1
JQTI	baz=12,SNR=58			S	S	13 14 02.8	+2.4
YUK8	Steele Glacier	84.12	353	P	P	13 03 37.0	+0.4
YUK8	baz=12			S	S	13 13 58.9	-0.8
DIAM	Diamantina, MG	84.14	243	eP	P	13 03 37.0	0.0
DIAM	Diamantina, MG	84.14	243	P	P	13 03 37.6	+0.5
DIAM	SKT	84.15	359	P	P	13 03 35.8	-0.5
SKT	SKT			S	S	13 13 56.3	-2.9
SCM	Sheep Creek Mo	84.16	357	P	P	13 03 36.5	+0.1
SCM	baz=5.8,SNR=205			S	S	13 13 59.0	-0.4
T50A	Nancy	84.16	311	Iamb	Iamb	13 03 56.6	
T50A	comp=Z,245nm,1.0s			IAMS_20	IAMS_20	13 41 58.9	
WHY	Whitehorse	84.17	351	P	P	13 03 36.7	+0.1
WHY	baz=16,SNR=108			S	S	13 13 57.9	-1.7
M23K	Glacier View	84.21	357	P	P	13 03 36.8	+0.1
M23K	baz=5.5,SNR=198			S	S	13 13 58.9	-0.7
O30N	Mendenhall	84.22	351	Iamb	Iamb	13 03 42.2	
O30N	comp=Z,533nm,1.4s			IAMS_20	IAMS_20	13 43 46.2	
O30N	Mendenhall	84.22	351	P	P	13 03 36.5	-0.3
O30N	baz=15,SNR=157			S	S	13 13 57.4	-2.4
HODGE	Hodge	84.22	308	Iamb	Iamb	13 03 43.2	
HODGE	comp=Z,578nm,1.9s			S	S	13 03 36.2	-0.6
SML	Sawmill	84.23	357	P	P	13 03 36.2	-0.6
SML	baz=5.0,SNR=119			S	S	13 13 58.2	-1.6
M19K	Big River Lodg	84.25	0	Iamb	Iamb	13 03 56.3	
M19K	Big River Lodg	84.25	0	P	P	13 03 36.8	-0.1
M19K	baz=360			S	S	13 13 59.5	-0.3
M20K	Styx River	84.27	359	P	P	13 03 36.3	-0.7
M20K	baz=1.0			S	S	13 13 57.3	-2.8
L15K	Ungalak Mounta	84.29	3	P	P	13 03 37.1	+0.1
L15K	baz=354			S	S	13 14 01.6	+1.6
WCI	Wyandotte Cave	84.29	313	P	P	13 03 37.2	-0.3
WCI	Wyandotte Cave	84.29	313	IAMS_20	IAMS_20	13 41 09.6	
WCI	Wyandotte Cave	84.29	313	P	P	13 03 37.2	-0.3
WCI	comp=Z,1um,1.5s			pmax	pmax		
WCI	comp=Z,26um,21.0s			MLR	MLR		
P33M	Teslin, Yukon	84.30	349	Iamb	Iamb	13 03 43.1	
P33M	Teslin, Yukon	84.30	349	P	P	13 03 36.8	-0.4
P33M	baz=18,SNR=221			S	S	13 13 59.4	-1.0
YUK6	Outpost Mounta	84.33	352	P	P	13 03 37.3	-0.3
YUK6	baz=13			S	S	13 13 59.9	-1.0
TKL	Tuckaleechee C	84.33	310	P	P	13 03 38.1	+0.3
TKL	comp=Z,44nm,1.1s,slow=58						

2d 12h

Table with columns: Station ID, Name, Elevation, Wind Speed, Wind Direction, Gust, Temp, Humidity, Pressure, Visibility, Clouds, etc. Includes stations like SDDR, M14K, M11K, etc.

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Table with columns: Station ID, Name, Elevation, Wind Speed, Wind Direction, Gust, Temp, Humidity, Pressure, Visibility, Clouds, etc. Includes stations like BDFB, SCIA, N15K, etc.

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Table with columns: Station ID, Name, Elevation, Wind Speed, Wind Direction, Gust, Temp, Humidity, Pressure, Visibility, Clouds, etc. Includes stations like P17K, SFA1, S31K, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like S39A Bolivar, MACA Manacapuru-AM, CRAG Craig, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like UNV baz=350, BOZ Bozeman (W), OK048 Pawnee Station, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like HKT Hockley, HKT Hockley, HKT Hockley, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase, ID, Time, Res. Includes entries for Columbia Colle, Otavalo, La Paz, Tucson, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase, ID, Time, Res. Includes entries for COEN, HTT, CTA, CTAO, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase, ID, Time, Res. Includes entries for SALO, BALD, MONTA, etc.

GEN 02 12:52:51.4, 44.72N; 10.32E, h18km, M11.6
ROM 02 12:52:53.0, 1.44, 708N; 0.006, 10.37E; 0.02, h19km±2km,
ML2.2/2.2, Error ellipse: s-maj=1.4km s-min=0.6km
az=105.0, Northern Italy

GEN 02 12:56:57.7, 44.12N; 7.15E, h9km, M12.7
STR 02 12:56:58.3, 0.0, 44.10N; 0.04; 7.15E; 0.04, h9km,
MLV3.2/4.3, LOCASAT earthModelID1 apex_taup-2.11
orlinariary
LDG 02 12:56:58.5, 0.1, 44.11N; 7.17E, h5km, M3.5/1, M13.4/29,
Error ellipse: s-maj=1.3km s-min=1.1km az=28.0
ROM 02 12:56:58.3, 0.3, 44.125N; 0.009; 7.19E; 0.01, h11km, 1km,
ML2.9/16, Error ellipse: s-maj=1.3km s-min=0.5km
az=50.0
ISC 02 12:56:58.1, 0.8, 44.11N; 0.01; 7.15E; 0.01, h12km±4km,
n129, s190/231, Northern Italy

ATH 02 13:18:05.7,34.25N,25.66E, h6km,2km,ML3.1/6, Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

AFAD 02 13:18:07.3,34.46N,26.14E, h5km,6km,ML2.6

THE 02 13:18:11.3,35.1N,11.2E, h27km,13km,ML2.6/6, MLh2.8/6

ISC 02 13:18:06.5,1.5,34.20N,0.009,25.69E,0.04,h48km,13km, m67, r1992/86, mb3.9/14, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for SCHO Schefferville and CMAR Chiang Mai Arr.

ISC 02 13:20:54.3,5.0,33.72N,25.26E, h0km, mb3.6/5, mbtmp3.5/6, ML4.0/1, Error ellipse: s-maj=93.7km

ISC 02 13:20:58.1,3.6,33.6N,0.03,25.2E,0.4,h35km,n7,r0579/8, mb3.3/5, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for ANO Anoyia, AKASG Malin Array Be, HFS Hagfors, FINES FINES Array B, and MKAR Makanchi Array.

ISC 02 13:25:14.4,7.2,34.49N,25.37E, h0km, mb3.6/3, mbtmp3.4/4, ML2.4/1, Error ellipse: s-maj=375.3km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for BRTR Keskin Array B, KURBB Kurchatov Arra, and MKAR Makanchi Array.

ISC 02 13:32:59.7,1.3,33.99N,25.54E, h0km, mb3.6/5, mbtmp3.5/9, ML3.2/4, Error ellipse: s-maj=25.9km

ISC 02 13:33:02.1,1.0,34.00N,0.1,25.6E,0.1,h17km,n10, r0559/11, mb3.5/4, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for ANO Anoyia, MMAL Mount Meron Ar, EIL Elat, AKASG Malin Array Be, GERES GERES Array B, and TORDD Torodi Ar.

BUI 02 13:33:46.5,33.96N,25.37E, h16km, mb5.4/79

ISC 02 13:33:47.0,0.4,34.14N,25.58E, h0km, mb5.1/38, mbtmp5.1/52, ML4.5/12, Error ellipse: s-maj=9.9km

MOS 02 13:33:47.5,1.0,34.14N,25.49E, h10km, mb5.6/57, MS4.8/5, Error ellipse: s-maj=5.2km s-min=2.9km az=74.1

ISK 02 13:33:47.2,34.12N,25.55E, h5km, ML4.9/25

NEIC 02 13:33:49.6,1.9,34.15N,0.02,25.46E,0.07, h10km,1km, mb5.3/94, Mw5.3/12, Error ellipse: s-maj=10.3km

MCSM 02 13:33:49.1,0.4,34.14N,2.2E, h15km, mb5.1, mB5.3, MLv5.2, Mw(mB)4.8

GII 02 13:33:50.5,0.0,34.007N,0.002,25.835E,0.001, h0km, Mw5.3, confirmed

NEIC 02 13:33:51.4,34.17N,25.46E, h20km

NEIC 02 13:33:51.7,33.97N,25.46E, h10km, Moment Tensor Solution. Duration: 2s2 Moment tensor: Scale 10^17Nm; Mn:0.22; Mw:0.80; Mw:0.57; Mw:1.00; Mw:0.07; Mw:0.23;

Fault plane solution: M1:25000x1017 NP1: 220.89000°, 326.43000°, 120.21000°; NP2: 112.65000°, 361.16000°, 115.00000°; Principal axes: T:0.973, Plg48.0000°; Azm49.0000°; N:0.4352, Plg25.0000°; Azm289.0000°; P:-1.4106, Plg32.0000°; Azm182.0000°;

THE 02 13:33:52.6,34.14N,25.6E, h4km,9km,ML4.9/84, mb5.2/32,MLh4.7/84

ATH 02 13:33:52.6,34.37N,25.42E, h5km,2km,ML4.7/17, Latitude uncertainty: 4 km; Longitude uncertainty: 1 km

AFAD 02 13:33:52.9,33.96N,26.01E, h6km,5km,ML4.6

PDG 02 13:33:52.0,0.4,34.34N,25.09E, h10km,1km,ML5.4/12, Error ellipse: s-maj=50.6km s-min=9.0km az=90.0

GCMT 02 13:33:53.0,0.4,34.22N,0.02,25.59E,0.02, h26km,2km, Mw5.5/62, Moment Tensor Solution. s12:0.12; s82:0.10;

Duration: 1s4 Moment tensor: Scale 10^17Nm; Mn:0.02; Mw:1.0; Mw:2.17; Mw:2.20; Mw:1.04; Mw:1.21; Mw:0.60; Mw:0.10; Mw:0.14; Mw:0.24; Best double couple: M2:31800x1017 NP1:308.00000°, 880.00000°;

λ-173.00000°. NP2:217.00000°, 883.00000°; λ-10.00000°. Principal axes: T:2.830, Plg2.0000°; Azm263.0000°; N:0.0780, Plg78.0000°; Azm2.0000°; P:-2.3530, Plg12.0000°; Azm172.0000°; nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NAO 02 13:33:58.7,34.95N,24.51E, h10km, MB4.4

ISC 02 13:33:59.0,0.5,34.12N,0.03,25.55E,0.02, h15km,2km, m15km;PP-P, n1424, r1562/1427, mb5.3/332, MS5.1/3, 61C-562, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for ZKR Zakros, NPS Neapolis, and NPS.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for NPS Neapolis, NPS Siteia, IACM Heraklion, and IACM Anoyia.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for ANO Anoyia, GVD Gavdhos, VAM Vamos, and IMMV Iera Moni Meta.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for ANK Ankythira Is, ANKY Ankythira Is, MHLO Agia Marina, M, and ARG Arkhangelos.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for VLI Veliai, VLI Veliai, WLS Kinas, and DALY Dalayan (Mula).

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for MET6 Megalochori,Me, MET4 Agioi Theodor, and AKAS Makryloggos,Me.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for STFN Stefani, LTK Loutraki, VILL Villia, and ELL Elmal.

2d 13h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KORT Korkueli, KORT Korkueli, KORT Korkueli, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like NVR Neurokopi, KDZ Kurdzhali, KDZ Kurdzhali, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like NKME Niksic, NKME NKME, SGRR Singureni, etc.

Table with columns: MOY, MOY, 55.48, 47, eP, P, 13 43 25.6 +1.4, etc. Includes entries like KULLO KULLO, GOMU GOMU, MREMI Moremi, etc.

Table with columns: HIA Hailar, 67.53, 45, i P, P, 13 44 45.2 -0.4, etc. Includes entries like XLT XLT, GYA GYA, ENH ENH, etc.

Table with columns: D20K Etivuk River, 77.46, 1, I Amb, I Amb, 13 45 49.9, etc. Includes entries like D20K Etivuk River, TOLK Toolik Lake, C17K DeLong Mountain, etc.

2d 13h

I30M	Mount Dempster	79.98	352	P	P	13 45 58.8 +0.3
GU0A1	Guaratina, BA	80.02	242	eP	P	13 45 59.5 +0.3
G19K	Purcell Mounta	80.03	1	I	I	13 46 04.1
G19K	Purcell Mounta	80.03	1	P	P	13 45 59.3 +0.8
I29M	Ogilvie Camp,	80.04	353	I	I	13 46 00.1
I29M	Ogilvie Camp,	80.04	353	P	P	13 45 58.8 +0.2
TNA	Tin City	80.09	6	P	P	13 45 59.4 +0.6
I27K	Kandik River	80.10	355	I	I	13 46 05.0
I27K	Kandik River	80.10	355	P	P	13 45 59.8 +0.8
I28M	Miner Creek	80.11	354	P	P	13 45 59.2 +0.1
F15K	North Star Dit	80.18	4	P	P	13 45 59.7 +0.3
IMAR	Indian Mountai	80.21	360	P	P	13 45 59.5 0.0
H24K	Noodor Dome	80.23	357	P	P	13 46 00.4 +0.7
G18K	Tagagawik	80.25	2	I	I	13 46 04.8
G18K	Tagagawik	80.25	2	P	P	13 46 00.4 +0.6
H22K	Ishlaltina Cre	80.28	359	I	I	13 46 05.7
H22K	Ishlaltina Cre	80.28	359	P	P	13 46 01.1 +1.2
F14K	Arctic Creek	80.30	5	P	P	13 46 00.8 +0.8
H23K	Yukon River	80.30	358	I	I	13 46 02.7
H23K	Yukon River	80.30	358	P	P	13 46 01.3 +1.3
PRP	Porcupine Dome	80.44	356	P	P	13 46 01.9 +1.0
I26K	Coal Creek Min	80.50	355	I	I	13 46 06.7
I26K	Coal Creek Min	80.50	355	P	P	13 46 02.1 +1.0
H21K	Melozitna Rive	80.53	359	I	I	13 46 07.0
H21K	Melozitna Rive	80.53	359	P	P	13 46 02.4 +1.1
G17K	Kiwalik Mounta	80.58	3	P	P	13 46 01.5 0.0
J30M	Hart River	80.60	352	P	P	13 46 02.6 +0.8
G16K	Koyuk River	80.62	3	I	I	13 46 03.3
G16K	Koyuk River	80.62	3	P	P	13 46 02.2 +0.6
H19K	Roundabout Mou	80.66	1	I	I	13 46 07.5
H19K	Roundabout Mou	80.66	1	P	P	13 46 02.6 +0.7
FFC	Flin Flon	80.69	332	P	P	13 46 01.7 -0.6
FFC	Flin Flon	80.69	332	pmax	pmax	13 46 01.7 -0.6
H20K	Antoleneega Mo	80.71	0	P	P	13 46 02.9 +0.6
J29N	Klondike Camp	80.92	353	I	I	13 46 14.1
J29N	Klondike Camp	80.92	353	P	P	13 46 04.4 +0.9
G15K	Niukuk	80.92	4	P	P	13 46 04.1 +0.8
POKR	Poker Plat Res	80.93	357	P	P	13 46 04.1 +0.7
I23K	Minto, Yukon-K	80.97	358	P	P	13 46 04.8 +1.2
H18K	Honhosa River	81.00	2	I	I	13 46 08.7
H18K	Honhosa River	81.00	2	P	P	13 46 04.7 +0.9
I21K	Tanana	81.00	359	P	P	13 46 05.2 +1.4
MLY	Manley	81.13	358	I	I	13 46 09.6
MLY	Manley	81.13	358	P	P	13 46 05.3 +0.7
H17K	Granite Mounta	81.17	2	P	P	13 46 04.9 +0.2
DSRI	Dabo	81.19	97	P	P	13 46 05.3 -0.3
COLA	College	81.19	357	P	P	13 46 05.4 +0.7
COLA	College	81.19	357	p	p	13 46 05.1 +0.3
SMTB	Santa Maria do	81.23	253	eP	P	13 46 07.0 +1.2
IL31	ILAR	81.25	357	P	P	13 46 05.3 +0.2
ILAR	Eielson Array	81.25	357	P	P	13 46 05.4 +0.3
ILAR	comp-Z,1.8nm,1.0s,baz=354,slow=3.7,SNR=84	PKKPbc	PKKPbc	14 04 38.5	-2.3	
SDBA	SAO DESIDERIO	81.26	249	eP	P	13 46 07.6 +1.7
ANM	Nome	81.26	5	P	P	13 46 05.8 +0.7
J25K	Salcha River,	81.33	356	P	P	13 46 06.1 +0.5
ULM	Lac du Bonnet	81.34	326	P	P	13 46 05.6 -0.3
H16K	Elim	81.38	3	P	P	13 46 06.0 +0.2
I20K	Naaglik	81.41	0	P	P	13 46 07.4 +1.5
CCB	Clear Creek Bu	81.42	357	I	I	13 46 10.9
GCSA	Galena City Sc	81.44	1	P	P	13 46 07.2 +1.2
K29M	Barlow Dome	81.44	352	P	P	13 46 07.3 +1.0
GAMB	Gambell	81.47	8	P	P	13 46 06.3 0.0
NEA2	Nenana	81.52	358	I	I	13 46 11.7
NEA2	Nenana	81.52	358	P	P	13 46 06.6 +0.1
YSS	Yuzhno-Sakhali	81.55	38	P	P	13 46 07.9 +0.9
YSS	Yuzhno-Sakhali	81.55	38	eP	P	13 46 07.9 +0.9
HDA	Harding Lake	81.62	357	P	P	13 46 07.2 +0.1
K27K	Chicken	81.69	355	I	I	13 46 13.3
MMPY	Sheldon Lake,	81.80	349	I	I	13 46 14.8
SCRK	Sand Creek	81.88	355	I	I	13 46 14.4
SCRK	Sand Creek	81.88	355	P	P	13 46 09.5 +0.9
G40A	Rib Lake	81.90	320	I	I	13 46 21.8
J20K	Nowinta River	82.03	360	I	I	13 46 14.4
J20K	Nowinta River	82.03	360	P	P	13 46 10.2 +1.0
BPAW	Bear Paw Mtn.	82.07	358	P	P	13 46 09.3 -0.2
K24K	Donnelly Dome	82.16	356	P	P	13 46 10.3 +0.3
RIDG	Independent Ri	82.17	356	I	I	13 46 15.6
RIDG	Independent Ri	82.17	356	P	P	13 46 10.6 +0.5
RIB01	Linhares ES	82.19	241	eP	P	13 46 11.9 +1.2
I17K	Unalakleet	82.19	3	I	I	13 46 14.9
I17K	Unalakleet	82.19	3	P	P	13 46 10.6 +0.5
J19K	Poorman	82.21	1	I	I	13 46 15.9
J19K	Poorman	82.21	1	P	P	13 46 11.2 +1.0
L29M	L29M	82.22	353	I	I	13 46 12.5
L29M	L29M	82.22	353	P	P	13 46 11.5 +1.2

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CHUM	Lake Minchumin	82.31	359	P	P	13 46 12.1 +1.4
MCK	MCKinley	82.38	358	P	P	13 46 11.3 +0.2
SJMB	Sao Jao Do Ma	82.38	241	eP	P	13 46 10.9 -0.8
JANB	Januarja	82.42	246	eP	P	13 46 12.5 +0.4
M30M	Minto, Yukon	82.59	352	P	P	13 46 12.8 +0.6
BCAR	Beaver Creek A	82.61	354	I	I	13 46 12.5 +0.2
L27K	Beaver Creek	82.62	354	I	I	13 46 14.7
L27K	Beaver Creek	82.62	354	P	P	13 46 13.4 +1.0
M31M	Drury Creek, Y	82.65	351	I	I	13 46 18.1
M31M	Drury Creek, Y	82.65	351	P	P	13 46 13.7 +1.2
RND	Reindeer	82.70	357	I	I	13 46 13.4
TRF	Thorofore Moun	82.70	358	P	P	13 46 13.0 0.0
J17K	VABM Dome	82.74	2	I	I	13 46 18.4
J17K	VABM Dome	82.74	2	P	P	13 46 14.2 +1.2
L26K	Log Cabin Wild	82.78	355	I	I	13 46 18.5
L26K	Log Cabin Wild	82.78	355	P	P	13 46 14.2 +1.0
J16K	Anvik River	82.80	3	I	I	13 46 18.6
J16K	Anvik River	82.80	3	P	P	13 46 13.9 +0.6
K20K	Telida	82.85	360	I	I	13 46 19.1
K20K	Telida	82.85	360	P	P	13 46 14.4 +0.8
MENT	Mentasta	82.89	355	I	I	13 46 19.0
MENT	Mentasta	82.89	355	P	P	13 46 14.8 +1.0
M29M	Somme Creek	82.91	353	P	P	13 46 14.9 +0.9
DHY	Denali Highway	82.97	357	P	P	13 46 14.6 +0.2
PAX	Paxson	82.97	356	P	P	13 46 14.8 +0.5
I40A	Norwalk	83.03	319	I	I	13 46 38.5
MDSI	Maura Dua	83.13	100	P	P	13 46 14.9 -0.9
JNU	Beaver Creek	83.13	55	P	P	13 46 15.9 +0.3
BVCY	Beaver Creek	83.17	354	P	P	13 46 16.6 +1.3
J14K	Nanvaranak Lak	83.19	4	I	I	13 46 16.8
J14K	Nanvaranak Lak	83.19	4	P	P	13 46 15.5 +0.3
WAT1	Susitna Watana	83.27	357	P	P	13 46 15.8 +0.1
PPLA	Purkeyville	83.30	359	P	P	13 46 16.5 +0.4
M27K	Edge Creek, AK	83.32	354	P	P	13 46 17.6 +1.4
LWLI	Llwa	83.33	101	P	P	13 46 16.6 -0.4
JKA	Kamikawa-asahi	83.36	40	I	I	13 46 20.5
M26K	Nabesna, AK	83.37	355	I	I	13 46 21.4
M26K	Nabesna, AK	83.37	355	P	P	13 46 17.2 +0.9
K17K	Iditarod	83.45	2	P	P	13 46 17.1 +0.4
N32M	Quiet Lake	83.47	350	P	P	13 46 18.0 +1.1
R49A	Shelbyville	83.47	312	I	I	13 46 35.0
JFWS	Jewell Farm	83.47	318	I	I	13 46 23.5
WAT6	Susitna Watana	83.48	357	P	P	13 46 17.5 +0.5
HARP	HAARP	83.52	356	P	P	13 46 17.4 +0.3
N31M	Braeburn, Yuko	83.52	351	I	I	13 46 21.7
N31M	Braeburn, Yuko	83.52	351	P	P	13 46 17.7 +0.6
L22K	Petaville	83.64	358	P	P	13 46 18.0 +0.3
PEA0B	Petrovavlovsk-	83.69	27	eP	P	13 46 18.6 +0.5
PETK	PETK	83.69	27	P	P	13 46 17.2 -0.8
PETK	Petrovavlovsk-	83.69	27	P	P	13 46 16.6 -1.5
KLSI	KLSI	83.70	100	P	P	13 46 18.4 -0.3
N30M	Aishikik Lake	83.71	352	I	I	13 46 23.1
N30M	Aishikik Lake	83.71	352	P	P	13 46 18.4 +0.3
L42A	Oliver, Polo	83.75	317	I	I	13 46 35.6
CUT	Chulitna	83.75	358	P	P	13 46 18.0 -0.2
K15K	Wolf Creek Mou	83.75	3	I	I	13 46 23.1
K15K	Wolf Creek Mou	83.75	3	P	P	13 46 19.1 +0.9
WTLY	Watson Lake, Y	83.75	347	I	I	13 46 23.9
YUK3	Moose Creek	83.77	353	P	P	13 46 19.4 +0.9
M24K	Tolsona, Glenn	83.87	356	P	P	13 46 19.7 +0.8
K13K	Kusivluk Mount	83.92	5	I	I	13 46 20.4
K13K	Kusivluk Mount	83.92	5	P	P	13 46 19.5 +0.4
DIAM	Diamantina, MG	83.95	243	eP	P	13 46 22.2 +2.2
L18K	Garinia Mounta	83.98	1	I	I	13 46 25.1
L18K	Granite Mounta	83.98	1	P	P	13 46 20.0 +0.7
KASI	Kota Agung	83.98	101	P	P	13 46 19.9 -0.2
YUK4	Talbot Arm	84.00	352	P	P	13 46 20.2 +0.4
BRWY	Burwash Landin	84.02	353	P	P	13 46 20.9 +1.2
L19K	White Mountain	84.03	0	P	P	13 46 20.0 +0.3
L19K	White Mountain	84.03	0	I	I	13 46 21.7
L19K	White Mountain	84.03	0	P	P	13 46 20.3 +0.6
YUK8	Steele Glacier	84.18	353	P	P	13 46 20.6 -0.2
WHY8	Whitehorse	84.20	350	I	I	13 46 25.6
WHY8	Whitehorse	84.20	350	P	P	13 46 21.0 +0.4
SKT	Skwertna	84.20	359	P	P	13 46 20.0 -0.6
SCM	Sheep Creek Mo	84.21	357	P	P	13 46 21.6 +1.0
O30N	Mendocino	84.26	351	P	P	13 46 21.1 +0.2
M23K	Glacier View	84.2				

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like O18K Koktuh Hills, O18K Koktuh Hills, O18K Koktuh Hills, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like ARG Arkhangelos, DAT Datca, MSLB Milas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Rows include stations like SONM Songino Array, SCHO Schoffeville, CMAR Chiang Mai Arr, etc.

ISC 02 13:40:51.3, 1.0, 33.96N, 25.56E, h0km, mb3.9/13, mbmp4.8/19, ML3.5/6, Error ellipse: s-maj=22.0km, s-min=15.9km, Az=23.0

ISC 02 13:40:58.9, 34.38N, 25.64E, h12km, ML3.1/11, ISC 02 13:40:54.3, 0.8, 34.02N, 0.08, 25.64E, h17km, n38, s=174/44, mb3.9/12, Crete

BJI 02 13:45:16.7, 33.67N, 25.18E, h27km, mb4.8/29, ISK 02 13:45:17.7, 34.07N, 25.56E, h5km, ML4.1/29, MOS 02 13:45:17.5, 1.1, 34.07N, 25.50E, h1km, mb4.9/32, Error ellipse: s-maj=7.6km, s-min=5.7km, Az=72.0

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2d 13h	NAZL	Nazilli-Aydin	4.49	28	Pn	Pn	13 46 29.6	+2.4
	BLBC	Balçova	4.49	15	Pn	Pn	13 46 28.8	+1.6
	AKUM	Antalya-Kumluç	4.51	58	P	Pn	13 46 28.4	+0.9
	AKUM	Golhisar	4.54	44	P	Pn	13 47 16.6	+3.5
	GOLH		4.54	44	P	Pn	13 46 30.0	+2.5
	GOLH		4.54	44	P	Pn	13 46 34.9	+4.3
		comp=E,161nm,0.6s						
	DNIZ	Denizli-Tavas-	4.54	37	P	Pn	13 46 30.9	+2.8
	DNIZ		4.54	37	P	Pn	13 47 23.4	+2.5
		comp=E,205nm,0.4s						
	APMY	Acipayam-Deniz	4.56	40	Pn	Pn	13 46 30.4	+2.1
	ODEM	Odemis-IZMIR	4.68	25	Pn	Pn	13 46 31.9	+2.0
	KEMT	Keemer-ANTALYA	4.80	56	Pn	Pn	13 46 34.0	+2.6
	KORT	Korkuelli	4.88	51	Pn	Pn	13 46 35.2	+2.5
	KORT	Korkuelli	4.88	51	Pn	Pn	13 46 34.9	+2.2
	KORT		4.88	51	Pn	Pn	13 47 27.2	-2.0
	KORT		4.88	51	Pn	Pn	13 47 37.0	
		comp=E,184nm,0.5s						
	KORT		4.88	51	Pn	Pn	13 47 43.0	
	KORT		4.88	51	Pn	Pn	13 46 30.6	-2.1
	INCE	Denizli-Bozkur	4.88	40	P	Pn	13 47 29.5	+0.2
	INCE		4.88	40	P	Pn	13 46 37.1	+1.9
	ANTB	Antalya	5.02	54	Pn	Pn	13 46 37.1	+1.9
	MANT	Manisli	5.05	28	Pn	Pn	13 46 36.3	+1.2
	KULA	Kula-Manisa	5.11	28	Pn	Pn	13 46 37.1	+1.9
	BUCA	Burdur, Bucak-	5.21	50	Pn	Pn	13 46 39.5	+2.4
	BUCA		5.21	50	Pn	Pn	13 47 36.1	-1.1
	BUCA		5.21	50	Pn	Pn	13 48 01.0	
		comp=E,81nm,0.7s						
	GORD	Gordes-Manisa	5.29	22	Pn	Pn	13 46 40.2	+2.0
	BASM	Basmaki-Afyon	5.30	42	Pn	Pn	13 46 41.1	+2.7
	BCK	Bucak	5.31	49	Pn	Pn	13 46 40.6	+2.1
	ISP	Isparta	5.50	45	Pn	Pn	13 46 44.1	+2.9
	ISP	Isparta	5.50	45	Pn	Pn	13 46 43.0	+1.8
	ISP	Isparta	5.50	45	Pn	Pn	13 46 41.0	+0.9
	KEPZ	Antalya-Kepez	5.68	58	S	Pn	13 46 45.2	+1.6
	KEPZ		5.68	58	S	Pn	13 47 48.3	+0.4
		comp=N,65nm,0.7s						
	KEPZ		5.68	58	S	Pn	13 47 56.0	
		comp=E,64nm,0.6s						
	BALB	Balikesir	5.88	18	Pn	Pn	13 46 48.7	+2.4
	GAZI	Gazipasa	5.93	66	P	Pn	13 46 47.1	+0.1
	GAZI		5.93	66	P	Pn	13 47 50.9	-4.0
	GAZI		5.93	66	P	Pn	13 47 55.0	
		comp=E,129nm,0.5s						
	GAZI		5.93	66	P	Pn	13 47 59.0	
		comp=N,187nm,0.5s						
	SEDI	Konya, Seydisse	6.06	54	P	Pn	13 46 52.4	+3.5
	SEDI		6.06	54	P	Pn	13 47 59.6	+1.4
	SEDI		6.06	54	P	Pn	13 48 07.0	
		comp=N,95nm,0.7s						
	SEDI		6.06	54	P	Pn	13 48 10.0	
		comp=E,92nm,0.7s						
	YVAC	Isparta, Yalva	6.22	46	P	Pn	13 46 51.1	0.0
	YVAC		6.22	46	P	Pn	13 47 58.5	-3.7
	CSS	Mathiatis	6.46	80	Pn	Pn	13 46 53.7	-0.6
	CSS	Mathiatis	6.46	80	Pn	Pn	13 46 54.9	+0.6
		0.8nm,136nm,0.8s						
	CSS	Mathiatis	6.46	80	Pn	Pn	13 46 54.6	+0.3
	CSS	Mathiatis	6.46	80	Pn	Pn	13 48 05.4	+2.5
	LIT	Litokhoron	6.53	339	Pn	Pn	13 46 56.6	+1.3
	LIT	Litokhoron	6.53	339	Pn	Pn	13 46 56.6	+1.3
	BAND	Balkesir-Ban	6.61	17	Pn	Pn	13 46 58.4	+2.0
	ALN	Alexandroupoli	6.85	3	Pn	Pn	13 46 59.4	+2.0
	ALN	Alexandroupoli	6.85	3	Pn	Pn	13 46 59.4	+2.0
	RDO	Rodhopy	7.09	360	Pn	Pn	13 47 04.1	+1.2
	CTYL	Yalova Yolu	7.72	15	Pn	Pn	13 47 13.2	+1.6
		0.2nm37nm,0.7s						
	SAHE	Sakarya, HENDEK	7.98	30	Pn	Pn	13 47 18.0	+2.8
	OFRI	Ofer	7.99	98	Pn	Pn	13 47 15.1	+0.3
	OFRI		7.99	98	Pn	Pn	13 48 41.9	-3.8
	HNTI	Hanita	8.06	94	Pn	Pn	13 47 16.1	-0.1
	HNTI		8.06	94	Pn	Pn	13 48 43.7	-3.6
	KZTI	Kziot	8.07	110	Pn	Pn	13 47 16.1	-0.4
	KZTI		8.07	110	Pn	Pn	13 48 43.7	-4.0
	SLTI	Sa'it	8.13	100	Pn	Pn	13 47 16.3	-0.9
	SLTI		8.13	100	Pn	Pn	13 48 45.0	-4.1
	AMAZ	Amatzia	8.24	105	Pn	Pn	13 47 18.6	-0.2
	AMAZ		8.24	105	Pn	Pn	13 48 47.9	-3.9
	MMCT	Mount Meron ar	8.25	94	Pn	Pn	13 47 18.8	-0.1
	MMAGB	Mount Meron ar	8.26	94	Pn	Pn	13 47 18.7	-0.4
	MMAGS		8.26	94	Pn	Pn	13 48 49.1	-3.3
	MMAI	Mount Meron Ar	8.26	94	Pn	Pn	13 47 18.3	-0.8
		8.8nm,0.3s,baz=282,slow=12,SNR=17						
	MMAI		8.26	94	Pn	Pn	13 48 40.8	-1.2
		2.7nm,0.3s,baz=288,slow=40,SNR=20						
	BHL	Bhannes	8.36	88	Pn	Pn	13 47 19.5	-1.0
	MMLI	Mount Malkishu	8.39	98	Pn	Pn	13 47 20.3	+0.6
	MMLI		8.39	98	Pn	Pn	13 48 51.6	-4.0
	KIRS	Kirsehir-Merke	8.40	50	Pn	Pn	13 47 23.4	+2.3
	GEM	Giv'at Ha'Em	8.44	93	Pn	Pn	13 47 21.4	-0.2
	GEM		8.44	93	Pn	Pn	13 48 53.4	-3.4
	YTIR	Yatir	8.46	106	Pn	Pn	13 47 21.6	-0.3
	YTIR		8.46	106	Pn	Pn	13 48 53.4	-3.9
	RMNI	Mount Ramon	8.49	111	Pn	Pn	13 47 22.1	-0.1
	RMNI		8.49	111	Pn	Pn	13 48 54.2	-3.8
	NATI	Neve Ativ	8.50	92	Pn	Pn	13 47 22.3	+0.1
	NATI		8.50	92	Pn	Pn	13 48 54.9	-3.1
	HMDT	Nahal Hemdat	8.52	99	Pn	Pn	13 47 21.8	-0.8
	HMDT		8.52	99	Pn	Pn	13 48 54.9	-3.9
	BR105	Keskin Array S	8.57	46	Pn	Pn	13 47 25.8	+2.4
		104nm13nm,1.0s						
	BR104	Keskin Array S	8.58	46	Pn	Pn	13 47 25.5	+2.0
		171nm22nm,0.9s						
	BR106	Keskin Array S	8.58	46	Pn	Pn	13 47 25.6	+2.1
		189nm9.5m,0.7s						
	BR131	Keskin Array S	8.59	46	Pn	Pn	13 47 24.9	+1.3
	BR131	Keskin Array S	8.59	46	Pn	Pn	13 47 24.9	+1.3
	BRTR	Keskin Array B	8.59	46	Pn	Pn	13 47 25.0	+1.3
		0.6nm,1.3s,baz=226,slow=14,SNR=22						
	BRTR		8.59	46	Pn	Pn	13 48 57.2	-3.3
		0.1nm,0.3s,baz=202,slow=17,SNR=1.2						
	BRTR	Keskin Array B	8.59	46	Pn	Pn	13 47 26.1	+2.5
	BRTR	Keskin Array B	8.59	46	Pn	Pn	13 47 25.7	+2.1
		comp=Z,7.0nm,0.8s						
	HWO	Hawqa	8.59	86	Pn	Pn	13 47 23.0	-0.6
	DSH	Dead Sea	8.60	104	Pn	Pn	13 47 23.4	-0.4
	DSH		8.60	104	Pn	Pn	13 48 57.7	-4.0
	KSH	Keshet	8.60	94	Pn	Pn	13 47 23.9	+0.1
	KSHT		8.60	94	Pn	Pn	13 48 57.4	-3.3
	MSBI	Mazada	8.67	106	Pn	Pn	13 47 24.3	-0.3
	MSBI		8.67	106	Pn	Pn	13 48 58.2	-4.2
	KRMI	Paran Flat	8.68	114	Pn	Pn	13 47 25.4	+0.5
	KRMI		8.68	114	Pn	Pn	13 48 58.3	-3.3
	TIP	Timpagrande	8.75	308	Pn	Pn	13 47 25.5	-0.4
	TIP	Timpagrande	8.75	308	Pn	Pn	13 47 26.0	+0.2
	PRNI	Paran	8.79	112	Pn	Pn	13 47 26.7	+0.5
	PRNI		8.79	112	Pn	Pn	13 49 01.4	-3.8
	IDAN	Idan	8.79	109	Pn	Pn	13 47 26.0	+0.2
	IDAN		8.79	109	Pn	Pn	13 49 01.1	-4.2
	ZFRI	Zfri	8.83	111	Pn	Pn	13 47 25.6	-1.2
	ZFRI		8.83	111	Pn	Pn	13 49 02.2	-4.1
	GHAJ	Ghor Haditha	8.84	105	Pn	Pn	13 47 27.4	+0.4
	GHAJ	Ghor Haditha	8.84	105	Pn	Pn	13 47 27.4	+0.4
	GHAJ		8.84	105	Pn	Pn	13 49 02.7	-3.9
	CELJ	Celeste	8.90	301	Pn	Pn	13 47 27.8	+0.0
	HRFI	Mount Harif	8.96	114	Pn	Pn	13 47 29.3	+0.7
	HRFI		8.96	114	Pn	Pn	13 49 06.0	-3.5
	EIL	Elat	9.08	116	Pn	Pn	13 47 30.2	0.0
		comp=Z,5.5nm,0.3s,baz=315,slow=42,SNR=20						
	EIL		9.08	116	Pn	Pn	13 49 07.9	-4.5
		comp=Z,8.9nm,0.3s,baz=34,slow=16,SNR=6.3						
	EIL		9.08	116	Pn	Pn	13 47 30.0	-0.2

AAK AAK	comp=Z,2.4nm,0.6s,baz=28,slow=3.4,SNR=6.3	38.85	62	i	P	P	13 52 44.0	-0.6
DBIC	comp=Z,9.0nm,1.4s	39.16	233	P	P		13 52 48.3	+1.1
NIL NIL	comp=Z,1.7nm,0.6s,baz=138,slow=6.8,SNR=1.7	39.30	77	P	I	Amb	13 52 48.3	0.0
NIL NIL	comp=Z,2.3nm,1.4s	39.30	77	P	P	P	13 52 48.3	0.0
BOOM BOOM	comp=Z,2.23nm,1.4s	39.92	63	P	P		13 52 54.2	+0.6
BOOM BOOM	comp=Z,2.2nm,0.6s	39.92	63	P	P	P	13 52 54.2	+0.6
KSH2 KSH2	comp=Z,7.0nm,1.3s	40.04	68	P	P	P	13 52 55.8	+1.3
NRN NRN	comp=Z,7.0nm,0.8s	40.07	64	P	P	P	13 52 54.4	-0.6
KURKB KURKB	comp=Z,1.9nm,0.5s,baz=273,slow=8.6,SNR=174	40.07	64	P	P	P	13 52 54.4	-0.6
KURK KURK	comp=Z,1.9nm,0.5s	41.62	50	P	P	P	13 53 07.0	+0.8
KURK KURK	comp=Z,3.35nm,1.4s	41.62	50	P	P	P	13 53 02.9	-1.2
WUS MAKZ	comp=Z,6.6nm,0.6s	42.51	64	P	P	P	13 53 14.5	-0.3
MAKZ MAKZ	comp=Z,2.6nm,0.6s	43.89	56	P	P	P	13 53 26.4	+0.7
MAKZ MAKZ	comp=Z,7.0nm,0.6s	44.10	56	P	P	P	13 53 28.4	+0.9
MK31 MKAR	comp=Z,12nm,0.6s,baz=278,slow=6.7,SNR=95	44.10	56	P	P	P	13 53 28.4	+1.0
MKAR MKAR	comp=Z,1.2nm,0.6s	44.10	56	P	P	P	13 53 28.1	+0.6
MKAR MKAR	comp=Z,1.3nm,0.6s	44.10	56	P	P	P	13 53 28.3	+0.8
SPITS SPITS	comp=Z,5.5nm,0.9s,baz=153,slow=11,SNR=11	44.22	357	P	P	P	13 53 29.1	-0.4
ZALV ZALV	comp=Z,6.5nm,0.9s	45.53	45	P	P	P	13 53 38.9	+0.3
ZALV ZALV	comp=Z,1.3nm,0.7s,baz=285,slow=11,SNR=1.7	45.53	45	P	P	P	13 55 25.7	+0.7
ZALV WMQ	comp=Z,1.3nm,0.5s	45.53	45	P	P	P	13 53 38.3	-0.3
NRHK NRHK	comp=Z,5.9nm,0.5s,baz=241,slow=2.2,SNR=6.4	46.27	59	P	P	P	13 54 03.2	+2.9
NRHK NRHK	comp=Z,5.9nm,0.5s	46.27	59	P	P	P	13 54 04.3	+0.8
NRHK NRHK	comp=Z,7.0nm,0.6s	47.74	25	P	P	P	13 54 02.0	-1.5
EVN KNGR	comp=Z,7.0nm,0.6s	52.16	79	P	P	P	13 54 31.0	+0.3
KNGR KNGR	comp=Z,5.2nm,0.9s	52.16	79	P	P	P	13 54 41.1	+0.8
MOY MOY	comp=Z,2.0nm,1.2s	55.51	47	eP	P	P	13 54 55.6	+1.3
MOY MOY	comp=Z,1.3nm,1.8s	57.11	47	P	P	P	13 55 06.7	+1.1
TLY TLY	comp=Z,9.0nm,0.9s	57.11	47	P	P	P	13 55 07.1	+0.6
ZAK ZAK	comp=Z,10.0nm,1.2s	57.22	48	eP	P	P	13 55 13.8	+0.8
GTA2 GTA2	comp=Z,6.0nm,1.1s	58.12	61	eP	P	P	13 55 26.1	+0.7
SOMN SOMN	comp=Z,4.0nm,0.7s,baz=295,slow=9.1,SNR=19	59.92	50	P	P	P	13 55 25.7	+0.3
SOMN ULN	comp=Z,4.0nm,0.7s	59.92	50	P	P	P	13 55 27.4	-0.8
ULN ULN	comp=Z,7.0nm,0.8s	62.09	20	i	P	P	13 55 39.1	-0.4
TIXI TIXI	comp=Z,4.0nm,0.9s	62.32	180	P	P	P	13 55 43.1	+1.5
BOSA BOSA	comp=Z,3.6nm,0.9s	62.32	180	P	P	P	13 55 42.0	+0.3
BOSA BOSA	comp=Z,4.9nm,0.9s	62.32	180	P	P	P	13 55 47.7	
SCHQ SCHQ	comp=Z,3.8nm,0.4s,baz=69,slow=4.4,SNR=20	64.27	320	P	P	P	13 55 54.6	+0.3
HHC HHC	comp=Z,1.2nm,0.5s	65.97	56	eP	P	P	13 56 06.3	+0.6
CMAR CMAR	comp=Z,3.7nm,1.1s,baz=298,slow=8.2,SNR=17	66.35	83	P	P	P	13 56 08.9	+0.6
CMAR YAK	comp=Z,3.7nm,1.1s	66.35	83	P	P	P	13 56 09.0	+0.6
YAK YAK	comp=Z,4.3nm,0.7s	67.44	45	P	P	P	13 56 15.7	+0.8
HILR HILR	comp=Z,4.3nm,0.7s,baz=284,slow=6.0,SNR=5.8	67.56	45	i	P	P	13 56 16.0	+0.4
HIA HIA	comp=Z,2.0nm,1.3s	71.46	42	eP	P	P	13 56 40.4	+0.8
HEH HEH	comp=Z,1.5nm,0.7s	73.82	46	i	P	P	13 56 54.4	+0.7
BNX BNX	comp=Z,1.3nm,1.2s	74.06	14	i	P	P	13 56 54.6	-0.1
BILL KLR	comp=Z,3.7nm,1.1s	74.38	41	i	P	P	13 56 56.6	-0.4
SEY SEY	comp=Z,4.3nm,0.7s	74.46	22	i	P	P	13 56 57.0	-0.1
36M 36M	comp=Z,9.0nm,0.9s	74.53	349	P	P	P	13 56 57.7	+0.2
A21K A21K	comp=Z,2.6nm,0.6s	74.53	349	P	P	P	13 56 57.6	+0.2
A22K A22K	comp=Z,3.8nm,0.4s,baz=69,slow=4.4,SNR=20	74.92	1	P	P	P	13 57 00.2	+0.6
NJ2 NJ2	comp=Z,3.8nm,0.4s	75.25	0	P	P	P	13 57 02.4	+0.8
B22K B22K	comp=Z,3.0nm,0.6s	75.28	61	eP	P	P	13 57 02.4	-0.1
B22K B22K	comp=Z,3.0nm,0.6s	75.92	360	I	Amb	I	13 57 08.5	
A19K C26K	comp=Z,6.8nm,0.9s	75.92	360	P	P	P	13 57 06.3	+0.9
B20K B20K	comp=Z,1.0s	75.94	2	P	P	P	13 57 06.7	+1.1
B20K B20K	comp=Z,8.4nm,1.0s	76.11	357	P	P	P	13 57 07.5	+0.9
B20K B20K	comp=Z,8.4nm,1.0s	76.23	1	P	I	Amb	13 57 09.5	
D28M D28M	comp=Z,8.4nm,1.0s	76.23	1	P	P	P	13 57 08.4	+1.2
C27K C27K	comp=Z,8.4nm,1.0s	76.23	356	I	Amb	I	13 57 08.6	+1.0
C27K C27K	comp=Z,8.4nm,1.0s	76.34	356	I	Amb	I	13 57 11.0	
C27K C27K	comp=Z,8.4nm,1.0s	76.34	356	P	P	P	13 57 08.8	+0.9
C23K C23K	comp=Z,8.4nm,1.0s	76.39	359	P	P	P	13 57 09.6	+1.5
C24K C24K	comp=Z,8.4nm,1.0s	76.46	358	I	Amb	I	13 57 17.7	
C24K C24K	comp=Z,8.4nm,1.0s	76.46	358	P	P	P	13 57 09.2	+0.7
D27M D27M	comp=Z,8.4nm,1.0s	76.54	355	P	P	P	13 57 09.9	+0.8
B21K B21K	comp=Z,8.4nm,1.0s	76.64	0	P	P	P	13 57 10.9	+1.4
D25K D25K	comp=Z,8.4nm,1.0s	76.77	357	P	P	P	13 57 11.0	+0.6
INK INK	comp=Z,8.8nm,1.3s	76.77	352	P	I	Amb	13 57 09.7	-0.6

INK INK	comp=Z,9.0nm,1.3s	76.77	352	P	P	P	13 57 09.7	-0.6
INK INK	comp=Z,9.0nm,1.3s	76.77	352	P	P	P	13 57 10.5	+0.2
D24K D24K	comp=Z,9.0nm,1.3s	77.03	358	P	P	P	13 57 12.7	+0.9
E28M E28M	comp=Z,9.0nm,1.3s	77.06	354	I	Amb	I	13 57 13.9	
E28M E28M	comp=Z,9.0nm,1.3s	77.06	354	P	P	P	13 57 12.7	+0.7
C19K C19K	comp=Z,9.0nm,1.3s	77.09	2	P	P	P	13 57 13.0	+0.9
C21K C21K	comp=Z,9.0nm,1.3s	77.11	0	P	P	P	13 57 13.4	+1.1
E29M E29M	comp=Z,9.0nm,1.3s	77.14	354	P	P	P	13 57 13.3	+0.9
D23K D23K	comp=Z,9.0nm,1.3s	77.26	359	I	Amb	I	13 57 15.6	
D23K D23K	comp=Z,9.0nm,1.3s	77.26	359	P	P	P	13 57 14.6	+1.5
USRK USRK	comp=Z,9.0nm,1.3s	77.38	45	P	P	P	13 57 14.7	+0.5
C18K C18K	comp=Z,9.0nm,1.3s	77.49	3	I	Amb	I	13 57 16.2	
C18K C18K	comp=Z,9.0nm,1.3s	77.49	3	P	P	P	13 57 15.2	+0.7
D20K D20K	comp=Z,9.0nm,1.3s	77.54	1	I	Amb	I	13 57 16.7	
D20K D20K	comp=Z,9.0nm,1.3s	77.54	1	P	P	P	13 57 15.8	+1.1
TOLK TOLK	comp=Z,9.0nm,1.3s	77.56	358	P	P	P	13 57 15.9	+1.0
C17K C17K	comp=Z,9.0nm,1.3s	77.58	3	P	P	P	13 57 15.9	+1.0
F31M F31M	comp=Z,9.0nm,1.3s	77.62	352	P	P	P	13 57 15.0	-0.1
F31M F31M	comp=Z,9.0nm,1.3s	77.62	352	P	P	P	13 57 15.8	+0.7
E27K E27K	comp=Z,9.0nm,1.3s	77.63	355	P	P	P	13 57 16.1	+0.9
C16K C16K	comp=Z,9.0nm,1.3s	77.67	4	I	Amb	I	13 57 16.6	
C16K C16K	comp=Z,9.0nm,1.3s	77.67	4	P	P	P	13 57 15.7	+0.4
F30M F30M	comp=Z,9.0nm,1.3s	77.69	353	P	P	P	13 57 16.2	+0.7
D19K D19K	comp=Z,9.0nm,1.3s	77.74	1	I	Amb	I	13 57 18.3	
D19K D19K	comp=Z,9.0nm,1.3s	77.74	1	P	P	P	13 57 16.4	+0.6
E21K E21K	comp=Z,9.0nm,1.3s	77.83	360	I	Amb	I	13 57 17.8	
E21K E21K	comp=Z,9.0nm,1.3s	77.83	360	P	P	P	13 57 16.8	+0.5
E25K E25K	comp=Z,9.0nm,1.3s	77.93	357	I	Amb	I	13 57 19.1	
E25K E25K	comp=Z,9.0nm,1.3s	77.93	357	P	P	P	13 57 17.8	+0.9
E20K E20K	comp=Z,9.0nm,1.3s	78.00	1	P	P	P	13 57 18.0	+0.7
F28M F28M	comp=Z,9.0nm,1.3s	78.06	354	P	I	Amb	13 57 18.1	+0.4
F28M F28M	comp=Z,9.0nm,1.3s	78.06	354	P	P	P	13 57 49.4	
E24K E24K	comp=Z,9.0nm,1.3s	78.10	358	P	P	P	13 57 18.3	+0.7
E22K E22K	comp=Z,9.0nm,1.3s	78.12	359	P	P	P	13 57 18.3	+0.4
E22K E22K	comp=Z,9.0nm,1.3s	78.12	359	P	P	P	13 57 18.6	+0.7
E23K E23K	comp=Z,9.0nm,1.3s	78.15	358	I	Amb	I	13 57 22.6	
E23K E23K	comp=Z,9.0nm,1.3s	78.15	358	P	P	P	13 57 18.9	+0.7
G31M G31M	comp=Z,9.0nm,1.3s	78.18	352	P	I	Amb	13 57 18.4	+0.2
G31M G31M	comp=Z,9.0nm,1.3s	78.18	352	P	P	P	13 57 22.3	
G31M G31M	comp=Z,9.0nm,1.3s	78.18	352	P	P	P	13 57 18.5	+0.2
F26K F26K	comp=Z,9.0nm,1.3s	78.28	356	P	P	P	13 57 19.8	+1.0
G30M G30M	comp=Z,9.0nm,1.3s	78.34	353	I	Amb	I	13 57 20.4	
G30M G30M	comp=Z,9.0nm,1.3s	78.34	353	P	P	P	13 57 19.9	+0.7
D17K D17K	comp=Z,9.0nm,1.3s	78.36	3	P	P	P	13 57 20.1	+0.9
F25K F25K	comp=Z,9.0nm,1.3s	78.46	357	P	P	P	13 57 21.2	+1.3
BMAR G29M	comp=Z,9.0nm,1.3s	78.57	356	P	P	P	13 57 21.4	+1.0
G29M G29M	comp=Z,9.0nm,1.3s	78.59	353	P	P	P	13 57 21.1	+0.5
YKA YKA	comp=Z,9.0nm,1.3s	78.62	342	P	P	P	13 57 20.9	+0.1
YKA YKA	comp=Z,9.0nm,1.3s	78.62	342	P	P	P	13 57 19.5	-1.2
F24K 								

2d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like I17K, N32M, WAT6, HARP, L22K, PETK, etc.

2020 MAY

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like mbmp3.7/11, M.L3.1/1, Error ellipse: s-maj=41.8km, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like n764, r1997795, mb4.7/140, MS4.6/3, 46C-31D, Crete, etc.

F14K	Arctic Creek	80.37	5	P	P	14 33 37.5 +0.8
H23K	Yukon River	80.38 358	Iamb	Iamb	14 33 42.5	
H23K	Yukon River	80.38 358	P	P	14 33 38.4 +1.7	
PRP	Porcupine Dome	80.51 356	P	P	14 33 38.7 +1.0	
I26K	Coal Creek Min	80.58 355	P	P	14 33 39.4 +1.6	
H21K	Melozitna River	80.61 359	Iamb	Iamb	14 33 40.6	
H21K	Melozitna River	80.61 359	P	P	14 33 39.3 +1.3	
G17K	Kiwalik Mouta	80.66	3	P	14 33 39.1 +0.9	
J30M	Hart River	80.67 352	P	P	14 33 39.8 +1.4	
G16K	Koyuk River	80.69	3	P	14 33 39.2 +0.8	
H19K	Roundabout Mou	80.74	1	P	14 33 40.1 +1.6	
H20K	Anotleneega Mo	80.78	0	P	14 33 40.2 +1.3	
J29N	Klondike Camp	80.99 353	P	P	14 33 41.2 +1.1	
G15K	Niukluk	81.00	4	P	14 33 40.7 +0.7	
POKR	Poker Plat Res	81.01 357	P	P	14 33 41.0 +0.9	
I23K	Minto, Yukon-K	81.05 358	P	P	14 33 41.6 +1.4	
H18K	Honhosa River	81.08	2	P	14 33 41.1 +0.6	
H18K	Honhosa River	81.08	2	P	14 33 41.6 +1.2	
I21K	Tanana	81.08 359	Iamb	Iamb	14 33 46.5	
I21K	Tanana	81.08 359	P	P	14 33 41.8 +1.4	
MLY	Manley	81.20 358	P	P	14 33 42.8 +1.7	
H17K	Granite Mouta	81.25	2	P	14 33 42.6 +1.2	
COLA	College	81.27 357	iP	P	14 33 40.7 -0.7	
COLA	College	81.27 357	pmax	pmax	14 33 40.7 -0.7	
ILAR	Eielson Array	81.33 357	P	P	14 33 42.7 +0.9	
ILAR	Eielson Array	81.33 357	P	P	14 33 42.4 +0.6	
ILAR	Eielson Array	81.33 357	P	P	14 33 42.4 +0.6	
ANM	Nome	81.34	5	Iamb	Iamb	14 33 46.9
ANM	Nome	81.34	5	P	P	14 33 43.2 +1.4
J25K	Salcha River,	81.41 356	P	P	14 33 43.4 +1.1	
H16K	Elim	81.45	3	P	14 33 43.5 +1.0	
I20K	Naaghedeneel	81.48	0	P	14 33 43.6 +1.0	
CCB	Clear Creek Bu	81.49 357	Iamb	Iamb	14 33 47.7	
GCSA	Galena City Sc	81.51	1	P	14 33 44.3 +1.6	
K29M	Barlow Dome	81.52 352	P	P	14 33 44.3 +1.4	
GAMB	Gambell	81.55	8	P	14 33 43.3 +0.4	
NEA2	Nenana	81.59 358	P	P	14 33 44.8 +1.5	
YSS	Yuzhno-Sakhali	81.61 38	eP	P	14 33 41.6 -2.0	
YSS	Yuzhno-Sakhali	81.61 38	pmax	pmax	14 33 41.6 -2.0	
H24	Harding Lake	81.69 357	P	P	14 33 44.6 +0.9	
KDKA	Beaver Creek A	81.76 355	Iamb	Iamb	14 33 50.1	
MMPY	Sheldon Lake,	81.88 349	Iamb	Iamb	14 33 59.7	
SCRK	Sand Creek	81.95 355	Iamb	Iamb	14 33 51.2	
SCRK	Sand Creek	81.95 355	P	P	14 33 46.9 +1.6	
J20K	Nowinta River	82.10 360	Iamb	Iamb	14 33 51.7	
J20K	Nowinta River	82.10 360	P	P	14 33 47.4 +1.6	
BPAW	Bear Paw Mtn.	82.14 358	Iamb	Iamb	14 33 50.4	
BPAW	Bear Paw Mtn.	82.14 358	P	P	14 33 46.8 +0.7	
K24K	Donnelly Dome	82.23 356	P	P	14 33 47.5 +0.9	
RIDG	Independent Ri	82.24 356	Iamb	Iamb	14 33 48.7	
RIDG	Independent Ri	82.24 356	P	P	14 33 48.0 +1.3	
H17K	Unalakleet	82.27	3	P	14 33 47.7 +0.9	
DOT	Dot Lake	82.28 355	Iamb	Iamb	14 33 49.1	
J19K	Poorman	82.28	1	Iamb	Iamb	14 33 52.8
J19K	Poorman	82.28	1	P	14 33 48.4 +1.6	
L29M	L29M	82.30 353	Iamb	Iamb	14 33 52.8	
L29M	L29M	82.30 353	P	P	14 33 48.6 +1.6	
CHUM	Lake Minchumin	82.39 359	P	P	14 33 48.5 +1.2	
MCK	McKinley	82.45 358	P	P	14 33 48.3 +0.6	
M30M	Minto, Yukon	82.66 352	P	P	14 33 50.5 +1.6	
BCAR	Beaver Creek A	82.69 354	P	P	14 33 50.0 +1.0	
KTH	Kantishna Hill	82.69 358	Iamb	Iamb	14 33 54.0	
L27K	Beaver Creek,	82.69 354	Iamb	Iamb	14 33 51.5	
L27K	Beaver Creek,	82.69 354	P	P	14 33 51.0 +1.9	
M31M	Drury Creek, Y	82.72 351	Iamb	Iamb	14 33 54.9	
M31M	Drury Creek, Y	82.72 351	P	P	14 33 50.1 +0.9	
R13D	Reindeer	82.78 357	Iamb	Iamb	14 33 50.2	
TRF	Thorofore Moun	82.78 358	Iamb	Iamb	14 33 51.0	
TRF	Thorofore Moun	82.78 358	P	P	14 33 50.2 +0.5	
J17K	VABM Dome	82.82	2	Iamb	Iamb	14 33 59.5
J17K	VABM Dome	82.82	2	P	P	14 33 50.3 +0.7
L26K	Log Cabin Wild	82.85 355	P	P	14 33 51.3 +1.5	
J16K	Anvik River	82.88	3	P	14 33 50.3 +0.4	
J16K	Anvik River	82.88	3	Iamb	Iamb	14 33 54.9
J16K	Anvik River	82.88	3	P	P	14 33 51.5 +1.6
K20K	Telida	82.93 360	Iamb	Iamb	14 33 52.2	
K20K	Telida	82.93 360	P	P	14 33 51.9 +1.6	
MENT	Mientasta	82.96 355	Iamb	Iamb	14 34 00.5	
M29M	Somme Cree	82.98 353	P	P	14 33 52.6 +2.0	
DHY	Denali Highway	83.04 357	P	P	14 33 52.2 +1.2	
PAX	Paxson	83.05 356	P	P	14 33 51.7 +0.7	
BVCY	Beaver Creek	83.25 354	P	P	14 33 54.0 +2.1	
J14K	Nanvaranak Lak	83.26	4	P	14 33 53.3 +1.4	
WAT1	Susitna Watana	83.34 357	P	P	14 33 53.0 +0.6	
PPLA	Purkeypile	83.37 359	P	P	14 33 53.8 +1.1	
PPLA	Purkeypile	83.37 359	P	P	14 33 53.9 +1.2	
M27K	Edge Creek, AK	83.39 354	Iamb	Iamb	14 33 58.9	

M27K	Edge Creek, AK	83.39 354	P	P	14 33 53.8 +1.0	
M26K	Nabesna, AK	83.44 355	P	P	14 33 54.0 +1.1	
K17K	Iditarod	83.52	2	Iamb	Iamb	14 33 58.2
K17K	Iditarod	83.52	2	P	P	14 33 54.4 +1.1
N32M	Quiet Lake	83.55 350	P	P	14 33 54.5 +1.0	
WAT6	Susitna Watana	83.55 357	P	P	14 33 55.2 +1.6	
HARP	HAARP	83.60 356	P	P	14 33 54.6 +0.9	
N31M	Braeburn, Yuko	83.60 351	P	P	14 33 54.6 +0.9	
L22K	Petersville	83.72 358	Iamb	Iamb	14 33 55.9	
L22K	Petersville	83.72 358	P	P	14 33 55.5 +1.1	
N30M	Aishihik Lake	83.78 352	P	P	14 33 53.9 -0.9	
K15K	Wolf Creek Mou	83.83	3	P	14 33 55.6 +0.8	
YUK3	Moose Creek	83.84 353	P	P	14 33 56.2 +1.0	
M24K	Tolson, Glenn	83.95 356	P	P	14 33 55.6 +0.1	
K13K	Kusilvak Mount	84.00	5	P	14 33 56.1 +0.4	
L18K	Granite Mouta	84.05	1	Iamb	Iamb	14 34 01.3
L18K	Granite Mouta	84.05	1	P	P	14 33 57.1 +1.1
YUK4	Talbot Arm	84.08 352	P	P	14 33 55.8 -0.6	
BRWY	Burwash Landin	84.09 353	P	P	14 33 57.5 +1.2	
L19K	White Mountain	84.11	0	Iamb	Iamb	14 34 01.5
L19K	White Mountain	84.11	0	P	P	14 33 57.8 +1.5
YUK8	Steele Glacier	84.25 353	P	P	14 33 58.4 +1.0	
WHY	Whitehorse	84.27 350	P	P	14 33 57.8 +0.5	
SKT	Skwentna	84.28 359	P	P	14 33 57.3 +0.1	
SCM	Sheep Creek Mo	84.28 357	P	P	14 33 58.8 +1.5	
O30N	Mendenhall	84.33 351	P	P	14 33 58.3 +0.8	
M23K	Glacier View	84.34 357	P	P	14 33 58.9 +1.4	
SML	Sawmill	84.35 357	P	P	14 33 58.1 +0.5	
M19K	Big River Lodg	84.39 360	P	P	14 33 58.4 +0.7	
M20K	Styx River	84.40 359	Iamb	Iamb	14 34 02.2	
M20K	Styx River	84.40 359	P	P	14 33 58.4 +0.5	
P33M	Teslin, Yukon	84.40 349	P	P	14 33 58.7 +0.8	
YUK6	Outpost Mouta	84.44 352	P	P	14 33 57.8 -0.5	
L15K	Ungalak Mouta	84.44	3	P	14 33 58.8 +0.9	
HYT	Haines Junctio	84.45 352	P	P	14 33 59.2 +1.0	
MCAR	McCarthy VSAT	84.45 354	P	P	14 33 59.4 +1.4	
M22K	Willow	84.47 358	P	P	14 33 59.2 +1.1	
L16K	Owhat River	84.49	2	P	14 33 59.1 +0.9	
KLU	Kluana	84.55 356	P	P	14 33 59.2 +0.6	
PMR	Palmer	84.60 357	P	P	14 33 59.6 +0.9	
L14K	Kuka Creek	84.71	4	P	14 34 00.1 +0.8	
CTG	Chitna Glacier	84.72 354	P	P	14 34 00.1 +0.5	
KNK	Knik Glacier	84.75 357	P	P	14 34 00.4 +0.8	
STLK	Strandline Lak	84.77 359	Iamb	Iamb	14 34 01.1	
M18K	Stony River	84.79	1	P	14 34 00.9 +1.2	
M17K	Holtina River	84.86	1	P	14 34 02.1 +2.0	
R33M	Jennings River	84.88 348	P	P	14 34 02.5 +2.1	
BMRM	Bremner River	84.98 355	P	P	14 34 02.1 +1.3	
P30M	Million Dollar	85.07 351	P	P	14 34 02.9 +1.6	
CRQE	Cirque	85.08 354	P	P	14 34 02.8 +1.4	
O29M	Mount Kennedy	85.08 352	P	P	14 34 01.7 +0.3	
RC01	Rabbit Creek A	85.12 358	P	P	14 34 02.4 +0.9	
P32M	Atlin	85.13 350	P	P	14 34 02.4 +0.8	
M16K	Timber Creek	85.20	2	P	14 34 03.4 +1.6	
M14K	Bethel	85.34	4	P	14 34 04.2 +1.7	
M11K	Mekoryuk	85.42	6	P	14 34 04.9 +2.0	
M15K	Kazak River	85.46	3	P	14 34 04.6 +1.5	
P1NM	Pinnacle	85.47 353	P	P	14 34 05.2 +1.9	
EYAK	Cordova Ski Ar	85.47 356	P	P	14 34 05.1 +2.0	
N19K	Bonanza Creek	85.48	0	P	14 34 05.4 +2.1	
SKAG	Skagway	85.49 350	P	P	14 34 05.6 +2.3	
Q32M	Nakina River	85.51 349	P	P	14 34 05.7 +2.0	
MESA	MESA	85.55 354	P	P	14 34 05.6 +1.8	
BDFB	Brasilis	85.57 248	P	P	14 34 06.1 +1.6	
M13K	Dall Lake	85.60	4	P	14 34 05.4 +1.7	
N18K	Kilae Creek	85.61	1	P	14 34 05.8 +1.9	
DLBC	Dease Lake	85.62 347	LR	LR	15 16 52.7	
DLBC	Dease Lake	85.62 347	P	P	14 34 05.6 +1.6	
PLBC	Pleasant Camp	85.64 351	P	P	14 34 05.7 +1.7	
N17K	Nushagak Hills	85.74	1	P	14 34 06.3 +1.7	
N16K	Nishlik Lake	85.75	2	P	14 34 06.4 +1.8	
MJAR	Matsushiro Arr	85.78 48	48	P	14 34 06.2 +0.7	
KAIM	Kayak Island	86.00 355	P	P	14 34 07.5 +1.7	
N15K	Kwethluk River	86.01	3	P	14 34 07.2 +1.3	
N14K	Kuskokwak Cree	86.18	4	P	14 34 08.3 +1.7	
O20K	Slo Mountain	86.20 359	P	P	14 34 08.5 +1.6	
S34M	Telegraph Cree	86.31 348	P	P	14 34 09.1 +1.7	
O18K	Koktuk Hills	86.44	0	P	14 34 09.4 +1.3	
O17K	Koliganek Bris	86.50	1	P	14 34 09.8 +1.5	
BRSE	Bradley Lake S	86.50 358	P	P	14 34 09.9 +1.6	
R32K	Eaglecrest	86.52 350	P	P	14 34 09.4 +1.0	
O16K	Kokwok River B	86.66	2	P	14 34 10.3 +1.3	
O14K	Tigykauivet M	86.87	3	P	14 34 10.7 +0.6	
S31K	Pelican	87.07 350	P	P	14 34 12.8 +1.7	

P17K	Kvichak River	87.09	1	P	P	14 34 12.0 +0.8
SPIA	Saint Paul Isl	88.15	9	P	P	14 34 17.1 +0.9
U33K	Whale Pass	88.37 348	P	P	14 34 17.6 +0.3	
CRAG	Craig	88.98 348	P	P	14 34 22.1 +1.9	
OHAK	Old Harbor	89.08 359	P	P	14 34 21.8 +1.2	
SII	Sitkinak Isian	89.75 360	P	P	14 34 25.1 +1.3	
S14K	Fog Glacier	89.92	3	P	P	14 34 26.4 +1.7
SDPT	Sand Point	90.81	3	P	P	14 34 29.2 +0.5
FALS	False Pass	91.12	5	P	P	14 34 30.9 +0.7
UNV	Unalaska Valle	91.85	7	P	P	14 34 34.4 +0.8
PDAR	Pinedale Array	93.21 329	P	P	14 34 40.8 +0.3	
WRA	Warramunga Arr	116.15 97	PKP	PKP	14 40 09.9 +0.6	
ASAR	Alice Springs	117.54 101	PKP	PKP	14 40 12.2 +0.3	
QSPA	South Pole Kuy	123.91 180	PKP	PKP	14 40 23.5 +0.6	

IDC 02 14:27:42.2 ± 1.0, 33°93'N-25°72'E, h0km, mb3.7/14,
 mbmp3.6/22, ML3.3/8, Error ellipse: s-maj=21.7km
 s-min=13.8km az=21.0
 ISC 02 14:27:45.8 ± 0.8, 33°90'N-0°10:25:77E-0°07:h26km,n23,
 i°132/27,mb3.5/13, Eastern Mediterranean Sea

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
IDI	Anoyia	1.56	333	Op	h m s	ISC
IDI	Anoyia	1.56	333	Op	14 28 10.7	-1.3
IDI	Mount Meron Ar	8.10				

Table with columns: Code, Station Name, Az, El, P, Sg, Pg, IAML, Time, Res. Includes stations like AOPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

IDC 02 14:32:39.4±1.7, 33°02'N±25.85'E, h0km, mb3.6/8, mbmp3.5/14, ML3.2/6, Error ellipse: s-maj=34.5km s-min=17.0km az=2.0

Table with columns: Code, Station Name, Az, El, P, Sg, Pg, IAML, Time, Res. Includes stations like ZKR Zakros, ZKR Siteia, NPS Neapolis, etc.

Table with columns: Code, Station Name, Az, El, P, Sg, Pg, IAML, Time, Res. Includes stations like YKA Yellowknife Ar, CATAQ 02, NEIC 02, OSPL 02, etc.

Table with columns: Code, Station Name, Az, El, P, Sg, Pg, IAML, Time, Res. Includes stations like UUPR Utuado, UUPR Ponce, OBIP Obispo Ponce, etc.

Table with columns: Station Name, Az, Az', Phase, ID, Time, Res, Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like CHIV, YAR, MMLZ, URB, URIC, TBG, MAGL, etc.

IDC 02 14:36:49.2±1.7, 34°38'N-25°81'E, h0km, mb3.6/9, mbmp3.6/17, ML3.3/8, MS4.3/2, Error ellipse: s-maj=33.6km s-min=13.6km az=22.0

IDC 02 14:36:49.3±1.2, 34°22'N-01°25.74E±0.09, h10km, n20, s=175/23, mb3.7/9, Crete

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like ANOY, IDI, MMAI, BRTR, EIL, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like ILAR, EIELSON, IDC 02 14:49:54.0±1.0, etc.

IDC 02 14:50:42.7±0.9, 34°10'N-25°69'E, h0km, mb3.8/16, mbmp3.7/27, ML3.2/9, Error ellipse: s-maj=18.9km s-min=13.1km az=14.0

ATH 02 14:50:52.3, 34°21'N-25°84'E, h16km, 7km, ML3.2/7, Latitude uncertainty: 2 km; Longitude uncertainty: 2 km

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like ZKR, KZR, NP, NPS, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like ASF, VAE, MLR, KEST, KVAR, etc.

SJA 02 14:55:01.4±0.7, 23°05'S-68°94'W, h110km, 3km, ML3.4, MW3.5

GUC 02 14:55:04.1±0.6, 23°05'S-68°98'W, h102km, 5km, ML3.6, n32, s=173/48, Northern Crete

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like AF01, PB06, PB05, etc.

2d 15h

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

AFAD 02 14:56:02.1, 33.83N:25:62E, h6km, mb3.4, IDC 02 14:56:05.4, 0.9, 33.99N:25:61E, h0km, mb3.2/0, mbmp3.7/34, ML3.5/12, Error ellipse: s-maj=17.4km

MOS 02 14:56:06.8, 3.4, 33.85N:25:44E, h10km, mb4.3/14, Error ellipse: s-maj=9.8km, s-min=5.2km, az=70.3, ATH 02 14:56:08.2, 34.16N:25:53E, h8km, 3km, ML3.4/7, Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

THE 02 14:56:13.4, 34.1N:5.2E, h29km, 11km, M3.2/8, MLh3.2/8

ISC 02 14:56:07.8, 2.0, 34.07N:0.05:25:56E, 0.04, h9km, 12km, n99, c269/110, mb4.0/28, 11C, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Zakros, Neapolis, Heraklion, Anoyia, etc.

SABU Mula-Dalameh 3.91 44 P Pn 14 57 06.7 -1.3

AKAS Kas 3.95 56 P Pn 14 57 05.8 -2.9

AKUM Antalya-Kuluks 4.51 59 P Pn 14 57 14.9 -1.4

KURT Korkuei 4.88 52 P Pn 14 57 22.2 +0.8

ISP Isparta 5.49 46ceP Pn Pmax 14 57 34.4 +4.5

KEPZ Antalya-Kepez 5.68 59 P Pn 14 57 32.4 0.0

SEDI Konya, Seydisse 6.06 54 P Pn 14 57 38.8 +1.2

MMAI Mount Meron Ar 8.28 95 Pn Pn 14 58 05.3 -2.9

BRTR Kesikar Array B 8.58 47 P Pn 14 58 13.3 +1.0

EIL Elat 9.11 116 Pn Pn 14 58 17.1 -2.4

VAE Valguarnera 9.67 294 Pn Pn 14 58 27.7 +0.5

ASF Jabal al Asfar 9.70 98 Pn Pn 14 58 25.4 -2.2

MLR Muntele Rosu 11.41 1 Pn Pn 14 58 51.1 +0.1

KEST Kesra 13.41 282 Pn Pn 14 59 15.9 +0.5

ABTA Shidzhatmaz 16.06 32eP Pn P 14 59 57.0 -0.4

SHAI Shidzhatmaz 16.61 49ceP P 15 00 03.2 +1.9

GNI Garni 16.45 63 Pn P 15 00 01.1 -0.6

LESA Schwarzleotol 16.50 32e Pn P 15 00 02.2 +0.1

KIV Kislovodsk 16.54 48 Pmax Pmax 15 00 04.9 +2.3

KVAR Kislovodsk Arr 16.54 48 Pn P 15 00 03.1 +0.4

KBZ Khabaz 16.56 49 P Pn 15 00 01.2 +1.1

KBZ Khabaz 16.56 49 P Pn 15 00 03.5 +0.8

AKASG Malin Array Be 16.83 8 Pn Pn 15 00 02.9 -0.7

AKBB Malin Array Si 16.83 8ceP P 15 00 11.1 +5.4

WTTA Wattenberg 16.85 32e Pn P 15 00 08.8 +2.7

2020 MAY

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WATA Walderalm, CKRC Cesky Krumlov, MOTA Moosalm, etc.

AKT Akhty 18.99 61 P Pn 15 00 34.8 +4.4

VSR Storozhevo 19.78 26 P Pmax 15 00 38.9 -0.8

VORR Voronezh 20.17 25 P Pmax 15 00 46.6 +2.3

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

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MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

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MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

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MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

MNK Minsk 20.49 4 P Pn 15 00 50.3 +2.4

120

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

IDC 02 15:03:45.4, 2.1, 1.16N:127.35E, h0km, mb3.3/4, mbmp3.4/4, Error ellipse: s-maj=200.1km

s-min=22.6km az=67.0, Halmahera

ATH 02 15:05:56.5, 1.1, 33.73N:25:80E, h10km, ML3.1/5, Latitude uncertainty: 6 km; Longitude uncertainty: 5 km

IDC 02 15:05:58.2, 2.5, 33.94N:25:39E, h0km, mb3.8/4, mbmp3.6/10, ML3.1/5, M3.9/1, Error ellipse: s-maj=44.8km s-min=19.7km az=40.0

THE 02 15:06:04.9, 34.1N:5.2E, h15km, 16km, M2.8/7, MLh2.8/8

ISC 02 15:06:02.6, 1.5, 34.04N:0.07:25:54E, 0.04, h31km, 11km, n28, c188/41, mb3.9/4, Crete

ZKR Zakros 1.21 27 P Pn 15 06 23.1 -0.4

ZKR Zakros 1.21 27 P Pn 15 06 38.1 -1.1

NPS Neapolis 1.22 3 P Pn 15 06 22.6 -1.1

NPS Neapolis 1.22 3 P Pn 15 06 37.1 -2.1

NPS Neapolis 1.22 3 P Pn 15 06 24.0 -1.3

SIT2 Siteia 1.26 22 P Pn 15 06 45.5 +2.8

SIT2 Siteia 1.26 22 P Pn 15 06 23.4 -0.6

IACM Heraklion 1.32 343 S Pn 15 06 39.9 -1.6

IDI Anoyia 1.36 337 Pn Pn 15 06 25.5 -2.0

IDI Anoyia 1.36 337 Pn Pn 15 06 25.5 -2.0

IDI Anoyia 1.36 337 Pn Pn 15 06 25.5 -2.0

GVD Gavdhos 1.44 304 P Pn 15 06 26.9 -2.0

GVD Gavdhos 1.44 304 P Pn 15 06 26.9 -2.0

GVD Gavdhos 1.44 304 P Pn 15 06 26.9 -2.0

VAM Vamos 1.75 322 P Pn 15 06 31.4 -2.8

VAM Vamos 1.75 322 P Pn 15 06 31.4 -2.8

IMMV Iera Moni Meta 1.91 318 P Pn 15 06 33.6 +0.5

IMMV Iera Moni Meta 1.91 318 P Pn 15 06 33.6 +0.5

KARP Karpathos 2.02 41 P Pn 15 06 36.3 -0.9

KARP Karpathos 2.02 41 P Pn 15 06 36.3 -0.9

THERA Ancient Thera, 2.33 359 P Pn 15 06 38.8 +0.1

MMAI Mount Meron Ar 8.30 94 Pn Pn 15 07 04.1 -2.2

MMAI Mount Meron Ar 8.30 94 Pn Pn 15 07 04.1 -2.2

BRTR Keskin Array B 8.62 46 Pn Pn 15 08 07.0 +1.6

EIL Elat 9.11 116 Pn Pn 15 08 12.7 +0.7

EIL Elat 9.11 116 Pn Pn 15 08 12.7 +0.7

ASF Jabal al Asfar 9.71 98 LR LR 15 13 28.1

KBZ Khabaz 16.60 49 Pn Pn 15 09 58.0 +2.8

AKASG Malin Array Be 16.87 8 Pn Pn 15 09 57.3 -0.8

GERES GRESS Array B 17.22 333 P Pn 15 10 01.7 -0.4

KURBB Kurchatov Arra 41.59 50 Pn Pn 15 13 49.0 +1.5

MKAR Makanochi Array 44.14 56 P Pn 15 14 10.0 +1.7

ZALV Zalesovo Beam 45.56 45 P Pn 15 14 20.4 +1.0

YKA Yellowknife Ar 78.61 342 P Pn 15 18 01.2 +0.2

YKA Yellowknife Ar 78.61 342 P Pn 15 18 01.2 +0.2

IDC 02 15:07:56.7, 0.9, 34.13N:25:70E, h0km, mb3.8/15, s-min=12.7km az=18.0

ISK 02 15:08:02.5, 34.37N:25:86E, h4km, ML3.3/7, ATH 02 15:08:03.0, 1.1, 34.34N:25:82E, h10km, ML3.0/6

Latitude uncertainty: 8 km; Longitude uncertainty: 3 km

AFAD 02 15:08:04.6, 34.47N:25:85E, h7km, 7km, ML3.0

THE 02 15:08:05.4, 34.1N:11.2E, h18km, 14km, M2.9/8, MLh2.9/8

ISC 02 15:08:00.6, 1.7, 34.11N:0.06:25:59E, 0.03, h28km, 12km, n86, c181/109, mb3.8/14, Crete

ZKR Zakros 1.09 23 Op Pn 15 08 19.6 -0.4

ZKR Zakros 1.09 23 Op Pn 15 08 32.3 -2.0

ZKR Zakros 1.09 23 Op Pn 15 08 20.6 +0.5

SIT2 Siteia 1.15 17 P Pn 15 08 22.1 +0.2

SIT2 Siteia 1.15 17 P Pn 15 08 35.9 +0.4

NPS Neapolis 1.15 357 S Pn 15 08 38.8 +0.1

NPS Neapolis 1.15 357 S Pn 15 08 31.0 -4.7

NPS Neapolis 1.15 357 S Pn 15 08 20.6 -0.3

IACM Heraklion 1.10 357 S Pn 15 08 36.3 -2.9

IDI Anoyia 1.35 331 Pn Pn 15 08 24.2 +0.6

IDI Anoyia 1.35 331 Pn Pn 15 08 24.2 +0.6

IDI Anoyia 1.35 331 Pn Pn 15 08 24.2 +0.6

IDI Anoyia 1.35 331 Pn Pn 15 08 24.2 +0.6

Table with columns: Station Name, Azimuth, Elevation, Magnitude, Distance, etc. Includes stations like Mula-Seydike, Denizli-Tavas, and various arrays.

Table with columns: Code, Station Name, Azimuth, Elevation, Magnitude, Distance, etc. Includes stations like Anoyia, Malin Array Be, and various arrays.

Table with columns: Code, Station Name, Azimuth, Elevation, Magnitude, Distance, etc. Includes stations like Cabo Rojo, Arcobio Observ, and various arrays.

IDC 02 15:18:24.63.0.3411N:25:85E, h0km, mb3.7/7, mbtmp3.6/10, ML3.7/3, Error ellipse: s-maj=62.2km

2d 16h

Table with columns: TXAR, NVAR, YKA, YKA. Includes station names like Lajitas Array, Min Array Bea, Yellowknife Ar, and Yellowknife Ar with associated coordinates and parameters.

MOS 02 15:47:35.2±1.9, 33.93N:25.36E, h10km, mb3.9/6, Error ellipse: s-maj=15.9km s-min=8.2km az=79.3
IDC 02 15:47:36.4±1.8, 34.11N:25.64E, h0km, mb3.8/6, mbtmp3.6/15, ML3.6/7, Error ellipse: s-maj=36.0km s-min=17.9km az=24.0

AFAD 02 15:47:46.0, 34.44N:25.77E, h34km, ML2.6
ISC 02 15:47:39.7±1.5, 34.05N:0.07±25.57E, h30km, 103km, n65, ±192/83, mb3.7/11, 5C, Crete

Main table for station data on the left side, including columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station identifiers like ZKR, NPS, IACM, etc.

2020 MAY

Table with columns: BVAR, AAK, MKAR, ZALV, YKA, ILAR. Includes station names like Borovoye Array, Ala-Archa, Makanchi Array, Zalesovo Beam, Yellowknife Ar, and Eielson Array with associated coordinates and parameters.

IDC 02 15:53:52.6±1.4, 24.05N:126.62E, h99km, 67km, mb3.0/2, mbtmp3.7/5, ML3.7/3, Error ellipse: s-maj=50.9km s-min=21.5km az=92.0, Ceram Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and station identifiers like SIJI, FITZ, WRA, ASAR, MKAR.

IDC 02 16:00:47.7±5.4, 34.84N:25.93E, h0km, mb3.5/2, mbtmp3.3/3, ML2.4/1, Error ellipse: s-maj=107.4km s-min=26.9km az=1.0, Crete

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and station identifiers like IDI, BRTR, FINES, MKAR.

IDC 02 16:01:40.4±2.5, 33.95N:25.50E, h0km, mb3.8/5, mbtmp3.6/10, ML3.9/3, Error ellipse: s-maj=49.1km s-min=20.3km az=40.0, Crete

ISC 02 16:01:42.5±1.5, 33.93N:0.1±25.6E, 0.1, h17km, n11, ±1876/14, mb3.8/5, Eastern Mediterranean Sea

Main table for station data on the right side, including columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station identifiers like IDI, MMAI, BRTR, EIL, AKASG, GERES, KURBB, MKAR, ZALV, USRK, YKA.

NORS 02 16:05:34.3, 42.79N:46.57E, h3km, MPVA4.1
MOS 02 16:05:34.5, 42.77N:46.58E, h6km, MPVA4.2
TIF 02 16:05:35.3, 42.78N:46.52E, h5km, 1km
IDC 02 16:05:36.0±1.1, 42.85N:46.32E, h0km, mb3.3/3, mbtmp3.3/7, ML2.8/4, Error ellipse: s-maj=15.8km s-min=12.4km az=30.0

DRS 02 16:05:35.8, 42.74N:46.56E, h9km
ISC 02 16:05:36.8±1.0, 42.80N:0.02±46.57E, 0.01, h4km, 8km, n104, ±194/122, mb3.3/3, 2D, Eastern Caucasus

Main table for station data on the right side, including columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station identifiers like UNCR, KRN, DLMR, DBC, KVAR, GROC, MAK, BORK.

Main table for station data on the right side, including columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, and various station identifiers like SHTL, KMG, CHRG, DDFL, VLRK, DRN, VSHL, AKT, GUDG, BTKR, DGRG, TRKR, LACR, LACR, ARDN, KORR, PRTR, STDR, STDR, LSNR, LSNR, DIGR, DIGR, TRIG, TRIG, ALIG, ALIG, ALIG, NCK, NCK, NCK, GARG, KBTC, AKH, AKH, AKH, PYA1, PYA1, PYA1, KBZ, KBZ, GNI, GNI, GNI, BEYR, BEYR, BEYR, SHAT, SHAT, SHAT, KIV0, KIV0, KVAR, KIV, KIV, KIV, ALER, ALER, ALER, GOF, GOF, GOF, DOMR, DOMR, GUBZ, GUBZ, OBN, OBN.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Rise, Set. Includes stations like BORK, BVAR, AAK, FINES, KURK, MKAR, YKA.

BJI 02 16:12:57.0, 33.82N;24.99E, h31km, mB5.0/2, mb4.7/41, Ms4.8/4, Ms7.4/6.4
MOS 02 16:12:58.5, 1.1, 34.12N;25.56E, h12km, mb4.9/36, Error ellipse: s-maj=5.8km s-min=3.7km az=70.0
IDC 02 16:12:58.0, 5.0, 34.09N;25.60E, h0km, mb4.6/35, mbmp4.5/49, ML4.2/12, MS4.1/2, Error ellipse: s-maj=11.2km s-min=10.0km az=178.0
NEIC 02 16:13:00.1, 2.1, 34.07N;25.57E, h10km, mb4.8/194, Error ellipse: s-maj=12.7km s-min=9.5km az=192.0
ISK 02 16:13:01.4, 34.23N;25.64E, h8km, ML4.2/16
GII 02 16:13:02.0, 0.0, 33.851N;0.002;25.883E;0.001, h0km, Mwsd.6/8, confirmed
ATH 02 16:13:02.3, 34.22N;25.56E, h7km, 3km, ML4.0/13, Latitude uncertainty: 2 km; Longitude uncertainty: 1 km
THE 02 16:13:03.9, 34.1N;10.2;6.6E, h3km, 1.9km, MG3.8/14, MLh3.8/14

AFAD 02 16:13:09.1, 34.50N;26.16E, h8km, 4km, MV4.5
NAO 02 16:13:09.6, 34.95N;24.51E, h10km, MB3.9
ISC 02 16:12:59.8, 0.3, 34.06N;0.003;25.60E;0.003, h12km, 5km, n868, r1564/866, mb4.8/184, 32C-23D, Crotec

Main table of station data with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Rise, Set. Lists numerous stations like ZKR, NPS, SI72, ANOYIA, etc.

Main table of station data with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Rise, Set. Lists numerous stations like ZIMIR, GOLH, DNIZ, etc.

Main table of station data with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Rise, Set. Lists numerous stations like BLKB, BOVS, HCY, etc.

Table with columns for station ID, name, coordinates, and values. Includes stations like TNCH, SCHO, CHIO, CMAR, YAK, HILR, HIA, ENH, ENH, BJ2, HEH, BNK, BILL, KLR, SEY, C36M, PSI, A21K, A22K, NJ2, B22K, A19K, C26K, B20K, D28M, C27K, C23K, C24K, D27M, B21K, D25K, INK, D24K, E28M, E28M, C19K, C19K, C21K, E29M, D23K, D23K, USRK, C18K, C18K, D20K, D20K, TOLK, C17K, F31M, F31M, E27K, C16K, F30M, D19K, D19K, E21K.

Table with columns for station ID, name, coordinates, and values. Includes stations like E21K, E25K, E25K, E20K, F28M, E24K, E22K, E22K, E23K, E23K, G31M, F26K, G30M, D17K, F25K, F25K, BMAR, G29M, YKA, YKA, F24K, F24K, KSAR, KSAR, KSRS, E18K, E18K, F22K, F22K, E19K, E19K, EPYK, EPYK, G27K, G27K, G26K, G26K, F17K, F17K, F21K, F21K, F20K, F20K, F20K, F20K, H31M, H29M, G25K, G25K, F19K, F19K, G24K, G24K, FYU, FYU, G23K, G23K, G23K, H27K, H27K, F18K, F18K, F17K, F17K, G21K, G21K, G21K, G21K, I30M, I30M, G19K, G19K, I29M, I29M, TNA, TNA, I27K, I27K, I27K, I28M, I28M, F15K, F15K, IMAR, H24K, H24K, G18K, G18K, H22K, H22K, H22K, F14K, F14K, H23K, H23K, PRP, PRP, I26K, I26K, I26K, H21K, H21K, H21K, G17K, G17K, J30M, J30M, G16K, G16K, G16K.

Table with columns for station ID, name, coordinates, and values. Includes stations like H19K, H19K, FFC, FFC, H20K, G15K, J29N, J29N, POKR, I23K, H18K, I21K, I21K, MLY, MLY, H17K, COLA, COLA, ILAR, ILAR, ANM, ANM, J25K, ULM, H16K, I20K, I20K, CCB, GCSA, K29M, GAMB, NEA2, HDA, K27K, MPPY, SCRK, SCRK, J20K, J20K, BPAW, BPAW, K24K, RIDG, RIDG, I17K, I17K, J19K, J19K, DOT, L29M, L29M, L29M, CHUM, MCK, MCK, M30M, BCAR, L27K, L27K, M31M, M31M, RND, TRF, J17K, J17K, J17K, L26K, L26K, J16K, J16K, K20K, K20K, MENT, M29M, DHY, PAX, BVCY, J14K, PPLA, M27K, M27K, M26K, M26K, K17K, K17K, N32M.

CHNB	Souda	1.88 317	P	Pg	16 45 01.5 -0.9	VAY	Valandovo	7.59 342	/Pn	Pn	16 46 18.8 +2.1	TIRR	Tirgusor	10.54 11	P	Pn	16 46 59.4 +2.1
KARP	Karpathos	1.90 41	Pn	Pb	16 45 59.7 +1.1	RZN	Rozhen	7.59 355	/P	Pn	16 46 19.9 +2.9	SULR	1µm75nm,1.8s				
KARP	Karpathos	1.90 41	P	Pb	16 45 01.1 +0.2	CTYL	Yalikoy Yolu	7.64 15	P	Pn	16 46 18.9 +1.5	TLBR	Topalu	10.55 2	↑P	Pn	16 46 58.7 +1.3
KARP	Karpathos	1.90 41	S	Sb	16 45 00.6 -0.4	SILT	Sile	7.71 23	↑P	Pn	16 46 20.9 +2.5	RUDO	Rudo	10.67 9	↑P	Pn	16 46 59.7 +2.0
KARP	Karpathos	1.90 41	P	Pb	16 45 24.1 -0.6	MDUB	Mudurnu	7.73 33	↑P	Pn	16 46 21.5 +2.7	RUDO	Rudo	10.66 335	ePn	Pn	16 46 56.1 -2.3
KARP	Karpathos	1.90 41	P	Pb	16 45 00.3 -0.3	DIM	Dimitrovgrad	7.91 360	/P	Pn	16 46 24.2 +3.0	DJES	Djerdap	10.80 348	↑P	Pn	16 46 58.1 +2.8
IMMV	lera Moni Meta	1.91 315	Pn	Pb	16 44 58.8 +0.1	KKB	Krupnik	7.96 346	/P	Pn	16 46 23.6 +1.7	BBLB	Lazići	10.87 335	ePn	Pn	16 46 59.4 +1.6
IMMV	lera Moni Meta	1.91 315	P	Pb	16 44 59.9 -1.2	OHR	Ohrhid	7.96 333	/Pn	Pn	16 46 25.5 +3.6	JURR	Jurilovca	10.93 12	↑P	Pn	16 46 59.7 -2.1
IMMV	lera Moni Meta	1.91 315	P	Pb	16 45 00.8 -0.3	OHR	Ohrhid	7.96 333	eSn	Sn	16 46 25.5 +3.6	TPGR	Toplog	10.92 10	↑P	Pn	16 47 04.7 +2.3
CH01	Chanina	1.93 317	P	Pb	16 45 02.0 +0.6	OFRI	Ofen	7.96 98	S	Sn	16 47 51.6 -0.4	ISR	Istrita	11.01 3	↑P	Pn	16 47 04.7 +2.1
THERA	Ancient Thera	2.25 357	P	Pb	16 45 04.7 +0.3	HNTI	Hanitha	8.03 95	P	Sn	16 47 46.3 -5.7	ISR	Istrita	11.01 3	P	Pn	16 47 05.8 +2.1
THERA	Ancient Thera	2.25 357	P	Pb	16 45 04.8 +1.4	HNTI	Hanitha	8.03 95	P	Sn	16 46 21.0 -1.8	ISR	Istrita	11.01 3	P	Pn	16 47 05.2 +1.5
SNT5	Nea Kammeni, S	2.25 355	P	Pb	16 45 05.8 -1.7	PLTI	Platini	8.04 355	/P	Sn	16 46 21.0 -1.8	HERR	Herculane	11.03 348	↑P	Pn	16 47 05.1 +1.2
SAP3	Santorini-1	2.32 354	P	Pb	16 45 06.1 +1.6	HNTI	Hanitha	8.04 355	/P	Sn	16 46 25.7 +2.7	CFFR	Carcaulu	11.21 9	↑P	Pn	16 47 08.6 +2.2
SAP3	Santorini-Thir	2.32 354	P	Pb	16 45 06.0 +1.6	KZIT	Kziot	8.06 111	P	Pn	16 46 23.8 -1.7	ARR	Arges	11.26 356	↑P	Pn	16 47 08.9 +1.7
ANKY	Antikythira Is	2.59 313	P	Pb	16 45 10.5 -2.2	KZIT	Kziot	8.06 111	S	Sn	16 46 21.0 -2.3	NEHR	Neohiu	11.30 3	↑P	Pn	16 47 08.3 +1.4
ANKY	Antikythira Is	2.59 313	P	Pb	16 45 10.5 -2.2	SLTI	Saliti	8.10 101	P	Sn	16 46 21.4 -2.5	VOIR	Voiron	11.31 358	↑P	Pn	16 47 09.6 +1.8
MHLO	Agia Marina, M	2.75 339	P	Pn	16 45 12.4 +2.1	BLTI	Bet Lehem HaGe	8.11 97	P	Sn	16 47 50.2 -5.3	VOIR	Voiron	11.31 358	↑P	Pn	16 47 08.4 +0.5
MHLO	Agia Marina, M	2.75 339	P	Pn	16 45 12.3 +1.9	BLTI	Bet Lehem HaGe	8.11 97	P	Sn	16 46 21.5 -2.4	TLCR	1µm58nm,1.4s	11.32 12	↑P	Pn	16 47 10.5 +2.7
ARG	Arkhangelos	2.92 44	Pn	Pb	16 45 13.7 +1.0	BLGI	Bile	8.22 95	S	Sn	16 46 20.3 -1.7	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
ARG	Arkhangelos	2.92 44	P	Pb	16 45 15.4 +2.7	AMAZ	Amatzia	8.22 106	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
ARG	Arkhangelos	2.92 44	P	Pb	16 45 16.2 -2.2	AMAZ	Amatzia	8.22 106	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
ARG	Arkhangelos	2.92 44	P	Pb	16 45 15.4 +2.7	AMAZ	Amatzia	8.22 106	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
ARG	Arkhangelos	2.92 44	P	Pb	16 45 15.7 -2.7	MMA0B	Mount Meron ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
YAZI	Mula-Daiša-	2.96 30	P	Pn	16 45 14.1 +1.0	MMA0B	Mount Meron ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
DAT	Data	3.05 31	Pn	Pb	16 45 14.9 +0.4	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
DAT	Data	3.05 31	P	Pb	16 45 15.8 +1.2	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
DATC	Data-Mugla	3.11 10	Pn	Pb	16 45 16.0 +1.0	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
BODT	Bodrum	3.24 24	Pn	Pb	16 45 18.3 +1.3	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
BODA	Bodrum-Mula	3.25 24	Pn	Pb	16 45 18.3 +1.3	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
YKAV	Yalikavak-Bodr	3.28 24	Pn	Pb	16 45 18.3 +1.3	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
BDRM	Kayabasi	3.28 26	Pn	Pb	16 45 18.3 +1.3	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
VLI	Veliali	3.40 320	P	Pn	16 45 19.1 +1.4	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
VLI	Veliali	3.40 320	P	Pn	16 45 19.1 +1.4	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
TNSA	Tinos	3.43 354	P	Pn	16 45 20.5 +1.2	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
DDIM	Aydin, Didim	3.58 21	P	Pn	16 45 21.4 +1.7	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
MLSB	Milas	3.62 28	Pn	Pb	16 45 22.1 +0.5	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
DALY	Dalyan (Mula)	3.65 42	Pn	Pb	16 45 23.6 +1.4	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
YENK	Yeniköy	3.71 52	Pn	Pb	16 45 24.1 +1.5	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
SMG	Samos	3.71 15	P	Pn	16 45 24.7 +1.2	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
SMG	Samos	3.71 15	P	Pn	16 45 24.7 +1.2	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
IZZE	Mula-Seydike	3.74 51	P	Pn	16 45 24.7 +1.2	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
IZZE	Mula-Seydike	3.74 51	P	Pn	16 45 24.7 +1.2	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
GZelcam?	GZelcam?	3.80 19	Pn	Pb	16 45 25.1 +1.3	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
GCAM	Kastellorizo	3.82 57	Pn	Pb	16 45 26.3 +1.2	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
KSLL	Kastellorizo	3.82 57	Pn	Pb	16 45 26.3 +1.2	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
MULA	Mugla, Merkez-	3.82 34	P	Pn	16 45 27.2 +2.7	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
SABU	Mula-Dalaman	3.83 44	P	Pn	16 45 27.2 +2.7	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
SABU	Mula-Dalaman	3.83 44	P	Pn	16 45 27.2 +2.7	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
AKAS	Kas	3.87 56	Pn	Pb	16 46 07.7 -2.5	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
AKAS	Kas	3.87 56	Pn	Pb	16 46 07.7 -2.5	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
AKAS	Kas	3.87 56	Pn	Pb	16 46 07.7 -2.5	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
AKAS	Kas	3.87 56	Pn	Pb	16 46 07.7 -2.5	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
AKAS	Kas	3.87 56	Pn	Pb	16 46 07.7 -2.5	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
META6	Megalochori, Me	3.93 333	P	Pn	16 45 27.2 +2.7	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
META4	Agioi Theodoros	3.94 333	P	Pn	16 45 28.8 +2.3	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
META5	Makryloggos, Me	3.95 333	P	Pn	16 45 28.8 +2.3	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
AYDN	Tasoliku	4.11 39	Pn	Pb	16 45 28.6 +1.9	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
VLY	Voula, Athens	4.01 339	P	Pn	16 45 28.9 +2.1	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
KARY	Karystos	4.02 346	P	Pn	16 45 29.9 +2.3	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
GMLD	Gumuldur	4.08 14	Pn	Pb	16 45 29.4 +1.6	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
DEMIR	Demire-Antalya	4.08 58	Pn	Pb	16 45 29.4 +1.6	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
CAMEL	Camel-Denizli	4.11 52	Pn	Pb	16 45 29.9 +2.3	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
ATHU	Athens Univer	4.15 339	P	Pn	16 45 30.7 +1.6	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
ATH	Athens Observa	4.15 339	P	Pn	16 45 30.7 +1.6	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
PTL	Penteli	4.17 340	P	Pn	16 45 30.7 +1.6	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
DION	Dionisos Attik	4.17 340	P	Pn	16 45 30.7 +1.6	MMAI	Mount Meron Ar	8.23 95	P	Sn	16 46 23.8 -2.2	MLR	Muntele Rosu	11.36 1	↑P	Pn	16 47 08.9 +0.4
DNZT	Denizli-Tavas-	4.19 40	P	Pn	16 45 31.7 +1.8												

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like EGRO, RAF, MTE, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like MORF, MORF, MORF, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like EAB, EAB, BIDO, etc.

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Table with columns for station call signs (e.g., KKR, KARATAY ARRAY), frequencies, and other technical details.

Table with columns for station call signs (e.g., ZSN, ZSUN, ZSUN), frequencies, and other technical details.

Table with columns for station call signs (e.g., LBTB, LKAGR, LKAGR), frequencies, and other technical details.

Table with columns for station ID, name, coordinates, and performance metrics. Includes stations like YAK, XAN, HILR, HIA, XLT, GYA, ENH, ENH, LYN, LMQ, BJT, BJ2, ZEA, ZEA, HNS, HNS, HNS, HNS, LDAO, BSI, RCBR, RCBR, NBP, HEH, HEH, HEH, MLI, BLKN, TIA, NBMO, TRQ, WHN, CNSH, TPTI, VLDQ, KCSI, LONY, CN2, CN2, CN2, DL2, DL2, DL2, DL2, DL2, CNX.

Table with columns for station ID, name, coordinates, and performance metrics. Includes stations like BNX, BNX, BNX, BNX, BNPS, TSI, BILL, BILL, KLR, KLR, GSI, GSI, SEY, SEY, C36M, PSI, PSI, A21K, QIZ, QIZ, QIZ, QIZ, A22K, NJ2, NJ2, NJ2, DELO, MDJ, MDJ, KSPA, B22K, B22K, GRNR, GRNR, A19K, C26K, SADO, SADO, B20K, B20K, D28M, MA2, MA2, MA2, MA2, C27K, C27K, MNSI, C23K, C24K, D27M, D27M, B21K, D25K, D25K, INK, INK, INK, M57A, D24K, D24K, E28M, E28M, C19K, C21K, E29M, D23K, D23K, USRK, C18K, C18K, MDP, D20K, D20K, TOLK, C17K, F31M, E27K, E27K, C16K, C16K, SSPA, SSPA.

Table with columns for station ID, name, coordinates, and performance metrics. Includes stations like F30M, D19K, D19K, PPI, INCN, BKNI, E21K, E21K, E25K, E25K, E20K, E20K, RDOG, PDSI, F28M, F28M, E24K, E24K, E24K, E22K, E22K, E23K, E23K, E23K, G31M, F26K, F26K, PAOC, G30M, G30M, G30M, D17K, F25K, F25K, F25K, BMAR, G29M, G29M, YKA, YKA, YKA, F24K, F24K, K SAR, K SAR, K SAR, KSRS, E18K, E18K, E18K, F22K, E19K, E19K, TJN, TJN, TJN, TJN, TYV, TYV, TYV, EPYK, EPYK, EPYK, G27K, G27K, G26K, G26K, E17K, F21K, F21K, CMCO, F20K, F20K, H31M, H29M, H29M, M52A, G25K, MYKOM, MYKOM, G22K, F19K, F19K, TBO, Q56A, G24K, G24K, FYU, MCWV, BTDF, G23K, G23K, H27K, H27K, F18K, F17K, F17K, F17K, G21K, G21K, I30M, I30M, I30M, G19K.

2d 16h

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like G19K Purcell Mounta, I29M Ogilvie Camp, I29M Ogilvie Camp, etc.

2020 MAY

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like BWN Browne, J20K Nowinta River, J20K Nowinta River, etc.

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Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like YUK8 Steele Glacier, SKT Skwentna, SCM Sheep Creek Mo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSQGX, IAML, PB16, AC01.

NEIC 02 18:01:29.7±2.1, 33.94N±0.07±25.38E±0.05, h10km±1km, mb4.0/18, Error ellipse: s-maj=11.9km s-min=6.7km az=100.0

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations like ZKR, NPS, SI2, IACM, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations like MANT, GORD, ISF, BSLB, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations like SPITS, ZAAO, ZALV, etc.

GII 02 18:03:11.2±0.0, 34.705N±0.002±25.765E±0.001, h0km, Mw4.0, confirmed

ISC 02 18:03:17.5±1.3, 34.17N±0.04±25.81E±0.03, h27km±9km, n158.±2827/196, mb4.0/28, Crete

Continuation of station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like ZKR, NPS, SI2, etc.

2d 18h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like MANT Manisa, KULA Kula-Manisa, ISS Isparta, etc.

2020 MAY

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like MKAR Makanchi Array, MKAR Kabul, MKAR Manisa, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like EVN Everest, KBL Kabul, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ABTA Abfaltersbach, BIOA Bad Ischl, LESA Schwarzeleal, etc.

IDC 02 18:15:07.0-0.6,23.94S:69.56E, h0km, mb4.1/21, mbmp4.1/21, Error ellipse: s-maj=18.8km s-min=16.3km

NEIC 02 18:15:08.9-1.2,23.98S:07.69E, h10km, mb4.7/71, Error ellipse: s-maj=18.5km s-min=12.3km

ISC 02 18:15:08.4-0.5,23.98S:01.69E, h10km, n147, r111/141, mb4.6/62, 8C-12D, Mid-Indian Ridge

Main station list for the left column, including Diego Garcia, Nahampoana Res, Vohitsoka, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like VVDA comp=2.6,1nm,1.3s, GNI Garni, etc.

Main station list for the middle column, including Kurban, BORK Borovoye, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ULM Lac du Bonnet, PDAR Pinedale Array, etc.

IDC 02 18:38:16.9-2.3,7.07S:129.32E, h0km, mb3.1/1, mbmp3.3/3, ML3.4/2, Error ellipse: s-maj=115.0km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, WRA 0.2nm,0.3s, etc.

MAN 02 18:48:00.0,20:62N:123:09E, h3km, MS2.7, TAP 02 18:48:08.0,21:40N:121:85E, h150km, ML3.7, D

ISC 02 18:48:06.5-1.6,21.34N:004:121.85E, h159km, 8km, n114, r193/207, Taiwan Ridge

Main station list for the right column, including LYUB Lan-yu, LYUB Lan-yu, TSEB Hengchuen, etc.

2d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like WSL, OWD, SMLT, etc.

IDC 02 19:24:29.01.7.5.10S.152.24E, h0km, mb3.6/6, mbmp3.6/7, ML1.8/1, Error ellipse: s-maj=79.5km s-min=20.8km az=126.0

ISC 02 19:24:35.8.1.6.5.2S.0.4.152.2E.0.4, h50km, n8, r159/9, mb3.4/6, New Britain region

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

IDC 02 19:29:55.1.1.3.13.14N.91.39W, h0km, mb3.8/4, mbmp3.8/8, ML3.6/4, MS3.7/3, Error ellipse: s-maj=30.4km s-min=16.2km az=33.0

CATAC 02 19:29:56.4.0.4.13.N.5.9.2W, h1km, M4.2/28, ML4.2/28, Error ellipse: s-maj=5.9km s-min=3.2km az=29.2, confirmed

GCG 02 19:29:59.7.2.3.13.32N.91.40W, h45km, 33km, MD4.2, ML4.4, MW3.7, Presumed earthquake

NETIC 02 19:30:03.8.2.0.13.37N.91.07.91.30W, h0.08, h44km, 6km, mb4.1/20, Error ellipse: s-maj=13.3km s-min=7.6km az=60.0

ISC 02 19:29:58.6.1.7.13.40N.0.06.91.38W, h0.04, h12km, 10km, n135, r146/151, mb4.1/11, MS3.7/3, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like ESSJ, STG5, STG2, etc.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like FAME, GCG, OSOP, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like U54A, WCI, ACSS, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NAZLI Nazilli-Aydin, GOLH Golhisar, ZMIRI zmir-iriz, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KURBB Kurchatov Arra, KURK Kurchatov, MKAR Makanchi Arra, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BSUT comp=N,27nm,0.9s, BVU comp=E,25nm,2.4s, etc.

Additional station information and coordinates: SJA 02:20:30.477.0.8, 27'60S-67'39W, h160km, mb3.5, ML3.5, MW3.5, Catamarca Province. Includes coordinates and station codes like TINO Tinogasta, AANI Anillaco, etc.

2d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, Res. Includes stations like ESDC Sonseca Array, FINES FINESSE Array B, NOA NORSAR Array B, etc.

GC 02 20:32:35.5-0.0, 34.05N-0.01-25.973E:0.005, h0km, Mvs4.3, confirmed
ISK 02 20:32:35.2, 34.14N-25.89E, h5km, ML3.8/10
IDC 02 20:32:35.5-0.9, 34.29N-25.93E, h0km, mb4.1/18

ATH 02 20:32:41.0, 34.35N-25.95E, h6km, 3km, ML3.2/4, Latitude uncertainty: 3 km, Longitude uncertainty: 2 km

AFAD 02 20:32:50.6, 35.11N-26.15E, h8km, 5km, MW3.9

ISC 02 20:32:37.1, 6.3408N, 0.005, 25.99E, 0.04, h23km, 11km, n207, s1971/251, mb4.2/32, MS4.0/3, Crete

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, Res. Lists numerous stations like ZKR Zakros, ANO Anoyia, etc.

2020 MAY

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, Res. Lists numerous stations like OFRI Ofer, AMAZ Amatzia, SALP Salift, etc.

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Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, Res. Lists numerous stations like RAYN, NACGM Naroch, TAM Tamannasret, etc.

NEIC 02 20:33:39.4, 1.3, 52.2N, 0.2-173.1W: 0.1, h150km, 6km, mb3.7/19, ML4.4/14, ML2.9(AEIC). Error ellipse: s-maj=25.9km s-min=7.6km az=168.0
AEIC 02 20:33:39.6, 1.3, 52.6N, 0.2-173.3W: 0.2, h146km, 6km, Error ellipse: s-maj=32.5km s-min=9.9km az=161.0

ISC 02 20:33:38.9, 1.6, 52.2N, 0.2-173.03W: 0.09, h152km, 9km, n64, c08072, Andreanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, Res. Lists stations like KOSE Korovin Southe, KOFF Korovin Flat, etc.

2d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Hitachi, Hitachinakayam, Fukushimafurud, Yasato, Shioaba, Kawatachi, etc.

ISC 02 21:03:18.1±5.3, 33.3°94N±25.13E, h0km, mb3.6/5, mbmp3.5/7, ML3.2/2, MS3.3/1, Error ellipse: s-maj=93.6km s-min=49.9km az=39.0

ISC 02 21:03:23.4, 34.08N±25.75E, h12km, ML2.7/19 AFAD 02 21:03:36.7, 34.64N±26.48E, h9km±3km, ML2.8

ISC 02 21:03:24.5±1.4, 34.22N±0.1±25.75E±0.06, h17km, n41, z=79/47, mb3.6/5, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Zakros, Anoyia, Gavdhos, Karpathos, etc.

SJA 02 21:29:57.4±0.5, 20.84S±68.89W, h119km±5km, ML3.8, MW3.9

ISC 02 21:29:58.6±2.6, 20.84S±68.73W, h96km±22km, mb3.4/4, mbmp3.7/7, Error ellipse: s-maj=35.4km s-min=21.5km az=91.0

2020 MAY

Table with columns: PBO8, IPOC Station P, Time, Res, ISC. Includes stations like IPOC Station P, Diego Aracena, Diego Aracena, etc.

ISC 02 21:36:41.2±4.2, 34.08N±25.68E, h15km±19km, mb3.6/6, mbmp3.5/13, ML2.9/6, Error ellipse: s-maj=49.9km s-min=20.7km az=30.0

ISC 02 21:36:42.5, 34.15N±25.69E, h15km, ML2.7/17 AFAD 02 21:36:48.8, 34.69N±25.85E, h6km±8km, ML2.8

ISC 02 21:36:41.9±1.1, 34.07N±0.07±25.74E±0.06, h17km, n45, z=50/45, mb3.7/6, Crete

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

ISC 02 21:50:15.1±0.6, 11.1N±3.87W±, h10km±4km, M3.7/24, ML3.7/24, 6C-1D, Error ellipse: s-maj=7.0km s-min=3.7km az=41.9, confirmed, Near coast of Nicaragua

Table with columns: KNIK, CAEL, Denizli, Camel, etc. Includes stations like Mula-Seydike, Denizli, Camel, etc.

CATAC 02 21:41:07.5±0.5, 11.12N±3.87W±, h9km±3km, M3.9/25, ML3.9/25, Error ellipse: s-maj=5.9km s-min=4.1km, confirmed

UCR 02 21:41:09.0±0.6, 11.09N±86.82W, h21km±14km, MW4.4, Presumed earthquake

ISC 02 21:41:08.5±2.0, 11.07N±0.06±86.93W±0.07, h15km±11km, n35, ±0.62/46, 5C-2D, Near coast of Nicaragua

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

CATAC 02 21:50:15.1±0.6, 11.1N±3.87W±, h10km±4km, M3.7/24, ML3.7/24, 6C-1D, Error ellipse: s-maj=7.0km s-min=3.7km az=41.9, confirmed, Near coast of Nicaragua

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

ISC 02 21:50:15.1±0.6, 11.1N±3.87W±, h10km±4km, M3.7/24, ML3.7/24, 6C-1D, Error ellipse: s-maj=7.0km s-min=3.7km az=41.9, confirmed, Near coast of Nicaragua

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Hacienda Flor, El Cardon, Cerro Negro, San Idelfonso, etc.

ICD 02 21:56:51.3-4.4, 18.02S-166.80E, h0km, mb3.8/4, m2mp3.8/5, ML3.3/1, MS3.2/2, Error ellipse: s-maj=85.6km s-min=32.3km az=78.0, Vanuatu Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Mont Dzumac, Port Moresby, Warramunga Arr, etc.

ICD 02 21:58:11.1-3.7, 32.63N-71.71E, h0km, mb3.4/5, m2mp3.4/7, ML3.0/2, Error ellipse: s-maj=75.1km s-min=32.1km az=137.0

ICD 02 21:58:15.4-2.6, 32.72N-0.2-71.6E-0.3, h24km, n7, r=146/8, mb3.4/4, Pakistan

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like AArch, Kurbb, Borovoye Array, Zalesovo Beam, etc.

NEIC 02 22:01:37.9-0.9, 17.94N-0.01-66.64W-0.01, h9km, 2km, ML3.1/32, MD3.3/21 (RSPR), Error ellipse: s-maj=2.1km s-min=1.0km az=149.0

RSPR 02 22:01:37.9, 17.94N-66.65W, h7km, MD3.3/21 OSPL 02 22:01:38.7, 1.4, 17.92N-66.63W, h1km, 999km, ML3.7, Presumed earthquake

SDD 02 22:01:38.4-1.5, 17.92N-66.63W, h12km, 13km, MD2.9, ML2.8, MW2.9, Presumed earthquake Hypocentre not reviewed by the ISC

ISC 02 22:01:37.7-1.0, 17.93N-0.04-66.64W-0.02, h12km, 6km, n40, r=540/61, 8C-15D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Obispo Ponce, Cerrillos, Guanica, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like InterUniversit, Esperanza - Ma, Puerto Rico Se, etc.

ICD 02 21:49.0+0.3, 22.01 55.4+1.0, 22.01 47.9+0.3, 22.01 49.0+0.5, 22.01 57.0-0.2, 22.01 57.0-0.2, 22.01 48.1-0.5, 22.01 56.5+0.5, 22.02 00.1

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Patillas Dam, Aguadilla, Col San Antoni, etc.

NEIC 02 22:02:08.0-2.1, 17.06N-0.06-95.23W-0.04, h114km, 8km, mb4.1/31, MD4.4/159(MEX), Error ellipse: s-maj=8.8km s-min=5.9km az=177.0

MEX 02 22:02:08.0-0.6, 17.02N-95.28W, h111km, 6km, MD4.4, Presumed earthquake

ICD 02 22:02:08.0-0.7, 17.30N-94.92W, h102km, 8km, mb3.4/5, m2mp3.7/7, Error ellipse: s-maj=22.4km s-min=12.5km az=23.0

ISC 02 22:02:08.0-0.7, 17.02N-0.03-95.26W-0.03, h116km, 6km, n179, r=197/294, mb4.0/10, Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Matias Romero, Oaxaca, Huatulco, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like El Naranjo, Pavencul, Union Juarez, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Xalitintla, Cruz Grande, Popocatepetl, etc.

2d 22h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CJM Chama, JUD3 Juan Diaz, 833A Chaparral WMA, etc.

IDC 02 22:03:56.1+1.2, 34.12N-25.67E, h0km, mb3,7/12, mtmp3,6/19, ML3, 1/7, Error ellipse: s-maj=22.3km s-min=15.6km az=6.0

ATH 02 22:03:59.6+0.6, 34.07N-25.67E, h10km, ML3.0/7, Latitude uncertainty: 5 km; Longitude uncertainty: 2 km

THE 02 22:04:05.2+34.12N-25.67E, h38km, 14km, M2,6/5, MLh2,6/5

AFAD 02 22:04:09.2+34.26N-26.69E, h7km, 7km, ML2.7

ISC 02 22:04:02.3+1.7, 34.17N-10.25-74E, h42km, 14km, n65, c183/85, mb3,7/11, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZKR Zakros, SI72 Siteia, NPS Neapolis, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DION Dionisos Attik, TAVA DENIZLI Tavass, ENLL Aydin-Nazilli, etc.

NEIC 02 22:16:57.5+0.7, 17.92N-0.02-66.70W, 0.01, h12km, 3km, ML3.0/35, Md3.3/18(RSPR), Error ellipse: s-maj=3.2km

SDD 02 22:16:57.3+1.0, 17.89N-66.66W, h20km, 8km, MD3.1, ML2.7, MW3.1, Presumed earthquake Hypocentre not reviewed by the ISC

RSPR 02 22:16:58.0, 17.94N-66.72W, h7km, MD3.3/18

OSPL 02 22:16:58.2+0.9, 17.87N-66.71W, h2km, 999km, ML4.0, Presumed earthquake

ISC 02 22:16:57.8+1.1, 17.93N-0.04-66.71W, 0.02, h14km, 6km, n43, c050/61, 8C-8D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OBIP Obispo Ponce, OBIP Obispo Ponce, OBIP Obispo Ponce, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRPR Cabo Rojo, AOPR Arecibo Observ, AOPR Arecibo Observ, etc.

RSPR 02 22:24:17.8, 17.97N-66.70W, h9km, MD2.7/9, 5C-8D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OBIP Obispo Ponce, CELP Cerrillos, UUPR Utuado, UPR, P, etc.

RSPR 02 22:24:49.3, 19.31N-67.39W, h52km, 7km, MD3.5/18

NEIC 02 22:24:50.6+1.3, 19.09N-0.06-67.24W, 0.04, h22km, 13km, ML3.1/35, Md3.6/18(RSPR), Error ellipse: s-maj=9.4km s-min=5.1km az=183.0

SDD 02 22:24:50.4+1.9, 19.20N-67.16W, h31km, 67km, MD3.3, ML2.9, MW3.2, Presumed earthquake Hypocentre not reviewed by the ISC

ISC 02 22:24:48.0+1.8, 19.19N-0.07-67.20W, 0.04, h4km, 12km, n44, c083/56, 21C-9D, Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AGPR Aguadilla, PR, AGPR Aguadilla, PR, AGPR Aguadilla, PR, etc.

2d 23h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, YKA Yellowknife Arr, ILAR Eielson Array.

ISC 02 22:43:58.4, 33.91N, 25.95E, h9km, ML2.6/5
IDC 02 22:43:59.2, 1.3, 34.11N, 25.81E, h0km, mb3.5/6,
mbmp3.4/9, ML3.0/3, Error ellipse: s-maj=32.1km
s-min=22.0km az=166.0

AFAD 02 22:44:14.0, 34.26N, 27.04E, h40km, ML2.5
ISC 02 22:44:03.1, 0.9, 34.12N, 0.07, 26.05E, 0.05, h26km, n26,
c=272/33, mb3.6/5, Crete

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ZKR Zakros, IDI Anoyia, KARP Karpathos, GVD Gavdhos, IMMV Iera Moni Meta, IZZE Mula-Seydike, AKAS Kas.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like AKAS Mula-Dalaman, SABU Denizli-Tavas, DNZT Denizli, CAEL Denizli, CAEL Denizli, CAEL Denizli.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like TAVA DENIZLI Tavas, ESEN Aydn-Nazilli, AKUM Antalya-Kumlucluk, AKUM Antalya-Kumlucluk.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like GOLH Golhisar, GOLH Golhisar, GOLH Golhisar, DNIZ Denizli-Tavas, DNIZ Denizli.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like KORT Korkueli, KORT Korkueli, BUCA Burdur, BUCA Burdur, MMAI Mount Meron Arr, MMAI Mount Meron Arr.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like BRTR Keskin Array B, EIL Elat, ESDC Sonseca Array, FINES FINES Array B, TORD Torodi Ar. Bea.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like KURBB Kurchatov Arr, ZALV Zalesovo Beam, YKA Yellowknife Arr, YKA Yellowknife Arr.

ISC 02 23:04:34.6, 34.09N, 25.69E, h5km, ML2.6/5
IDC 02 23:04:35.1, 2.6, 34.20N, 25.77E, h0km, mb3.9/3,
mbmp3.6/7, ML3.3/4, Error ellipse: s-maj=44.2km
s-min=22.7km az=33.0

AFAD 02 23:04:45.1, 34.85N, 26.25E, h6km, 5km, ML2.4
ISC 02 23:04:37.5, 1.4, 34.11N, 0.08, 25.79E, 0.08, h26km, n27,
c=251/33, mb3.8/3, Crete

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ZKR Zakros, IDI Anoyia, GVD Gavdhos, KARP Karpathos, IMMV Iera Moni Meta, IZZE Mula-Seydike, IZZE Mula-Seydike.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like SABU Mula-Dalaman, SABU Mula-Dalaman, SABU Mula-Dalaman, DNZT Denizli-Tavas, DNZT Denizli, KNIK Mula-Seydike, TAVA DENIZLI Tavas, TAVA DENIZLI Tavas, TAVA DENIZLI Tavas.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ESEN Aydn-Nazilli, ESEN Aydn-Nazilli, GOLH Golhisar, GOLH Golhisar, GOLH Golhisar, IZMR zmir-demi, IZMR zmir-demi, DNIZ Denizli-Tavas, DNIZ Denizli.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like KIRA zmir-Kiraz, SULTU Sultu, SULTU Sultu, SULTU Sultu, INCE Denizli-Bozkur, INCE Denizli-Bozkur.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ZKR Zakros, IDI Anoyia, GVD Gavdhos, KARP Karpathos, IMMV Iera Moni Meta, IZZE Mula-Seydike, IZZE Mula-Seydike.

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Table with columns: BRDR BURDUR-Merkez, PASA Karahalli, MMAI Mount Meron Arr, MMAI Mount Meron Arr.

Table with columns: BRTR Keskin Array B, EIL Elat, EIL Elat, AKASA Main Array B, FINES FINES Array B, KURBB Kurchatov Arr, MKAR Makanchi Array.

Table with columns: DVP Devils Point, DVP Devils Point, RTV Rentapao, RTV Rentapao, MARNC Mare, Loyalty, DZM Mont Dzumac, DZM Mont Dzumac.

NOU 02 23:25:13.7, 16.51S, 167.20E, h21km, ML4.5/11, Vanuatu
IDC 02 23:25:27.6, 1.4, 17.71S, 167.31E, h0km, mb4.0/6,
mbmp3.9/7, ML3.6/1, MS3.2/1, Error ellipse: s-maj=37.6km
s-min=28.3km az=114.0

ISC 02 23:25:28.7, 0.9, 17.8S, 0.1x167.40E, 0.07, h10km, n15,
c=198/14, mb4.0/6, Vanuatu Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like DVP Devils Point, DVP Devils Point, RTV Rentapao, RTV Rentapao, MARNC Mare, Loyalty, DZM Mont Dzumac, DZM Mont Dzumac.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like NOUC Ouen Toro, ONTNC Ouen Toro, MSVF Nonsavu, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, GSPA South Pole Qui.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, ILAR Eielson Array, ILAR Eielson Array.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ONTNC Ouen Toro, ONTNC Ouen Toro, ONTNC Ouen Toro, ONTNC Ouen Toro, ONTNC Ouen Toro.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, HNR Honiara, HNR Honiara, HNR Honiara, HNR Honiara.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ARMA Armadale, ARMA Armadale, ARMA Armadale, ARMA Armadale, ARMA Armadale.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat, CTA Charter Tower, CTA Charter Tower, CTA Charter Tower, CTA Charter Tower.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like CTA Charter Tower, CTA Charter Tower, CTA Charter Tower, CTA Charter Tower, CTA Charter Tower.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like CTA Charter Tower, CTA Charter Tower, CTA Charter Tower, CTA Charter Tower, CTA Charter Tower.

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Table with columns: PPT Papeete, MORW Morawa, SBA Scott Base, SBA Scott Base, MJAR Matsushiro Arr.

Table with columns: JNU Naksu, KRSR Korea Array, SHEM Shemyia Is, PEAOB Petropavlovsk, PETK Petropavlovsk.

Table with columns: GSPA South Pole Qui, GSPA South Pole Qui, GSPA South Pole Qui, GSPA South Pole Qui, GSPA South Pole Qui.

Table with columns: CMAR Chiang Mai Arr, CHTO Chiang Mai, ACHA Angle Creek, L14K Kukka, L14K Kukka, Q19K Cape Douglas, K15K Wolf Creek Mou, K15K Wolf Creek Mou.

Table with columns: YAK Yellowknife Arr, SONM Songoing Array, G16K Koyuk River, G16K Koyuk River, G16K Koyuk River, G16K Koyuk River.

Table with columns: G16K Koyuk River, G16K Koyuk River, G16K Koyuk River, G16K Koyuk River, G16K Koyuk River.

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Table with columns: G16K Koyuk River, G16K Koyuk River, G16K Koyuk River, G16K Koyuk River, G16K Koyuk River.

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

IDC 02 23:44:37.0.2.0,32.76N.0.01:115.43W.0.01, h17km,4km, Error ellipse: s-maj=1.6km s-min=1.5km az=196.0

ISC 02 23:44:36.6.0.8,32.76N.0.01:115.46W.0.01, h18km,2km, n101,0.0971/139,16C-11D, California-Baja California border region

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

NEIC 02 23:44:36.8.2.4,32.750N.0.004:115.46W.0.01, h10km,2km,ML3.3/34,ML3.6/179(PAS), Error ellipse: s-maj=3.0km s-min=1.7km az=163.0

ECX 02 23:44:37.5.0.8,32.76N.0.01:115.45W, h18km,2km,MD3.4,ML3.6

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

BEO 02 23:49:13.7.0.3,43.20N.17.88E, h14km,2km,ML3.3/26,NEIC 02 23:49:13.0.0.6,43.17N.17.94E, h10km,1km,MD3.5/10,ML3.4/13, Error ellipse: s-maj=10.3km s-min=5.9km az=234.0

RHSSO 02 23:49:13.5.0.4,43.21N.17.92E, h6km,4km,ML3.5/10,PDG 02 23:49:13.0.0.6,43.17N.17.94E, h10km,1km,MD3.5/10,ML3.4/13, Error ellipse: s-maj=0.8km s-min=1.2km az=0.0

PRU 02 23:49:18.9.43.31N.17.74E, h10km, KRSZO 02 23:49:37.9.3.0,44.78N.17.56E, h9km,ML2.8/11, Error ellipse: s-maj=36.3km s-min=11.6km az=0.0

ISC 02 23:49:13.8.1.0,43.19N.0.02:17.95E.0.02, h10km,8km, n193,0.1930/271,24C-11D, Northwestern Balkan Peninsula

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

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

BEO 02 23:49:13.7.0.3,43.20N.17.88E, h14km,2km,ML3.3/26,NEIC 02 23:49:13.0.0.6,43.17N.17.94E, h10km,1km,MD3.5/10,ML3.4/13, Error ellipse: s-maj=10.3km s-min=5.9km az=234.0

RHSSO 02 23:49:13.5.0.4,43.21N.17.92E, h6km,4km,ML3.5/10,PDG 02 23:49:13.0.0.6,43.17N.17.94E, h10km,1km,MD3.5/10,ML3.4/13, Error ellipse: s-maj=0.8km s-min=1.2km az=0.0

PRU 02 23:49:18.9.43.31N.17.74E, h10km, KRSZO 02 23:49:37.9.3.0,44.78N.17.56E, h9km,ML2.8/11, Error ellipse: s-maj=36.3km s-min=11.6km az=0.0

ISC 02 23:49:13.8.1.0,43.19N.0.02:17.95E.0.02, h10km,8km, n193,0.1930/271,24C-11D, Northwestern Balkan Peninsula

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

MAGL	Barre de l'île	0.35	65	eP	Pn	00 05 00.4	-0.7
DWS	Wesley	0.37	128	eS	Pn	00 05 01.1	-0.2
DWS				eS	Pn	00 05 06.8	-1.4
DSL	Salisbury	0.41	153	eP	Pn	00 05 01.8	-0.1
DSL				eS	Pn	00 05 08.0	-1.1
DHSZ	Broadband at M	0.49	343	eP	Pb	00 05 02.7	-0.3
DHSZ				eS	Pn	00 05 10.1	-1.0
SVN	Savane Anatole	1.05	156	eP	Pg	00 05 12.6	+1.5
SVN				eS	Pg	00 05 27.3	+2.4
BIM	Bigot	1.38	158	eP	Pg	00 05 17.4	-0.1
BIM				eS	Pg	00 05 35.9	+0.4
ANWB	Willy Bob	1.86	355	eP	Pb	00 05 07.7	-0.5
ANWB				eS	Pb	00 05 47.6	+0.2
SKI	Saint Kitts	1.87	325	eP	Pb	00 05 24.9	+0.5
SKI				eS	Pb	00 05 48.7	+1.2
SLBI	Saint Lucia, B	1.87	161	eP	Pb	00 05 24.2	-0.4
SLBI				eS	Pb	00 05 47.2	-0.4

CNRM 03 00:16:36.0,36:79N,9:85W, h60km, ML3.1
MDD 03 00:16:40.0,0.5,36:76N,9:58W, h33km,9km, mb_Lg3,0/34,
Error ellipse: s-maj=4.4km s-min=2.6km az=70.0

SFS 03 00:16:40.4,36:79N,9:50W, h26km, ML2.8/13, ML2.6/16,
ML2.5/16

INMG 03 00:16:41.9,1.4,36:82N,9:45W, h26km,6km, ML2.1, Error
ellipse: s-maj=4.8km s-min=3.1km az=51.0,
#DIST_RANGE: LOCAL #IPMA_REGION: SW Cabo
S Vicente

IGIL 03 00:16:41.4,36:76N,9:47W, h32km, ML1.9
ISC 03 00:16:39.0,1.6,36:82N,0:03,9:47W,0:05, h30km,14km,
n90, c1965/176, 6C-3D, West of Gibraltar

Code	Station Name	Δ° AZ°	Op	Phase ID	Time	Res
					h m s	ISC
PFVI	Vila Bisbo	0.60	59	Pg	Pn	00 16 52.7 +1.2
PFVI				eS	Pn	00 17 01.3 +1.1
PFVI	Vila Bisbo	0.60	59	P	Pn	00 16 52.6 +1.1
PFVI				S	Pn	00 17 04.9 +4.7
PFVI	Vila Bisbo	0.60	59	Pg	Pn	00 16 52.7 +1.2
PFVI				eSg	Pn	00 17 01.4 +1.2
PFVI				IAML	Pn	00 17 01.9
PFVI				IAML	Pn	00 17 01.9
PFVI				IAML	Pn	00 17 02.1
MORF	Marrelete	0.81	53	eP	Pn	00 16 55.8 +1.4
MORF				eS	Pn	00 17 06.6 +1.1
MORF				IAML	Pn	00 17 08.1
MORF	Marrelete	0.81	53	P	Pn	00 16 55.8 +1.4
MORF				eS	Pn	00 17 07.0 +1.5
MORF				IAML	Pn	00 17 07.3
MORF				IAML	Pn	00 17 09.8
MORF				IAML	Pn	00 17 10.0
PTEO	Sao Teotónio	0.93	39	P	Pn	00 16 57.5 +1.4
PTEO				S	Pn	00 17 09.8 +1.3
PTEO				IAML	Pn	00 17 10.4
PTEO				IAML	Pn	00 17 10.8
PTEO				IAML	Pn	00 17 11.3
PBDV	Barranco-do-Ve	1.30	71	Pn	Pb	00 17 02.6 -0.2
PBDV				S	Pn	00 17 17.4 -0.1
PBDV	Barranco-do-Ve	1.30	71	P	Pb	00 17 02.5 -0.2
PBDV				eS	Pb	00 17 18.2 +0.6
PBDV				IAML	Pb	00 17 25.1
PBDV				IAML	Pb	00 17 27.5
PBDV				IAML	Pb	00 17 30.7
PCVE	Castro Verde	1.40	54	P	Pb	00 17 04.2 -0.3
PCVE				S	Pb	00 17 21.3 +1.4
PCVE	Castro Verde	1.40	54	P	Pb	00 17 04.2 -0.3
PCVE				eS	Pb	00 17 21.3 +1.4
PCVE				IAML	Pb	00 17 22.8
PCVE				IAML	Pb	00 17 22.9
PCVE				IAML	Pb	00 17 23.0
MESJ	Messejana	1.42	44	eP	Pn	00 17 04.3 +1.5
MESJ				eS	Pn	00 17 21.2 +0.7
MESJ				IAML	Pn	00 17 22.0
MESJ	Messejana	1.42	44	eP	Pn	00 17 04.3 +1.5
MESJ				eS	Pn	00 17 21.4 +0.8
MESJ				IAML	Pn	00 17 29.1
MESJ				IAML	Pn	00 17 32.8
MESJ				IAML	Pn	00 17 35.0
PVAQ	Vaqueiros	1.51	67	P	Pn	00 17 05.4 +1.4
PVAQ				S	Pn	00 17 27.7 +2.5
PVAQ	Vaqueiros	1.51	67	P	Pn	00 17 05.5 +1.4
PVAQ				eS	Pn	00 17 23.4 +0.6
PVAQ				IAML	Pn	00 17 27.1
PVAQ				IAML	Pn	00 17 29.3
PVAQ				IAML	Pn	00 17 34.3
EXAYA	Ayamonte	1.70	76	P	Pn	00 17 07.9 +1.3
EXAYA				S	Pn	00 17 27.4 +0.1
EGRO	El Granado	1.74	65	Pn	Pn	00 17 08.5 +1.4
EGRO				S	Pn	00 17 28.9 +0.7
EGRO	El Granado	1.74	65	P	Pn	00 17 08.3 +1.1
EGRO				Pb	Pn	00 17 08.6 +1.8
EGRO				S	Pn	00 17 28.6 +0.3
EGRO				S	Pn	00 17 29.4 -2.2
PBEJ	Beja	1.75	46	eP	Pn	00 17 08.6 +1.2
PBEJ				eS	Pn	00 17 29.7 +1.0
PBEJ				IAML	Pn	00 17 30.8 +1.1
PBEJ				IAML	Pn	00 17 39.3
PBEJ				IAML	Pn	00 17 42.4
MOE	Montemor	1.92	27	eP	Pn	00 17 11.2 +1.6
MOE				eS	Pn	00 17 33.5 +0.8
MOE				IAML	Pn	00 17 36.1
MOE				IAML	Pn	00 17 47.8
MOE				IAML	Pn	00 17 47.8
EVO	Evora	2.06	34	Pn	Pn	00 17 12.8 +1.2
EVO				S	Pn	00 17 36.1 -0.2
EVO	Evora	2.06	34	P	Pn	00 17 12.8 +1.2
EVO				eS	Pn	00 17 36.5 +0.2
EVO				IAML	Pn	00 17 37.3
EVO				IAML	Pn	00 17 37.7
EVO				IAML	Pn	00 17 37.8
EXHU	Huelva	2.08	77	S	Pn	00 17 37.8 +1.0
PMAFR	Maфра	2.13	4	P	Pn	00 17 14.2 +1.5
PMAFR				S	Pn	00 17 38.0 +0.6
PMAFR	Maфра	2.13	4	eP	Pn	00 17 14.2 +1.5
PMAFR				eS	Pn	00 17 38.7 +0.6
PMAFR				IAML	Pn	00 17 40.4
PMAFR				IAML	Pn	00 17 40.9
PMAFR				IAML	Pn	00 17 41.3 +1.0
PARRA	Arraiolos	2.29	29	eP	Pn	00 17 15.8 +1.0
PARRA				eS	Pn	00 17 41.6 -0.4
PARRA				IAML	Pn	00 17 42.5
PARRA				IAML	Pn	00 17 43.9
PARRA				IAML	Pn	00 17 45.7
PBAR	Barrancos	2.36	54	Pn	Pn	00 17 34.8 +1.2
PBAR				S	Pn	00 17 44.3 +0.7
PBAR	Barrancos	2.36	54	eP	Pn	00 17 16.9 +1.2
PBAR				eS	Pn	00 17 44.1 +0.6
PBAR				IAML	Pn	00 17 57.7
PBAR				IAML	Pn	00 18 00.7
PBAR				IAML	Pn	00 18 02.7
EMIN	Mina Concepcio	2.42	66	Pn	Pn	00 17 17.9 +1.3
EMIN				S	Pn	00 17 45.7 +0.6
EMIN	Mina Concepcio	2.42	66	P	Pn	00 17 17.7 +1.2
EMIN				S	Pn	00 17 45.6 +0.5
EMIN				S	Pn	00 17 48.0 +1.2
PMTG	Montargil	2.45	23	eP	Pn	00 17 18.1 +1.2
PMTG				eS	Pn	00 17 46.0 +0.2
PMTG				IAML	Pn	00 17 46.9
PMTG				IAML	Pn	00 17 48.1
PMTG				IAML	Pn	00 17 48.2
PESTR	Estremoz	2.52	35	Pn	Pn	00 17 19.0 +1.0
PESTR				S	Pn	00 17 48.1 +0.3
PESTR	Estremoz	2.52	35	P	Pn	00 17 16.6 -1.4
PESTR				S	Pn	00 17 48.3 +0.5
PESTR	Estremoz	2.52	35	eP	Pn	00 17 19.0 +1.0
PESTR				eS	Pn	00 17 48.1 +0.3
PESTR				IAML	Pn	00 18 03.8
PESTR				IAML	Pn	00 18 05.2
PESTR				IAML	Pn	00 18 06.0
PSBE	So Bento	2.74	11	eP	Pn	00 17 22.7 +1.8
PSBE				eS	Pn	00 17 52.7 -0.4
PSBE				IAML	Pn	00 17 54.6
PSBE				IAML	Pn	00 18 06.8
PSBE				IAML	Pn	00 18 07.6
ESPR	Espera	2.90	88	Pn	Pn	00 17 24.4 +1.3
ESPR				S	Pn	00 17 56.6 -0.3
ESPR	Espera	2.90	88	P	Pn	00 17 24.4 +1.3

Code	Station Name	Δ° AZ°	Op	Phase ID	Time	Res
					h m s	ISC
ESPR				S	Pn	00 17 56.7 -0.1
ESPR				iVmb_Lg	Pn	00 18 00.1
PSARD	Sardoal	2.96	20	eP	Pn	00 17 25.5 +1.6
PSARD				eS	Pn	00 17 58.5 0.0
PSARD				IAML	Pn	00 18 00.2
PSARD				IAML	Pn	00 18 02.7
PSARD				IAML	Pn	00 18 01.3
PMRV	Marv??o	3.07	32	eP	Pn	00 17 26.7 +1.2
PMRV				eS	Pn	00 18 00.4 -0.9
PMRV				IAML	Pn	00 18 02.2
PMRV				IAML	Pn	00 18 02.7
PMRV				IAML	Pn	00 18 03.8
EJIF	Jimena Fronter	3.23	95	P	Pn	00 17 29.0 +1.3
EJIF				S	Pn	00 18 05.6 +0.3
PCAS	Casmilo, Conde	3.31	13	eP	Pn	00 17 30.5 +1.7
PCAS				eS	Pn	00 18 06.4 -0.8
PCAS				IAML	Pn	00 18 08.0
PCAS				IAML	Pn	00 18 10.1
PCAS				IAML	Pn	00 18 14.4
E1302	La Puebla de C	3.40	83	P	Pn	00 17 31.4 +1.4
E1302				S	Pn	00 18 07.2 -2.0
E1302				iVmb_Lg	Pn	00 18 12.7
PCBR	Castelo Branco	3.40	27	eP	Pn	00 17 31.4 +1.4
PCBR				eS	Pn	00 18 08.3 -0.9
PCBR				IAML	Pn	00 18 10.0
PCBR				IAML	Pn	00 18 10.3
PCBR				IAML	Pn	00 18 10.4
ECAB	El Cabril	3.46	68	Pn	Pn	00 17 32.2 +1.3
ECAB				S	Pn	00 18 10.0 -0.7
ECAB	El Cabril	3.46	68	P	Pn	00 17 32.1 +1.3
ECAB				S	Pn	00 18 09.8 -1.0
ECAB				iVmb_Lg	Pn	00 18 12.2
SMIR	Smir Dam	3.49	108	P	Pn	00 17 32.3 +1.0
SMIR				S	Pn	00 17 42.1 +1.2
EMIJ	Mijas	3.78	92	Pn	Pn	00 17 36.0 +0.7
EMIJ				S	Pn	00 18 19.4 +0.6
EMIJ				S	Pn	00 17 36.4 +1.2
EMIJ				iVmb_Lg	Pn	00 18 19.9 -1.9
EMIJ				eS	Pn	00 18 22.0 +1.4
MTE	Manteigas	3.88	22	eP	Pn	00 17 38.0 +1.4
MTE				eS	Pn	00 18 20.0 -1.2
MTE				IAML	Pn	00 18 22.7
MTE				IAML	Pn	00 18 22.7
MTE				IAML	Pn	00 18 22.9
AVE	Averroes	3.90	154	Pn	Pn	00 17 37.0 +0.1
AVE				S	Pn	00 18 03.6 -0.4
AVE	Averroes	3.90	154	P	Pn	00 17 36.5 -0.3
AVE				S	Pn	00 18 20.9 -0.7
AVE				eP	Pn	00 17 41.3 +1.9
PVIS				eS	Pn	00 18 25.3 -0.9
ZHG		4.08	145	Pn	Pn	00 18 03.6 +0.1
EADA	Adamuz	4.11	69	Pn	Pn	00 17 41.1 +1.3
EADA				S	Pn	00 18 25.9 -1.0
EADA	Adamuz	4.11	69	P	Pn	00 17 41.3 +1.5
EADA				S	Pn	00 18 26.0 -1.0
EADA				iVmb_Lg	Pn	00 18 28.6
EADA				P	Pn	00 17 42.1 +1.2
EPLA	Plasencia	4.19	38	P	Pn	00 18 27.8 -1.1
EPLA				S	Pn	00 18 29.0

KSAR	Wonju Array Be	8.81 301	P	Pn	00 37 09.8 -0.4
KSAR	Wonju Array Si	8.85 301	Pn	Pn	00 37 10.2 -0.5
INCN	Inchon	9.73 299	P	Pn	00 37 21.1 -0.1
INCN	Inchon	9.73 299	P	Pn	00 37 21.1 -0.1
USKR	Ussuriysk Ar.	11.72 341	P	Pn	00 37 44.7 +0.2
CN2	Changchun	14.07 322	P	Pn	00 38 12.8 +0.9
CN2	Changchun	14.07 322	P	Pn	00 38 12.8 +0.9
YSS	Yuzhno-Sakhal	14.31 15	P	Pn	00 38 14.3 -0.3
YSS	Yuzhno-Sakhal	14.31 15	eP	Pn	00 38 16.1 +1.5
YSS	Yuzhno-Sakhal	14.31 15	P	Pn	00 38 14.3 -0.3
KLR	Kul'dur	16.52 347	P	P	00 38 36.4 -0.1
KLR	Kul'dur	16.52 347	P	P	00 38 35.7 -0.8
TIA	Taian	16.90 286	P	P	00 38 40.6 -0.2
TIA	Taian	16.90 286	P	P	00 38 40.6 -0.2
TYV	Tymovskoe	18.04 11	eP	P	00 38 50.1 -2.6
TYV	Tymovskoe	18.04 11	eP	P	00 38 50.1 -2.6
BJT	Baijiatau	18.29 298	P	P	00 38 55.3 -0.2
BJT	Baijiatau	18.29 298	P	P	00 38 55.3 -0.2
HIA	Hailar	20.71 326	iP	P	00 39 18.3 -1.2
HIA	Hailar	20.71 326	iP	P	00 39 18.3 -1.2
HILR	Hailar Array B	20.91 326	P	P	00 39 20.9 -0.4
HILR	Hailar Array B	20.91 326	P	P	00 39 20.9 -0.4
ZEZ	Zeya	21.73 344	eP	P	00 39 30.2 +1.6
HHC	Hu-ho-hao-te	21.90 298	eP	P	00 39 32.2 +1.7
XAN	Xi'an	23.67 280	P	P	00 39 46.3 -0.2
XAN	Xi'an	23.67 280	P	P	00 39 46.3 -0.2
ENH	Enshi	23.86 270	P	P	00 39 47.4 -0.9
ULN	Ulaanbaatar	27.07 312	P	P	00 40 18.0 +1.2
ULN	Ulaanbaatar	27.07 312	P	P	00 40 18.0 +1.2
ULN	Ulaanbaatar	27.07 312	eP	P	00 40 15.5 -1.3
ULN	Ulaanbaatar	27.07 312	eP	P	00 40 15.5 -1.3
SOMM	Songino Array	27.47 311	P	P	00 40 21.6 +1.3
SOMM	Songino Array	27.47 311	P	P	00 40 21.6 +1.3
SOMM	Songino Array	27.47 311	P	P	00 40 21.0 +0.6
SOMM	Songino Array	27.47 311	P	P	00 40 25.8
TLY	Talaya	30.58 317	P	P	00 40 48.1 +0.6
TLY	Talaya	30.58 317	P	P	00 40 48.1 +0.6
GTA2	Gaotai	30.76 293	eP	P	00 40 49.4 +0.1
GTA2	Gaotai	30.76 293	eP	P	00 40 49.4 +0.1
PZH	Panzhihua	31.50 267	P	P	00 40 56.1 +0.2
KNGR	Kungurtug, Tuv	33.86 313	iP	P	00 41 15.1 -0.7
KNGR	Kungurtug, Tuv	33.86 313	iP	P	00 41 15.1 -0.7
GOMU	GeErMu	34.90 287	P	P	00 41 24.8 -0.4
GOMU	GeErMu	34.90 287	P	P	00 41 24.8 -0.4
CMAR	Chiang Mai Arr	37.35 256	P	P	00 41 45.4 -0.1
CMAR	Chiang Mai Arr	37.35 256	P	P	00 41 45.4 -0.1
CMAR	Chiang Mai Arr	37.35 256	P	P	00 41 45.4 -0.1
BILL	Bilbino	38.61 17	IAMB	IAMB	00 41 56.6 +1.3
BILL	Bilbino	38.61 17	IAMB	IAMB	00 41 56.6 +1.3
BILL	Bilbino	38.61 17	IAMB	IAMB	00 41 57.5
BILL	Bilbino	38.61 17	IAMB	IAMB	00 41 57.5
ZALV	Zalesovo Beam	42.16 316	P	P	00 42 24.2 +0.1
ZALV	Zalesovo Beam	42.16 316	P	P	00 42 24.2 +0.1
ZALV	Zalesovo Beam	42.16 316	P	P	00 42 24.6 +0.4
ZALV	Zalesovo Beam	42.16 316	P	P	00 42 24.6 +0.4
MK31	Makanchi Array	43.45 305	eP	P	00 42 33.8 -0.7
MK31	Makanchi Array	43.45 305	eP	P	00 42 33.8 -0.7
MKAR	Makanchi Array	43.45 305	P	P	00 42 35.0 +0.4
MKAR	Makanchi Array	43.45 305	P	P	00 42 35.0 +0.4
EVN	Everest	43.49 277	IAMB	IAMB	00 42 36.9
EVN	Everest	43.49 277	IAMB	IAMB	00 42 36.9
MAKZ	Makanchi	43.66 305	P	P	00 42 36.4 +0.2
MAKZ	Makanchi	43.66 305	P	P	00 42 36.4 +0.2
MAKZ	Makanchi	43.66 305	P	P	00 42 36.4 +0.2
MAKZ	Makanchi	43.66 305	P	P	00 42 36.4 +0.2
NR1K	Noril'sk	45.42 338	P	P	00 42 49.9 +0.3
NR1K	Noril'sk	45.42 338	P	P	00 42 49.9 +0.3
NR1K	Noril'sk	45.42 338	P	P	00 42 50.1 +0.6
NR1K	Noril'sk	45.42 338	iP	P	00 42 48.9 -0.7
NR1K	Noril'sk	45.42 338	P	P	00 42 50.1 +0.6
KURK	Kurchatov	45.77 311	P	P	00 42 52.6 0.0
KURK	Kurchatov	45.77 311	P	P	00 42 53.5
KURK	Kurchatov	45.77 311	eP	P	00 42 50.6 -2.0
KURK	Kurchatov	45.77 311	eP	P	00 42 50.6 -2.0
KURBB	Kurchatov Arra	45.83 311	P	P	00 42 53.1 +0.1
KURBB	Kurchatov Arra	45.83 311	P	P	00 42 53.1 +0.1
F15K	North Star Dit	47.13 29	P	P	00 43 04.8 +2.0
F15K	North Star Dit	47.13 29	P	P	00 43 05.8
F17K	Baldwin Pennin	48.64 28	IAMB	IAMB	00 43 16.0 +1.9
F17K	Baldwin Pennin	48.64 28	IAMB	IAMB	00 43 17.0
C18K	Utukok River	49.13 25	P	P	00 43 19.2 +1.2
KSH2	Kashi	49.38 295	P	P	00 43 21.6 +1.1
KSH2	Kashi	49.38 295	P	P	00 43 21.6 +1.1
AAK	Ala-Archa	49.45 300	eP	P	00 43 18.2 -2.7
AAK	Ala-Archa	49.45 300	eP	P	00 43 18.2 -2.7
C19K	Lookout Ridge	49.80 25	P	P	00 43 24.6 +1.6
C19K	Lookout Ridge	49.80 25	P	P	00 43 26.0
D19K	Kuna River	50.21 26	P	P	00 43 27.4 +1.5
H19K	Roundabout Mou	50.44 30	P	P	00 43 29.1 +1.4
BVAR	Borovyoye Array	50.75 314	P	P	00 43 30.6 +0.5
BVAR	Borovyoye Array	50.75 314	P	P	00 43 30.6 +0.5
BORK	Borovyoye	50.79 314	eP	P	00 43 29.6 -0.8
BORK	Borovyoye	50.79 314	eP	P	00 43 29.6 -0.8
B20K	Meade River	50.82 24	P	P	00 43 32.0 +1.7
B20K	Meade River	50.82 24	P	P	00 43 33.1
Q19K	Cape Douglas	51.52 38	P	P	00 43 35.7 -0.1
IMAR	Indian Mountain	51.59 29	P	P	00 43 37.1 +0.9
KDAK	Kodiak Island	52.14 40	P	P	00 43 40.8 +0.6
KDAK	Kodiak Island	52.14 40	P	P	00 43 40.8 +0.6
KDAK	Kodiak Island	52.14 40	P	P	00 43 40.8 +0.6
KDAK	Kodiak Island	52.14 40	P	P	00 43 40.8 +0.6
KK31	Karatay Array	52.22 302	P	P	00 43 41.2 +0.1
KK31	Karatay Array	52.22 302	P	P	00 43 42.1
KK31	Karatay Array	52.22 302	P	P	00 43 41.2 +0.1
KK31	Karatay Array	52.22 302	P	P	00 43 41.2 +0.1
KKAR	Karatay Array	52.22 302	P	P	00 43 41.2 +0.1
KKAR	Karatay Array	52.22 302	P	P	00 43 41.2 +0.1
SKT	Skwentna	52.48 34	P	P	00 43 43.3 +0.5
E22K	Anaktuvuk Pass	52.49 26	P	P	00 43 44.2 +1.5
H22K	Ishlathina Cre	52.56 29	P	P	00 43 44.9 +1.6
NIL	Nilore	52.69 289	P	P	00 43 45.9 +0.3
NIL	Nilore	52.69 289	P	P	00 43 46.2
NIL	Nilore	52.69 289	P	P	00 43 45.0 +0.3
NIL	Nilore	52.69 289	P	P	00 43 45.0 +0.3

CNMP	China Poot	52.73 37	P	P	00 43 45.5 +0.9
BRLK	Bradley Lake	52.90 37	P	P	00 43 46.4 +0.7
BRLK	Bradley Lake	52.90 37	IAMB	IAMB	00 44 02.7
WRA	Warramunga Arr	52.95 184	P	P	00 43 45.1 -1.5
WRA	Warramunga Arr	52.95 184	P	P	00 43 45.1 -1.5
WR8	Warramunga Arr	52.96 183	P	P	00 43 45.1 -1.5
GAR	Garm	53.38 297	IAMB	IAMB	00 43 49.2 -0.5
GAR	Garm	53.38 297	IAMB	IAMB	00 43 50.7
MCK	McKinley	53.62 32	P	P	00 43 51.8 +0.9
MCK	McKinley	53.62 32	P	P	00 43 51.8 +0.9
MCK	McKinley	53.62 32	P	P	00 43 51.8 +0.9
RND	Reindeer	53.67 32	IAMB	IAMB	00 43 52.0 +0.7
RND	Reindeer	53.67 32	IAMB	IAMB	00 43 52.9
RND	Reindeer	53.67 32	P	P	00 43 52.0 +0.7
RND	Reindeer	53.67 32	P	P	00 43 52.0 +0.7
CCB	Clear Creek Bu	54.08 31	P	P	00 43 55.1 +1.0
CHGR	Chuyangaron	54.34 297	P	P	00 43 56.4 -0.2
CHGR	Chuyangaron	54.34 297	P	P	00 43 56.1 -0.5
CHGR	Chuyangaron	54.34 297	P	P	00 43 56.1 -0.5
ILAR	Eielson Array	54.46 31	P	P	00 43 57.1 +0.2
ILAR	Eielson Array	54.46 31	P	P	00 43 57.1 +0.2
ILAR	Eielson Array	54.46 31	P	P	00 43 56.8 -0.1
F25K	Christian Rive	54.83 27	P	P	00 44 00.3 +0.9
BMAR	Burnt Mountain	55.24 27	P	P	00 44 04.3 +1.9
RIDG	Independent Ri	55.43 32	IAMB	IAMB	00 44 04.5 +0.6
RIDG	Independent Ri	55.43 32	IAMB	IAMB	00 44 05.5
SCRK	Sand Creek	55.79 32	IAMB	IAMB	00 44 07.1 +0.7
SCRK	Sand Creek	55.79 32	IAMB	IAMB	00 44 08.1
DOT	Dot Lake	55.79 32	P	P	00 44 07.1 +0.8
DOT	Dot Lake	55.79 32	IAMB	IAMB	00 44 07.9
BERG	Berg Lake	56.41 36	P	P	00 44 11.9 +1.3
BERG	Berg Lake	56.41 36	IAMB	IAMB	00 44 28.9
ASAR	Alice Springs	56.68 184	P	P	00 44 12.6 -0.3
ASAR	Alice Springs	56.68 184	P	P	00 44 12.6 -0.3
ASAR	Alice Springs	56.68 184	P	P	00 44 11.8 -1.2
BCAR	Beaver Creek A	56.82 32	P	P	00 44 15.5 +0.5
ARTI	Arti	57.15 319	IAMB	IAMB	00 44 15.5 -0.4
ARTI	Arti	57.15 319	IAMB	IAMB	00 44 15.5 -0.4
ARTI	Arti	57.15 319	iP	P	00 44 14.2 -1.7
ARTI	Arti	57.15 319	P	P	00 45 03.2
ARTI	Arti	57.15 319	S	S	00 51 35.8 -5.8
AB31	Akbulak array	57.88 311	P	P	00 44 21.2 +0.2
AB31	Akbulak array	57.88 311	IAMB	IAMB	00 44 21.8
ABKAR	Akbulak array	57.88 311	P	P	00 44 21.1 +0.1
EPYK	Eagle Plains	58.45 28	P	P	00 44 26.4 +1.6
INK	Inuvik	59.26 26	P	P	00 44 31.2 +1.1
INK	Inuvik	59.26 26	P	P	00 44 31.2 +1.1
HYT	Haines Junction	59.31 35	P	P	00 44 31.9 +1.1
HYT	Haines Junction	59.31 35	IAMB	IAMB	00 44 36.3
C36M	Paulatuk	62.25 23	P	P	00 44 50.9 +1.0
RES	Resolute Bay	67.08 13	P	P	00 45 21.7 +0.9
RES	Resolute Bay	67.08 13	IAMB	IAMB	00 45 56.1
RES	Resolute Bay	67.08 13	P	P	00 45 21.7 +0.9
RES	Resolute Bay	67.08 13	P	P	00 45 21.7 +0.9
YKA	Yellowknife Arr	68.74 28	P	P	00 45 31.9 +0.6
YKA	Yellowknife Arr	68.74 28	P	P	00 45 31.9 +0.6
YKA	Yellowknife Arr	68.74 28	P	P	00 45 31.2 0.0
YKA	Yellowknife Arr	68.74 28	P	P	00 45 32.0 -0.1
FINES	FINES Array B	70.60 332	P	P	00 45 42.7 +0.2
FINES	FINES Array B	70.60 332	P	P	00 45 42.7 +0.2
FINES	FINES Array B	70.60 332	P	P	00 45 42.4 -0.1
KBZ	Khabaz	70.83 310	P	P	00 45 44.7 +0.5
KBZ	Khabaz	70.83 310	P	P	00 45 44.7 +0.5
KBZ	Khabaz	70.83 310	eP	P	00 45 44.4 +0.2
KIV	Kislovodsk	70.86 310	P	P	00 45 45.1 +0.6
KIV	Kislovodsk	70.86 310	eP	P	00 45 43.3 -1.2
I03D	Drain, OR	73.90 48	P	P	00 46 03.2 +1.1
AKASG	Main Array Be	75.22 321	P	P	00 46 09.6 0.0
AKASG	Main Array Be	75.22 321	P	P	00 46 09.6 0.0
AKASG	Main Array Be	75.22 321	iP	P	00 46 08.6 -1.0
AKASG	Main Array Be	75.22 321	P	P	00 46 08.6 -1.0
HFS	Hagfors	76.13 335	P	P	00 46 14.4 -0.1
HFS	Hagfors	76.13 335	P	P	00 46 14.4 -0.1
NOA	NORAS Array B	76.36 336	P	P	00 46 15.7 -0.1
NOA	NORAS Array B	76.36 336	P	P	00 46 15.7 -0.1
BR131	Keskin Array S	78.82 310	P	P	00 46 29.9 +0.1
BR131	Keskin Array S	78.82 310	IAMB	IAMB	00 46 31.2
BR131	Keskin Array S	78.82 310	P	P	00 46 29.9 +0.1
BR131	Keskin Array S	78.82 310	P	P	00 46 29.9 +0.1
BRTR	Keskin Array B	78.82 310	P	P	00 46 30.2 +0.4
BRTR	Keskin Array B	78			

2020 MAY

3d Oh									
TEIG	TEpich	39.49 333	P	P	00 51 39.3 +1.3				
TEIG	TEpich	39.49 333	P	P	00 51 38.2 +0.2				
TEIG			pP	pP	00 52 18.6 -2.8				
TEIG			PcP	PcP	00 53 42.1 +0.4				
MG01	Puerto William	39.50 177	I	Amb	00 51 38.3 +0.6				
MG01	comp-Z,226nm,1.1s				00 51 40.0				
CAMR	Camarioca	39.69 344	P	P	00 51 39.6 +0.1				
TLIG	TIapa	42.88 319	P	I	00 52 06.7 +0.9				
	comp-Z,151nm,1.4s				00 52 09.3				
DWPF	Disney Wildern	44.54 346	P	P	00 52 17.8 -0.9				
DWPF			I	Amb	00 52 19.4				
	comp-Z,138nm,0.7s								
UNM	Universidad Na	44.59 320	P	P	00 52 18.7 -0.9				
UNM			PcP	PcP	00 54 00.8 +1.6				
656A	Willston	46.01 345	P	P	00 52 29.4 -0.9				
MOIG	Morelia	46.12 318	P	I	00 52 32.8 +1.3				
MOIG			I	Amb	00 52 34.7				
	comp-Z,187nm,0.6s								
HOPE	Hope Point	46.95 153	P	P	00 52 38.5 +1.3				
HOPE			I	Amb	00 52 40.4				
HOPE	Hope Point	46.95 153	P	P	00 52 38.5 +1.3				
HOPE			pmax	pmax					
	comp-Z,224nm,1.2s								
BBSR	BB Station	47.84 7	P	P	00 52 42.3 -2.0				
BBSR			I	Amb	00 53 45.6				
	comp-Z,413nm,1.9s								
ESPZ	Base Esperanza	48.85 172	P	P	00 52 52.1 +0.5				
ESPZ			I	Amb	00 52 53.7				
	comp-Z,163nm,0.9s								
BRAL	Brewton	48.97 341	P	P	00 52 52.8 -0.2				
ZAIG	Zacatecas	49.25 320	P	I	00 52 56.3 +0.7				
ZAIG			I	Amb	00 52 58.8				
	comp-Z,126nm,1.1s								
PMSA	Palmer Station	49.51 176	P	P	00 52 57.5 +0.8				
PMSA			eP	P	00 52 57.6 +1.0				
GOGA	Godfrey	50.10 346	P	P	00 53 00.2 -1.3				
GOGA			PcP	PcP	00 54 18.6 +0.5				
GOGA	Godfrey	50.10 346	P	pmax	00 53 00.2 -1.3				
	comp-Z,38nm,0.8s								
HKT	Hockley	51.29 332	P	P	00 53 11.2 +0.9				
HKT	Hockley	51.29 332	P	P	00 53 10.5 +0.2				
HKT			iP	pmax					
HKT			pmax	pmax					
	comp-Z,173nm,1.5s								
HKT	Hockley	51.29 332	P	P	00 53 11.3 +0.9				
HKT			pP	pP	00 53 54.6 -1.4				
HKT			PcP	PcP	00 54 24.2 +5.6				
EF04	Eagle Ford 04	51.60 329	I	Amb	00 53 13.0 +0.2				
EF04			I	Amb	00 53 14.4				
	comp-Z,195nm,0.9s								
FPAL	Fort Paine	51.71 344	P	P	00 53 11.8 -1.8				
TKL	Tuckaleechee C	52.32 346	LR	LR	01 17 31.2				
	comp-Z,306nm,20.1s, baz=132,slow=36								
TKL	Tuckaleechee C	52.32 346	P	P	00 53 16.6 -1.3				
TKL	Tuckaleechee C	52.32 346	P	pmax	00 53 16.7 -1.3				
TKL			pmax	pmax					
	comp-Z,30nm,0.9s								
OXF	Oxford	52.80 340	P	I	00 53 19.8 -1.7				
OXF			I	Amb	00 53 22.1				
	comp-Z,94nm,1.1s								
OXF	Oxford	52.80 340	P	pmax	00 53 19.8 -1.7				
OXF			pmax	pmax					
	comp-Z,94nm,1.1s								
Z41A	Richland Creek	52.88 337	P	I	00 53 21.9 -0.2				
Z41A			I	Amb	00 53 23.5				
	comp-Z,86nm,0.8s								
Z41A	Junction City	53.64 328	P	P	00 54 29.2 +0.8				
Z41A			PcP	PcP	00 53 27.7 -0.2				
Z41A	Junction City	53.64 328	P	I	00 53 29.4				
Z41A			I	Amb					
	comp-Z,160nm,1.2s								
JCT	Junction City	53.64 328	P	pmax	00 53 27.6 -0.2				
JCT			pmax	pmax					
	comp-Z,160nm,1.3s								
WVT	Waverly	53.82 343	P	I	00 53 26.8 -2.1				
WVT			I	Amb	00 53 28.2				
	comp-Z,78nm,0.8s								
WVT	Waverly	53.82 343	P	pmax	00 53 26.8 -2.1				
WVT			pmax	pmax					
	comp-Z,78nm,0.8s								
GLAT	Glass	54.38 341	P	P	00 53 31.7 -1.3				
GLAT			I	Amb	00 53 33.5				
	comp-Z,306nm,1.5s								
SLBS	Sierra La Lagu	54.73 314	P	P	00 53 36.2 +0.3				
SLBS			I	Amb	00 53 38.7				
	comp-Z,234nm,1.5s								
TXAR	Lajitas Array	54.81 324	P	P	00 53 36.6 +0.3				
TXAR			I	Amb	00 53 37.7 +0.8				
	comp-Z,39nm,0.7s, baz=150,slow=8, SNR=403								
	comp-Z,0.9nm,0.9s, baz=204,slow=2.7, SNR=5.9								
TXAR	Lajitas Array	54.81 324	P	P	00 53 36.5 +0.1				
TXAR			P	P	00 53 37.5 -1.7				
WACV	West Chester U	55.31 355	P	P	00 53 39.7 -0.4				
SUPA	Santiago Islan	56.12 333	P	P	00 53 46.2 +0.8				
S34A	Smith Ranch, M	56.18 353	P	P	00 53 44.5 -1.2				
SSPA	Standing Stone	56.35 357	P	P	00 53 45.1 -1.8				
WSPF	Westport, CT	56.35 357	P	P	00 53 46.7 -1.8				
ACSO	Alum Creek Sta	56.56 349	I	Amb	00 53 49.6				
ACSO			I	Amb	00 53 48.0				
	comp-Z,37nm,0.6s								
CCM	Cathedral Cave	56.64 340	P	I	00 53 48.0 -1.0				
CCM			I	Amb	00 54 44.7				
	comp-Z,110nm,0.8s								
CCM	Cathedral Cave	56.64 340	P	pmax	00 53 48.0 -1.0				
CCM			pmax	pmax					
	comp-Z,110nm,0.8s								
CCM	Cathedral Cave	56.64 340	P	P	00 53 48.1 -0.9				
CCM			pP	pP	00 54 32.1 -3.3				
CCM			PcP	PcP	00 54 42.5 -0.4				
WMOK	Wichita Mounta	56.65 332	P	I	00 53 49.4 +0.2				
WMOK			I	Amb	00 53 51.6				
	comp-Z,57nm,0.6s								
WMOK	Wichita Mounta	56.65 332	P	pmax	00 53 49.4 +0.2				
WMOK			pmax	pmax					
	comp-Z,57nm,0.6s								
M65A	Busby, Fairmount	56.69 360	P	P	00 53 50.6 +1.3				
	comp-Z,180nm,0.8s								
BINY	Binghanton	57.55 355	P	P	00 53 54.1 -1.2				
MNTX	Cornudas Mount	57.56 323	P	P	00 53 55.1 -0.5				
MNTX			I	Amb	00 53 56.8				
	comp-Z,114nm,1.0s								
HRV	Adam Dzewonsk	57.64 359	P	P	00 53 54.5 -1.4				
HRV	Adam Dzewonsk	57.64 359	P	pmax	00 53 54.5 -1.4				
HRV			pmax	pmax					
	comp-Z,27nm,0.9s								
ERPA	Erie	57.91 352	P	P	00 53 56.8 -1.0				
HDL	Hopedale	58.35 343	P	I	00 53 58.8 -2.1				
HDL			I	Amb	00 54 51.5				
	comp-Z,98nm,0.7s								
SRIG	Santa Rosalia	58.68 316	P	P	00 54 03.9 +0.4				
MEDO	Medina	58.74 353	P	P	00 54 02.4 -1.2				
HSIG	Hesperia	58.98 318	I	Amb	00 54 05.8 +0.3				
HSIG			I	Amb	00 54 07.7				
	comp-Z,294nm,1.8s								
121A	Cookes Peak, D	59.54 324	P	P	00 54 10.4 +0.9				
HAL	Halifax	60.09 6	P	I	00 54 11.5 -1.2				
HAL			I	Amb	00 55 29.8				
HAL	Halifax	60.09 6	P	pmax	00 54 11.5 -1.2				
HAL			pmax	pmax					
	comp-Z,199nm,1.6s								
WBO	Williamsburg	60.28 356	P	P	00 54 12.5 -1.5				
GGN	Saint George	60.33 3	P	P	00 54 13.3 -0.9				
ANMO	Albuquerque	60.61 326	P	P	00 54 17.0 +0.3				</

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PBRG, EDA, PAB, VYND, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PHDHD, Q32M, LAWE, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MEM, POGA, PINM, etc.

ABTA	comp=Z,21nm,1.5s	iPP	pP	00 58 20.5 -3.2
ABTA	comp=Z,2.9nm,1.0s	ePP	PP	01 01 26.4 -3.2
HIN	Hinchinbrook I	96.51 331	P	00 57 33.2 +0.1
HIN		IAMB	P	00 57 33.8
F28M	Old Crow	96.53 339	P	00 57 33.1 0.0
H27K	Steamboat Moun	96.56 337	P	00 57 33.0 -0.3
HARP	HAARP	96.59 333	P	00 57 33.4 -0.1
KLU	Klutina	96.62 332	P	00 57 33.6 0.0
SCRK	Sand Creek	96.66 335	P	00 57 34.0 +0.1
LESA	Schwarzeleal	96.67 43	iP	00 57 33.4 -0.9
LESA	comp=Z,15nm,1.3s,SNR=5.7	iPP	pP	00 58 21.8 -3.1
LESA	comp=Z,13nm,1.5s	iPP	PP	01 01 28.4 -3.4
P23K	Montague Island	96.80 330	P	00 57 34.0 -0.4
I26K	Coal Creek Min	96.83 336	P	00 57 34.2 -0.3
E28M	Babbage River	96.84 340	P	00 57 34.0 -0.4
G27K	Doyon Strip	96.84 338	P	00 57 34.1 -0.4
DAG	Danmarks Havn	96.88 11	iP	00 57 33.5 -1.0
DAG		IAMB	IAMB	00 57 35.5
D28M	Stokes Point	96.89 341	P	00 57 35.0
PAX	Paxson	96.93 334	P	00 57 34.7 -0.4
RIDG	Independent Ri	96.94 334	P	00 57 35.1
M24K	Tolsona, Gnn	96.94 333	P	00 57 35.6
GLI	Glacier Island	96.95 331	P	00 57 34.6 -0.5
KBA	Koelbreinsper	97.02 43	iP	00 57 34.1 -1.8
KBA	comp=Z,5.5nm,0.8s	iPP	pP	00 58 22.9 -3.8
KBA	comp=Z,7.1nm,1.5s	iPP	PP	01 01 30.1 -4.5
CADS	Cadrg	97.06 44	iP	00 57 35.5 -0.4
CADS		ePP	pP	00 58 27.5 +0.8
CADS		ePP	pP	01 01 31.8 -3.0
CADS		eSKS	SKS	01 07 53.4 -0.5
CADS		eSS	SS	01 10 04.8 +0.6
MYKA	Terra Mystica	97.10 44	iP	00 57 35.5 -0.7
MYKA	comp=Z,8.7nm,0.9s	iPP	pP	00 58 23.0 -3.9
MYKA	comp=Z,13nm,1.8s	iPP	PP	01 01 32.6 -2.5
NKC	Novy Kostel	97.27 40	eP	00 57 36.6 -0.2
NKC		eP	P	01 07 56.3 -0.2
NKC	Novy Kostel	97.27 40	eP	00 57 36.3 +0.2
NKC		eSKS	SKS	01 07 56.3 +1.5
K24K	Donnelly Dome	97.34 334	P	00 57 36.9 0.0
E27K	Coleen River	97.36 339	P	00 57 37.0 +0.2
SCM	Sheep Creek Mo	97.36 332	P	00 57 37.2 +0.1
BIOA	Bad Ischl, Aus	97.37 43	iP	00 57 36.3 -1.0
BIOA	comp=Z,9.9nm,1.0s,SNR=5.8	iPP	pP	00 58 24.7 -3.3
BIOA	comp=Z,5.6nm,1.5s	iPP	PP	01 01 34.6 -2.5
J25K	Salcha River	97.45 335	P	00 57 37.6 +0.2
M23K	Glacier View	97.53 332	P	00 57 37.7 0.0
MOZS	Moaljancra	97.55 44	iP	00 57 37.8 -0.4
MOZS		eSKS	SKS	01 07 55.5 -1.0
D27M	Malcolm River	97.57 340	P	00 57 38.2 +0.4
GBRS	Gornja Briga	97.61 45	iP	00 57 38.0 -0.5
G26K	Porcupine River	97.67 338	P	00 57 37.8 -0.4
OBKA	Obir	97.68 44	iP	00 57 38.3 -0.4
OBKA	comp=Z,0.9nm,0.5s	iPP	pP	00 58 26.1 -3.4
OBKA	comp=Z,17nm,2.0s	iPP	PP	01 01 37.1 -2.4
KHC	Kasperske Hory	97.69 41	P	00 57 38.1 -0.7
KHC	Kasperske Hory	97.69 41	eP	00 57 38.6 -0.2
KHC		eP	pP	00 57 38.6 -0.2
KHC		eP	pP	00 57 38.1 -0.7
KHC		eP	pP	01 07 53.2
GE2C	GERESS Array S	97.70 42	P	00 57 38.1 -0.7
GERES	GERESS Array B	97.70 42	P	00 57 38.2 -0.7
KNK	Knik Glacier	97.74 332	P	00 57 37.9 -0.7
DHY	Denali Highway	97.78 333	P	00 57 38.8 -0.1
WAT6	Susitna Watana	97.78 333	P	00 57 38.7 -0.3
SML	Sawmill	97.81 332	P	00 57 38.6 -0.4
SEW	Seward	97.81 330	P	00 57 38.5 -0.4
MOA	Molin	97.82 43	iP	00 57 38.5 -0.9
MOA	comp=Z,6.7nm,0.7s,SNR=6.5	iPP	pP	00 58 26.7 -3.4
MOA	comp=Z,12nm,1.3s	iPP	PP	01 01 38.4 -2.1
PRP	Porcupine Dome	97.83 336	P	00 57 39.2 +0.1
CLL	Collin	97.88 39	iP	00 57 39.4 -0.1
CLL		eP	pP	01 07 56.0
CLL	comp=Z,19nm,1.5s	iPP	pP	00 57 39.4 -0.1
CLL	comp=Z,19nm,1.5s	iPP	pP	00 58 30.6 +0.5
CLL	comp=Z,22nm,1.5s	iPP	pP	00 57 39.4 -0.1
CLL		eSKS	SKS	01 07 56.0 -1.8
CLL		eSP	SP	01 10 11.0 -1.8
CLL		ePPS	PPS	01 11 25.0 -0.6
CLL		eSSS	SSS	01 15 34.0 -0.6
CLL		eSSS	SSS	01 19 18.0 -0.6
CLL		eSSS	SSS	01 22 36.0 -0.6
HDA	Harding Lake	98.03 335	P	00 57 39.8 0.0
SOKA	Soboth	98.04 44	eP	00 57 40.4 -0.1
SOKA	comp=Z,1.3nm,0.6s	iPP	pP	00 58 27.8 -3.3
SOKA	comp=Z,1.5nm,0.6s	ePP	PP	01 01 39.4 -2.9
F26K	Gheenyek River	98.07 338	P	00 57 40.5 +0.5
CKRC	Cesky Krumlov	98.08 42	eP	00 57 39.7 -0.8
CKRC		eP	P	01 07 57.0 -0.8
CKRC	Cesky Krumlov	98.08 42	eP	00 57 39.7 -0.8
CKRC		eP	x	01 07 57.0 -0.8
ILAR	Eielson Array	98.12 335	P	00 57 40.2 0.0
ILAR	comp=Z,3.6nm,0.8s,SNR=3.1,SNR=3.5	iPP	pP	00 57 40.2 0.0
ILAR	comp=Z,0.6nm,0.7s,SNR=2.79,slow=3.1,SNR=5.7	iPP	pP	01 14 12.3 -2.6
ILAR	comp=Z,3.6nm,0.8s	iPP	pP	00 57 40.0 -0.3
BMAR	Burnt Mountain	98.13 338	P	00 57 40.9 +0.5
ZVC	Zvikov	98.16 41	eP	00 57 40.5 -0.3
WAT1	Susitna Watana	98.22 333	P	00 57 40.7 -0.1
RC01	Rabbit Creek A	98.24 331	P	00 57 40.9 0.0
BRSE	Bradley Lake S	98.33 330	P	00 57 41.1 -0.2
POKR	Poker Plate Res	98.45 335	P	00 57 41.9 +0.1

G25K	Bearman Lake	98.47 337	P	00 57 42.8 +1.0
ARSA	Arzberg	98.50 43	iP	00 57 41.6 -0.8
ARSA	comp=Z,2.6nm,0.7s	iPP	pP	00 58 29.7 -3.5
ARSA	comp=Z,6.0nm,1.3s	ePP	PP	01 01 43.4 -2.3
PRU	Pruhonice	98.51 41	eP	00 57 42.1 -0.2
PRU		eP	P	00 57 42.1 -0.2
COLA	College	98.55 335	P	00 57 42.1 0.0
COLA	College	98.55 335	iP	00 57 41.8 -0.3
F25K	Chien River	98.57 338	P	00 57 42.9 +0.6
M22K	Willow	98.60 332	P	00 57 42.3 -0.1
C27K	Jago River	98.61 340	P	00 57 43.1 +0.8
MCK	McKinley	98.65 334	P	00 57 42.8 +0.1
E25K	Arctic Village	98.72 339	P	00 57 43.7 +0.7
HOM	Homer	98.75 330	P	00 57 44.3 +1.1
CAPN	Captain Cook N	98.81 331	P	00 57 43.9 +0.5
CUT	Chulitna	98.85 332	P	00 57 43.3 -0.3
CUT	Chulitna	98.85 332	P	00 57 43.4 -0.1
H24K	Noodor Dome	98.85 336	P	00 57 43.7 +0.2
CONA	Conrad Observa	98.88 43	eP	00 57 43.6 -0.6
CONA	comp=Z,12nm,1.8s	iPP	pP	00 58 31.2 -3.7
CONA	comp=Z,8.2nm,1.4s	iPP	PP	01 01 45.6 -3.1
OHAK	Old Harbor	98.96 327	P	00 57 43.9 -0.2
NEA2	Nemana	98.96 335	P	00 57 43.7 -0.3
G24K	Hadweencic Riv	98.96 337	P	00 57 44.4 +0.4
C26K	Camden Bay	99.11 340	P	00 57 45.2 +0.7
L22K	Petersville	99.11 332	P	00 57 44.5 -0.2
RONA	Rosalia, Austr	99.11 43	iP	00 57 45.0 -0.1
RONA	comp=Z,6.2nm,0.9s	iPP	pP	00 58 32.0 -3.9
RONA	comp=Z,4.3nm,1.2s	ePP	PP	01 01 47.0 -3.4
TRF	Thorfare Moun	99.15 333	P	00 57 44.8 -0.3
I23K	Minto, Yukon-K	99.24 335	P	00 57 45.3 +0.1
SII	Sitkinak Island	99.27 326	P	00 57 45.6 0.0
SKT	Skwentna	99.31 332	P	00 57 45.2 -0.4
O20K	Slope Mountain	99.34 330	P	00 57 45.1 -0.7
F24K	Squaw Lake	99.37 338	P	00 57 46.5 +0.7
NOA	NORSAR Array B	99.39 29	LR	01 38 41.6
D25K	Kavik River	99.40 340	P	00 57 46.2 +0.3
KRUC	Moravsky	99.48 42	eP	00 57 46.2 -0.5
KRUC		eP	P	00 58 37.6
H23K	Yukon River	99.51 336	P	00 57 46.1 -0.4
UPC	Upeice	99.55 40	eP	00 57 46.6 -0.4
UPC		eP	P	01 08 05.6
UPC	Upeice	99.55 40	eP	00 57 46.6 -0.4
UPC		eSKS	SKS	01 08 05.6 -0.6
Q19K	Cape Douglas,	99.56 329	P	00 57 46.8 -0.1
CHVC	Chivalec	99.59 40	eP	00 57 46.8 -3.4
CHVC		eP	P	00 57 46.8 -3.4
BPWR	Bear Paw Mtn.	99.63 334	P	00 57 46.8 -0.2
VRAC	Vranov	99.66 42	eP	00 57 47.2 -0.3
VRAC		eP	P	00 58 39.4
OSTC	Ostas	99.69 40	eP	00 57 47.1 -0.5
OSTC	Ostas	99.69 40	eP	00 57 47.1 -0.5
DPC	Dobruska-Polom	99.71 40	eP	00 57 47.7 0.0
DPC		eP	P	01 08 05.6
DPC	Dobruska-Polom	99.71 40	eP	00 57 47.7 0.0
DPC		eSKS	SKS	01 09 05.6 -1.5
E24K	Your Creek	99.75 338	P	00 57 47.5 0.0
MLY	Manley	99.77 335	P	00 57 47.5 -0.2
KSP	Ksiaz	99.79 40	eP	00 57 48.6 +0.6
PPLA	Purkypyle	99.84 333	P	00 57 48.1 0.0
CHIR	Chirikof Island	99.89 325	P	00 57 48.0 -0.3
MODS	Modra-Piesok	99.90 43	eP	00 57 48.2 -0.4
MODS		eP	P	00 58 42.9
G23K	Bananza Creek	99.94 337	P	00 57 48.2 -0.2
M20K	Styx River	100.02 332	P	00 57 48.6 -0.3
CHUM	Lake Minchum	100.14 334	P	00 57 48.7 -0.6
E23K	Chandalar	100.15 338	P	00 57 49.3 0.0
D24K	Happy Valley	100.18 339	P	00 57 49.2 -0.1
O19K	Port Alsworth	100.19 330	P	00 57 49.3 -0.2
H22K	Ishlathina Cre	100.25 336	P	00 57 49.6 -0.2
TOLK	Toolik Lake Re	100.30 339	P	00 57 49.3 -0.6
C24K	Franklin Bluff	100.30 340	P	00 57 49.5 -0.3
MORC	Moravsky Berou	100.36 41	eP	00 57 50.7 +0.1
MORC		eP	P	00 58 42.2
MORC		eP	P	01 01 54.1
HFS	Hagfors	100.36 30	PP	01 01 58.2 -1.2
N19K	Bonanza Creek	100.41 330	P	00 57 49.9 -0.7
MAUC	Maruska	100.46 42	eP	00 57 51.8 +0.7
MAUC		eP	P	01 08 11.0
O18K	Koktuh Hills	100.55 329	P	00 57 50.9 -0.3
H21K	Melozitna River	100.77 335	P	00 57 51.6 -0.4
D23K	Nanushuk River	100.77 339	P	00 57 51.4 -0.6
K20K	Telida	100.78 333	P	00 57 51.3 -0.8
GKP	Gotik Klastor	100.86 38	eP	00 57 47.4 -5.2
L19K	White Mountain	100.88 332	P	00 57 52.1 -0.5
F22K	John River	100.95 337	P	00 57 53.1 +0.2
C23K	Iklikil River	100.97 340	P	00 57 52.7 -0.1
E22K	Anaktuvuk Pass	100.97 338	P	00 57 52.5 -0.4
J20K	Novinta River	100.99 334	P	00 57 52.2 -0.8
P17K	Kvichak River	101.03 328	P	00 57 53.0 -0.2
N18K	Kilae Creek	101.05 330	P	00 57 52.5 -0.9
M18K	Stony River	101.18 331	P	00 57 52.9 -1.1
G21K	Allakaket	101.24 336	P	00 57 54.2 +0.1
I20K	Naaghedeneel	101.26 334	P	00 57 53.8 -0.4
F21K	Alatina River	101.38 337	P	00 57 54.9 +0.2
O17K	Koiganek Bris	101.47 329	P	00 57 55.0 -0.3
H20K	Anotleneega Mo	101.57 335	P	00 57 55.6 0.0

J19K	Pooman	101.59 333	P	00 57 55.5 -0.2
N17K	Nushagak Hills	101.65 330	P	00 57 56.0 0.0
L18K	Granite Mounta	101.73 331	P	00 57 56.4 0.0
P16K	Nushagak River	101.78 328	P	00 57 56.7 +0.1
E21K	Kilikil River	101.82 338	P	00 57 57.1 +0.4
OJC	Ojcow	101.87 41	eP	00 57 57.9 +0.6
CHNA	Chernabura Isl	101.92 324	P	00 57 57.6 +0.3
M17K	Hoitina River	101.93 331	P	00 57 57.4 +0.2
O16K	Kokwok River B	101.93 329	P	00 57 57.4 +0.1
B22K	Teshchuk Lake	102.02 340	P	00 57 57.9 +0.5
NIE	Niedzica	102.06 42	eP	00 57 59.3 +1.1
S14K	Fog Glacier	102.14 325	P	00 57 58.7 +0.3
F20K	Avaraart Lake	102.21 336	P	00 57 59.0 +0.7
H19K	Roundabout Mou	102.22 335	P	00 57 58.9 +0.5
C21K	Knifblade Rid	102.25 339	P	00 57 58.6 0.0
GCSA	Galena City Sc	102.26 334	P</	

Table with columns for station name, frequency, power, and other technical details. Includes stations like MNK, KIEV, SPIA, PURM, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like UMZA, ASUD, FAQ, NAZ, ALNE, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BTK, KBL, EKSZ, SGDS, etc.

2020 MAY

3d 2h

Table with multiple columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like ISP Isparta, ORTH Orthones_Zaky, and many others across various frequencies.

TYC Yuchr	0.97 314	JP	Pn	03 24 58.5 +0.9	NTC Toucheng	1.63 7	eP	Pn	03 25 07.9 +1.3	comp=E,2um,0.8s	MCO Taipa Grande	7.53 263	P	Pn	03 26 28.0 +0.4
TYC		S	Sn	03 25 10.6 +0.3	EGS	1.63 10	eS	Sn	03 25 08.1 +1.5		SSE Sheshan	7.85 357	P	Pn	03 26 32.5 +0.6
ETLH Xiulin Townshi	0.98 352	P	Sn	03 24 57.4 -0.5	EGS		eS	Sn	03 25 08.1 +1.4		SGE Tagaytay City	9.10 184	P	Pn	03 26 02.3 +2.9
WFL Pulli Township	0.99 322	JP	Sn	03 24 58.5 +0.7	HSN1 Hsinchu	1.64 340	eS	Sn	03 25 29.1 +2.5		comp=E,1.105nm,0.3s,baz=301,slow=4,SNR=8.8		S	Pn	03 26 51.6 +2.4
CH91 Nanshi	1.01 268	JP	Sn	03 24 58.5 +0.7	SBCB Hsinchu	1.66 340	JP	Sn	03 25 29.5 +2.3		SGE		S	Sn	03 28 35.2 +4.8
CHN1 Guoxing	1.02 322	JP	Sn	03 24 59.2 +0.8	HSN Hsinchu	1.66 339	eP	Sn	03 25 09.0 +1.8		TDY		S	Sn	03 30 32.5
SSD Sandimen	1.03 242	JP	Sn	03 24 58.6 +0.3	HSN Yonagunijimaku	1.72 45	iP	Sn	03 25 08.8 +2.1		TDY		S	Sn	03 30 32.5
SSD		S	Sn	03 25 13.3 +1.6	JYNG		A	Sn	03 25 08.8		comp=E,2um,20.7s,baz=44,slow=38		S	Sn	03 26 48.0 -1.3
SNST Tainan City	1.04 270	JP	Sn	03 24 59.7 +1.2	JYNG		A	Sn	03 25 09.2 +1.1		comp=E,1um,1.0s		S	Sn	03 26 49.1 -0.3
TSMG Meilia	1.04 240	JP	Sn	03 24 59.7 +1.2	JYNG		A	Sn	03 25 09.2 +1.1		comp=E,1um,1.0s		S	Sn	03 28 27.9 -2.9
TKW Hsiinying	1.02 272	JP	Sn	03 24 59.7 +1.1	TATO Taipei	1.74 356	P	Sn	03 25 10.2 +2.0		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
TKW		S	Sn	03 25 13.4 +1.3	TATO Taipei	1.74 356	P	Sn	03 25 10.2 +2.0		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
WCS Beigang Elemen	1.05 322	JP	Sn	03 24 59.4 +0.8	TATO Taipei	1.74 356	P	Sn	03 25 10.2 +2.0		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
FUSS Fushou	1.07 341	P	Sn	03 24 59.6 +0.4	TATO Taipei	1.74 356	P	Sn	03 25 10.2 +2.0		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
WG4 Gukeng	1.08 295	JP	Sn	03 25 04.0 +1.4	TATO Taipei	1.74 356	P	Sn	03 25 10.2 +2.0		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
WGK		S	Sn	03 25 14.0 +1.3	TATO Taipei	1.74 356	P	Sn	03 25 10.2 +2.0		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
WNT Mingjian	1.08 307	JP	Sn	03 25 00.5 +1.4	TATO Taipei	1.74 356	P	Sn	03 25 10.2 +2.0		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
WNT		S	Sn	03 25 15.0 +2.2	TWA Mucha	1.75 359	eP	Sn	03 25 09.3 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
EHP Heping Village	1.08 6	eP	Sn	03 24 59.3 +0.2	TWA		eS	Sn	03 25 09.3 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
EHP		S	Sn	03 25 13.0 0.0	TIFB Shuangxi	1.75 6	eS	Sn	03 25 09.3 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
EOS4 EOS4	1.09 36	eS	Sn	03 24 59.4 +0.5	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
EOS4		S	Sn	03 25 12.8 +0.2	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
SCST Cishan	1.09 252	JP	Sn	03 25 10.3 +2.0	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
SCST		S	Sn	03 25 15.2 +2.0	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
TAW Tawu	1.10 218	P	Sn	03 24 58.8 -0.4	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
TAW		S	Sn	03 25 11.9 -1.3	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
CHM2 Minshiang	1.10 286	JP	Sn	03 25 00.6 +1.3	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
WDLH Douliou	1.10 295	JP	Sn	03 25 15.0 +1.8	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
WDLH		S	Sn	03 25 00.8 +1.5	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
WNT1 Nantou City	1.10 308	JP	Sn	03 25 14.9 +1.6	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
WNT1		S	Sn	03 25 13.5 +1.1	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
SHST Mashibuluo	1.10 236	JP	Sn	03 25 13.5 +1.1	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
MASBT		S	Sn	03 25 00.3 +0.8	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
TWT Tachien	1.10 338	JP	Sn	03 25 13.0 -0.6	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
TWT		S	Sn	03 24 59.4 0.0	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
EAHA Aohua	1.10 6	JP	Sn	03 25 12.7 -0.7	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
EAHA		S	Sn	03 25 00.2 +0.7	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
TAW Anshuo	1.10 221	JP	Sn	03 25 12.8 -0.9	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
DCB Tech1	1.11 337	JP	Sn	03 25 07.1 +3.3	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
DCB		S	Sn	03 25 15.6 +2.1	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
WDL Douliou City	1.11 296	eP	Sn	03 24 59.1 -0.5	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
WDL		S	Sn	03 25 17.8 +1.4	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
TAWH Dawu Township	1.11 218	JP	Sn	03 25 02.2 +1.2	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
CHY Chiayi	1.13 284	JP	Sn	03 25 02.2 +1.2	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
CHY		S	Sn	03 25 02.2 +1.2	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
SGLT Jiouru	1.16 245	eP	Sn	03 25 02.1 +2.7	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
SGLT		S	Sn	03 25 19.1 +4.4	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
CHN3 Shinhua	1.17 263	JP	Sn	03 25 02.7 +2.4	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
CHN3		S	Sn	03 25 02.7 +2.4	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
WWF Wufeng	1.17 314	JP	Sn	03 25 02.7 +2.4	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
TSPT Pingtung City	1.18 242	eP	Sn	03 25 02.1 +2.7	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
TWM1 Shoushan	1.18 250	JP	Sn	03 25 19.7 +4.4	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
TWM1		S	Sn	03 25 02.7 +2.4	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
LAY Lan-yu	1.19 183	JP	Sn	03 25 02.7 +2.4	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
LAY		S	Sn	03 25 02.7 +2.4	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
SHHT Tainan City	1.19 260	JP	Sn	03 25 01.0 +0.3	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
ENA Nanau	1.20 5	eP	Sn	03 25 15.8 +1.6	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
ENA		S	Sn	03 25 02.2 +1.2	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
WYL Yuanlin Townsh	1.20 308	JP	Sn	03 25 02.2 +1.2	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
WYL		S	Sn	03 25 11.3 +0.8	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
WYL Datong	1.22 350	JP	Sn	03 25 02.2 +1.2	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
NNGB		S	Sn	03 25 02.2 +1.2	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
NNSB Taichung City	1.22 329	JP	Sn	03 25 02.2 +1.2	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
WHP		S	Sn	03 25 18.8 +1.7	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
LYUB Lan-yu	1.22 182	JP	Sn	03 25 02.2 +1.2	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
WTK		S	Sn	03 25 02.2 +1.2	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
WTK		S	Sn	03 25 02.2 +1.2	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 26 49.1 -0.3
SSPT Xinbi	1.22 233	JP	Sn	03 25 02.2 +1.2	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1		comp=E,1um,0.7s		S	Sn	03 28 27.9 -2.9
NNS Nan Shan	1.23 349	JP	Sn	03 25 01.6 +0.7	YOJ Yonaguni jima	1.77 46	P	Sn	03 25 09.5 +1.1						

2020 MAY

Table with columns: ID, Station Name, Frequency, Power, and other technical details. Includes stations like Diamantina, Serra Nova Dou, Las Campanas, etc.

Table with columns: ID, Station Name, Frequency, Power, and other technical details. Includes stations like Keset, KSHST, KSHST, etc.

Table with columns: ID, Station Name, Frequency, Power, and other technical details. Includes stations like MRZ, PRWZ, AKCZ, etc.

IDC 03:24:41.0-1.1, 34.705N:25.71E, h0km, mb3.6/8, mbmp3.6/18, ML3.5/7, Error ellipse: s-maj=21.5km s-min=15.6km az=14.0

ATH 03:24:42.8-0.8, 33.94N:25.71E, h10km, ML3.1/7, Latitude uncertainty: 5 km; Longitude uncertainty: 3 km

GII 03:24:46.7-0.0, 33.504N:0.002-26.076E:0.001, h0km, MWS3.5, conf=100%

IDE 03:24:48.9, 34.705N:2.6E, h16km, 14km, M2.77, ML2.7/7

AFAD 03:24:55.1, 34.818N:26.41E, h7km, gkm, ML2.6

ISC 03:24:43.7-0.8, 34.010N:0.06-25.74E:0.05, h17km, n78, c=230/100, mb3.4/7, Crete

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, and other details. Lists numerous stations like ZKR, SITA, NPS, etc.

ASAF Jabal al Asfar 9.54 98 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

VAE Valguarnera 9.84 294 Pn 7.5nm, 0.9s, bazz=120, slow=20, SNR=1.7

ABTA Abfaltersbach 16.20 326 ePn 2.6nm, 0.6s, bazz=120, slow=15, SNR=1.7

BIOA Badochi, Aus 16.42 330 ePn 2.6nm, 1.1s

KBZ Khabaz 16.48 49 Pn 0.1nm, 0.3s, bazz=260, slow=7.3, SNR=4.9

LESA Schwarzleotol 16.63 328 ePn 3.4nm, 0.9s

VRAC Vranov 16.72 339 Pn 0.1nm, 0.3s, bazz=156, slow=10.0, SNR=2.7

AKASG Malin Array Be 16.87 8 Pn 0.5nm, 0.4s, bazz=203, slow=11, SNR=6.7

WTTA Waltenberg 16.99 325 ePn 6.0nm, 1.5s

WATA Walderalm 17.07 325 i Pn 3.8nm, 1.0s

SQTA Sankt Quirin 17.16 325 ePn 3.0nm, 0.8s

FETA Feichten 17.25 323 ePn 4.2nm, 1.4s

MOTA Moosalm 17.30 325 i Pn 4.0nm, 1.0s

GERES GEISS Array B 17.32 332 Pn 0.5nm, 0.6s, bazz=153, slow=9.0, SNR=6.3

DAVOX Davos/Dischmat 17.52 321 Pn 0.1nm, 0.3s, bazz=121, slow=5.9, SNR=3.8

RETA Retz 17.56 324 ePn 2.8nm, 1.3s

ESDC Sonseca Array 24.37 292 P 2.0nm, 0.5s, bazz=82, slow=9.2, SNR=6.9

HFS Hagfors 27.30 347 P 0.6nm, 0.7s, bazz=133, slow=12, SNR=1.3

FINES FINES Array B 27.45 0 P 1.2nm, 0.8s, bazz=175, slow=19, SNR=5.3

EKA Eskdalemuir Ar 29.25 326 P 1.1nm, 0.4s, bazz=116, slow=7.7, SNR=4.9

TORD Torodi Ar. Bea 30.14 232 P 0.2nm, 0.5s, bazz=33, slow=7.7, SNR=5.9

BVAR Borovoye Array 36.80 45 Pn 0.8nm, 0.5s, bazz=273, slow=8.5, SNR=5.4

SPITS Spitsbergen Ar 44.45 357 P 5.3nm, 0.9s, bazz=161, slow=8.8, SNR=4.1

YKA Yellowknife Ar 78.68 342 P 0.2nm, 0.6s

NEIC 03:31:50.9-0.9, 42.84S:0.06-175.8E:0.1, h10km, 2km, mb4.0/4, Error ellipse: s-maj=16.9km s-min=3.0km az=124.0

NOU 03:31:50.6, 42.75S:175.66E, h0km, MLV4.6/21, Off E, East of S. Island, N.Z.

WEL 03:31:51.7, 42.49S:177.6E:1.7, h33km, M4.6/94, ML4.1/19, MLV4.6/94, Error ellipse: s-maj=5.1km s-min=3.6km az=129.3

ISC 03:31:50.2-2.2, 42.91S:0.04-175.86E:0.05, h14km, 13km, n223, i1909/236, mb4.2/3, Off east coast of South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and other details. Lists stations like PLWZ, TRWZ, MSWZ, etc.

MRZ Matariki Terra 2.75 302 P 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

PRWZ Pororo 2.35 2 P 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AKCZ Akaroa Harbour 2.36 245 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

AMCZ Amberley 2.37 262 Pn 0.2nm, 0.3s, bazz=270, slow=15, SNR=2.4

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like DCZ Deep Cove, APZ The Paps, WCZ Waipu Caves, etc.

SDD 03:35:54.7±1.7, 17.87N:66.71W, h12km±28km, MD2.9, ML2.7, MVW2.8, Presumed earthquake Hypocentre not reviewed by the ISC

NEIC 03:35:55.2±1.0, 17.94N:0.03:66.68W±0.01, h10km±17km, ML2.9/3.3, Md3.1/2.0(RSPF), Error ellipse: s-maj=5.8km s-min=2.5km az=354.0

OSPL 03:35:55.6±0.4, 17.90N:66.70W, h1km±999km, ML3.6, Presumed earthquake

RSRP 03:35:55.6, 17.97N:66.71W, h9km, MD3.1/2.0, ISC 03:35:55.2±1.1, 17.95N:0.04:66.69W±0.02, h10km±6km, n46, c055/61, 10C-11B, Puerto Rico region

Main table of station data for Puerto Rico region, including OBIP Obispado Ponce, CRPR Cabo Rojo, SJG San Juan, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like DHSZ Broadband at M, SKI Saint Kitts, MMLZ Guadeloupe Bro, etc.

IDC 03:04:42.6±1.3, 34.97N:26.09E, h0km, mb3.4/4, mbtmp3.2/8, ML3.1/3, MS4.2/2, Error ellipse: s-maj=28.1km s-min=10.7km az=8.0

ISC 03:04:44.9±0.9, 35.05N:0.1:25.88E±0.07, h20km, n11, c095/10, mb3.2/3, Crete

Table of station data for Crete region, including ANWB Willy Bob, MAGL Garre de l'île, GERES GERES Array B, etc.

IDC 03:04:00:53.7±1.1, 15.77N:147.98E, h0km, mb3.5/9, mbtmp3.5/9, Error ellipse: s-maj=44.7km s-min=21.9km az=94.0

ISC 03:04:00:58.9±1.1, 15.83N:0.1:148.0E±0.3, h35km, n10, c078/10, mb3.3/6.9, Mariana Islands region

Table of station data for Mariana Islands region, including MJAR Matsushiro Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

SKHL 03:04:20:08.4±0.3, 43.70N:149.00E, h30km±9km, mb4.9/4, NIED 03:04:20:09.9, 44.13N:148.77E, h30km, MW4.0, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm; Mn:0.85; Mw:0.29; Mx:1.14; My:0.28; Mz:0.38; Mr:0.30; Fault plane solution: M1:1400x1015 NP1: φs175.00000°, δ39.00000°, λ61.00000°. NP2: φs30.00000°, δ57.00000°, λ111.00000°

MOS 03:04:20:10.3±1.1, 44.14N:148.60E, h24km, mb4.5/13 Error ellipse: s-maj=9.7km s-min=8.2km az=92.5

NEIC 03:04:20:12.8±1.2, 43.93N:0.1:148.7E±0.1, h35km±2km, mb4.4/37, Error ellipse: s-maj=22.2km s-min=14.1km az=151.0

IDC 03:04:20:18.8±3.2, 44.59N:148.67E, h68km±29km, mb3.6/17, mbtmp3.8/20, ML2.8/3, MS3.3/7, Error ellipse: s-maj=24.6km s-min=16.1km az=163.0

ISC 03:04:20:10.2±0.8, 43.839N:0.08:148.73E±0.06, h21km±4km, n141, c1944/136, mb4.3/50, MS3.6/3, 11C-3D, East of Kuril Islands

Table of station data for East of Kuril Islands, including SHO Shikotan, SHO Shikotan, SHO Shikotan, etc.

Main table of station data for various regions, including YUK, YUK, YUK, etc., with columns for Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, and additional data like smax, smin, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like BODT Bodrum, BDRM Kayabasi, VLI Velia, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like AK13 Malin Array Si, AK10 Malin Array Si, AK05 Malin Array Si, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like SULTU, KORT Korkeuli, KORT Karahalli, USA, etc.

WEL 03 05:06:32.71.0.32'S 11.18'W 0.27, h442km, 19km, M4.2/10, mB4.6/10, ML4.5/10, MLv4.8/6, Mw(mB)3.7/10, Error ellipse: s-maj=37.7km s-min=7.8km az=109.8, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like GLKZ Green Lake, HAZ Ha Ka Ha, WCU Waipu Caves, etc.

JMA 03 05:13:06.9.0.0.36'2N:0.2'137.6E:0.1, h4km, 1km, MV3.2/20, HIDA MOUNTAINS REGION, JMA Felt I J1 at HIDA MOUNTAINS REGION, ISC 03 05:13:07.9.1.1.36'23N:0.04'137.64E:0.03, h10km, n11, c1940/14, SD, Eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like JGN Niukaw, JGN Tiaty, JNG Nsakai, etc.

TRN 03 05:13:08.2, 17.41N-60.70W, h43km, MD3.8, North-east of Antigua,, Leeward Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like ANWB Willy Bob, ANWB Broadband at M, DHSZ Barre de l'ile, etc.

IDC 03 05:13:09.6.3.51'83N:177.15W, h0km, mb3.3/4, mbtmp3.6/5, ML4.2/1, MS3.7/1, Error ellipse: s-maj=119.1km s-min=60.8km az=94.0, NEIC 03 05:13:42.4.1.1.52'2N:0.2'175.74W:0.09, h142km, 6km, mb3.6/9, ML3.6/10, ML3.4(AEIC), Error ellipse: s-maj=27.2km s-min=4.9km az=166.0, AEIC 03 05:13:43.6.1.1.52'0N:0.2'175.65W:0.10, h138km, 3km, Error ellipse: s-maj=24.6km s-min=5.1km az=163.0, ISC 03 05:13:41.7.0.8.52'2N:0.1'175.68W:0.05, h145km, 6km, n71, c0590/81, mb3.2/3, Andreanof Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Residual, and other parameters. Includes stations like GSIG Igitkin Island, GSIG Great Siskin T, GSTR Great Siskin T, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Karatay Array, Yellowknife Ar, and various other locations.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Malin Array Si, KIEV KIEV, BUR08 Bucovina Ar, and various other locations.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res. Includes stations like GAMI Galela, Maluku, WRA Warramunga Arr, and various other locations.

JMA 03 05:27:30.9, 0.4, 44°N, 1°14'E, h0km, MV4, 7/38, SE OFF ETOROFU

ICD 03 05:18:12.5, 1.3, 2°01'N, 125°24'E, h0km, mb3.8/7, mbmp3.8/7, MS3.9/2, Error ellipse: s-maj=178.2km

DJA 03 05:18:13.2, 0.4, 3°N, 4°12'E, h10km, M3.8/11, mb4.2/2, MLV3.6/12

ISC 03 05:18:13.1, 1.0, 2.7N, 0.3E, 126.7E, 0.2, h10km, n11, c107/9, mb3.9/7, Northern Molucca Sea

MOS Felt (II-III) at Gomyi.
 SKHL 03 05:27:32.9, 0.1, 44:10N:148:00E, h66km_z1km, mb5.2/4
 SKHL Felt (II-III) at Gomyi.
 IDC 03 05:27:33.5, 2.5, 44:16N:147:89E, h45km_z23km, mb3.6/22,
 mbmp3.9/27, ML3.5/5, MS3.3/3, ER ellipse:
 s-maj=19.0km s-min=13.5km az=156.0
 NEIC 03 05:27:33.1, 1.5, 44:07N:0:05:147:9E:0.1, h35km_z2km,
 mb4.3/48, ER ellipse: s-maj=17.4km s-min=3.0km
 az=120.0

ISC 03 05:27:32.5, 1.1, 44:10N:0:06:148:01E, h40km_z10km,
 n194, c1924/193, mb4.2/71, 5C-6D, Kuril Islands

Code	Station Name	Δ° AZ°	Phase ID	ISC	h m s	ISC	Time	Res
KUR	Kuril'sk	1.23 355	i/PN	eS	Pn	05 27 52.7	-0.5	
KUR	comp=Z,425nm,0.4s			pmax		05 28 07.5	-1.1	
KUR	comp=E,115nm,0.2s			smax				
KUR	comp=N,4μm,0.2s			smax				
KUR	comp=E,2μm,0.3s			smax				
KUR	Kuril'sk	1.23 355	eP	AMB	Pn	05 27 52.6	-0.6	
KUR	comp=E,610nm,0.3s			eS	Sn	05 27 54.8		
KUR	comp=E,2μm,0.4s			A	A	05 28 07.3	-1.3	
KUR	comp=E,3μm,0.4s			A	A	05 28 09.6		
REI	Reidoevø	1.26 0	eP	Pn	05 27 52.9	-0.7		
REI	Yuzh-Kuril'sk	1.55 272	d/i/PN	eS	Sn	05 28 08.0	-1.3	
YUK	comp=N,273nm,0.1s			pmax		05 27 57.3	-0.2	
YUK	comp=Z,1μm,0.1s			pmax		05 28 14.4	-2.0	
YUK	comp=N,2μm,0.3s			smax				
YUK	comp=N,4μm,0.4s			smax				
YUK	Yuzh-Kuril'sk	1.55 272	eP	AMB	Pn	05 27 57.3	-0.2	
YUK	comp=E,830nm,0.2s			eS	Sn	05 27 58.7		
YUK	comp=E,3μm,0.5s			A	A	05 28 18.9		
YUK	comp=E,6μm,0.5s			A	A	05 28 18.9		
NEM2	Nemuro 2	1.77 250	P	Pn	05 27 59.8	-0.7		
NMR	Nemuro-Hokkai	1.77 250	i/PN	Pn	05 27 59.8	-0.8		
NMR	Nemuro-Hokkai	1.77 250	i/S	Sn	05 28 21.3	-0.6		
NMR	Nemuro-Hokkai	1.77 250	i/S	Sn	05 28 21.7	-0.2		
GLVR	Golovinno	1.82 262	i/PN	Pn	05 28 01.5	+0.2		
GLVR	comp=Z,704nm,0.2s			pmax		05 28 22.7	-0.4	
GLVR	comp=E,4μm,0.3s			smax				
GLVR	comp=N,6μm,0.4s			smax				
GLVR	Golovinno	1.82 262	i/P	AMB	Pn	05 28 01.5	+0.2	
GLVR	comp=N,700nm,0.2s			i/S	Sn	05 28 03.4		
GLVR	comp=N,6μm,0.3s			A	A	05 28 26.0		
RUSJ	Misakichio	2.00 274	i/PN	Pn	05 28 04.5	+0.9		
JRA	Nausu	2.09 269	i/S	Pn	05 28 28.2	+0.8		
JRA	Nemuroshibetsu	2.19 265	eS	Pn	05 28 05.9	+0.6		
JKNH	Kushirohama	2.27 247	eP	Pn	05 28 12.1	+0.0		
JKNH	Nakash	2.42 261	eP	Pn	05 28 09.9	+0.4		
JAK	Akkeshi	2.51 248	eP	Pn	05 28 10.7	0.0		
JAK	Akkeshi	2.61 248	P	Pn	05 28 12.1	0.0		
JAK	comp=E,3.0nm,1.2s			eS	Sn	05 28 12.1		
JTKR	Abashiri-Toko	2.96 271	P	Pn	05 28 42.4	-0.2		
JAR	Ashorobuto	3.16 259	P	Pn	05 28 18.2	+1.3		
JAR	Onbets	3.23 252	P	Pn	05 28 20.9	+1.2		
JMP	Maruseppu	3.36 272	P	Pn	05 28 57.7	+1.7		
JCH	Churui	3.87 249	P	Pn	05 28 21.5	+0.8		
JJK2	Kamakawa 2	3.90 270	eP	Pn	05 28 21.5	+0.8		
JKA	Kamikawa-asahi	3.90 274	PN	Pn	05 28 29.9	0.0		
ASAJ	Asahikawa	3.90 274	eP	Pn	05 28 29.9	0.0		
ASAJ	Asahikawa	3.90 274	eP	Pn	05 28 32.4	+2.5		
JSE	Soyas	4.03 260	P	Pn	05 28 34.1	+3.0		
JFR	Furan	4.22 248	P	Pn	05 28 35.2	+1.1		
JNBK	Urakawa-nobuka	4.22 248	P	A	05 28 35.2	+1.1		
JNBK	comp=N,2.0nm,2.2s,comp=E,3.0nm,0.8s			A	A	05 28 37.4		
JSHD	Hidakasinhidu	4.36 250	A	A	05 28 37.4			
JSS	Shosan	4.45 277	eP	Pn	05 28 41.2	+3.9		
JWK2	Keihoku	4.55 289	eP	Pn	05 28 43.5	+4.7		
YSS	Yuzhno-Sakhali	4.73 310	eP	Pn	05 28 40.8	-0.3		
YSS	Yuzhno-Sakhali	4.73 310	ePN	Pn	05 28 42.6	+1.4		
YSS	comp=Z,30nm,0.6s			pmax		05 29 36.1	+1.4	
YSS	comp=N,30nm,0.7s			smax				
YSS	comp=E,40nm,0.8s			smax				
YSS	comp=Z,300nm,13.0s			MLR	MLR			
YSS	Yuzhno-Sakhali	4.73 310	eP	Pn	05 28 42.4	+1.2		
JEW	Eniwo	4.92 259	eP	Pn	05 28 33.8	-0.9		
JTM	Tenmabayashi	6.06 240	P	Pn	05 28 47.2	+3.3		
TYV	Tymovskii	7.76 334	eP	Pn	05 28 59.5	0.0		
TEY	Ternei	8.22 281	ePN	Pn	05 29 23.7	+0.9		
SKR	Severo-Kuril's	8.65 37	eP	Pn	05 29 35.1	+6.0		
SKR	comp=Z,6.0nm,1.0s			pmax		05 29 32.9	-2.1	
SKR	Severo-Kuril's	8.65 37	eP	Pn	05 29 35.4	+0.4		
PAU	Sauzetka	9.53 35	eP	Pn	05 29 47.1	+1.1		
NKL	Nikolayevsk	10.35 335	eP	Pn	05 29 58.8	+0.6		
MJAO	Matsu Arr-Jizo	10.54 228	ePN	Pn	05 30 02.6	+1.7		
MJB9	Matsu-Tunnel	10.56 228	Pn	Pn	05 30 01.8	+0.6		
MAJO	Matsushiro	10.56 228	Pn	Pn	05 30 01.8	+0.6		
MAJO	Matsushiro	10.56 228	PN	Pn	05 30 01.8	+0.6		
MJAR	Matsushiro Arr	10.56 228	P	Pn	05 30 01.7	+0.5		
MJAR	comp=Z,0.2nm,0.3s,baz=25,slow=14,SNR=16			S	Sn	05 31 51.4	-6.8	
MJAR	comp=Z,0.6nm,0.5s,baz=34,slow=40,SNR=1.2			LR	LR	05 34 36.8		
MJAR	comp=Z,112nm,19.7s,baz=8.5,slow=40,SNR=2.2			LR	LR			
MJAR	Matsushiro Arr	10.56 228	PN	Pn	05 30 01.5	+0.3		
PEAOB	Petrovlovsk-k	11.13 32	PN	Pn	05 30 09.4	+0.5		
PEAOB	Petrovlovsk-k	11.13 32	PN	Pn	05 30 09.4	+0.5		
PETK	Petrovlovsk-k	11.13 32	PN	Pn	05 30 09.3	+0.4		
PETK	comp=Z,7.8nm,0.3s			Pn	Pn	05 30 09.3	+0.4	
PETK	Petrovlovsk-k	11.13 32	PN	Pn	05 30 09.2	+0.2		
JGF	Kuroka	11.72 228	PN	Pn	05 30 18.2	+1.1		
INUJ	Inuyama	12.09 228	PN	Pn	05 30 23.0	+0.9		
KLR	Kul'dur	12.33 301	P	Pn	05 30 23.0	-2.3		
KLR	comp=Z,0.1nm,0.3s,baz=80,slow=17,SNR=3.8			LR	LR	05 34 44.1		
KLR	comp=Z,138nm,18.5s,baz=226,slow=35			LR	LR			
KSR5	Korea Array	16.55 254	P	Pn	05 31 20.8	-0.7		
KSR5	comp=Z,0.2nm,0.3s,baz=58,slow=12,SNR=5.5			Pn	Pn			
KSR5	comp=Z,1.7nm,0.9s			Pn	Pn			
KSR5	Korea Array	16.55 254	eP	Pn	05 31 26.2	+2.6		
JNU	Nakatsue	17.22 237	LR	LR	05 31 37.4	6.1		
HILR	Hailar Array B	20.07 296	P	Pn	05 32 01.6	-0.6		
HILR	comp=Z,96,slow=13			Pn	Pn			
TIA	Tai'an	24.77 262	P	P	05 32 50.9	+0.6		
TIA	comp=Z,1.2nm,19.7s,baz=8.5,slow=40,SNR=2.2			LR	LR			

GSTR	Great Sitkin T	25.13 58	eP	P	05 32 55.0	+1.5		
HHC	Hu-ho-hao-te	26.95 276	eP	P	05 33 11.8	+1.7		
HHC	comp=Z,10.0nm,0.7s			pmax				
H1N2	WAKE ISLAND Hy	28.90 141	T	T	06 03 53.5			
H1N1	WAKE ISLAND Hy	28.91 141	T	T	06 04 05.6			
H1N3	WAKE ISLAND Hy	28.91 141	T	T	06 03 52.9			
SOMN	Songio Array	28.95 292	P	P	05 33 27.7	-0.2		
SOMN	comp=Z,0.7nm,0.5s,baz=93,slow=9.5,SNR=2.7			Pn	Pn			
TIXI	Tiksi	29.24 348	P	P	05 33 29.0	-1.1		
TIXI	Tiksi	29.24 348	i/P	P	05 33 28.7	-1.3		
TIXI	comp=Z,12nm,3.1s			pmax				
H11S1	WAKE ISLAND Hy	29.88 142	T	T	06 05 08.6			
H11S3	WAKE ISLAND Hy	29.89 142	T	T	06 05 06.8			
H11S2	WAKE ISLAND Hy	29.90 142	T	T	06 05 08.4			
LZDM	Lanzhou Array	34.55 272	P	P	05 34 17.9	+0.5		
LZDM	comp=Z,1.7nm,0.3s,baz=70,slow=4.9,SNR=4.1			Pn	Pn			
O15K	Ungalkhiu	34.78 45	P	P	05 34 20.4	+1.7		
M16K	Timber Creek	35.31 42	IAMB	IAMB	05 34 24.4	+1.1		
M16K	comp=Z,7.7nm,1.4s			IAMB	IAMB	05 34 46.0		
O16K	Kokkok River B	35.67 45	P	IAMB	05 34 27.3	+0.9		
O16K	comp=Z,8.1nm,1.4s			IAMB	IAMB	05 35 00.3		
GT2A	Gaotai	35.87 280	eP	P	05 34 26.2	-2.3		
GT2A	comp=Z,5.0nm,1.1s			pmax				
H18K	Honhosa River	36.07 35	P	IAMB	05 34 30.7	+0.9		
H18K	comp=Z,6.1nm,1.3s			IAMB	IAMB	05 35 00.4		
H19K	Roundabout Bou	36.92 35	P	IAMB	05 34 38.1	+1.1		
H19K	comp=Z,3.3nm,0.8s			IAMB	IAMB	05 34 50.0		
J19K	Poorman	37.10 37	P	IAMB	05 34 39.9	+1.4		
J19K	comp=Z,4.2nm,0.9s			IAMB	IAMB	05 34 40.0		
O18K	Koktuh Hills	37.14 44	IAMB	IAMB	05 34 39.8	+0.8		
O18K	comp=Z,1.0nm,1.5s			IAMB	IAMB	05 34 46.3		
B20K	Meade River	37.53 27	IAMB	IAMB	05 34 43.5			
O19K	Cape Douglas	37.97 46	P	P	05 34 46.4	+0.4		
IMAR	Indian Mountai	38.08 34	P	IAMB	05 34 47.5	+0.7		
B21K	Ikpiqian River	38.31 28	IAMB	IAMB	05 34 50.6			
KD4K	Kodiak Island	38.62 48	P	P	05 34 51.4	+0.1		
KD4K	Kodiak Island	38.62 48	P	P	05 34 51.4	+0.1		
KD4K	comp=Z,1.4nm,1.2s			pmax				
NEA2	Nenana	39.98 37						

3d 5h

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Cerro Caljn, Universidad Ad, La Serena, etc.

GCG 03 05:41:35.6:1.8, 15.23N:93.46W, h35km, 999km, MD4.2, Presumed earthquake
MEX 03 05:41:35.2:0.6, 15.22N:93.64W, h56km, 11km, MD4.1, Presumed earthquake

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like PCIG, CARR, THIG, PATR, etc.

IDC 03 05:53:12.4:2.7, 33.79N:25.60E, h0km, mb3.6/6, mbmp3.5/11, ML3.1/5, Error ellipse: s-maj=52.3km s-min=19.7km az=39.0

THE 03 05:53:20.6, 34.1N:38.2E, 1.1, h5km, 31km, M2.6/6, ML2.6/6

ATH 03 05:53:23.3:0.8, 34.47N:25.67E, h10km, ML2.5/6, Latitude uncertainty: 5 km; Longitude uncertainty: 3 km

ISC 03 05:53:18.2:0.2, 34.17N:0.09:25.69E:0.05, h9km, 11km, n28, r1953/31, mb3.5/6, Cre

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like ZKR, MHLO, MHLO, BOT, etc.

2020 MAY

PDG 03 05:54:35.4:0.3, 34.06N:26.36E, h10km, 11km, ML4.9/12, Error ellipse: s-maj=52.7km s-min=59.5km az=0.0
MOS 03 05:54:40.8:1.0, 34.17N:25.87E, h14km, mb5.1/41, MS4.0/9, Error ellipse: s-maj=5.1km s-min=3.0km az=79.5

MCSM 03 05:54:41.2:0.7, 34.1N:25.91E:0.02, h18km, 1km, mb4.7, ML4.8, Mw(mB)4.0

NEIC 03 05:54:41.9:1.5, 34.12N:0.08:25.90E:0.06, h10km, 1km, mb4.9/271, Error ellipse: s-maj=12.9km s-min=8.1km az=192.0

GCMT 03 05:54:43.9:0.3, 34.12N:0.01:25.91E:0.02, h18km, 1km, MW4.9/101, Moment Tensor Solution, s32 c38; s101 c132; Duration: 0 Moment tensor: Scale 10^16Nm; Mn:1.07E-12; Mxx:2.33E-09; Myy:1.26E-08; Mzz:0.43E-18; Mxy:1.13E-07; Myx:1.23E-27; Best double couple; Mz2:6.3900x10^16 NP1:247.000000, 654.000000, 122.000000; NP2:143.000000, 872.000000, 142.000000

Principal axes: T 2.4660, Plg39.0000, Azm99.0000; N 0.3460, Plg48.0000, Azm302.0000; P -2.8110, Plg12.0000, Azm199.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function
IDC 03 05:54:44.3:2.3, 34.24N:99E, h25km, 16km, mb4.5/31, mbmp4.6/45, ML4.1/12, MS4.3/24 Error ellipse: s-maj=12.8km s-min=10.0km az=169.0

ISK 03 05:54:46.7, 34.30N:26.04E, h67km, ML4.5/27, THE 03 05:54:46.1, 34.1N:6.2E, h7km, 13km, M4.2/11, ML4.2/11

AFAD 03 05:54:46.2, 34.37N:26.08E, h7km, 6km, MW4.6, ATH 03 05:54:47.6, 1.0, 34.43N:25.92E, h18km, 6km, ML4.3/12, Latitude uncertainty: 4 km; Longitude uncertainty: 2 km

GII 03 05:54:47.8:0.0, 34.02N:0.002:26.467E:0.001, h0km, Mw=4.6, confirmed

ISC 03 05:54:44.1:0.9, 34.15N:0.03:25.95E:0.03, h27km, 6km, n1056, r1872/126, mb4.8/218, MS4.2/28, 51C-64D, Crete

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like ZKR, NPS, IACM, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like KNIK, MET6, MET4, CAEL, etc.

ALN Alexandroupoli	6.73	1	Pn	05 56 22.3 +1.2	UPM Unac-Piva	10.58 331	ePn	Pn	05 57 12.6 -1.4	KVAR Kislovodsk Arr	16.25 48	Pn	Pn	05 58 30.7 +0.2
ALN Alexandroupoli	6.73	1	P	05 56 22.3 +1.2	UPM Unac-Piva	10.58 331	l/Pn	Pn	05 57 11.6 -2.4	MOA Molin	16.25 331	/Pn	Pn	05 58 31.5 +1.1
EREN Erenkoy	6.89 76	Pn	Pn	05 56 25.2 +1.9	UPM		i/Sn	Pn	05 59 05.7 -6.0	KBZ Khabaz	16.26 49	Pn	Pn	05 58 31.3 +0.8
SLFK Silifke-Mersin	6.91 69	Pn	Pn	05 56 25.2 +1.9	KLINJ Kljinje	10.68 330	ePn	Pn	05 57 13.2 -2.2	KBZ Khabaz	16.26 49	Pn	Pn	05 58 31.3 +0.8
SVRH Sivrihisar-ESK	6.92 39	Pn	Pn	05 56 24.8 +1.0	RUDO Rudo	10.75 333	ePn	Pn	05 57 13.5 -2.7	KBZ Khabaz	16.26 49	Pn	Pn	05 58 31.3 +0.8
Rodhopi	6.99 367	Pn	Pn	05 56 26.6 +1.9	TPGR Topolje	10.86 9	P	Pn	05 57 23.6 +5.9	KBZ Khabaz	16.26 49	Pn	Pn	05 58 31.3 +0.8
CHBY Chibyanbeyli	7.13 50	Pn	Pn	05 56 27.9 +1.2	BBLs Lazik&263i	10.95 334	ePn	Pn	05 57 14.5 -4.5	KBZ Khabaz	16.26 49	Pn	Pn	05 58 31.3 +0.8
YESY Yesilyur	7.28 58	Pn	Pn	05 56 29.8 +1.0	ISR Izstira	10.96 2	P	Pn	05 57 20.1 +1.0	KBZ Khabaz	16.26 49	Pn	Pn	05 58 31.3 +0.8
KLYT Kilyos	7.50 18	P	Pn	05 56 31.9 +0.3	HERR Herculane	11.05 347	l/P	Pn	05 57 23.9 +3.5	MAUC Maruska	16.35 341	ePn	Pn	05 58 30.6 -1.0
CTYL comp=Z,0.2nmcomp=Z,6.10nmcomp=Z,35nm,1.0s	7.54 13	Pn	Pn	05 56 32.6 +0.4	SBRT Sanjelo R	11.05 316	P	Pn	05 57 17.6 -3.3	BIOA Bad Ischl, Aus	16.39 329	ePn	Pn	05 58 30.5 -1.6
MDUB Mudurnu	7.76 32	P	Pn	05 56 34.5 +1.8	ARPR Arapgir-MALATY	11.10 60	Pn	Pn	05 57 21.9 +0.7	SALO Salr	16.44 319	lAmb	lAmb	05 58 40.6
MMB Mumoshita	7.58 347	P	Pn	05 56 34.8 +1.9	CFR Carcalui	11.14 8	l/P	Pn	05 57 22.5 +1.1	KRUC Moravsky	16.50 337	ePn	Pn	05 58 34.3 +0.8
RZN Rozhen	7.59 353	P	Pn	05 56 35.3 +2.2	CFR Carcalui	11.14 8	l/P	Pn	05 57 22.5 +1.1	AK07 Malin Array Si	16.56 7	P	Pn	05 58 35.1 +0.9
VAY Velandovo	7.64 340	ePn	Pn	05 56 41.9 +8.2	ARR Arges	11.25 355	l/P	Pn	05 57 22.5 +2.1	ACK Naichik	16.59 51	eP	Pn	05 58 37.2 +0.2
OFRI Ofer	7.71 99	S	Pn	05 56 43.9 -0.2	VOIR VOIR	11.29 357	l/P	Pn	05 57 27.2 +3.5	N06 Malin Array Si	16.59 7	P	Pn	05 58 35.5 +0.8
KZIT Kziot	7.83 112	P	Pn	05 56 57.66 -4.4	VOIR VOIR	11.29 357	l/P	Pn	05 57 27.2 +3.5	AK13 Malin Array Si	16.61 7	P	Pn	05 58 35.7 +0.9
KZIT Kziot	7.83 112	P	Pn	05 56 35.4 -0.8	comp=Z,14nm,1.1s	11.29 357	l/P	Pn	05 57 24.6 +0.9	LESA Schwarzleot	16.61 327	ePn	Pn	05 58 35.6 +0.6
SLTI Salit	7.85 102	P	Pn	05 57 58.4 -5.6	MLR Muntele Rosu	11.32 360	Pn	Pn	05 57 24.3 +0.1	AK10 Malin Array Si	16.61 7	P	Pn	05 58 35.7 +0.8
SLTI Salit	7.85 102	P	Pn	05 57 34.8 -1.7	comp=Z,0.1nm,0.3s,baz=133,slow=7.8,SNR=7.1	11.32 360	l/P	LR	06 02 37.6	AK05 Malin Array Si	16.63 7	P	Pn	05 58 35.9 +0.8
DIM Dimitrovgrad	7.98 358	eP	Pn	05 57 59.4 -5.1	MLR Muntele Rosu	11.32 360	l/P	Pn	05 57 27.4 +3.2	AK14 Malin Array Si	16.63 38	P	Pn	05 58 36.0 -1.0
LOD Lodum	7.90 42	Pn	Pn	05 56 41.9 +5.0	comp=Z,3.4nm,1.1s	11.32 360	l/P	Pn	05 57 27.4 +3.2	VRAC VRAC	16.65 338	l/P	LR	06 05 35.3
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 56 38.1 +0.9	MLR Muntele Rosu	11.32 360	l/P	Pn	05 57 25.1 +0.9	comp=Z,580nm,19.9s,baz=169,slow=39				
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 56 37.9 -0.3	MLR Muntele Rosu	11.32 360	l/P	Pn	05 57 25.1 +0.9	comp=Z,15nm,1.0s				
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 02.9 -4.5	MLR Muntele Rosu	11.32 360	l/P	Pn	05 57 25.1 +0.9	VRAC Vranov	16.65 338	l/P	Pn	05 58 33.8 -1.7
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 56 37.3 -0.8	MLR Muntele Rosu	11.32 360	l/P	Pn	05 57 25.1 +0.9	VRAC Vranov	16.65 338	l/P	Pn	05 58 33.8 -1.7
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	comp=Z,736nmcomp=Z,36nm,1.8s	11.32 360	l/P	Pn	05 57 22.9 -1.4	VRAC Vranov	16.65 338	l/P	Pn	05 58 35.8 +0.3
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PAOL Paolisi	11.34 311	P	Pn	05 57 22.9 -1.4	VRAC Vranov	16.65 338	l/P	Pn	05 58 35.8 +0.3
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	GZR Gura Zlata	11.49 349	l/P	Pn	05 57 27.2 +0.9	VRAC Vranov	16.65 338	l/P	Pn	05 58 35.8 +0.3
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	GZR Gura Zlata	11.49 349	l/P	Pn	05 57 27.2 +0.9	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57 33.3 +4.2	OJC Ojcow	16.68 346	ePn	Pn	05 58 34.8 -1.0
MMA0B Mount Meron ar	7.97 96	Pn	Pn	05 58 01.8 -5.7	PLOR Plostina	11.70 2	l/P	Pn	05 57					

Table with columns for station code, frequency, power, and signal quality. Includes stations like MNK, MVO, MNR, etc.

Table with columns for station code, frequency, power, and signal quality. Includes stations like MVO, MNR, MNR, etc.

Table with columns for station code, frequency, power, and signal quality. Includes stations like STEI, CHGR, CHGR, etc.

3d 6h

Table with columns: I17K, Unalakleet, 82.15, 3, P, P, 06 07 02.8 +0.8, etc. Lists various stations and their coordinates.

2020 MAY

Table with columns: O28M, Mount Upton, 84.74, 353, Iamb, Iamb, 06 07 19.7, etc. Lists various stations and their coordinates.

186

Table with columns: ROSC, EI Rosal, 95.77, 280, LR, LR, 06 49 00.2, etc. Lists various stations and their coordinates.

IDC 03 05:55:12.6:1.6, 4.47S, 145.83E, h0km, mb3.9/2, mbtmtp4.0/4, ML1.6/1, MS3.4/1, Error ellipse s-maj=70.4km s-min=26.4km az=113.0, Near north coast of New Guinea

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, etc. Lists station details for IDC 03 06:10:19.9.

IDC 03 06:10:19.9:1.7, 19.01N, 145.53E, h212km, 16km, mb3.6/1.9, mbtmtp4.2/2.3, Error ellipse: s-maj=16.5km s-min=9.2km az=82.0

NEIC 03 06:10:20.1:1.4, 19.07N, 145.55E, h205km, 3km, mb4.3/3.4, Error ellipse: s-maj=19.9km s-min=9.8km az=93.0

ISC 03 06:10:20.3:0.5, 19.04N, 145.55E, h214km, n74, h1510/63, mb4.1/37, Mariana Islands

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, etc. Lists station details for various stations including GUMU, JCJ, H1S1, etc.

Table with columns: MKAR, KURK, KURBB, D20K, NRIK, H21K, C23K, ILAR, ILAR, D24K, D25K, BVAR, BORK, G31M, H02S1, YKAW3, YKAW3, BELG, NVAR, FINES, FINES, PDAR, PDAR, LPAZ. Includes station names, coordinates, and times.

CATAC 03 06:13:41.5, 0.2, 12.2'N, 87.7'W, h32km, 2km, M3.7/48, MLV3.7/48, Error ellipse: s-maj=4.0km s-min=1.4km az=27.2, confirmed

SNET 03 06:13:44.1, 2.3, 12.58'N, 87.34'W, h30km, ML3.5, Presumed earthquake

ISC 03 06:13:40.4, 1.2, 22.24'N, 0.05:87.47'W, h20km, 2.5km, n61, c0567/99, Near coast of Nicaragua

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists various stations like San Cristobal, Volcan Telica, Cosiguina Volc, etc.

Table with columns: NUBE, SARH, M03, SLOZ, FAME, CMAR, SIUN. Includes station names and coordinates.

JSN 03 06:13:54.4, 1.2, 19.46'N, 80.41'W, h0km, 88km, MD4.5, Presumed earthquake

SSNC 03 06:13:57.1, 1.3, 19.11'N, 80.71'W, h11km, 14km, MD3.9, ML3.1, Presumed earthquake

ISC 03 06:13:53.2, 1.2, 18.93'N, 0.07:80.65'W, h10km, n23, c171/31, 3D, North of Honduras

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Frank Sound, G, FSCY, LCCY, LCCY, LCCY, etc.

IDC 03 06:18:11.5, 1.2, 34.10'N, 25.61'E, h0km, mb3.5/9, s-mb13.5/17, ML3.3/8, Error ellipse: s-maj=22.3km s-min=16.0km az=23.0

ISC 03 06:18:14.1, 0.9, 34.03'N, 0.10:25.69'E, h17km, n22, c207/26, mb3.5/8, Crete

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists various stations like Anoyia, Mount Meron A, Keskin Array B, etc.

Table with columns: IDI, IDI, IDI, IDI, GVD, KARP, YAM, IMMV, IMMV, BRTR, EIL, MLR, KVAR, AKASG, DAVOX, HFS, FINES, ARCES, KURBB, SCHG, YKA, ZAFR2, ZAFR2, ESQI, ESQI, MTO3, MTO3, SARH, SARH, SARH, SARH, APG, LLGN, SLOZ, IZABA, UNIC, UNIC, NUBE, NUBE, PSNO, PSNO, FAME, FAME, PMON, JAYA, JAYA, LOMA, PAVA.

OTC 03 06:35:29.5, 0.2, 72.49'N, 66.14'W, h18km, ML3.5/7, 243km northeast from Clyde River, Nu Buffin Bay Seismic Zone

DNK 03 06:35:33.0, 2.7, 72.55'N, 66.28'W, h36km, 12km, ML2.4, Presumed earthquake

ISC 03 06:35:25.3, 0.7, 72.53'N, 0.04:66.21'W, h10km, n23, c280/39, Baffin Bay

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists various stations like Estantuela, Esquipulas, Montecristo, Santa Rosa de, etc.

3d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like IAML, SN, PN, Trac.

ISK 03 06:38:30.6, 33.95N, 26.14E, h1km, ML3.7/11
IDC 03 06:38:31.4, 0.8, 34.08N, 25.96E, h0km, mb4.1/20,
mtmp=4.034, ML3.6/11, MS3.4/8, Error ellipse:
s-maj=17.5km s-min=11.3km az=15.0

MOS 03 06:38:31.9, 1.6, 34.06N, 25.99E, h1km, mb4.4/10, Error
ellipse: s-maj=7.7km s-min=4.7km az=82.7
NEIC 03 06:38:34.4, 2.3, 34.09N, 26.00E, 0.07, h1km, 1km,
mb4.1/26, Error ellipse: s-maj=13.6km s-min=9.3km
az=191.0

MCSM 03 06:38:34.6, 0.6, 34.1N, 26.0E, h1km, 3km, mb4.2,
mB3.8, MLv4.1, Mw(mb)2.8
ATH 03 06:38:35.2, 0.4, 34.15N, 26.09E, h1km, ML3.6/13,
Latitude uncertainty: 3 km; Longitude uncertainty: 2 km

AFAD 03 06:38:36.3, 34.25N, 26.37E, h7km, 4km, ML3.5
THE 03 06:38:39.1, 34.18N, 26.6E, h7km, 17km, M3.3/6,
MLh3.3/6

GII 03 06:38:40.2, 0.0, 34.048N, 0.002, 26.461E, 0.001,
h0km, Mws4.2, confirmed
ISC 03 06:38:33.8, 1.3, 34.06N, 0.04, 26.06E, 0.03, h12km, 7km,
n260, r1944/306, mb4.2/35, MS3.4/6, 7C-14D, Crete

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like ZKR, KZR, NPS, etc.

2020 MAY

Main table of station data for 2020 MAY with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like GOLH, DNIZ, ATHU, etc.

Main table of station data for 2020 MAY with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like CTI, KBZ, KBZ, etc.

3d 7h

2020 MAY

Table with columns for station name, frequency, mode, and signal strength. Includes stations like KIV Kislovodsk, MA2 Magadan, and GSPA South Pole Qui.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like BALB Balikesir, CTYL Yalikoy Yolu, and AKASG Malin Array Be.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like PDG Podgorica, PSZ Puzoski, and G15K Niukluk.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, Date, Time, Res, and other parameters. Includes entries like B20K Meade River, N16K Nishlik Lake, A21K Barrow, etc.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, Date, Time, Res, and other parameters. Includes entries like PPT2, E25K Arctic Village, POKR Pokot Plat Res, etc.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, Date, Time, Res, and other parameters. Includes entries like R32K Eaglecrest, SIT Sitka, S32K Kliono, etc.

ICD 03 07:14:31.7z, 1.2, 34.03N:25.68E, h0km, mb3.77, mbmp3.6/14, ML3.36, Error ellipse: s-maj=23.4km s-min=16.5km az=25.0

ISC 03 07:14:34.9z, 0.9, 34.0N:25.80E, h0km, mb2.9, mvp3.0, s-maj=11.5km s-min=6.3km

ISC 03 07:17:43.9z, 0.9, 34.0N:25.80E, h0km, mb2.9, mvp3.0, s-maj=11.5km s-min=6.3km

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Date, Time, Res, and other parameters. Includes entries like IDI Anoyia, IDI 1.8nm, 0.3s, etc.

NNC 03 07:20:42.3z, 0.9, 49.97N:78.43E, h0km, mb2.9, mvp3.0, Error ellipse: s-maj=9.5km s-min=3.9km az=80.0, Suspected Mining explosion.

ICD 03 07:20:43.3z, 1.0, 50.04N:78.73E, h0km, mb2.9, mvp3.0, s-maj=11.5km s-min=6.3km

SOME 03 07:20:50.6z, 49.92N:78.88E, ISC 03 07:20:43.0z, 0.9, 50.06N:78.73E, h0km, mb2.9, mvp3.0, s-maj=11.5km s-min=6.3km

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Date, Time, Res, and other parameters. Includes entries like KUR07 Kurchatov Arra, KUR06 Kurchatov Arra, etc.

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

NEIC 03 08:12:09.2-1.3, 17.831N, 0.010-66.91W, 0.01, h10km, 2km, ML3.4/3, Md3.7/10(RSPR), Error ellipse: s-maj=3.2km s-min=2.2km az=344.0

PTWC 03 08:12:09, 18.00N, 66.90W, h15km, ML3.5/5 OSPL 03 08:12:10.1±0.4, 17.86N, 66.92W, h12km, 3km, ML3.9, Presumed earthquake

SDD 03 08:12:10.2±1.8, 17.90N, 66.91W, h20km, 9km, MD3.1, ML3.2, MW3.2, Presumed earthquake Hypocentre not reviewed by the ISC

RSPR 03 08:12:10.7, 17.95N, 66.91W, h11km, MD3.7/10 ISC 03 08:12:10.2±0.9, 17.99N, 0.05-66.89W, 0.02, h16km, 7km, n53, c053/74, 8C-15D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GBPR Guanica, Bosqu, MLPR MaguYES Island, CRPR Cabo Rojo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AOPR Arcicbo Observ, AGPR Aguadilla, PR, EMPR Esperanza - Ma, etc.

SSINC 03 08:13:10.6±1.4, 19.78N, 71.26W, h18km, 10km, MD3.7, ML2.8, MW2.4, Presumed earthquake SDD 03 08:13:13.0±1.8, 19.66N, 71.51W, h15km, 20km, MD3.0, ML2.5, MW2.9, Presumed earthquake Hypocentre not reviewed by the ISC

OSPL 03 08:13:13.1±2.2, 19.64N, 71.51W, h17km, 8km, ML2.6, 7C-4D, Presumed earthquake, Dominican Republic

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LODA1 ITESIL, Dajabo, MCDR Montecristi, LOPPI Punta Rusia, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like QMBU, NMDO Nuevo Mundo, MOAC Moa, etc.

NEIC 03 08:22:16.2±1.1, 17.91N, 0.03-66.89W, 0.009, h10km, 1km, ML2.9/3, Md3.4/20(RSPR), Error ellipse: s-maj=5.6km s-min=2.9km az=14.0

RSPR 03 08:22:16.6, 17.94N, 66.91W, h12km, MD3.4/20 OSPL 03 08:22:16.1±0.3, 17.85N, 66.91W, h10km, 3km, ML3.7, Presumed earthquake

SDD 03 08:22:16.8±1.9, 17.94N, 66.91W, h15km, 11km, MD2.8, ML2.7, MW2.7, Presumed earthquake Hypocentre not reviewed by the ISC

ISC 03 08:22:16.1±1.1, 17.92N, 0.05-66.90W, 0.02, h18km, 5km, n50, c062/60, 9C-15D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GBPR Guanica, Bosqu, MLPR MaguYES Island, CRPR Cabo Rojo, etc.

3d 11h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SONGINGO Array, SONM Songo Array, ULN Ulanbaatar, HFS Hagfors, CLL Collim, CLM Collim, TORO Torodi Arr, YKA Yellowknife Arr.

IDC 03 10:44:14.6±1.0, 19.09N:67.66W, h0km, mb3.5/7, mbtmp3.6/9, ML2.8/2, MS2.9/5, Error ellipse: s-maj=26.9km s-min=19.6km az=32.0

NEIC 03 10:44:15.7±1.7, 19.01N:0.05±67.57W:0.03, h10km, 1km, m4.2/8, ML4.2/43, ML4.0/21(RSPR), Error ellipse: s-maj=9.9km s-min=2.9km az=25.0

PTWC 03 10:44:15.19:10N:67.50W, M14.2/2, SDD 03 10:44:17.7±2.1, 18.99N:67.60W, h31km, 75km, MD3.7, ML3.7, MW4.1, Presumed earthquake Hypocentre not reviewed by the ISC

RSPR 03 10:44:18.5, 19.08N:67.52W, h6km, 2km, MD3.7/21, ISC 03 10:44:16.0±1.1, 18.99N:0.04±67.62W:0.02, h14km, 8km, n99, r137/113, mb3.8/8, MS2.8/5, 19C-22D, M14

Main table of station data with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists numerous stations including IDE Isla Desecho, AGPR Aguadilla, CRPR Cabo Rojo, etc.

2020 MAY

Main table of station data with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists numerous stations including HUMP Col San Antoni, SDD Santo Domingo, DR08 Loma La Novisa, etc.

0.5nm,0.4s 198

Main table of station data with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists numerous stations including PMG Port Moresby, DZM Mont Dzacum, WRA Warramunga Arr, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like InterUniversit, Patillas Dam, PDRP, HUMP, etc.

NEIC 03 11:16:00.0±1.2, 19.00N, 0.04±67.65W, 0.03, h10km±1km, ML2.9/37, Md3.5/10 (RSPPR), Error ellipse: s-maj=6.9km, s-min=3.8km az=208.0

OSPL 03 11:17:01.6±0.5, 18.99N, 67.64W, h4km±14km, ML3.6, Presumed earthquake

RSPPR 03 11:17:03.1, 18.88N, 67.69W, h4km±1km, MD3.5/10 SDD 03 11:17:03.2±2.3, 18.83N, 67.65W, h0km±9km, MD3.1, ML2.7, MW2.9, Presumed earthquake Hypocentre not revealed by the ISC

ISC 03 11:17:00.6±1.4, 18.98N, 0.07±67.64W, 0.03, h15km±10km, n48, c083/67, 18C-1D, Mona Passage

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Isla Desecheo, AGPR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Las Mesas, AOPR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Higuey Centro, CRPR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cabo Rojo, CRPR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Esperanza - Ma, EMPR, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Obispo Ponce, OBIP, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Obispo Ponce, OBIP, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Juan, SJG, etc.

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

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SDDR, Presa de Saban, etc.

NIED 03 11:32:12.0, 31.36N, 128.72E, h11km, MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mn=-0.39; Mw=0.31; Mx=0.70; My=0.53; Mz=3.60; Mr=0.97; Fault plane solution: Ms3.820000x10^14 NP1: phi265.00000, lambda.00000, -9.00000. NP2: phi357.00000, lambda.160.00000.

JMA 03 11:32:12.0±0.3, 31.41N, 0.5±128.7E±0.8, h11km±2km, MW3.6/33, SW OFF KYUSHU, Northwest of Ryukyu Islands

RSNC 03 11:40:29.5±1.5, 1.5°S, 3.77W±1.2, h28km±16km, M3.0, mb3.7, ML2.5, Ecuador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OTAV, Otavalo, TULM, Tulcan-Chalpat, etc.

NNC 03 11:45:43.5±10.0, 51.79N, 80.18E, h0km, mb2.6, mpv2.5, Error ellipse: s-maj=96.5km s-min=49.4km az=158.0

IDC 03 11:45:40.8±3.0, 50.18N, 76.16E, h0km, mbtmp2.8/2, ML2.4/2, 2C-6D, Error ellipse: s-maj=28.2km s-min=16.4km az=98.0, Eastern Kazakhstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KURBB, Kurchatov Arra, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H46RU, Zalesovo INFRA, etc.

ZALV Zalesovo Beam 6.54 51 P I 12 26 30.0

ZALV Zalesovo Beam 6.54 51 P I 12 26 30.0

NEIC 03 11:48:21.2±1.8, 44.20N, 0.03±115.08W, 0.04, h10km±2km, ML3.1/86, Error ellipse: s-maj=5.1km s-min=3.7km az=236.0

IDC 03 11:48:23.3±1.7, 44.25N, 115.15W, h0km, mbtmp2.9/3, ML3.0/3, Error ellipse: s-maj=19.2km s-min=11.1km az=158.0

ISC 03 11:48:22.8±0.8, 44.22N, 0.03±115.10W, 0.03, h10km±n53, c113/58, Western Idaho

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BCIY, Bear Canyon, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LNOR, Linnton Mounta, etc.

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AHID, Long Hollow, etc.

JMA 03 11:54:01.7±0.4, 31°N, 2°E, h17km±11km, SW OFF KYUSHU, Northwest of Ryukyu Islands

JMA 03 11:54:01.7±0.4, 31°N, 2°E, h17km±11km, SW OFF KYUSHU

NIED 03 11:54:21.1±0.3, 31.34N, 128.72E, h9km±2km, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mn=-0.26; Mw=0.29; Mx=0.55; My=0.20; Mz=0.92; Mr=0.26; Fault plane solution: Ms1.080000x10^14 NP1: phi265.00000, lambda.00000, -9.00000. NP2: phi170.00000, lambda.160.00000.

IDC 03 11:54:22.9±0.3, 31.34N, 128.74E, h0km, mb4.9/34, mbtmp4.8/43, ML4.3/8, MS5.9/84 Error ellipse: s-maj=9.6km s-min=6.9km az=86.0

BUI 03 11:54:23.4, 31.40N, 128.70E, h10km, mb5.9/62, mb5.6/76, Ms6.4/70, Ms7.6/398

NEIC 03 11:54:24.6, 31.42N, 128.83E, h10km, IPGP 03 11:54:24.0, 31.42N, 128.82E, h4km, Mw6.1, Fault plane solution: NP1: phi262.00000, lambda.00000, -8.60000. NP2: phi252.00000, lambda.176.00000.

NEIC 03 11:54:24.6±0.9, 31.40N, 0.05±128.84E±0.7, h10km±1km, mb5.7/26, Ms2.0/6, Mb6.5/9201, Mw5.9/34, Error ellipse: s-maj=10.2km s-min=8.4km az=133.0, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mn=-1.05; Mw=2.49; Mx=3.53; My=1.19; Mz=8.32; Mr=0.53; Fault plane solution: Ms8.990000x10^17 NP1: phi349.96000, lambda.196.00000, lambda.179.46000. NP2: phi80.04000, lambda.89.47000, lambda.8.04000. Principal axes: T 9.4912, P166.0000, Azm305.0000; N -1.1024, P162.0000, Azm84.0000; P -8.3888, P165.0000, Azm215.0000.

NEIC 03 11:54:24.6±1.3, 31.42N, 128.83E, h10km, ISC-PP 03 11:54:24.3, 31.40N, 128.84E, h26km, Mwppsm6.1, Moment Tensor Solution. s46 Moment tensor: Scale 10^18Nm; Mn=0.45; Mw=0.21; Mx=0.21; My=0.72; Mz=1.1; Mr=0.02; Ms=16; Ms=0.08; Ms=0.34; Ms=0.34; Ms=12; Fault plane solution: Ms1.640000x10^18 NP1: phi152.50000, lambda.81.90000, lambda.171.20000. NP2: phi243.70000, lambda.81.30000, lambda.8.10000.

MOS 03 11:54:25.5±1.0, 31.36N, 128.76E, h28km±mb5.7/78, MS6.4/39 Error ellipse: s-maj=5.9km s-min=3.6km az=114.1

GFZ 03 11:54:26.3, 31.33N, 128.77E, h16km, MW6.0, Moment Tensor Solution. s11 Moment tensor: Ms=0.05; Mw=1.32; Mx=0.38; My=0.11; Mz=1.11; Mr=0.05; Fault plane solution: NP1: phi351.00000, lambda.84.00000, lambda.176.00000. NP2: phi261.00000, lambda.86.00000, lambda.5.00000. Principal axes: T 1.2000, P161.0000, Azm306.0000; N -0.4000, P163.0000, Azm46.0000; P -1.1500, P166.0000, Azm216.0000.

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YKA, Yellowknife Arr, etc.

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

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

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

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

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

PTWC 03 11:54:26.31'40N,128.80E,h10km,Mwp6.2/13
 GCMT 03 11:54:27.6.0.1,31'35N,128'66E,h12km,MW6.0/167,
 Moment Tensor Solution. s155,c342; s167,c579;
 Duration: 2s5 Moment tensor: Scale 1017Nm;
 Mn-0.15z.01; Mw-0.39z.01; Mo0.53z.01; Mw0.50z.02;
 Mw1.19z.01; Mw0.21z.02; Best double couple:
 Mo1.38100x1018 NP1:349.00000,867.00000,
 1.80.00000. NP2:349.00000,890.00000,1.23.00000
 Principal axes: T 1.4800, P16.0000, Azm36.0000; N
 -0.1970, P167.0000, Azm80.0000; P -1.2830,
 P15.0000, Azm212.0000; nst1 refers to body waves,
 cutoff=40s, nst2 refers to surface/wave waves,
 cutoff=50s. Triangular moment-rate function
 NEIC 03 11:54:36.31'22N,128.95E,h12km,Moment Tensor
 Solution. Duration: 4s9 Moment tensor: Scale 1017Nm;
 Mn-0.62; Mw-3.41; Mw0.42; Mo0.43; Mw0.78; Mw-1.25;
 Fault plane solution: Mo8.84000x1017 NP1:
 3257.29000,881.29000,-1.83000. NP2:347.56000,
 882.20000,-1.171.29000. Principal axes: T 9.1010,
 P175.0000, Azm122.0000; N -0.5521, P181.0000,
 Azm359.0000; P -8.5489, P107.0000, Azm213.0000.

ISC 03 11:54:25.5.0.4,31'37N,128.82E,0.02,1h4km,2km,
 h15km,PP-P,1634,s172/1475,m5.5/253,MS6.0/466,
 62C-62D, Northwest of Hyakuy Islands

Code	Station Name	Lat	Lon	Phase ID	Time	Res	ISC
		°	'		h m s	s	ISC
JSJ	Shimokoshiki	0.82	68	iP	11 54 38.5	-3.0	A
JSJ				A	11 54 38.5		
JSJ	comp=N,1.1um,6.2s,comp=E,553km,6.2s						
JFU	Fukue jima 2	1.28	357	iP	11 54 46.4	-2.7	A
JFU				A	11 54 46.4		
JFU	comp=N,401nm,10.2s,comp=E,906nm,10.7s						
JSU	Suzuyama	1.40	84	Pn	11 54 48.6	-2.1	A
JSU				Pn	11 54 50.3	-0.4	A
JSU	Suzuyama	1.40	84	Sb	11 55 09.4	+0.1	A
JSU	Suzuyama	1.40	84	P	11 54 48.8	-1.9	A
JSU	Suzuyama	1.40	84	P	11 54 48.6	-2.1	A
JSU				A	11 54 48.6		
JSU	comp=N,747nm,14.6s,comp=E,190nm,3.2s						
JKC	Kuchinoerabu	1.49	127	P	11 54 48.3	-3.5	A
JKC				A	11 54 48.3		
JKC	comp=N,289nm,7.7s,comp=E,200nm,7.4s						
NGSJ	Nagasakinomozu	1.51	33	A	11 54 49.9		
NGSJ				A	11 54 49.9		
NGSJ	comp=N,534nm,8.2s,comp=E,367nm,8.2s						
JHD	Hondo	1.56	45	A	11 54 50.9		
JHD				A	11 54 50.9		
JHD	comp=N,534nm,8.2s,comp=E,367nm,8.2s						
JZO	Okuchi	1.70	63	A	11 54 52.8		
JZO				A	11 54 52.8		
JZO	comp=N,503nm,9.5s,comp=E,189nm,15.1s						
JNN	Nakanoshima	1.77	149	P	11 54 51.9	-3.8	A
JNN				A	11 54 51.9		
JNN	comp=N,362nm,6.9s,comp=E,722nm,8.7s						
JTSR	Tashiro 2	1.81	96	A	11 54 54.1		
JTSR				A	11 54 54.1		
JTSR	comp=N,134nm,3.6s,comp=E,187nm,10.4s						
JYAK	Yakushimahirau	1.84	127	iP	11 54 53.0	-3.6	A
JYAK				A	11 54 53.0		
JYAK	comp=N,134nm,3.6s,comp=E,187nm,10.4s						
JUR	Ureshino	1.97	29	A	11 54 56.7		
JUR				A	11 54 56.7		
JUR	comp=N,543nm,7.9s,comp=E,373nm,6.1s						
JTN	Tanegashima 3	1.99	110	iP	11 54 55.7	-3.0	A
JTN				A	11 54 55.7		
JTN	comp=N,336nm,11.9s,comp=E,210nm,13.7s						
JTZ	Takazaki	2.01	74	A	11 54 56.8	-2.1	A
JTZ				A	11 54 56.8		
JTZ	comp=N,526nm,11.9s,comp=E,222nm,13.2s						
JMTN	Minamitane	2.03	118	P	11 54 56.7	-2.6	A
JMTN				A	11 54 56.7		
JMTN	comp=N,226nm,13.7s,comp=E,181nm,15.4s						
JIU3	Izumii	2.06	55	P	11 54 57.8	-1.9	A
JIU3				A	11 54 57.8		
JIU3	comp=N,340nm,10.8s,comp=E,261nm,13.6s						
JNAR	Kushima-Naru	2.10	85	A	11 54 58.5		
JNAR				A	11 54 58.5		
JNAR	comp=N,520nm,7.5s,comp=E,204nm,13.9s						
JTA	Tamana	2.15	42	A	11 54 59.5		
JTA				A	11 54 59.5		
JTA	comp=N,218nm,4.9s,comp=E,374nm,8.2s						
JNKG	Nichinankitago	2.20	82	A	11 54 60.0		
JNKG				A	11 54 60.0		
JNKG	comp=N,534nm,12.7s,comp=E,189nm,17.8s						
JTAJ	Takarajima	2.23	171	P	11 55 00.5	-1.6	A
JTAJ				A	11 55 00.5		
JTAJ	comp=N,460nm,3.7s,comp=E,666nm,13.1s						
JFI	Iitaya	2.44	32	A	11 55 03.6		
JFI				A	11 55 03.6		
JFI	comp=N,314nm,6.8s,comp=E,204nm,6.5s						
JTSN	Tsuno	2.45	68	A	11 55 03.6		
JTSN				A	11 55 03.6		
JTSN	comp=N,302nm,8.1s,comp=E,198nm,6.3s						
JNU	Nakatsue	2.47	44	Pn	11 55 05.1	-0.3	A
JNU				Pn	11 55 05.1		
JNU	comp=E,168nm,0.4s,baz=217,slow=9.1,SNR=83						
JNU				Sn	11 55 36.9	+1.6	A
JNU	comp=E,598nm,0.3s,baz=247,slow=11,SNR=5.2						
JNU	Nakatsue	2.47	44	Pn	11 55 03.6	-1.8	A
JNU				Pn	11 55 06.7	+1.3	A
JNU	Nakatsue	2.47	44	P	11 55 05.1	-0.3	A
JNU				P	11 55 04.0		
JNU	comp=N,188nm,11.9s,comp=E,234nm,10.1s						
JJI	Iki	2.54	17	A	11 55 04.8		
JJI				A	11 55 04.8		
JJI	comp=N,458nm,7.3s,comp=E,345nm,6.8s						
JKIT	Kitakata	2.56	60	A	11 55 05.4		
JKIT				A	11 55 05.4		
JKIT	comp=N,340nm,6.3s,comp=E,151nm,6.6s						
JHHC	Hyugahichiya	2.62	65	A	11 55 06.2		
JHHC				A	11 55 06.2		
JHHC	comp=N,268nm,12.4s,comp=E,170nm,6.7s						
JFA	Akaike	2.87	35	A	11 55 09.7		
JFA				A	11 55 09.7		
JFA	comp=N,232nm,12.0s,comp=E,143nm,9.3s						
JBEP	Beppuamama	2.94	47	A	11 55 10.7		
JBEP				A	11 55 10.7		
JBEP	comp=N,329nm,14.5s,comp=E,222nm,6.5s						
JSKE	Saikikamae	2.98	61	A	11 55 11.3		
JSKE				A	11 55 11.3		
JSKE	comp=N,247nm,13.1s,comp=E,89nm,9.2s						
JTSM	Tsukimamitsus	3.00	9	A	11 55 11.2		
JTSM				A	11 55 11.2		
JTSM	comp=N,153nm,7.4s,comp=E,245nm,4.3s						
JUS	Usuki	3.01	55	A	11 55 11.7		
JUS				A	11 55 11.7		
JUS	comp=N,150nm,17.3s,comp=E,114nm,13.5s						
JAM	Amami Oshima	3.02	167	A	11 55 09.8		
JAM				A	11 55 09.8		
JAM	comp=N,138nm,6.9s,comp=E,325nm,14.0s						
JAMN	Amaminishikoku	3.13	174	A	11 55 11.1		
JAMN				A	11 55 11.1		
JAMN	comp=N,112nm,5.8s,comp=E,368nm,16.5s						
JMTN	Tsushima 9	3.17	8	A	11 55 16.8	+1.6	A
JMTN				A	11 55 16.8		
JMTN	comp=N,142nm,4.9s,comp=E,216nm,4.5s						
JZK	Kikaisima	3.20	162	A	11 55 12.4		
JZK				A	11 55 12.4		
JZK	comp=N,469nm,11.7s,comp=E,532nm,15.5s						
JKI	Kunimi	3.24	45	A	11 55 15.0		
JKI				A	11 55 15.0		
JKI	comp=N,239nm,12.4s,comp=E,191nm,12.1s						
JTY	Toyota	3.45	33	A	11 55 17.9		
JTY				A	11 55 17.9		
JTY	comp=N,204nm,11.7s,comp=E,192nm,6.3s						
JTK	Tokunoshima	3.47	8	A	11 55 17.3		
JTK				A	11 55 17.3		
JTK	comp=N,77nm,7.4s,comp=E,279nm,8.6s						
JTO	Tosashimizu	3.69	65	A	11 55 21.4		
JTO				A	11 55 21.4		
JTO	comp=N,250nm,8.8s,comp=E,107nm,6.0s						
UWAZ	Uwa jima 2	3.71	59	A	11 55 21.7		
UWAZ				A	11 55 21.7		
UWAZ	comp=N,192nm,14.3s,comp=E,88nm,6.4s						
JKD	Kudamatsu	3.71	43	A	11 55 21.7		
JKD				A	11 55 21.7		
JKD	comp=N,130nm,13.3s,comp=E,131nm,6.2s						
JNA	Nagahama	3.79	54	A	11 55 22.7		
JNA				A	11 55 22.7		
JNA	comp=N,211nm,12.6s,comp=E,269nm,15.0s						
JHGM	Hagimishima	3.92	29	A	11 55 24.6		
JHGM				A	11 55 24.6		
JHGM	comp=N,264nm,5.4s,comp=E,246nm,7.8s						
JOKE	Okinoerabujima	4.00	183	A	11 55 23.3		
JOKE				A	11 55 23.3		
JOKE	comp=N,109nm,7.3s,comp=E,284nm,10.2s						
JJK	Kubokawa	4.01	61	A	11 55 26.9		
JJK				A	11 55 26.9		
JJK	comp=N,185nm,11.3s,comp=E,152nm,10.8s						
JHIK	Hikimi	4.10	39	A	11 55 27.1		
JHIK				A	11 55 27.1		
JHIK	comp=N,148nm,10.2s,comp=E,136nm,8.4s						
JET	Tanbara	4.11	56	A	11 55 30.1		
JET				A	11 55 30.1		
JET	comp=N,117nm,14.9s,comp=E,66nm,13.2s						
JYRO	Yoronjima	4.34	184	A	11 55 28.1		
JYRO				A	11 55 28.1		
JYRO	comp=N,159nm,7.7s,comp=E,214nm,11.0s						
JIH	Iheya	4.38	190	A	11 55 28.5		
JIH				A	11 55 28.5		
JIH	comp=N,130nm,7.6s,comp=E,268nm,10.5s						
JHT	Yohiura	4.46	42	A	11 55 32.3		
JHT				A			

3d 11h

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

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ODBI, TLBR, SAHE, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DPC, RZN, UPC, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like C21K, H20K, B21K, L19K, I20K, O18K, E21K, ACHA, J20K, M19K, B22K, K20K, K20K, I21K, G21K, O19K, H21K, F22K, M20K, E22K, E22K, E22K, E22K, Q19K, S11, SHU, I21K, G22K, PPLA, H22K, C23K, D23K, O20K, OHAK, BPWA, MLY, SKT, KDAD, KDAD, TOLK, G23K, E23K, HOM, L22K, C24K, D24K, TRF, H23K, CUT, I23K, E24K, M22K, BRSE, NEA2, F24K, MCK, RC01, H24K, O22K, G24K, PMR, D25K, WAT1, SEW, POKR, SML, KNK, C26K, E25K, G25K, ILAR, WAT6, HDA, F25K, DHY, M23K, SMC, C27K, PRP, BMAR, F26K, GLI, K24K, J25K.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like M24K, G26K, PAX, KLU, RIDG, HARP, Q23K, EYAK, SCRR, D27M, E27K, I26K, G27K, BMRM, L26K, H27K, I27K, E28M, KAIM, D28M, M26K, F28M, MCARA, L27K, CRQE, BCAR, E29M, I28M, G29M, H29M, BVCY, MESA, CTG, I29M, YUK3, J29N, F30M, EPYK, G30M, O28M, YUK8, PINM, STKA, L29M, K29M, M29M, I30M, BRWY, INK, J30M, YUK4, G31M, F31M, YUK6, O29M, H31M, M30M, N30M, HYT, P29M, N31M, ARCES, P30M, O30M, M31M, PLBC, WHY, SKAG, KBZ, KIV, KIV, S31K, C36M, N32M, P32M, R32M, P33M, SIT, S32K, Q32M, R33M, FINES.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like U33K, S34M, CRAC, DLBC, T35M, V35K, U35K, AK03, AKASG, AKB6, AK09, AK01, KIEV, AK08, AK04, AK02, AK10, AK11, AK05, AK22, AK15, AK12, AK21, AK18, AK16, MI28, LUBAR, RNPP9, YKA, YKAW1, YKAW1, BR131, BRTR, HFS, NC405, NB2, NOA, BUR08, BURAR, CLL, RONA, CONA, GERES, ARSA, MOA, BIOA, KBA, MYKA, LESA, WATA, WTTA, MOTA, FFC, FETA, EKA, DAVA, NVAR, BW06, BW06, PDAR, ULM, QSPA.

Station coordinates and parameters:
IDC 03 12:07:19.2; 1.4, 31.27N; 128.32E, h0km, mb3.4/3, mbtmp3.5/6, ML3.3/3, Error ellipse: s-maj=38.7km, s-min=17.1km, az=200.
JMA 03 12:07:19.5; 0.4, 31.3N; 0.7; 128.7E; 1.0, h6km, 3km, MV3.9/34, SW OFF KYUSHU.
ISC 03 12:07:18.9; 3.3, 31.32N; 0.05; 128.75E; 0.08, h1km, 22km, n15, c0519, mb3.5, Northwest of Ryukyu Islands.
Code Station Name Az El Op Phase ID Time Res
JSJ Fukushima 0.90 66 eP Pb 12 07 36.8 -0.4
JFU Fukujo jima 2 1.33 360 eP Ss 12 07 48.7 -1.0
JFU Fukujo jima 2 1.33 360 eS Ss 12 08 02.5 +0.3
JFU Suzyama 1.47 82 eP Ss 12 07 47.2 +0.3
JSU Kuchinoerabu 1.51 124 eS Ss 12 08 07.3 +1.2
JKC Kuchinoerabu 1.51 124 eS Ss 12 07 48.0 +0.4
JKC Kuchinoerabu 1.51 124 eS Ss 12 08 07.9 +1.5
JYAK Yakushimahirau 1.86 125 eP Pn 12 07 50.9 -1.0
JTN Tanegashima 2.02 109 eP Pn 12 07 53.6 -0.6
JMNT Minamitane 2.06 116 eP Pn 12 07 54.6 -0.1
JTZ Takazaki 2.07 73 eP Pn 12 07 54.9 +0.1
JIU Isumi 2.14 54 eP Pn 12 07 56.0 +0.1
JNU Nakatsu 2.54 45 Pn Pb 12 08 05.4 +0.1
JNU 23nm, 0.3s, baz=191, slow=17, SNR=32.1 1.1nm, 0.3s, baz=192, slow=18, SNR=17.268nm
KSRS Korea Array 6.16 354 Pn Pn 12 08 51.1 +0.1
KSRS 0.2nm, 0.3s, baz=172, slow=14, SNR=1.3 1.1nm, 0.3s, baz=175, slow=25, SNR=1.6
KSRS 0.7nm, 0.3s, baz=177, slow=29, SNR=5.3 1.0nm, 0.5s 12 10 33.8
MJAR Matsushiro Arr 9.42 54 Pn 12 09 41.7 +5.9
WRA Warramunga Arr 51.25 173 P 0.5nm, 0.9s, baz=354, slow=7.6, SNR=2.0 0.5nm, 0.9s, baz=354, slow=7.6, SNR=2.0
ASAR Alice Springs 54.90 174 P 0.5nm, 0.9s, baz=354, slow=7.7, SNR=7.7 0.5nm, 0.9s
ILAR Eban Array 56.77 30 P 0.3nm, 0.7s, baz=281, slow=7.4, SNR=2.6 0.3nm, 0.7s
JMA 03 12:10:58.9; 0.3, 31.3N; 0.5; 128.7E; 0.8, h13km, 2km, h14, 0/35, SW OFF KYUSHU.
IDC 03 12:11:00.1; 1.7, 31.37N; 128.38E, h0km, mb3.2/2, mbtmp3.4/5, ML3.6/2, Error ellipse: s-maj=37.2km

3d 13h

s-min=20.1km az=98.0

ISC 03 12:11:01.2,1.3,31.31N:0.07,-128.81E:0.08,h10km,m12, c=1577/15, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Includes stations like JSJ, JSU, JYAK, JTN, JMTN, JTZ, JUD, JNU, JSJ, JSU, JYAK, JTN, JMTN, JTZ, JUD, JNU, JSJ, JSU, JYAK, JTN, JMTN, JTZ, JUD, JNU.

ISC 03 12:55:10.8, 39.00N, 27.87E, h14km, ML3.6/22

AFAD 03 12:55:11.0, 39.00N, 27.88E, h14km, ML3.7

ISC 03 12:55:11.0, 39.00N, 27.88E, h14km, ML3.7

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Includes stations like AKHS, AKS, AKS, GORD, GORD, GOMA, GOMA, SOMA, SOMA, KTTT, KTTT, STEP, STEP, CAMT, CAMT, ZEDA, ZEDA, BALB, BALB, DEMI, DEMI, DEMI, DEMI, BKES, BKES, BKES, BKES, MANT, MANT, MANT, MANT, ODEM, ODEM, IZMD, IZMD, IZMD, IZMD, DURS, DURS, DURS, DURS, DKL, DKL, BALLY, BALLY, KULA, KULA, BUHA, BUHA, BUHA, BUHA, DUST, DUST, DUST, DUST, SIMA, SIMA, SMAA, SMAA, IZMR, IZMR, IZMR, IZMR, BAGT, BAGT, BAGT, BAGT, BLKS, BLKS, BLKS, BLKS, BLCB, BLCB, KIRA, KIRA, KIRA, KIRA, USAK, USAK, USAK, USAK, FOCM, FOCM, SUSR, SUSR, AYVA, AYVA, AYVA, AYVA, CMHT, CMHT, CMHT, CMHT, AYBD, AYBD, GONE, GONE, YENI, YENI.

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Table with columns: NAZL, Nazilli-Aydin, 1.09 163, Pn, 12 55 32.3 +0.5. Includes stations like KRBN, KRBN, SULTU, SULTU, SULTU, SULTU, EMET, EMET, EMET, EMET, URLA, URLA, URLA, URLA, URLA, URLA, GEDZ, GEDZ, CANM, CANM, GMLD, GMLD, KARB, KARB, KARB, KARB, DGB, DGB, DGB, DGB, GDZ, GDZ, GDZ, GDZ, ESEN, ESEN, ESEN, ESEN, BAYC, BAYC, BAYC, BAYC, ORLT, ORLT, ORLT, ORLT, ZEYE, ZEYE, ZEYE, ZEYE, AYDN, AYDN, AYDN, AYDN, BAND, BAND, GCAM, GCAM, GCAM, GCAM, PASA, PASA, PASA, PASA, KOCA, KOCA, KOCA, KOCA, ULDT, ULDT, ULDT, ULDT, CNKL, CNKL, CNKL, CNKL, BNAZ, BNAZ, BNAZ, BNAZ, MADA, MADA, MADA, MADA, DOMA, DOMA, DOMA, DOMA, DDIM, DDIM, DDIM, DDIM, BOZC, BOZC, BOZC, BOZC, DNIZ, DNIZ, DNIZ, DNIZ, ECEA, ECEA, ECEA, ECEA, TAVA, TAVA, TAVA, TAVA, NEIC, NEIC, RSPR, RSPR, SDD, SDD.

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Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Includes stations like AGPR, AGPR, PRSN, PRSN, PRSN, PRSN, LSP, LSP, LSP, LSP, AOPR, AOPR, AOPR, AOPR, AOPR, AOPR, EMPP, EMPP, UUPR, UUPR, UUPR, UUPR, CRPR, CRPR, CRPR, CRPR, MLPR, MLPR, MLPR, MLPR, MLPR, MLPR, HIDR, HIDR, HIDR, HIDR, ECPR, ECPR, ECPR, ECPR, CELP, CELP, CELP, CELP, OBIP, OBIP, OBIP, OBIP, SMDR, SMDR, SMDR, SMDR, SJG, SJG, SJG, SJG, IGPR, IGPR, IGPR, IGPR, DR12, DR12, DR12, DR12, PDRP, PDRP, PDRP, PDRP, HUMP, HUMP, HUMP, HUMP, CUPR, CUPR, CUPR, CUPR, BANI, BANI, BANI, BANI, SDDR, SDDR, SDDR, SDDR, REDR, REDR, REDR, REDR, ZKR, ZKR, ZKR, ZKR, NPS, NPS, NPS, NPS, SIT2, SIT2, SIT2, SIT2, IDI, IDI, IDI, IDI, GVD, GVD, GVD, GVD, VAM, VAM, VAM, VAM, IMMV, IMMV, IMMV, IMMV, KARP, KARP, KARP, KARP, THRA, THRA, THRA, THRA, THR8, THR8, THR8, THR8, SNT5, SNT5.

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like L15K Ungalak Mouna, I21K Tanana, E29M Blow River, etc.

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like FETA Feichten, MOTA Moosalm, SQTA Saru Quirin, etc.

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

UPA 03 14:10:33.1±1.2, 5.90N-82.50W, h8km, 22km, MW4.3, Presumed earthquake
IDC 03 14:10:34.2±0.9, 5.88N-82.41W, h0km, mb3.6/8, mbtmp3.9/15, ML3.5/7, MS3.9/8, Error ellipse: s-maj=28.9km s-min=16.5km az=49.0
NEIC 03 14:10:34.6±1.2, 5.88N-82.82W, h0km, mb4.5/42, Error ellipse: s-maj=18.1km s-min=10.1km

Table with columns: Code, Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like CACAO EI Cacao, Verat, CACAO EI Cacao, Verat, etc.

215

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BELE, PILE, PTAC, JTS, etc.

2020 MAY

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ESDC, EKA, ASAR, WRA, etc.

3d 14h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AAK, FRU1, Bishkek, etc.

3d 15h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like MAKZ, JOSI, MK31, etc.

2020 MAY

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like NR1K, CMAR, AKASG, etc.

216

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like ESBB, ESDC, NEEM, etc.

IDC 03 15:03:48.2±1.5, 18°12'Sx178°14'W, h596km, 17km, mb3.3/10, mbmtp4.2/11, Error ellipse: s-maj=20.2km s-min=14.6km az=130.0 NEIC 03 15:03:48.1±0.9, 18°06'S:0°08'178°0'W:0.1, h598km, 6km, mb4.1/37, Error ellipse: s-maj=19.4km s-min=11.6km az=90.0

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like MSVF, MSVF, URZ, etc.

3d 17h

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

IDC 03 16:39:12.1±1.5, 7.08S, 129.15E, h156km, 15km, mb3.7/11, mbmp4.3/16, Error ellipse: s-maj=13.9km s-min=9.6km az=54.0

NEIC 03 16:39:14.1±1.4, 7.05S, 129.07E, h169km, 6km, mb4.5/34, Error ellipse: s-maj=10.4km s-min=9.8km az=190.0

DJA 03 16:39:14.6±0.2, 7.52S, 129.9E, h148km, 5km, M4.7/36, mb4.8/36, mb5.2/18, MLV5.0/27, Mw(mb)4.6/18, MwMwps 2.1, Mwps 4.7

IDC 03 16:39:12.8±0.4, 7.14S, 129.22E, h156km, n138, a191°145, mb4.3/23, 1C, Banda Sea

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

2020 MAY

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

IDC 03 16:44:33.8±2.8, 20.91S, 178.24W, h402km, 26km, mb3.3/4, mbmp4.2/6, Error ellipse: s-maj=60.2km s-min=22.0km az=45.0

NEIC 03 16:44:34.1±1.1, 21.1S, 178.3W, h388km, 9km

220

mb4.2/16, Error ellipse: s-maj=21.8km s-min=6.7km az=221.0

ISC 03 16:44:34.9±0.9, 21.1S, 178.4W, h400km, n27, a076°27, mb4.0/9, Fiji Islands region

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

IDC 03 16:47:41.1, 1.3, 34°21'N, 25°83'E, h0km, mb3.4/5, mbmp3.4/11, ML3.0/6, Error ellipse: s-maj=35.8km s-min=14.9km az=33.0

ISC 03 16:47:44.3±1.2, 34°13'N, 25°8E, 0.1, h26km, n12, a088°14, mb3.3/5, Crete

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

IDC 03 16:58:35.8±2.5, 2.40N, 128.45E, h215km, 25km, mb3.1/6, mbmp3.6/7, Error ellipse: s-maj=45.9km s-min=14.6km az=61.0

DJA 03 16:58:35.0±0.4, 2°N, 3.12°E, h191km, 4km, M3.9/17, mb4.4/3, mb4.2/5, MLV3.8/17, Mw(mb)3.0/8

ISC 03 16:58:34.4±0.9, 2.48N, 128.34E, 0.53, h200km, n16, a085°19, mb3.4/5, Halmahe

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

IDC 03 17:02:55.7±1.3, 34°19'N, 25°92'E, h0km, mb3.6/6, mbmp3.4/9, ML3.1/3, Error ellipse: s-maj=26.5km s-min=18.0km az=29.0

ISC 03 17:02:59.1±0.9, 34°22'N, 25°94E, 0.09, h26km, n10, a150°13, mb3.7/5, Crete

Table with columns: IDI, Anoyia, 1.43 323 Pn, 17 03 22.9 -0.5, etc.

NIED 03 17:03:23.5, 31.29N; 128.63E, h15km, MW4.1, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mv=0.25; Mw=0.26; Ms=0.51; Mo=0.51; Ml=1.32; Mv=0.22; Fault plane solution: Mo1,47000x1015 NP1; o=171.00000; s=69.00000; l=179.00000; NP2: o=81.00000; s=89.00000; l=21.00000; JMA 03 17:03:22.6, 0.213N; 0.128E; 0.6, h15km, 2km, MW4.3/27, SW OFF, YUSHU IDC 03 17:03:24.0, 0.9, 31.14N; 128.39E, h0km, mb3.6/6, mbmj=30.2km s-min=17.1km az=100.0 ISC 03 17:03:25.1, 0.9, 31.27N; 128.74E; 0.07, h10km, n27, o=139/17, mb3.6/6, MS3.5/29, Northwest of Ryukyu Islands

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

Main table with columns: RKPI, Ransiki, Papua, 18.41 216 P, 17 35 36.3 +0.8, etc.

Main table with columns: PETK, comp=Z, 8.4nm, 0.7s, baz=151, slow=1.4, SNR=11, etc.

O29M	Mount Kennedy	71.59	31	P	P	17 42 37.1 +0.6
YUK4	Talbot Arm	71.64	30	P	P	17 42 37.7 +0.9
D27M	Malcolm River	71.71	21	P	P	17 42 37.8 +0.9
YUK6	Outpost Mouna	71.74	30	P	P	17 42 37.4 -0.2
M29M	Somme Creek	71.83	28	Iamb	Iamb	17 42 40.3
M29M	Somme Creek	71.83	28	P	P	17 42 38.5 +0.7
F28M	Old Crow	71.85	23	P	P	17 42 40.4 +0.6
P29M	Windy Craggy	71.96	31	Iamb	Iamb	17 42 40.8
P29M	Windy Craggy	71.96	31	P	P	17 42 39.0 +0.4
L29M	L29M	72.04	28	Iamb	Iamb	17 42 41.3
L29M	L29M	72.04	28	P	P	17 42 39.5 +0.5
E28M	Babbage River	72.12	22	P	P	17 42 40.3 +0.9
J29N	Klondike Camp	72.13	26	P	P	17 42 40.2 +0.6
HYT	Haines Junction	72.15	30	Iamb	Iamb	17 42 42.0
HYT	Haines Junction	72.15	30	P	P	17 42 40.6 +0.8
I29M	Ogilvie Camp	72.19	25	P	P	17 42 40.8 +1.0
H29M	Whitestone	72.26	24	P	P	17 42 41.2 +1.0
K29M	Barlow Dome	72.38	27	P	P	17 42 41.9 +0.8
P30M	Million Dollar	72.38	31	P	P	17 42 41.9 +0.8
N30M	Aishikik Lake	72.40	30	P	P	17 42 41.9 +0.7
G29M	Pine Creek	72.47	24	P	P	17 42 42.4 +0.9
D28M	Stokes Point	72.50	21	P	P	17 42 42.5 +1.0
M30M	Minto, Yukon	72.61	28	P	P	17 42 43.3 +0.9
PLBC	Pleasant Camp	72.65	32	P	P	17 42 43.6 +1.0
S31K	Pelican	72.66	33	P	P	17 42 43.4 +0.8
E29M	Blow River	72.69	22	P	P	17 42 43.7 +1.0
O30N	Mendenhall	72.84	30	P	P	17 42 44.7 +0.9
EPYK	Eagle Plains	72.94	24	P	P	17 42 45.1 +0.9
J30M	Hart River	72.95	26	P	P	17 42 45.5 +1.0
I30M	Mount Dempster	72.98	26	P	P	17 42 45.2 +0.5
N31M	Braeburn, Yuko	73.03	30	P	P	17 42 45.8 +0.9
SIT	Sitka	73.13	34	P	P	17 42 45.7 +0.3
SKAG	Skagway	73.18	32	P	P	17 42 46.4 +0.7
G30M	Aoah Zraii Nji	73.18	24	P	P	17 42 46.6 +0.9
F30M	Barrier River	73.20	23	P	P	17 42 47.4 +0.5
WHY	Whitese	73.43	30	Iamb	Iamb	17 42 49.4
WHY	Whitese	73.43	30	P	P	17 42 47.8 +0.5
S32K	Killsnoo	73.54	34	P	P	17 42 48.4 +0.5
R32K	Eaglecrest	73.58	33	P	P	17 42 49.3 +1.2
JIS	Juneau Island	73.65	33	P	P	17 42 49.8 +1.3
M31M	Drury Creek, Y	73.71	29	Iamb	Iamb	17 42 50.0
M31M	Drury Creek, Y	73.71	29	P	P	17 42 50.0 +1.1
H31M	Peel River	73.86	25	P	P	17 42 50.3 +0.6
G31M	Satah River	73.95	24	Iamb	Iamb	17 42 52.0
G31M	Satah River	73.95	24	P	P	17 42 50.4 +0.3
P32M	Atlin	74.00	32	P	P	17 42 50.6 0.0
F31M	Tsiigehtich	74.18	23	P	P	17 42 52.1 +0.7
INK	Inuvik	74.29	27	P	P	17 42 51.5 -0.5
INK	Inuvik	74.29	27	LR	LR	18 14 38.0
INK	Inuvik	74.30	22	P	P	17 42 52.3 +0.2
N32M	Quiet Lake	74.32	30	Iamb	Iamb	17 42 56.1
N32M	Quiet Lake	74.32	30	P	P	17 42 52.4 -0.1
U33K	Whale Pass	74.35	35	P	P	17 42 52.5 -0.1
CRAC	Craig	74.36	36	P	P	17 42 52.8 +0.1
P33M	Teslin, Yukon	74.45	31	P	P	17 42 53.3 +0.1
Q32M	Nakina River	74.75	32	P	P	17 42 55.2 0.0
V35K	Ketchikan	75.23	36	P	P	17 42 58.0 +0.4
S34M	Telegraph Cree	75.38	33	P	P	17 42 58.8 +0.2
R33M	Jennings River	75.41	32	Iamb	Iamb	17 43 01.1
R33M	Jennings River	75.41	32	P	P	17 42 58.5 -0.3
T35M	Bolt Quinn	75.90	34	P	P	17 43 01.6 +0.1
DLBC	Dease Lake	75.94	33	P	P	17 43 01.5 -0.3
DLBC	Dease Lake	75.94	33	P	P	17 43 02.1 +0.3
ABKAR	Akbuk array	76.40	318	P	P	17 43 02.7 -1.8
ARTI	Arti	76.72	325d	P	P	17 43 06.6 +0.4
ARTI	Arti			pP	pP	17 43 35.5 -3.1
ARTI	Arti			pW	pW	17 52 42.9 -0.8
ARTI	Arti			pmax	pmax	
C36M	Paulatuk	77.70	21	P	P	17 43 11.7 +0.3
WRGLY	Wrigley	78.68	27	Iamb	Iamb	17 44 18.8
KIRV	Kirov	81.20	328	I	P	17 43 30.3 -0.2
KHMM	Horse Mountain	82.29	50	Iamb	Iamb	17 43 40.7
H04A	Detroit Lake	82.54	46	Iamb	Iamb	17 43 40.7
KHBM	Hayfork Bally	82.71	50	Iamb	Iamb	17 43 41.6
YKAW3	Yellowknife Wh	82.78	27	Iamb	Iamb	17 43 39.6
YKA	Yellowknife Ar	82.80	27	P	P	17 43 38.2 -0.7
M02C	Callahan	82.83	49	Iamb	Iamb	17 43 42.2
YKAW	Yellowknife Wh	82.86	27	Iamb	Iamb	17 43 40.8
YBH	Yreka Blue Hor	82.87	49	Iamb	Iamb	17 43 42.2
WIFE	Three Sisters-	83.02	46	Iamb	Iamb	17 43 42.7
ALE	Alert	83.12	3	P	P	17 43 40.1 -0.1
ALE	Alert			PcP	PcP	17 43 44.4 -0.2
MXC	Moxie City	83.53	44	Iamb	Iamb	17 43 45.4
MNRC	McLaughlin Min	83.67	52	Iamb	Iamb	17 43 46.5
B08A	Colville Reser	83.75	42	Iamb	Iamb	17 43 45.6
O03E	Paynes Creek	83.84	50	Iamb	Iamb	17 43 46.5

SPITS	Spitsbergen Ar	83.93	351	P	P	17 43 43.8 -0.6
K05A	Summer Lake	83.97	48	Iamb	Iamb	17 43 47.8
HATC	Hat Creek Radi	83.98	50	Iamb	Iamb	17 43 47.6
HAWA	Hanford	84.08	44	Iamb	Iamb	17 43 47.7
ORV	Oroville	84.23	51	Iamb	Iamb	17 43 48.4
RES	Resolute Bay	84.46	13	Iamb	Iamb	17 43 48.4
C09A	Chimnan Ranch	84.58	42	Iamb	Iamb	17 43 50.5
MHC	Mount Hamilton	84.62	53	Iamb	Iamb	17 43 51.1
AFDM	Forest Hill	84.77	51	Iamb	Iamb	17 43 51.4
BEKR	Beckworth	85.02	50	Iamb	Iamb	17 43 52.5
NEW	Newport	85.20	42	Iamb	Iamb	17 43 53.6
CMB	Columbia Colle	85.43	52	Iamb	Iamb	17 43 54.7
F10A	Beach Ranch, E	85.73	44	Iamb	Iamb	17 43 56.4
PNTR	Pine Nut	85.78	51	Iamb	Iamb	17 43 58.0
PAHR	Pah Rah Range	85.79	50	Iamb	Iamb	17 43 56.5
WAKR	Wakarusa	86.04	51	Iamb	Iamb	17 43 58.4
PLID	Pearl Lake	86.80	44	Iamb	Iamb	17 44 01.1
LHV	Little Hudson	86.81	52	Iamb	Iamb	17 44 02.8
KVN	Kaiserville	86.92	51	Iamb	Iamb	17 44 02.2
NVAR	Mina Array Bea	86.92	51	P	P	17 44 01.0 +0.7
ARCES	ARCCESS Array B	86.95	342	P	P	17 43 59.0 -0.5
ARCES	ARCCESS Array B	86.95	342	P	P	17 43 58.3 -1.3
DSP	Deep Springs	87.52	52	Iamb	Iamb	17 44 05.1
GMN	Gold Mountain	88.02	52	Iamb	Iamb	17 44 07.6
MPMC	Manual Prospec	88.17	53	Iamb	Iamb	17 44 09.0
GWY	Greenwater Val	88.78	53	Iamb	Iamb	17 44 11.1
BCYI	Bear Canyon	88.80	45	Iamb	Iamb	17 44 11.3
KIV	Kislovodsk	89.10	315	eP	pmax	17 44 13.4 +3.0
KIV	Kislovodsk	89.10	315	eP	pmax	
CCD	Concordia, Ant	89.62	185	P	P	17 44 13.4 +1.1
BLKN	Baker Lake	89.71	22	P	P	17 44 11.7 -0.9
BORC	Borrego Spring	89.78	56	Iamb	Iamb	17 44 15.4
MTPC	Mountain Pass	89.84	54	Iamb	Iamb	17 44 16.3
SHPR	Sho Ranger	89.85	52	Iamb	Iamb	17 44 16.8
PSUT	Pine Spring	90.24	50	Iamb	Iamb	17 44 18.5
YUH	Yuha Desert	90.35	56	Iamb	Iamb	17 44 18.5
FXWY	Fox Creek	90.64	45	Iamb	Iamb	17 44 19.9
MOOV	Moose Ponds	90.80	45	Iamb	Iamb	17 44 20.5
CCUT	Cedar City	90.91	51	Iamb	Iamb	17 44 21.6
LOHW	Long Hollow	90.94	45	Iamb	Iamb	17 44 21.1
FINES	FINES Array B	91.02	335	P	P	17 44 16.7 -2.1
FINES	FINES Array B	91.02	335	P	P	17 44 16.6 -2.2
FINES	FINES Array B	91.02	335	P	P	17 44 16.3 -2.5
LCMT	Little Creek M	91.17	52	Iamb	Iamb	17 44 22.6
W13A	Huapal Mount	91.26	54	Iamb	Iamb	17 44 23.2
VNDA	Vanda	91.58	176	P	P	17 44 20.9 -0.1
PDAR	Pinedale Array	91.95	45	P	P	17 44 23.4 -0.4
PDAR	Pinedale Array	91.95	45	P	P	17 44 24.1 +0.2
P16A	Preston Nutter	92.55	48	Iamb	Iamb	17 44 28.3
X16A	Lo Mia Camp, P	93.38	54	Iamb	Iamb	17 44 33.2
O20A	White River Ci	93.81	47	Iamb	Iamb	17 44 33.7
PV05	Paradox Valley	93.93	49	Iamb	Iamb	17 44 34.5
PV22	Blue Mesa, Par	93.99	49	Iamb	Iamb	17 44 35.7
K22A	Casper	94.07	44	Iamb	Iamb	17 44 34.9
RSSD	Black Hills	95.15	42	P	P	17 44 37.5 -1.0
RSSD	Black Hills	95.15	42	P	P	17 44 37.5 -1.0
NOA	NORSAR Array B	96.91	339	LR	LR	18 32 01.5
ANMO	Albuquerque	97.05	52	I	Pdf	17 44 48.3 +0.9
ANMO	Albuquerque	97.05	52	I	Pdf	
ULM	Lac du Bonnet	97.20	34	P	P	17 44 46.6 -0.7
SNA4	Sanae	118.88	191	PKP	PKPdf	17 50 01.9 -0.2
SNA4	Sanae	118.88	191	PKP	PKPdf	17 50 01.4 -0.6
SNA4	Sanae	118.88	191	PKP	PKP	17 50 02.1 +0.1
SNA4	Sanae	118.88	191	PKP	PKP	17 50 02.2 +0.1
VNA2	Neumayer-Watz	120.32	190	I	P	17 50 05.0 +0.1
VNA3	Neumayer Olymp	120.42	189	I	P	17 50 04.9 -0.2
VNA1	Neumayer-Stat	120.71	190	I	P	17 50 05.8 +0.2
TORD	Tordi Ar. Bea	134.73	305	PKP	PKP	17 50 33.9 0.0
PLCA	Paso Flores	139.07	138	PKP	PKP	17 50 41.3 +0.1
DBIC	Dimbrok	143.69	302	PKP	PKP	17 50 45.8
LPAZ	La Paz	148.13	99	PKP	PKP	17 50 59.5 +1.2
LPAZ	La Paz	148.13	99	PKP	PKP	17 51 00.0 +1.6

TAP 03 17:45:16.2, 23:25'N, 121:57'E, h40km, ML3.2, B
ISC 03 17:45:16.3, 0.9, 23:25'N, 0:02, 121:53'E, 0:02, h34km, 6km,
n129, e1908, 237, Taiwan

Code	Station Name	Δ°	AZ°	Phase ID	Op	Time Res
ECBN	Changbin	0.18	293	iP	S	17 45 23.1 +1.9
ECBN	Changbin	0.18	293	iP	S	17 45 28.0 +0.9
CHKH	Chengcong	0.22	256	iP	S	17 45 23.1 +0.6
CHKH	Chengcong	0.22	256	iP	S	17 45 28.1 +0.3
CHKT	Chengkung	0.28	239	iP	S	17 45 23.6 -0.2
CHKT	Chengkung	0.28	239	iP	S	17 45 29.2 +1.1
EVUL	Yuli	0.30	290	iP	S	17 45 24.5 +0.3
EVUL	Yuli	0.30	290	iP	S	17 45 29.3 +1.4
FULB	Fuli	0.31	261	iP	S	17 45 23.9 -0.3
FULB	Fuli	0.31	261	iP	S	17 45 30.1 +0.9
TWF1	Yuli	0.32	289	iP	S	17 45 24.3 -0.1
TWF1	Yuli	0.32	289	iP	S	17 45 30.2 +0.6
YULB	Yu-hi	0.34	296	iP	S	17 45 24.4 -0.2
YULB	Yu-hi	0.34	296	iP	S	17 45 30.3 +0.1
EHYH	Wanrong	0.36	314	iP	S	17 45 24.8 -0.1
EHYH	Wanrong	0.36	314	iP	S	17 45 30.8 +0.1
EHYH	Hungye	0.38	313	iP	S	17 45 24.9 -0.3
EHYH	Hungye	0.38	313	iP	S	17 45 31.1 -0.2
EHD	Haiduan	0.40	256	iP	S	17 45 25.0 -0.5
EHD	Haiduan	0.40	256	iP	S	17 45 30.5 +0.8
ECS	Chishang	0.41	248	iP	S	17 45 25.8 +0.2
ECS	Chishang	0.41	248	iP	S	17 45 32.8 +1.0
TEGC	Jichi Village	0.47	350	iP	S	17 45 26.4 -0.1
TEGC	Jichi Village	0.47	350	iP	S	17 45 34.1 +0.7
WARBT	Fenglin Townsh	0.52	335			

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Erlin, Liyutan, Szuo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MHL0, MHO Agia Marina, M, etc.

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

RHSSO 03 18:07:16.4:0.5,43.21N:17.98E, h7km,4km, ML2.6/8 PDG 03 18:07:16.2:0.1,43.15N:17.97E, h10km, ML2.7/13, Error ellipse: s-maj=0.4km s-min=0.4km az=0.0

PLC 03 18:07:17.0:0.3,43.19N:17.94E, h4km,3km, ML2.4/11 BEO 03 18:07:16.5:1.0,43.19N:17.99E, h0.02, h6km,9km, n58, c1913/99, 12C-9D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like STON Ston, BRY Bratogost, etc.

MOS 03 18:17:48.4:1.4,47.68N:153.83E, h73km, mb4.4/1, Error ellipse: s-maj=18.5km s-min=5.1km az=70.2 SKHL 03 18:17:48.3:0.2,47.50N:154.10E, h77km,7km, mb4.8/4 IDC 03 18:17:51.9:4.1,47.79N:153.37E, h85km,33km, mb3.3/10, mbmp3.7/13, Error ellipse: s-maj=29.3km s-min=22.3km az=176.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SKR Severo-Kuril's, SKR comp=Z,54nm,0.2s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SKR comp=Z,70nm,12.0s, SKR Severo-Kuril's, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SKR comp=Z,49nm,0.5s, KUR comp=N,65nm,0.5s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KUR comp=N,65nm,0.5s, KUR comp=N,65nm,0.5s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KUR comp=N,65nm,0.5s, KUR comp=N,65nm,0.5s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KUR comp=N,65nm,0.5s, KUR comp=N,65nm,0.5s, etc.

WEL 03 17:58:28.3:1.4,35.5S:16.18E, h162km,49km, MA.05, ML3.8/7, ML4.0/5, Error ellipse: s-maj=23.4km s-min=16.8km az=34.4, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like WMGZ Waionatatin S, HAZ Te Kaha, etc.

RUDO Rudo, RUDO Rudo, BUM Brajici-Budva, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KOME Kolasin, KOME Kome, etc.

YUK comp=E,24nm,0.2s, YUK comp=Z,60nm,0.2s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like YUK comp=Z,20nm,0.1s, YUK comp=N,70nm,0.5s, etc.

IDC 03 18:00:54.9:3.7,35.91N:22.13E, h0km, mb3.4/5, mbmp3.5/5, Error ellipse: s-maj=73.1km s-min=33.9km az=179.0

ATH 03 18:00:59.5:35.76N:21.95E, h31km,9km, ML3.1/8, Latitude uncertainty: 2 km, Longitude uncertainty: 2 km

THE 03 18:01:01.1,36N:4.2E, h15km,17km, M2.8/13, MLh2.8/13

ISC 03 18:01:01.6:1.5,35.81N:0.08,22.09E, h0.06, h53km,14km, n29, c1929/41, mb3.4/4, Central Mediterranean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KTHA Kythira Island, ANKY Antikythira Is, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KIJV Kijevo, IVA Berane, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like H1N2 WAKE ISLAND Hy 29.62 155 T, H1N1 WAKE ISLAND Hy 29.64 155 T, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KURK Kurchatov, KURK Kurchatov, etc.

comp=E,0.8nm,0.7s,baz=303,slow=4.9,SNR=11
 comp=E,0.8nm,0.7s

H03N2 Juan Fernandez 138.14 90 T T 21 10 42.5
 baz=309,slow=77,SNR=8.2

H03N1 Juan Fernandez 138.15 90 T T 21 10 49.4
 baz=309,slow=77,SNR=6.7

H03N3 Juan Fernandez 138.15 90 T T 21 10 49.8
 baz=309,slow=77,SNR=6.5

**IDC 03 18:25:48.3;7.2,21.195;-179.89W,h0km,mb3.9/2,
 mbtmp3.9/2,Error ellipse:s-maj=304.9km
 s-min=71.1km az=146.0,Fiji Islands region**

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
ASAR	Allice Springs	42.64	258	P	P	P	18 33 47.0	+0.1
		1.0nm,0.5s,baz=91,slow=1.1,SNR=27						
		1.0nm,0.5s						
WRA	Warramunga Arr	42.76	263	P	P	P	18 33 47.4	-0.5
		0.6nm,0.3s,baz=100,slow=8.2,SNR=20						
		0.6nm,0.3s						
BRTR	Keskin Array B	145.97	310	P	P	P	18 45 29.6	0.0
		0.3nm,0.7s,baz=64,slow=3.4,SNR=22						
		0.3nm,0.7s						

**IDC 03 18:38:32.8;0.9,34.11N;-26.06E,h0km,mb3.8/13,
 mbtmp3.7/23,ML3.1/7,Error ellipse:s-maj=20.9km
 s-min=12.4km az=13.0**

**ATH 03 18:38:32.8;0.9,34.11N;-26.06E,h23km,1.1km,ML3.0/6,
 Latitude uncertainty: 2 km; Longitude uncertainty: 1 km
 THE 03 18:38:40.6;3.4N;10.2E,h65km,18km,M2.8/6,
 MLh2.8/6**

**ISC 03 18:38:36.9;2.5,34.07N;0.07;-26.04E;0.05,h30km,17km,
 n52,e138/66,mb3.8/13,Crete**

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
ZKR	Zakros	1.06	8	P	P	P	18 38 56.5	+0.9
ZKR	Zakros	1.06	8	P	P	P	18 39 08.9	+1.2
SIT2	Siteia	1.14	3	P	P	P	18 38 57.6	+0.9
SIT2	Siteia	1.14	3	P	P	P	18 39 11.4	0.0
NPS	Neapolis	1.25	344	P	P	P	18 38 58.1	-0.2
NPS	Neapolis	1.25	344	P	P	P	18 39 12.5	-1.5
IDI	Anoia	1.54	322	P	P	P	18 39 03.0	+0.6
		6.2nm,0.3s,baz=223,slow=2.2,SNR=9.1						
IDI	Anoia	1.54	322	P	P	P	18 39 21.4	-0.1
		8.8nm,0.3s,baz=336,slow=19,SNR=8.8						
IDI	Anoia	1.54	322	P	P	P	18 39 03.2	+0.8
		1.54	322	P	P	P	18 39 19.7	+1.8
IDI	Anoia	1.54	322	P	P	P	18 39 02.9	+0.4
		1.54	322	P	P	P	18 39 21.2	-0.3
IDI	Karpathos	1.74	32	P	P	P	18 39 06.8	+1.6
KARP	Karpathos	1.74	32	P	P	P	18 39 25.8	-0.6
KARP	Karpathos	1.74	32	P	P	P	18 39 06.3	+1.1
KARP	Karpathos	1.74	32	P	P	P	18 39 27.9	+1.6
GVD	Gavdhos	1.79	296	P	P	P	18 39 06.7	+1.0
GVD	Gavdhos	1.79	296	P	P	P	18 39 26.6	-0.9
VAM	Vamos	2.02	312	P	P	P	18 39 09.1	+0.2
VAM	Vamos	2.02	312	P	P	P	18 39 31.8	-1.4
IMMV	Iera Moni Meta	2.19	310	P	P	P	18 39 11.9	+0.5
IMMV	Iera Moni Meta	2.19	310	P	P	P	18 39 36.0	-1.4
IMMV	Iera Moni Meta	2.19	310	P	P	P	18 39 11.9	+0.6
THERA	Ancient Thera	2.34	349	P	P	P	18 39 12.9	-0.5
THERA	Ancient Thera	2.34	349	P	P	P	18 39 38.6	-2.5
THERA	Ancient Thera	2.34	349	P	P	P	18 39 12.5	-0.7
THERA	Ancient Thera	2.34	349	P	P	P	18 39 20.4	+1.5
ARG	Arkangelos	2.74	38	P	P	P	18 39 20.4	+1.5
MMAI	Mount Meron Ar	7.89	95	P	P	P	18 40 27.3	-2.3
		0.4nm,0.3s,baz=264,slow=13,SNR=1.1						
		0.3nm,0.3s,baz=248,slow=19,SNR=1.6						
		0.2nm,0.3s						

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
BRTR	Keskin Array B	8.30	45	P	P	P	18 40 34.8	-0.6
		0.1nm,0.3s,baz=222,slow=16,SNR=4.2						
		0.4nm,0.6s						
EIL	Elat	8.75	118	Pn	Pn	Pn	18 40 40.3	-1.1
		0.8nm,0.3s,baz=345,slow=2.8,SNR=11						
EIL	Elat	8.75	118	Pn	Pn	Pn	18 42 13.1	-5.9
		0.3nm,0.3s,baz=359,slow=19,SNR=9.1						
		2.2nm,0.3s						
ASF	Jabal al Asfar	9.30	99	Pn	Pn	Pn	18 40 48.7	-0.3
		baz=115,slow=24,SNR=2.2						
ASF	Jabal al Asfar	9.30	99	Pn	Pn	Pn	18 42 26.1	-6.5
		0.1nm,0.3s,baz=116,slow=24,SNR=1.4						
		0.4nm,0.3s						
VAE	Valguarnera	10.04	293	Pn	Pn	Pn	18 40 59.5	+0.4
		4.4nm,0.6s,baz=11,slow=22,SNR=1.7						
VAE	Valguarnera	10.04	293	Pn	Pn	Pn	18 42 47.0	-3.7
		0.4nm,0.3s,baz=344,slow=23,SNR=1.6						
SOKA	Sotho	15.12	330	eP	P	P	18 42 12.8	-0.3
		0.8nm,0.5s						
OBKA	Obir	15.19	328	eP	P	P	18 42 15.2	+1.2
		0.7nm,0.4s						
RONA	Rosalia, Austr	15.47	335	eP	P	P	18 42 19.3	+2.3
		1.6nm,0.6s						
CONA	Conrad Observa	15.82	334	ePn	Pn	Pn	18 42 19.6	+2.2
		0.3nm,0.2s						
GNI	Garni	16.10	62	Pn	Pn	Pn	18 42 21.4	+0.3
		6.3nm,0.4s,baz=354,slow=10,SNR=7.9						
KBZ	Khabaz	16.26	49	Pn	Pn	Pn	18 42 23.9	+0.9
		0.1nm,0.3s,baz=230,slow=7.0,SNR=5.5						
		0.7nm,1.1s						
MOA	Molln	16.36	331	eP	P	P	18 42 27.2	+0.2
		0.3nm,0.3s						
LESA	Schwarzeal	16.72	327	eP	Pn	Pn	18 42 30.6	+1.7
		0.3nm,0.2s						
AKASG	Malin Array Be	16.79	7	Pn	Pn	Pn	18 42 29.3	-0.3
		0.9nm,0.5s,baz=193,slow=11,SNR=9.4						
WTTA	Wattenberg	17.09	325	iP	P	P	18 42 38.2	+3.1
		1.2nm,0.5s						
WATA	Walderalm	17.17	325	iP	P	P	18 42 37.2	+1.3
		2.6nm,0.7s						
SQTA	Sankt Quirin	17.26	324	iP	P	P	18 42 37.8	+0.8
		1.7nm,0.5s						
FETA	Feliten	17.36	323	iP	P	P	18 42 39.1	+1.0
		2.4nm,0.7s						
GERES	GERESS Array B	17.39	332	P	Pn	Pn	18 42 37.4	+0.2
		baz=148,slow=11,SNR=6.5						
		0.3nm,0.4s						
MOTA	Moosalm	17.40	324	ePn	P	P	18 42 38.9	+0.3
		0.4nm,0.3s						
DAVOX	Davos/Dischmat	17.64	321	P	P	P	18 42 41.7	+0.4
		0.1nm,0.3s,baz=140,slow=16,SNR=5.3						
		1.1nm,0.7s						
DVA	Damuelis	17.97	322	ePn	Pn	Pn	18 42 44.0	-0.5
		0.7nm,0.3s						
CALL	Collm	19.65	335	eP	P	P	18 43 04.0	+0.8
		0.7nm,0.3s						
ESDC	Sonsecq Array	24.59	42	P	P	P	18 43 04.2	-0.1
		0.7nm,0.7s,baz=82,slow=9.6,SNR=12						
		0.9nm,0.7s						

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
							h m s	ISC
FINES	FINESS Array B	27.39	0	P	P	P	18 44 17.3	-2.0
		1.5nm,0.5s,baz=174,slow=9.2,SNR=10						
		1.5nm,0.7s						
NOA	NORSAR Array B	28.64	345	P	P	P	18 44 29.6	-0.9
		0.5nm,0.8s,baz=156,slow=9.0,SNR=1.2						
EKA	Eskdalemuir Arr	29.35	325	P	P	P	18 44 37.5	+0.7
		0.4nm,0.6s,baz=122,slow=10,SNR=3.7						
		0.4nm,0.6s						
TORD	Torodi Arr Be	30.37	233	P	P	P	18 44 46.5	+0.2
		1.7nm,0.6s,baz=33,slow=7.1,SNR=5.3						
		0.7nm,0.6s						
ARCES	ARCCESS Array B	35.52	360	P	P	P	18 45 27.7	-3.0
		1.6nm,0.8s,baz=172,slow=9.4,SNR=5.4						
BVAR	Borovoye Array	36.59	42	P	P	P	18 45 39.8	-0.3
		1.2nm,0.3s,baz=246,slow=7.4,SNR=5.1						
		1.2nm,0.9s						
KURBB	Kurchatov Arra	41.26	50	Pn	Pn	Pn	18 46 19.8	+0.7
		1.6nm,0.6s,baz=276,slow=8.0,SNR=21						
		1.6nm,0.6s						
MKAR	Makanchi Array	43.78	56	P	P	P	18 46 40.8	+1.1
		1.4nm,0.6s,baz=275,slow=6.8,SNR=14						
		1.4nm,0.6s						
ZALV	Zalesovo Beam	45.25	45	P	P	P	18 46 51.4	+0.1
		1.8nm,0.5s,baz=262,slow=8.6,SNR=12						
		1.8nm,0.5s						
SONMI	Songino Array	59.62	50	P	P	P	18 48 39.1	+1.0
		0.7nm,0.5s,baz=294,slow=6.8,SNR=4.5						
		0.7nm,0.5s						
SCHO	Schefferville	64.49	320	P	P	P	18 49 10.4	-0.1
		2.0nm,0.8s,baz=29,slow=10,SNR=5.3						
		2.0nm,0.8s						
CMAR	Chiang Mai Arr	65.98	83	P	P	P	18 49 21.4	+0.8
		0.4nm,0.8s,baz=293,slow=7.6,SNR=6.5						
		0.4nm,0.8s						
YKA	Yellowknife Arr	78.71	343	P	P	P	18 50 35.9	0.0

0.6nm,0.8s,baz=34

M14K	Bethel	79.44	8	I	Amb	I	19 15 26.9
M14K	Bethel	79.44	8	P	P	P	19 15 25.5 -0.5
NVAR	Mina Array	79.53	44	P	P	P	19 15 28.1 +0.8
NVAR	Mina Array	79.53	44	P	P	P	19 15 27.7 +1.0
NVAR	Mina Array	79.53	44	P	P	P	19 15 27.5 +0.1
M15K	Kasigluk River	79.56	9	P	P	P	19 15 26.4 -0.3
NV11	Mina Array	79.63	44	P	I	Amb	19 15 27.9 +0.1
NV11	Mina Array	79.63	44	P	I	Amb	19 15 29.3
N16K	Nishlik Lake	79.65	10	P	P	P	19 15 27.0 -0.2
O18K	Koktuh Hills	79.71	12	P	P	P	19 15 26.6 -0.9
CN2	Changchun	79.78	322	P	P	P	19 15 28.4 +0.2
CN2	Changchun	79.78	322	P	P	P	19 15 28.4 +0.2
BNX	BinXian	79.86	325	P	P	P	19 15 28.7 +0.2
BNX	BinXian	79.86	325	P	P	P	19 15 28.7 +0.2
L14K	Kuka Creek	79.91	8	P	P	P	19 15 28.1 -0.4
N17K	Nushagak Hills	79.97	11	P	P	P	19 15 28.2 -0.6
M16K	Timber Creek	80.14	10	I	Amb	I	19 15 31.3
M16K	Timber Creek	80.14	10	P	P	P	19 15 30.3 +0.6
O19K	Port Alsworth	80.20	12	P	P	P	19 15 29.0 -1.0
CNPM	China Foot	80.24	14	I	Amb	I	19 15 30.7
K13K	Kusivak Mount	80.25	7	P	P	P	19 15 30.1 -0.1
HOM	Home	80.27	14	P	P	P	19 15 30.3 -0.1
K05A	Summer Lake	80.29	39	I	Amb	I	19 15 32.9
N18K	Kilae Creek	80.34	11	P	P	P	19 15 29.8 -1.0
L15K	Ungalak Mouta	80.39	8	P	P	P	19 15 30.4 -0.6
O20K	Slope Mountain	80.44	13	P	P	P	19 15 30.4 -1.0
WIFE	Three Sisters	80.52	38	I	Amb	I	19 15 33.7
BRLL	Bradley Lake	80.54	14	I	Amb	I	19 15 32.0
BRSE	Bradley Lake	80.55	14	P	P	P	19 15 31.2 -0.7
H04A	Detroit Lake	80.67	37	I	Amb	I	19 15 33.7
L16K	Owhat River	80.71	9	I	Amb	I	19 15 33.9
L16K	Owhat River	80.71	9	P	P	P	19 15 32.6 0.0
RED	Redoubt Volcan	80.72	13	I	Amb	I	19 15 32.3
N19K	Bonanza Creek	80.73	12	P	P	P	19 15 31.5 -1.4
M17K	Holtina River	80.75	10	P	P	P	19 15 33.2 +0.4
S11A	Rachel	80.84	46	I	Amb	I	19 15 35.6
PINE	Pine Mountain	80.87	38	I	Amb	I	19 15 35.9
K15K	Wolf Creek Mtn	80.98	8	P	P	P	19 15 34.3 +0.3
M18K	Stony River	81.11	11	P	P	P	19 15 34.3 -0.4
SEW	Seward	81.17	14	P	P	P	19 15 33.8 -1.2
PRN	Pahroc Range	81.20	46	I	Amb	I	19 15 37.9
HOOD	Middle Hood Mtn	81.35	37	I	Amb	I	19 15 37.6
Q23K	Louisa Island	81.36	16	P	P	P	19 15 35.3 -0.7
O22K	Cooper Landing	81.44	14	P	P	P	19 15 36.1 -0.3
GAMB	Gambell	81.50	3	P	P	P	19 15 36.5 -0.1
P23K	Montague Isian	81.58	15	P	P	P	19 15 36.3 -0.8
L18K	Granite Mouta	81.64	10	I	Amb	I	19 15 37.8 +0.4
L18K	Granite Mouta	81.64	10	P	P	P	19 15 37.8 +0.4
K17K	Iditarod Lake	81.84	9	P	P	P	19 15 38.7 +0.2
I07A	Ize	81.89	39	P	P	P	19 15 39.0 -0.2
I07A	Ize	81.89	39	P	P	P	19 15 40.8
STLK	Strandline Lak	81.89	13	I	Amb	I	19 15 38.0
L19K	White Mountain	81.93	11	P	P	P	19 15 38.6 -0.3
M20K	Styx River	81.98	12	P	P	P	19 15 37.8 -1.5
RC01	Rabbit Creek A	81.98	14	P	P	P	19 15 39.3
RC01	Rabbit Creek A	81.98	14	P	P	P	19 15 38.3 -0.8
GNW	Green Mountain	82.04	34	I	Amb	I	19 15 41.0
J16K	Anvik River	82.05	8	P	P	P	19 15 39.5 0.0
LCMT	Little Creek M	82.26	47	I	Amb	I	19 15 43.0
KAIM	Kayak Island	82.30	17	P	P	P	19 15 40.5 -0.3
BELA	Belgora 2	82.30	173	P	P	P	19 15 40.6 -0.1
J17K	VABM Dome	82.37	9	I	Amb	I	19 15 42.1
J17K	VABM Dome	82.37	9	P	P	P	19 15 41.1 0.0
SKT	Port Fidalgo	82.39	13	P	P	P	19 15 39.3 -2.0
FID	Port Fidalgo	82.46	15	P	P	P	19 15 40.0 -1.6
FID	Port Fidalgo	82.46	15	P	P	P	19 15 41.4
EYAK	Cordova Ski Ar	82.47	16	P	P	P	19 15 40.7 -1.0
KNB	Kanab	82.55	47	I	Amb	I	19 15 44.3
KNK	Knik Glacier	82.56	14	I	Amb	I	19 15 42.2
KNK	Knik Glacier	82.56	14	P	P	P	19 15 41.3 -0.8
PMR	Palmer	82.56	14	I	Amb	I	19 15 41.6
PMR	Palmer	82.56	14	P	P	P	19 15 41.4 -0.7
PMR	Palmer	82.56	14	P	P	P	19 15 41.1 -1.0
PSUT	Pine Spruce	82.58	46	I	Amb	I	19 15 44.4
I17K	Unalakleet	82.62	8	P	P	P	19 15 41.8 -0.5
HEH	Heihe	82.68	328	P	P	P	19 15 41.7 -1.2
ANM	Nome	82.75	6	P	P	P	19 15 42.5 -0.5
ELK	Elko	82.76	43	I	Amb	I	19 15 45.2
WUX	Wuxue	82.86	36	I	Amb	I	19 15 45.1
WAZ	Wupatki	82.88	49	I	Amb	I	19 15 46.5
SIT	Sitka	82.88	22	P	P	P	19 15 42.8 -0.9
G08A	Pilot Rock	82.89	38	I	Amb	I	19 15 45.6
SML	Sawmill	82.94	14	I	Amb	I	19 15 52.9
SML	Sawmill	82.94	14	P	P	P	19 15 42.8 -1.2
U33K	Whale Pass	83.00	24	P	P	P	19 15 44.1 -0.2
V35K	Ketchikan	83.03	25	P	P	P	19 15 42.9 -1.6
CUT	Chulitna	83.03	13	P	P	P	19 15 43.3 -1.1
L22K	Petersville	83.04	13	I	Amb	I	19 15 44.0

L22K	Petersville	83.04	13	P	P	P	19 15 42.9 -1.7
M23K	Glacier View	83.06	14	P	P	P	19 15 43.6 -1.1
PPLA	Purkeypile	83.08	12	P	P	P	19 15 43.8 -1.1
E07A	Sunnyside	83.09	36	I	Amb	I	19 15 46.5
PKCU	Pink Cliffs	83.12	47	I	Amb	I	19 15 48.5
BMRM	Bremner River	83.13	16	I	Amb	I	19 15 45.2
BMRM	Bremner River	83.13	16	P	P	P	19 15 44.3 -0.7
H16K	Elim	83.15	7	P	P	P	19 15 44.6 -0.3
K20K	Telida	83.15	11	P	P	P	19 15 44.5 -0.6
HAWA	Hanford	83.18	37	I	Amb	I	19 15 46.9
SCM	Sheep Creek Mo	83.19	14	P	P	P	19 15 44.4 -1.0
MESA	MESA	83.20	18	P	P	P	19 15 45.2 -0.3
KLU	Klutina	83.24	15	I	Amb	I	19 15 45.8
KLU	Klutina	83.24	15	P	P	P	19 15 44.9 -0.7
S31K	Pelican	83.25	21	P	P	P	19 15 45.4 -0.1
G15K	Niukuk	83.30	6	P	P	P	19 15 45.5 -0.2
CRQM	Cirque	83.35	17	I	Amb	I	19 15 46.7
CRQE	Cirque	83.36	17	P	P	P	19 15 45.7 -0.6
TGL	Tana Glacier	83.43	17	I	Amb	I	19 15 47.0
S32K	Killsnoo	83.46	22	P	P	P	19 15 46.4 -0.3
J19K	Poorman	83.47	10	P	P	P	19 15 46.4 -0.2
MTPU	Mount Pierson	83.49	47	I	Amb	I	19 15 50.2
TNA	Tin City	83.51	4	P	P	P	19 15 46.4 -0.3
BJJ2	Beijing	83.52	315	P	P	P	19 15 47.9 +0.5
F14K	Arctic Creek	83.55	5	P	P	P	19 15 46.5 -0.5
PINM	Pinnacle	83.63	18	P	P	P	19 15 47.0 -0.6
VRDI	Verde Repeater	83.65	16	I	Amb	I	19 15 47.6
M24K	Tolsona, Glenn	83.71	15	P	P	P	19 15 47.6 -0.3
GRNC	Granite Creek	83.71	17	I	Amb	I	19 15 48.6
H17K	Granite Mouta	83.73	8	P	P	P	19 15 47.2 -0.6
WAT6	Susitna Watana	83.75	14	P	P	P	19 15 47.8 -0.4
MFID	Camas Ranch	83.77	41	I	Amb	I	19 15 50.1
WAT1	Susitna Watana	83.78	13	P	P	P	19 15 47.2 -1.0
G16K	Koyuk River	83.78	7	P	P	P	19 15 48.2 -0.3
MAW	Mawson	83.87	200	P	P	P	19 15 49.8 +1.1
MAW	Mawson	83.87	200	P	P	P	19 15 49.5 +0.8
J20K	Novitna River	83.89	11	P	P	P	19 15 48.1 -0.6
MCARA	McCarthy VSAT	83.90	16	I	Amb	I	19 15 49.3
MCARA	McCarthy VSAT	83.90	16	P	P	P	19 15 48.4 -0.4
KTH	Kantishna Hill	83.93	12	I	Amb	I	19 15 48.1
F15K	North Star Dit	83.93	6	P	P	P	19 15 48.2 -0.6
CHUM	Chum Lake	83.96	11	P	P	P	19 15 47.7 -1.3
TRF	Thorofare Moun	83.97	12	P	P	P	19 15 47.8 -1.5
BARN	Barnard Glacie	84.01	17	I	Amb	I	19 15 50.1
CTG	China Glacier	84.02	17	P	P	P	19 15 49.3 -0.3
CTGM	China Glacier	84.02	17	I	Amb	I	19 15 50.0
P29M	Windy Craggy	84.04	20	I	Amb	I	19 15 50.6
P29M	Windy Craggy	84.04	20	P	P	P	19 15 49.6 0.0
R32K	Eaglecrest	84.08	22	P	P	P	19 15 49.4 -0.3
H18K	Honhosa River	84.14	8	P	P	P	19 15 48.5 -1.4
G17K	Kiwalik Mouta	84.17	7	P	P	P	19 15 49.6 -0.5
O28M	Mount Upton	84.19	18	P	P	P	19 15 50.2 -0.4
BESE	Besse Moutai	84.19	21	I	Amb	I	19 15 51.6
HARP	HAARP	84.20	15	P	P	P	19 15 49.9 -0.4
DHY	Denali Highway	84.26	14	I	Amb	I	19 15 50.2
DHY	Denali Highway	84.26	14	P	P	P	19 15 50.1 -0.6
F10A	Beach Ranch, E	84.28	38	I	Amb	I	19 15 52.0
O29M	Mount Kennedy	84.30	19	P	P	P	19 15 50.6 -0.4
PLBC	Pleasant Camp	84.35	20	P	P	P	19 15 50.9 -0.1
B08A	Colle Reser	84.41	35	I	Amb	I	19 15 52.1
BPAW	Bear Paw Mtn	84.41	12	P	P	P	19 15 49.8 -1.4
I20K	Madenedeneel	84.41	10	P	P	P	19 15 50.7 -0.4
GSI	Gunungstoli	84.43	273	P	P	P	19 15 52.0 -0.5
MCK	McKinley	84.50	13	I	Amb	I	19 15 51.6
MCK	McKinley	84.50	13	P	P	P	19 15 50.3 -1.4
PAX	Paxson	84.62	15	P	P	P	19 15 51.0 -1.4
P30M	Million Dollar	84.67	20	P	P	P	19 15 52.9 +0.3
SKAG	Skagway	84.69	21	P	P	P	19 15 52.9 +0.3
HLID	Halley	84.73	41	I	Amb	I	19 15 55.2
YUK8	Steele Glacier	84.73	18	P	P	P	19 15 52.9 -0.3
T35M	Bob Quinn	84.74	24	P	P	P	19 15 53.0 0.0
M26K	Nabesna, AK	84.75	16	P	P	P	19 15 52.5 -0.5
H19K	Roundabout M3	84.77	9	P	P	P	19 15 52.4 -0.5
G18K	Tagewik	84.81	8	P	P	P	19 15 52.0 -1.2
YUK6	Outpost Mouta	84.87	17	P	P	P	19 15 53.3 -0.6
YUK3	Moose Creek	84.93	17	P	P	P	19 15 53.6 -0.4
H20K	Anotleneega M3	84.99	10	P	P	P	19 15 53.6 -0.4
F17K	Baldwin Pennin	85.00	7	P	P	P	19 15 53.3 -0.7
BRWY	Burwash Landin	85.01	18	P	P	P	19 15 53.9 -0.4
M27K	Edge Creek, AK	85.01	16	I	Amb	I	19 15 55.3
M27K	Edge Creek, AK	85.01	16	P	P	P	19 15 54.1 -0.3
MENT	Mentasta	85.02	15	I	Amb	I	19 16 22.0
HYT	Hains Junctio	85.04	19	P	P	P	19 15 54.0 -0.6

S34M	Telegraph Cree	85.06	23	P	P	P	19 15 55.0 +0.5
YUK4	Talbot Arm	85.11	18	P	P	P	19 15 54.8 -0.1
SRU	San Rafael Sve	85.14	4				

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Error Error, Elevation Error Error, Azimuth Error Error Error, Elevation Error Error Error. Includes stations like M31M Drury Creek, C18K Utukok River, I26K Coal Creek, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Error Error, Elevation Error Error, Azimuth Error Error Error, Elevation Error Error Error. Includes stations like F30M Barrier River, VNA3 Neumayer Olymp, E29M Blow River, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Error Error, Elevation Error Error, Azimuth Error Error Error, Elevation Error Error Error. Includes stations like CHVC Chvalec, OZUR Ostrava-Krasne, OKC Collim, etc.

AGDM		S	Sb	20 04 36.6	+0.3
KMKR	Kumukh	1.17 26	ePG	20 04 23.1	-0.3
KMKR		eS	Pb	20 04 39.7	+1.4
KMKR	Kumukh	1.17 26	ePG	20 04 23.1	-0.3
KMKR		eS	Pb	20 04 39.6	+1.4
ZRD	Zardab	1.26 129	P	20 04 44.2	+0.2
ZRD		S	Pb	20 04 44.1	+3.5
XNQ	Khinaliq	1.32 86	Pn	20 04 24.4	+0.1
XNQ		S	Pb	20 04 42.8	+0.4
BTNK	Botanikuri	1.35 297	PG	20 04 24.9	+0.4
BTNK		S	Pb	20 04 43.1	0.0
GNBR	Gunib	1.37 18	ePG	20 04 45.5	+0.5
GNBR		eS	Pb	20 04 45.2	+1.4
GNBR	Gunib	1.37 18	ePG	20 04 26.4	-0.3
GNBR		eS	Pb	20 04 45.2	+1.4
SEAG	Tbilisi Sea	1.38 300	P	20 04 25.9	+0.9
SEAG		S	Pb	20 04 44.5	+0.5
SEAG	Tbilisi Sea	1.38 300	PG	20 04 25.9	+0.9
SEAG		S	Pb	20 04 44.5	+0.5
IML	Ismayilli	1.38 102	Pn	20 04 25.3	+0.3
IML		S	Pb	20 04 44.4	+0.3
URKR	Urkarakh	1.42 40	ePG	20 04 27.5	-0.1
URKR		eS	Pb	20 04 47.3	+1.9
URKR	Urkarakh	1.42 40	ePG	20 04 27.5	-0.1
URKR		eS	Pb	20 04 47.3	+1.9
QUSAR	Qusar	1.47 72	Pn	20 04 28.2	-0.1
QUSAR		S	Pb	20 04 48.6	+2.0
XNZR	Khunzakh	1.48 9	ePG	20 04 28.3	-0.2
XNZR		eS	Pb	20 04 48.5	+2.5
HNZR	Khunzakh	1.49 9	ePG	20 04 28.3	-0.2
HNZR		eS	Pb	20 04 48.4	+1.0
KAPZ	Kaputan	1.50 240	iP	20 04 28.1	-0.8
KAPZ		S	Pb	20 04 48.3	+0.7
KDMR	Kurdemir	1.53 117	Pn	20 04 49.3	+1.4
KDMR		S	Pb	20 04 49.5	+1.3
KZRT	Kazreti	1.54 282	P	20 04 24.1	-3.1
KZRT		S	Pb	20 04 44.2	-2.1
KZRT	Kazreti	1.54 282	PG	20 04 24.1	-3.1
KZRT		S	Pb	20 04 44.2	-2.1
GNI	Garni	1.57 234	P	20 04 29.6	-0.6
GNI		Lg	Lg	20 04 49.9	
GNI		LR	LR	20 05 10.0	
GNI		LR	LR	20 05 10.0	
GNI	Garni	1.57 234	iP	20 04 29.5	-0.6
GNI		eS	Pb	20 04 50.9	+1.3
GNI	Garni	1.57 234	ePG	20 04 29.7	-0.4
GNI		eS	Pb	20 04 51.2	+1.6
GNI	Garni	1.57 234	ePG	20 04 29.7	-0.4
GNI		eS	Pb	20 04 51.2	+1.6
SRTK	Saratovka	1.57 270	iP	20 04 28.2	+0.5
SRTK		iS	Pb	20 04 49.0	+1.8
VAYK	Vayk	1.57 209	iP	20 04 29.1	-1.0
VAYK		iS	Pb	20 04 50.0	+0.3
ARKR	Arakani	1.58 16	ePG	20 04 30.2	-0.1
ARKR		eS	Pb	20 04 51.8	+1.9
ARKR	Arakani	1.58 16	ePG	20 04 30.2	-0.1
ARKR		eS	Pb	20 04 51.8	+1.9
BTLR	Botlikh	1.58 355	ePG	20 04 29.9	-0.4
BTLR		eS	Pb	20 04 52.0	+2.0
BTLR	Botlikh	1.58 355	ePG	20 04 29.9	-0.4
BTLR		eS	Pb	20 04 52.0	+2.0
QUBA	Quba, Azerbaij	1.60 80	Pn	20 04 30.5	-0.1
QUBA		S	Pb	20 04 53.3	+2.9
BLQ	Beylaqan	1.62 147	Pn	20 04 28.9	+0.6
BLQ		S	Pb	20 04 51.4	+0.5
UNCR	Uncukul	1.66 10	ePG	20 04 53.6	+1.6
UNCR		eS	Pb	20 04 30.9	-0.5
UNCR	Uncukul	1.66 10	ePG	20 04 53.6	+1.6
UNCR		eS	Pb	20 04 30.9	-0.5
CHRG	Chargali	1.66 319	P	20 04 53.6	+1.6
CHRG		S	Pb	20 04 29.8	+0.8
SGKR	Sergokala	1.67 34	ePG	20 04 54.8	+2.5
SGKR		eS	Pb	20 04 31.6	-0.1
SGKR	Sergokala	1.67 34	ePG	20 04 54.8	+2.5
SGKR		eS	Pb	20 04 31.6	-0.1
POL	Pirkuli	1.69 99	Pn	20 04 30.2	+0.9
POL		S	Pb	20 04 54.0	+1.1
DRN	Derbent	1.73 56	ePG	20 04 32.7	0.0
DRN		iS	Pb	20 04 55.3	+1.3
DRN		pmax	pmax		
DRN		smax	smax		
DRN	Derbent	1.73 56	ePG	20 04 32.3	-0.4
DRN		eS	Pb	20 04 56.1	+2.1
QRD	Qoradiz	1.77 156	Pn	20 04 30.9	+0.6
QRD		S	Pb	20 04 54.3	+0.7
AMBZ	Amberd	1.77 248	iP	20 04 32.8	-0.7
AMBZ		iS	Pb	20 04 56.9	+1.5
KRNR	Karanyan	1.78 12	ePG	20 04 32.7	-1.0
KRNR		eS	Pb	20 04 32.7	-1.0
KRNR	Karanyan	1.78 12	ePG	20 04 32.7	-1.0
KRNR		eS	Pb	20 04 32.7	-1.0
TRLE	Trialeti	1.79 286	P	20 04 31.2	+0.4
TRLE		S	Pb	20 04 54.5	+1.8
TRLE	Trialeti	1.79 286	P	20 04 31.2	+0.4
TRLE		S	Pb	20 04 54.5	+1.8
HYR	Heyderabad	1.80 221	Pn	20 04 33.3	-0.7
HYR		S	Pb	20 04 58.5	+2.2
SBZ	Shubuz	1.80 201	Pn	20 04 33.1	-1.0
SBZ		S	Pb	20 04 57.1	+1.4
BUJR	Buynaks	1.82 17	ePG	20 04 34.1	-0.2
BUJR		eS	Pb	20 04 58.8	+2.1
BUJR	Buynaks	1.82 17	ePG	20 04 34.1	-0.2
BUJR		eS	Pb	20 04 58.8	+2.1
SHTL	Shatili	1.83 330	P	20 04 33.0	+1.8
SHTL		S	Pb	20 04 56.5	+0.5
SHTL	Shatili	1.83 330	P	20 04 33.0	+1.8
SHTL		S	Pb	20 04 56.5	+0.5
EGVZ	Egvard	1.86 177	iP	20 04 32.9	+1.2
EGVZ		iS	Pb	20 04 56.5	-1.4
SIZA	Siyzn	1.89 89	Pn	20 04 34.3	-1.2
SIZA		S	Pb	20 04 58.2	+1.0
ARUZ	Aruch	1.93 246	ePG	20 04 34.8	-1.4
ARUZ		eS	Pb	20 05 01.3	+1.4
ATGJ	Altighaj	1.93 96	Pn	20 04 35.0	-1.3
ATGJ		S	Pb	20 05 00.0	0.0
DBC	Dubki	1.96 9	ePG	20 04 35.3	-1.4
DBC		eS	Pb	20 05 01.8	+1.0
DBC	Dubki	1.96 9	ePG	20 04 35.3	-1.4
DBC		eS	Pb	20 05 01.8	+1.0
SAAT	Saatly	1.97 128	Pn	20 04 33.0	0.0
SAAT		S	Pb	20 04 57.5	+0.8
DLMR	Dilym	1.99 5	ePG	20 04 35.9	-1.3
DLMR		eS	Pb	20 04 36.0	+1.8
GUDG	Gudauri	1.99 314	ePG	20 04 35.2	+1.6
GUDG		eS	Pb	20 04 59.3	+1.6
GUDG	Gudauri	1.99 314	ePG	20 04 35.2	+1.6
GUDG		eS	Pb	20 04 59.3	+1.6
METS	Metsamor	2.00 243	ePG	20 04 35.4	+1.8
METS		eS	Pb	20 05 01.5	-0.3
GBS	Gobustan	2.00 105	Pn	20 05 04.0	+2.0
GBS		S	Pb	20 05 04.0	+2.0
NAX	Nakhchivan	2.03 200	Pn	20 04 36.3	-1.6
NAX		S	Pb	20 04 36.3	-1.6
NAX	Nakhchivan	2.03 200	Pn	20 04 36.3	-1.6
NAX		S	Pb	20 04 36.3	-1.6
MAK	Makhachkala	2.05 23	ePG	20 05 05.8	+3.1
MAK		eS	Pb	20 05 04.4	+1.2
MAK	Makhachkala	2.05 23	ePG	20 05 05.8	+3.1
MAK		eS	Pb	20 05 04.4	+1.2
MAK	Bogdanovka	2.12 276	P	20 05 04.4	+1.2
MAK		S	Pb	20 05 04.8	-1.3
BGD	Bogdanovka	2.12 276	P	20 05 06.5	+1.0
BGD		S	Pb	20 05 06.5	+1.0
BGD	Bogdanovka	2.12 276	P	20 05 06.5	+1.0
BGD		S	Pb	20 05 06.5	+1.0
IGDI	IGDIR	2.15 236	Pn	20 04 37.0	+1.4
IGDI		S	Pb	20 05 06.7	+0.6
GROC	Groznyy	2.17 348	ePG	20 04 38.4	-1.7
GROC		eS	Pb	20 05 07.0	+0.5
GROC	Groznyy	2.17 348	ePG	20 04 38.4	-1.7
GROC		eS	Pb	20 05 07.0	+0.5
ORD	Ordubad	2.17 188	Pn	20 05 07.7	+0.8
ORD		S	Pb	20 04 38.9	-1.8
VNZV	Vanand	2.19 244	ePG	20 05 09.0	+1.6
VNZV		eS	Pb	20 05 08.2	0.0
AKH	Akhalkalaki	2.22 279	P	20 05 08.2	0.0
AKH		S	Pb	20 04 38.8	+2.2
AKH	Akhalkalaki	2.22 279	P	20 05 08.2	0.0
AKH		S	Pb	20 04 38.8	+2.2
KANR	Karaman	2.26 21	ePG	20 04 40.8	-0.9
KANR		eS	Pb	20 04 38.2	-0.1
KANR	Karaman	2.26 21	ePG	20 04 40.8	-0.9
KANR		eS	Pb	20 04 38.2	-0.1
KANR	Komgaron	2.28 330	ePG	20 04 40.8	-0.9
KANR		eS	Pb	20 04 40.4	-1.7
KANR	Komgaron	2.28 330	ePG	20 04 40.8	-0.9
KANR		eS	Pb	20 04 40.4	-1.7

ALIB	&Aumili-Bayram	2.28 119	Pg	Pb	20 04 40.4	-1.7
ALIB		Sg	Sb	20 05 13.5	+3.6	
ALIG	Mtskhetisjvari	2.30 297	P	Pb	20 04 39.2	+1.6
ALIG		S	Pb	20 05 08.8	-1.8	
ALIG	Mtskhetisjvari	2.30 297	P	Pb	20 04 39.2	+1.6
ALIG		S	Pb	20 05 08.8	-1.8	
VLKR	Vladikavkaz	2.34 327	ePG	Pb	20 04 42.5	-0.7
VLKR		eS	Pb	20 05 15.4	+3.7	
LACR	Lac	2.34 319	ePG	Pb	20 04 41.3	-2.0
LACR		iS	Pb	20 05 11.9	+0.1	
GLBA	Ciliabad	2.39 140	Pn	Pb	20 04 39.4	+0.6
GLBA		S	Pb	20 05 11.9	+0.1	
YRD	Yardimli	2.58 146	Pn	Pb	20 04 42.1	+0.4
YRD		S	Pb	20 05 15.2	-3.6	
ARNR	Ardon	2.62 324	ePG	Pb	20 04 47.5	-0.4
ARNR		eS	Pb	20 05 19.9	+0.3	
ARNR	Ardon	2.62 324	ePG	Pb	20 04 47.5	-0.4
ARNR		eS	Pb	20 05 19.9	+0.3	
GOBA	Gobu	2.62 104	Pg	Pb	20 04 45.2	-2.7
GOBA		Sg	Pb	20 05 23.1	+3.4	
KORR	Kora	2.65 320	ePG	Pb	20 04 47.7	-0.7
KORR		eS	Pb	20 05 18.4	-2.1	
KORR	Kora	2.65 320	ePG	Pb	20 04 47.7	-0.7
KORR		eS	Pb	20 05 18.4	-2.1	
GARIG	Gari	2.67 306	P	Pn	20 05 14.9	+2.2
GARIG		S	Pb	20 04 45.0	+2.2	
BTKR	Batakoyurt	2.67 330	ePG	Pb	20 05 21.9	+0.8
BTKR		eS	Pb	20 04 45.0	+2.2	
BTKR	Batakoyurt	2.67 330	ePG	Pb	20 05 21.9	+0.8
BTKR		eS	Pb	20 04 45.0	+2.2	
NDR	Nardaran	2.77 99	Pn	Pb	20 04 46.4	+2.4
NDR		S	Pb	20 05 20.7	-3.1	
DIGR	Digorskoe uzhe	2.78 312	ePG	Pb	20 04 47.4	+3.0
DIGR		eS	Pb	20 05 21.8	-2.5	
DIGR	Digorskoe uzhe	2.78 312	ePG	Pb	20 05 21.8	-2.5
DIGR		eS	Pb	20 05 21.8	-2.5	
LKR	Lerik	2.86 148	Pn	Pb	20 04 46.5	+1.1
LKR		S	Pb	20 05 21.3	+2.4	
STDR	Stavd-Durt	2.87 324	ePG	Pb	20 04 49.6	-2.5
STDR		eS	Pb	20 05 26.6	-0.2	
STDR	Stavd-Durt	2.87 324	ePG	Pb	20 04 49.6	-2.5
STDR		eS	Pb	20 05 26.6	-0.2	
LSNR	Lesken	2.91 320	ePG	Pb	20 05 26.6	-0.2
LSNR		eS	Pb	20 05 29.1	+1.1	
TRKR	Terskaya	2.91 335	ePG	Pb	20 04 48.5	+2.5
TRKR		eS	Pb	20 05 26.5	-1.5	
GALA	Gala	2.93 102	Pn	Pb	20 04 49.3	-3.9
GALA		S	Pb	20 05 23.2	+2.8	
LKRN	Lenkeran, Azer	2.99 142	Pn	Pb	20 04 47.8	+0.6
LKRN		S	Pb	20 05 24.1	+2.0	

3d 21h

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like SDNS Seddon, MGCS Bleenheim Marib, THZ Tophouse, etc.

2020 MAY

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like EIDS Eidsvold, STKA Stephens Creek, COEN Coenen, etc.

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Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, ISC, h, m, s, ISC. Includes stations like FWVZ Far West T-bar, BHZH Black Hill Sta, MAVZ Mataurangi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WAKE ISLAND Hy 34.40 165 T, YKA Yellowknife Ar 44.76 41 P, KURBB Kurchatov Arra 47.05 301 P, etc.

AZER 03 22:00:36.1, 41.10'N, 46.35'E, h16km, m13.1
NSSP 03 22:00:37.5, 40.98'N, 46.38'E, h10km, Mks,0
MOS 03 22:00:37.0, 41.14'N, 46.45'E, h11km, MPVA3.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VSHL Vashlovani, DDFL Dedoflistskaro, GANJ Ganja, etc.

AFAD 03 22:00:44.8, 37.42'N, 35.95'E, h7km, 2km, ML2.8
ISK 03 22:00:45.2, 37.51'N, 36.01'E, h5km, ML2.712

ISC 03 22:00:45.6, 0.9, 37.45'N, 0.03, 35.97'E, 0.02, h9km, 8km, n25, e131/38, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VSHL Vashlovani, DDFL Dedoflistskaro, GANJ Ganja, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SAAT Saatly, DBC Dubki, METS Metsamor, etc.

AFAD 03 22:00:44.8, 37.42'N, 35.95'E, h7km, 2km, ML2.8
ISK 03 22:00:45.2, 37.51'N, 36.01'E, h5km, ML2.712

ISC 03 22:00:45.6, 0.9, 37.45'N, 0.03, 35.97'E, 0.02, h9km, 8km, n25, e131/38, Turkey

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

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

IDC 03 22:07:05.4, 0.8, 11.13'S, 12.64'W, h0km, mb4.0/13, mbmp4.0/14, ML3.7/1, MS3.6/2, Error ellipse: s-maj=37.1km s-min=16.9km az=120.0

NEIC 03 22:07:06.6, 1.4, 11.15'S, 0.10, 12.79'W, 0.06, h10km, 1km, mb4.6/23, Error ellipse: s-maj=17.5km s-min=6.7km az=155.0

ISC 03 22:07:06.4, 0.6, 11.11'S, 0.10, 12.9'W, 0.1, h10km, n90, e152/58, mb4.5/33, MS3.7/41, Ascension Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASCN Ascension, DBIC Dimbokro, DBIC Dimbokro, etc.

Main table containing station names, codes, frequencies, and various technical parameters. Includes columns for Code, Station Name, Azimuth, Phase, ID, Time, Res, and multiple columns of technical data.

Table with columns for station code, name, frequency, and other parameters. Includes stations like CHVC Chvatec, PRA Prague, BNI Bardonecchia, etc.

Table with columns for station code, name, frequency, and other parameters. Includes stations like UCC Uccle, MOS Moscow, BELG Belogomov, etc.

Table with columns for station code, name, frequency, and other parameters. Includes stations like KURK Kurchatov, BORG Borgarnes, WUS Wushi, etc.

Table with columns: Station Name, Location, Magnitude, Time, and Residual. Includes stations like SADO Sadowa, B20K Meade River, D28M Stokes Point, etc.

Table with columns: Station Name, Location, Magnitude, Time, and Residual. Includes stations like H24K Noodor Dome, G18K Tagagawik, H22K Ishitina Cre, etc.

Table with columns: Station Name, Location, Magnitude, Time, and Residual. Includes stations like O28M Mount Upton, M17K Holltna River, R33M Jennings River, etc.

IDC 04 02:04:15.3±10.0, 9.77N:92.78E, h0km, mb3.4/2, m-bmt3.7/3, ML4.4/1, Error ellipse: s-maj=237.3km s-min=45.4km az=95.0, Nicobar Islands region

VAO 04 02:26:49.8±0.7, 20.64S:69.46W, h2km, 5km, mb4.9, Presumed earthquake SJA 04 02:26:57.1±0.7, 20.54S:69.28W, h2km, 9km, ML4.6, MW4.5

Table with columns: Code, Station Name, Location, Magnitude, Time, and Residual. Includes stations like PB08 IPOC Station P, GO01 Chusmiza, etc.

4d 3h

2020 MAY

Main table containing astronomical data for 2020 May, including station names, coordinates, and observation times. The table is organized into columns for station identifiers, names, coordinates, and various observation parameters.

WEL 04 03:02:17.3-0.9, 32'S-11.1'-18.0'E-2.1, h12km, M4.6/4, mB5.1-1, ML4.5/9, MLV4.6/4, Mw(mB)4.5/1, Error ellipse: m-maj=31.2km s-min=3.4km az=116.7, South of Kermadec Islands

Summary table with columns: Code, Station Name, Az, Phase ID, Time, Res. It lists various stations and their associated data points.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like KRHZ Kereru, PNHZ Pukenui, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like JMK Ichinoseki, JYV Yamagatayusa, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like NJ2, NJ2, etc.

BUI 04 03:03:06.6,30.98N;142.16E,h18km,mB5.1/58,mB4.9/82, Ms5.1/89,M57.5/087

IDC 04 03:03:08.0,0.4,30.93N;141.64E,h0km,mB4.8/34, mbtmp4.8/39,ML3.97,MS4.670,Error ellipse:

NIED 04 03:03:09.1,31.07N;142.13E,h22km,MW5.3,Moment Tensor Solution, s3 Moment tensor: Scale 10^19Nm;

JMA 04 03:03:09.1-0.5,31.1N;142.142E;h22km,MD5.3/22, MW5.2/22,NEAR TORISHIMA IS

NEIC 04 03:03:10.7,31.04N;141.89E,h10km M5.0,Ms5.2/339,Mmw5.3/16,Error ellipse: s-maj=13.0km

MOS 04 03:03:10.3,1.1,31.03N;141.79E,h20km,mB5.4/72, MS5.0/23,Error ellipse: s-maj=7.8km s-min=4.1km

NEIC 04 03:03:11.1,31.14N;142.36E,h12km,Moment Tensor Solution, Duration: 2s1 Moment tensor: Scale 10^19Nm;

GCMT 04 03:03:14.7,0.1,30.98N;0.01;141.96E;0.01,h15km, MW5.2/134,Moment Tensor Solution, s81,c135;

ISC 04 03:03:10.7,0.4,31.05N;0.03;141.93E;0.03,h15km;2km, h15km;pP,n970,o1948/897,mB5.2/311,MS4.9/123,

38C-55D, Southeast of Honshu

Main station list table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like JAOM Aogashimamukai, JHCJ Hachiojimakas, etc.

Main station list table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like ASAJ Asahikawa, JKA Kamikawa-asahi, etc.

Main station list table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like NJ2, NJ2, etc.

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like VABM Dome, NRIK Nori'sk, H17K Granite Mounta, etc.

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like WRAB Tennant Creek, WRB Warramunga Arr, WRI Warramunga Arr, etc.

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like TOLK Toolik Lake Res, USP Ospenovka, BTLS Baital, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Signal. Includes stations like VRDI Verde Repeater, DZA Taraz, M26K Nabesna, CRQM Cirque, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Signal. Includes stations like INK Inuvik, H31M Peel River, F31M Tsigichtic, N31M Braeburn, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Signal. Includes stations like APA iSS, BELG Belogornoye, YKAW Yellowknife, etc.

KIV	comp-Z,37nm,1.1s		pmax	pmax		
KIV	comp-Z,569nm,18.0s		MLR	MLR		
KIV	comp-Z,615nm,comp-Z,34nm,1.0s	75.20 312	P	P	03 14 53.3 +0.5	
SHA1	Shidzhatmaz	75.32 312	i/P	P	03 14 55.2 +1.5	
ORV	Orovillite	75.55 52	IAMB	IAMB	03 15 00.5	
GNI	comp-Z,30nm,1.6s	75.68 308	LR	LR	03 51 00.5	
GNI	Garni	75.68 308	P	P	03 14 57.2 +1.4	
GNI	Garni	75.68 308	i/P	P	03 14 57.9 +2.1	
GNI	comp-Z,35nm,1.2s	75.68 308	P	P	03 14 56.2 +0.4	
GNI	Garni	75.68 308	P	P	03 14 56.2 +0.4	
ERBR	Yeremizino-Bor	75.71 315	e/P	S	03 14 55.0 -0.6	
ERBR			i/S	S	03 14 58.1 -1.8	
ERBR			e/S	S	03 24 36.3 -0.3	
ERBR			pmax	pmax		
ERBR	comp-Z,58nm,1.0s		MLR	MLR		
VSU	comp-Z,946nm,16.0s	75.84 331	i/P	P	03 14 56.8 +0.7	
VSU	Vasula	75.84 331	i/P	P	03 14 56.8 +0.7	
LABN	comp-Z,20nm,0.9s	76.09 314	e/P	S	03 14 57.6 -0.2	
LABN	Labinisk	76.09 314	e/P	S	03 14 57.6 -0.2	
LABN	comp-Z,28nm,0.9s		MLR	MLR		
LABN	comp-N,1µm,17.0s		MLR	MLR		
LABN	comp-Z,1µm,18.0s		MLR	MLR		
LABN	comp-E,701nm,17.0s		MLR	MLR		
RAR	Rarotonga	76.34 125	LR	LR	03 42 48.5	
BZR	comp-E,382nm,19.3s,baz=318,slow=31		LR	LR	03 46 55.7	
URZ	Urewera	76.37 152	LR	LR	03 46 55.7	
SUMG	Summit	76.55 0	i/P	P	03 15 03.2 +2.3	
SUMG	Summit	76.55 0	i/P	P	03 15 04.3	
CMB	comp-Z,19nm,1.2s	77.04 53	IAMB	IAMB	03 15 10.0	
CMB	Columbia Colle	77.04 53	IAMB	IAMB	03 15 10.0	
NUUG	comp-Z,16nm,0.8s	77.14 5	i/P	P	03 15 07.5 +4.3	
NUUG	Nuugaatsiaq	77.14 5	i/P	P	03 15 08.9	
SOC	comp-Z,12nm,1.0s	77.25 313	e/P	S	03 15 05.4 +1.0	
SOC	Sochi	77.25 313	e/P	S	03 15 05.4 +1.0	
SOC			i/S	S	03 15 08.9 +0.2	
SOC			e/SS	S	03 24 54.1 +0.5	
SOC			pmax	pmax	03 29 46.0 -4.9	
SOC	comp-Z,38nm,0.8s		MLR	MLR		
MNK	comp-Z,760nm,17.0s	77.71 327	i/P	P	03 15 07.4 +0.7	
MNK	Minsk	77.71 327	i/P	P	03 15 07.4 +0.7	
MNK	comp-E,16nm,1.1s		i/P	P	03 15 07.4 +0.7	
MNK	comp-N,16nm,1.1s		i/P	P	03 15 07.4 +0.7	
MNK	comp-Z,23nm,1.0s,baz=53		i/P	P	03 15 07.4 +0.7	
MNK			i/PPP	PP	03 18 02.1 +0.7	
MNK			i/SS	SS	03 19 51.7 +2.5	
MNK			i/SSS	SSS	03 30 01.4 +4.3	
MNK			i/SSSS	SSSS	03 33 26.3	
MNK			i/LQ	LQ	03 44 07.3	
MNK			i/LR	LR	03 50 28.5	
MNK			i/LRM	LRM	03 51 57.7	
MNK	comp-E,573nm,16.6s		i/LRM	LRM	03 52 25.4	
MNK	comp-N,772nm,19.6s		i/LRM	LRM	03 52 32.2	
MNK	comp-Z,753nm,17.7s	77.71 327	i/P	P	03 15 07.4 +0.7	
MNK	Minsk	77.71 327	i/P	P	03 15 07.4 +0.7	
MNK			i/PPP	PPP	03 19 51.0	
MNK			i/S	S	03 25 00.6 +2.5	
MNK			i/SS	SS	03 30 01.4 +4.3	
MNK			pmax	pmax		
MNK	comp-Z,23nm,1.0s		pmax	pmax		
MNK	comp-N,16nm,1.1s		pmax	pmax		
MNK	comp-E,16nm,1.1s		pmax	pmax		
MNK	comp-E,573nm,17.0s		MLR	MLR		
MNK	comp-N,772nm,20.0s		MLR	MLR		
MNK	comp-Z,753nm,18.0s		MLR	MLR		
GEVA	Gevas	77.72 307	IAMB	IAMB	03 15 11.2	
ANN	comp-Z,25nm,1.1s	78.03 315	e/P	S	03 15 08.0 -0.6	
ANN	Anapa	78.03 315	e/P	S	03 15 11.9 -1.1	
ANN			e/S	S	03 18 01.7	
ANN			e/S	S	03 25 01.6 -0.3	
ANN			pmax	pmax		
ANN	comp-Z,50nm,1.1s		pmax	pmax		
NVAR	comp-Z,11nm,0.7s,baz=302,slow=5.9,SNR=19	78.27 52	P	P	03 15 11.8 +1.3	
NVAR	Mina Array Bay	78.27 52	P	P	03 15 11.8 +1.3	
FFC	comp-Z,522nm,18.9s,baz=293,slow=34	78.52 32	P	P	03 15 10.3 -0.9	
FFC	Flin Flon	78.52 32	P	P	03 15 10.3 -0.9	
FFC	Flin Flon	78.52 32	P	P	03 15 10.3 -0.9	
KOPT	comp-Z,12nm,0.8s	78.58 310	IAMB	IAMB	03 15 26.4	
KOPT	Kop Dagj	78.58 310	IAMB	IAMB	03 15 26.4	
PABE	comp-Z,23nm,1.1s	78.86 329	IAMB	IAMB	03 15 19.7	
PABE	Paberze	78.86 329	IAMB	IAMB	03 15 19.7	
VES	comp-Z,4nm,0.9s	79.03 55	IAMB	IAMB	03 15 20.4	
VES	Vestla, Richgr	79.03 55	IAMB	IAMB	03 15 20.4	
RPZ	comp-Z,21nm,0.9s	79.33 323	IAMB	IAMB	03 15 17.7	
RPZ	Rata Peaks	79.33 323	IAMB	IAMB	03 15 17.7	
ELK	comp-Z,217nm,21.3s,baz=300,slow=34	79.34 323	LR	LR	03 47 28.4	
ELK	Eiko	79.34 323	LR	LR	03 48 30.0	
AK03	comp-Z,560nm,18.9s,baz=300,slow=34	79.34 323	P	P	03 15 15.6 -0.0	
AK03	Malin Array Si	79.34 323	P	P	03 15 15.6 -0.0	
AKASG	comp-Z,12nm,0.7s,baz=52,slow=5.4,SNR=42	79.31 323	S	S	03 15 20.9 -1.5	
AKASG	Malin Array Bay	79.31 323	S	S	03 15 20.9 -1.5	
AKASG	comp-Z,0.1nm,0.3s,baz=48,slow=1.4,SNR=1.2		LR	LR	03 52 52.0	
AKASG	comp-Z,2µm,18.7s,baz=49,slow=38		P	P	03 15 15.2 -0.4	
AKASG	Malin Array Bay	79.31 323	P	P	03 15 15.2 -0.4	
AKASG	comp-Z,34nm,1.5s	79.31 323	IAMB	IAMB	03 15 18.0	
AKASG	Malin Array Bay	79.31 323	i/P	P	03 15 15.6 -0.0	
AKB6	comp-Z,13nm,0.7s	79.31 323	P	P	03 15 17.7	
AKB6	Malin Array Si	79.31 323	IAMB	IAMB	03 15 17.7	
AKB6	comp-Z,28nm,0.8s	79.31 323	i/P	P	03 15 15.5 -0.1	
AKB6	Malin Array Si	79.31 323	i/P	P	03 15 15.5 -0.1	
AKB6	comp-Z,23nm,0.9s	79.31 323	pmax	pmax		
AKB6	Malin Array Si	79.31 323	P	P	03 15 15.7 +0.1	
AK01	comp-Z,23nm,0.9s	79.33 323	P	P	03 15 15.7 +0.1	
AK01	Malin Array Si	79.33 323	P	P	03 15 15.7 +0.1	
KIEV	comp-Z,23nm,0.9s	79.33 323	P	P	03 15 15.7 +0.1	
KIEV	Kiev	79.33 323	P	P	03 15 15.7 +0.1	
KIEV	Kiev	79.33 323	P	P	03 15 15.7 +0.1	
KIEV	Kiev	79.33 323	P	P	03 15 15.7 +0.1	
KIEV	SNR=5.2	79.33 323	P	P	03 15 15.7 0.0	
KIEV	Kiev	79.33 323	P	P	03 15 15.7 0.0	
KIEV	Kiev	79.33 323	P	P	03 15 15.7 0.0	
AK23	comp-Z,2µm,comp-Z,15nm,1.0s	79.33 323	P	P	03 15 15.8 +0.1	
AK04	Malin Array Si	79.33 323	P	P	03 15 15.8 +0.1	
AK09	Malin Array Si	79.33 323	P	P	03 15 15.8 +0.1	
AK08	Malin Array Si	79.34 323	P	P	03 15 15.8 0.0	
AK02	Malin Array Si	79.35 323	P	P	03 15 15.9 +0.1	
AK22	Malin Array Si	79.36 323	P	P	03 15 15.6 -0.3	
AK21	Malin Array Si	79.36 323	P	P	03 15 15.6 -0.3	
AK05	Malin Array Si	79.37 323	P	P	03 15 15.7 -0.3	
AK18	Malin Array Si	79.38 323	P	P	03 15 15.7 -0.3	
AK12	Malin Array Si	79.42 323	P	P	03 15 15.7 -0.3	
HFS	comp-Z,7.7nm,0.7s,baz=49,slow=4.4,SNR=18	79.72 336	S	S	03 15 17.1 -0.5	
HFS	Hagfors	79.72 336	S	S	03 15 17.1 -0.5	
HFS	comp-Z,7.7nm,0.7s,baz=49,slow=4.4,SNR=18		S	S	03 25 17.0 -2.5	
MARD	comp-Z,1.1nm,0.9s,baz=51,slow=2.1,SNR=1.5	79.78 307	IAMB	IAMB	03 15 21.6	
MARD	Mardin	79.78 307	IAMB	IAMB	03 15 21.6	
MARD	comp-Z,7.7nm,0.7s		IAMB	IAMB		

NC204	NORSAR Array S	79.84 338	IAMB	IAMB	03 15 20.5	
NC204	comp-Z,18nm,0.8s		IAMB	IAMB		
NB2	NORSAR Subarra	79.87 338	P	P	03 15 18.1 -0.4	
NOA	comp-Z,4.4nm,0.7s,baz=41,slow=5.3		P	P	03 15 17.9 -0.7	
NOA	NORSAR Array B	79.87 338	P	P	03 15 17.9 -0.7	
NOA	comp-Z,5.9nm,0.7s,baz=42,slow=5.4,SNR=32		LR	LR	03 53 55.5	
SIM	comp-Z,603nm,19.8s,baz=30,slow=38	79.92 317	e/S	S	03 15 17.9 -1.2	
SIM	Simferopol	79.92 317	e/S	S	03 15 17.9 -1.2	
SIM	comp-Z,20nm,0.8s		pmax	pmax		
SIM			smax	smax		
Mi28	comp-N,217nm,17.8s	79.97 324	P	P	03 15 18.8 -0.4	
Mi28	Mi28,Pidlyub	79.97 324	P	P	03 15 18.8 -0.4	
SUW	Suwalki	80.17 328	e/L	L	03 15 21.3 +1.1	
SUW			P	P	03 58 09.8	
TPNV	comp-N,629nm,18.2s	80.42 53	IAMB	IAMB	03 15 28.3	
TPNV	Topopah Spring	80.42 53	IAMB	IAMB	03 15 28.3	
TPNV	comp-Z,67nm,1.9s		IAMB	IAMB		
ARPR	comp-Z,22nm,0.7s	80.48 310	P	P	03 15 22.1 -0.4	
ARPR	Arapgir-MALATY	80.48 310	P	P	03 15 22.1 -0.4	
LUBAR	Lubarsk, Ukraine	80.53 323	P	P	03 15 22.0 -0.3	
GWY	Greenwater Valley	80.54 54	IAMB	IAMB	03 15 41.5	
RNP99	comp-Z,61nm,1.8s	80.55 325	P	P	03 15 23.0 +0.7	
RNP99	Sopachiv	80.55 325	P	P	03 15 23.0 +0.7	
RNP99	Varash	80.62 325	P	P	03 15 23.8 +0.1	
RNP99	Staryi Chorot	80.67 325	P	P	03 15 22.0 +0.1	
LAO	comp-Z,44nm,1.4s	81.23 40	IAMB	IAMB	03 15 32.7	
LAO	LSA	81.23 40	IAMB	IAMB	03 15 32.7	
SORM	comp-Z,150nm,21.9s,baz=308,slow=32	81.31 322	i/P	P	03 15 26.6 +0.2	
SORM	Soroca	81.31 322	i/P	P	03 15 26.6 +0.2	
PURM	Purcari	81.44 320	i/P	P	03 15 27.7 +0.6	
PDAR	Pinedale Array	81.57 45	P	P	03 15 29.8 +1.5	
PDAR	comp-Z,7.7nm,0.7s,baz=289,slow=1.5,SNR=25		LR	LR	03 46 35.6	
PDAR	comp-Z,150nm,21.9s,baz=308,slow=32		P	P	03 15 28.5 +0.2	
PDAR	Pinedale Array	81.57 45	P	P	03 15 28.5 +0.2	
PPT	comp-Z,274nm,19.0s,baz=299,slow=34	81.60 116	LR	LR	03 50 09.0	
BZK	Bozkurt	81.67 314	i/P	P	03 15 30.0 +1.5	
BZK	Bozkurt	81.67 314	IAMB	IAMB	03 15 36.7	
BZK	comp-Z,9nm,0.7s	81.74 54	IAMB	IAMB	03 52 32.9	
BZK	Kangerlussuaq	81.80 5	P	P	03 15 33.1 +2.4	
PFO	comp-Z,168nm,21.9s,baz=346,slow=36	82.03 56	P	P	03 15 33.1 +2.4	
PFO	Pinyon Flats O	82.03 56	P	P	03 15 33.1 +2.4	
PFO	comp-Z,13nm,0.9s,baz=304,slow=7.3,SNR=11		LR	LR	03 52 27.4	
PFO	Pinyon Flats O	82.03 56	P	P	03 15 31.7 +1.0	
PFO	Pinyon Flats O	82.03 56	P	P	03 15 31.7 +1.0	
PFO	comp-Z,14nm,1.0s		pmax	pmax		
PMD	Palm Desert	82.07 56	IAMB	IAMB	03 15 36.9	
FRB	comp-Z,13nm,0.8s	82.49 13	LR	LR	03 56 45.7	
FRB	Frobisher Bay	82.49 13	LR	LR	03 56 45.7	
BEL	comp-Z,181nm,20.2s,baz=340,slow=39	82.70 328	e/L	L	03 15 34.9 +1.3	
BEL	Belsk	82.70 328	e/L	L	03 15 34.9 +1.3	
BEL			P	P	03 54 52.9	
VLDR	comp-Z,952nm,18.2s	82.85 320	i/P	P	03 15 34.3 -0.2	
SRU	San Rafael Suez	83.04 48	IAMB	IAMB	03 15 42.5	
BR131	comp-Z,20nm,0.7s	83.17 312	i/P	P	03 15 36.9 +0.4	
BR131	Keskin Array S	83.17 312	i/P	P	03 15 36.9 +0.4	
BRTR	comp-Z,19nm,0.9s,baz=46,slow=3.6,SNR=73	83.17 112	P	P	03 15 36.3 -0.2	
BRTR	Keskin Array B	83.17 112	P	P	03 15 36.3 -0.2	

2020 MAY

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Marine on St, Banja Luka, Obir, Koelnbreinsper, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CSNet OBS 4, The Sanctuary, Nata, Akamas, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Yayladag, Paron, Seydisehir-KON, etc.

IDC 04 03:10:47.5:13.0,62.44s-96.13E, h0km, Error ellipse: s-maj=37.6km s-min=9.9km az=155.0, South Indian Ocean

IDC 04 04:17:57.3:1.1,34.06N:25.50E, h0km, mb3.8/13, mbmp3.7/20, ML3.2/7, Error ellipse: s-maj=21.1km

ISK 04 03:33:54.9, 33.64N, 32.64E, h8km, ML2.9/16

IDC 04 03:33:54.5, 33.68N, 32.90E, h7km, 3km, ML2.3

Table with columns: Station Name, Frequency, Mode, Direction, and other parameters. Includes stations like Catapilco, Santo Antonio, Talagante, Villa Florida, etc.

Table with columns: Station Name, Frequency, Mode, Direction, and other parameters. Includes stations like TORO Torodi Ar. Bea, ESCD Sonseca Array, YKA Yellowknife Ar, etc.

Table with columns: Station Name, Frequency, Mode, Direction, and other parameters. Includes stations like ZALV Zalesovo Beam, ILAR Elsieon Array, GSPA South Pole Qui, etc.

IDC 04 08:20:29.9z.2, 17.585x176.62W, h0km, mb4.2/3, m-bmtmp4.2/4, ML3.8/1, Error ellipse: s-maj=172.2km s-min=31.5km az=149.0, Fiji Islands region

IDC 04 07:53:58.6z.0, 5.555S-12.42W, h0km, mb3.8/4, m-bmtmp3.8/4, MS4.2/1, Error ellipse: s-maj=226.4km s-min=104.2km az=155.0, Ascension Island region

SSNC 04 08:33:58.6z.1, 2.19789N-71.067W, h7km, 16km, MD3.7, ML2.0, Presumed earthquake

OSPL 04 08:34:02.4z.1, 6.1974N-71.26W, h5km, 7km, ML2.2, Presumed earthquake

ISC 04 08:34:00.6z.1, 0.1977N-107.27W, h0km, 0.04, h18km, n48, n12, i1922/22, Dominican Republic region

NEIC 04 08:18:38.8z.1, 6.20S-102.152E, h0km, mb4.4/23, Error ellipse: s-maj=1.9km s-min=3.0km az=98.0

IDC 04 08:18:44.8z.5, 7.630S-152.45E, h54km, 49km, mb3.7/11, m-btmp4.0/12, ML2.5/1, MS3.2/3, Error ellipse: s-maj=39.0km s-min=21.9km az=96.0

ISC 04 08:18:42.7z.0, 6.17S-107.152E, h0km, n48, n0693/50, mb4.2/23, New Britain region

NEIC 04 08:18:42.7z.0, 6.17S-107.152E, h0km, n48, n0693/50, mb4.2/23, New Britain region

ISC 04 08:35:00.1z.0, 7.340S-109.140E, h0km, n25, i194/22, mb4.0/5, Irian Jaya region

IDC 04 08:34:53.9z.1, 3.339S-140.10E, h0km, mb3.8/4, m-btmp3.9/5, ML4.1/1, MS2.9/3, Error ellipse: s-maj=53.8km s-min=10.3km az=121.0

NEIC 04 08:34:58.6z.1, 9.334S-107.140E, h35km, 2km, mb4.2/12, Error ellipse: s-maj=12.4km s-min=9.2km az=198.0

ISC 04 08:35:00.1z.0, 7.340S-109.140E, h0km, n25, i194/22, mb4.0/5, Irian Jaya region

ISC 04 08:34:58.6z.1, 9.334S-107.140E, h35km, 2km, mb4.2/12, Error ellipse: s-maj=12.4km s-min=9.2km az=198.0

ISC 04 08:35:00.1z.0, 7.340S-109.140E, h0km, n25, i194/22, mb4.0/5, Irian Jaya region

ISC 04 08:34:58.6z.1, 9.334S-107.140E, h35km, 2km, mb4.2/12, Error ellipse: s-maj=12.4km s-min=9.2km az=198.0

4d 9h

Table with columns: Station Name, Time, Res, ISC. Includes stations like PSA00, VANDA, VANDA, KURK, etc.

WEL 04 08:36:53.2±1.0, 46°S, 6°16'E, h12km, M3.6/9, ML3.6/12, MLV3.6/9, Error ellipse: s-maj=8.3km, s-min=7.1km, az=57.4

NOU 04 08:36:54.8, 46°46'S, 166°45'E, h12km, MLv4.1/7, Off W. Coast of S. Island, N.Z.

ISC 04 08:36:51.1±2.6, 46°36'S, 0°06', 166°33'E, 0.1, h4km, n12km, n30, r134/41, Off west coast of South Island

Main table for 4d 9h section with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various seismic stations and their data.

ISC 04 08:45:05.7±1.8, 8°98'S, 122°66'E, h185km, 16km, mb3.2/1, mbtmp3.9/4, Error ellipse: s-maj=84.8km, s-min=23.4km, az=60.0

NEIC 04 08:45:05.2±1.4, 8°75'S, 0°1', 123°30'E, 0.09, h188km, 9km, mb4.4/10, Error ellipse: s-maj=22.3km, s-min=3.8km, az=212.0

ISC 04 08:45:05.4±0.7, 8°79'S, 0°08', 123°40'E, 0.10, h200km, n21, c213/25, mb4.3/4, Flores region

Main table for 4d 9h section (continued) with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC.

KNET 04 09:15:32.7±0.3, 42°95'N, 74°65'E, h24km, 3km, ml1.1, Error ellipse: s-maj=2.0km, s-min=1.7km, az=59.0

NNC 04 09:15:33.4±0.3, 42°98'N, 74°66'E, h0km, mb2.5, mpv2.6, Error ellipse: s-maj=3.9km, s-min=1.9km, az=118.0

SOME 04 09:15:32.4±0.9, 42°95'N, 0°02', 74°58'E, 0.03, h0km, n20, c1503/33, 11C-7D, Kyrgyzstan

Main table for 4d 9h section (continued) with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC.

2020 MAY

Main table for 2020 MAY section with columns: Station Name, Time, Res, ISC. Lists various seismic stations and their data.

SKHL 04 09:18:33.7±0.4, 44°80'N, 146°50'E, h181km, 7km, mb4.8/4, msh5.5/2

MOS 04 09:18:33.6±1.0, 45°03'N, 146°19'E, h193km, mb4.1/1, Error ellipse: s-maj=19.5km, s-min=12.0km, az=69.7

IDC 04 09:18:34.0±2.5, 44°88'N, 146°32'E, h191km, 26km, mb3.2/9, mbtmp3.7/13, MS3.0/1, Error ellipse: s-maj=36.2km, s-min=15.3km, az=163.0

JMA 04 09:18:35.0±0.4, 45°N, 2°14'E, h190km, MV3.4/34, NEAR ETORO FU ISLAND

ISC 04 09:18:34.5±0.7, 44°78'N, 0°08', 146°37'E, 0.06, h206km, 6km, n51, c141/59, mb3.5/9, 1C-1D, Kuril Islands

Main table for 2020 MAY section (continued) with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC.

KRSC 04 09:55:36.9±0.9, 53°19'N, 158°12'E, h182km, 9km, M4.2

MOS 04 09:55:36.5±1.0, 53°30'N, 157°76'E, h184km, 6km, M2.15, Error ellipse: s-maj=9.2km, s-min=5.5km, az=77.0

IDC 04 09:55:37.7±0.3, 53°44'N, 157°62'E, h171km, 3km, mb3.8/25, mbtmp4.3/31, MS2.4/1, Error ellipse: s-maj=11.0km, s-min=7.8km, az=150.0

NEIC 04 09:55:38.9±1.3, 53°40'N, 0°10', 157°7E, 0.1, h174km, 5km, mb4.3/171, Error ellipse: s-maj=14.6km, s-min=11.0km, az=170.0

Main table for 2020 MAY section (continued) with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC.

254

Main table for 254 section with columns: Station Name, Time, Res, ISC. Lists various seismic stations and their data.

UCR 04 09:48:26.4±0.5, 7°61'N, 82°89'W, h10km, 11km, MW3.5

UPA 04 09:48:27.9±1.2, 7°65'N, 82°90'W, h24km, 7km, MW3.5, Presumed earthquake

ISC 04 09:48:27.3±0.7, 67°N, 0°08', 82°85'W, 0.05, h17km, 9km, n42, c074/53, 10C-4D, South of Panama

Main table for 254 section (continued) with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC.

KRSC 04 09:55:36.9±0.9, 53°19'N, 158°12'E, h182km, 9km, M4.2

MOS 04 09:55:36.5±1.0, 53°30'N, 157°76'E, h184km, 6km, M2.15, Error ellipse: s-maj=9.2km, s-min=5.5km, az=77.0

IDC 04 09:55:37.7±0.3, 53°44'N, 157°62'E, h171km, 3km, mb3.8/25, mbtmp4.3/31, MS2.4/1, Error ellipse: s-maj=11.0km, s-min=7.8km, az=150.0

NEIC 04 09:55:38.9±1.3, 53°40'N, 0°10', 157°7E, 0.1, h174km, 5km, mb4.3/171, Error ellipse: s-maj=14.6km, s-min=11.0km, az=170.0

ISC 04 09:55:37.9±0.4, 53°29'N, 0°04', 157°89'E, 0.04, h179km, 4km, n512, c1901/498, mb4.3/124, 8C-6D, Kamchatka

Main table for 254 section (continued) with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC.

Table with columns for station name, coordinates, elevation, and other parameters. Includes stations like PET, SMAR, UGLR, DALK, etc.

Table with columns for station name, coordinates, elevation, and other parameters. Includes stations like K13K, K13K, F14K, MJB9, MAJO, MAJO, MAJO, etc.

Table with columns for station name, coordinates, elevation, and other parameters. Includes stations like L18K, L18K, GCSA, G19K, D19K, D19K, etc.

MCK	baz=278 McKinley	28.80	48	P	P	10 01 18.6	-0.1
R2K	baz=274 Cooper Landing	28.80	55	P	P	10 01 18.8	+0.1
RND	baz=280 Reindeer	28.86	48	P	I	10 01 18.9	-0.4
RND	comp=Z,8.5nm,1.4s Reindeer	28.86	48	P	P	10 01 18.9	-0.4
PMR	comp=Z,8.0nm,1.4s Palmer	28.93	52	P	P	10 01 20.6	+0.8
PMR	comp=Z,11nm,1.4s Palmer	28.93	52	P	P	10 01 20.6	+0.8
PMR	comp=Z,11nm,1.4s Palmer	28.93	52	P	P	10 01 20.3	+0.5
D24K	baz=278 Happy Valley	28.93	36	P	P	10 01 19.7	0.0
E24K	baz=264 Your Creek	28.96	39	P	I	10 01 21.6	
E24K	comp=Z,3.3nm,0.7s Your Creek	28.96	39	P	P	10 01 20.5	+0.4
GHO	baz=267 Glory Hole Cre	29.00	52	P	P	10 01 21.0	+0.4
SEW	baz=267 Seward	29.00	55	P	P	10 01 20.3	-0.1
SEW	baz=280 Seward	29.00	55	P	P	10 01 20.0	-0.5
C24K	baz=264 Franklin Bluff	29.03	35	P	P	10 01 20.4	-0.2
WAT1	baz=276 Susitna Watana	29.05	50	P	P	10 01 20.6	-0.3
WRH	comp=Z,9.1nm,1.0s Wood River Hill	29.12	46	I	I	10 01 23.3	
H24K	baz=271 Noodor Dome	29.15	43	P	P	10 01 22.4	+0.6
F24K	baz=279 Squaw Lake	29.16	40	I	I	10 01 23.6	
F24K	comp=Z,6.7nm,1.5s Squaw Lake	29.16	40	P	P	10 01 22.1	+0.2
CCB	baz=268 Clear Creek Bu	29.23	46	P	I	10 01 22.9	+0.5
CCB	comp=Z,4.6nm,1.1s Clear Creek Bu	29.23	46	P	I	10 01 23.6	
KNK	baz=279 Knik Glacier	29.27	52	P	P	10 01 22.8	-0.1
SML	baz=278 Sawmill	29.27	52	P	P	10 01 22.9	-0.1
G24K	baz=278 Hadweenc Riv	29.31	42	I	I	10 01 24.9	
G24K	comp=Z,5.8nm,0.7s Hadweenc Riv	29.31	42	P	P	10 01 23.1	0.0
JSU	baz=270,SNR=5.1 Suzuyama	29.43	233	P	P	10 01 24.9	+0.3
JSU	baz=233 Suzuyama	29.43	233	P	P	10 01 25.5	+0.9
WAT5	baz=277 Susitna Watana	29.45	50	P	P	10 01 24.4	-0.2
DHY	baz=277 Denali Highway	29.55	49	P	P	10 01 25.5	0.0
M23K	baz=277 Glacier View	29.56	52	P	P	10 01 25.6	+0.1
HDA	baz=279 Harding Lake	29.62	46	I	I	10 01 27.0	
HDA	comp=Z,4.7nm,0.7s Harding Lake	29.62	46	P	P	10 01 26.2	+0.3
IL31	baz=275 Harding Lake	29.62	45	I	I	10 01 27.1	
ILAR	comp=Z,4.0nm,0.7s Eielson Array	29.62	45	P	P	10 01 26.1	+0.2
ILAR	comp=Z,3.2nm,0.8s, baz=268,slow=7.7,SNR=37 Eielson Array	29.62	45	P	P	10 02 03.4	+0.5
ILAR	comp=Z,1.1nm,0.9s, baz=267,slow=7.6,SNR=4.8 Eielson Array	29.62	45	P	P	10 01 26.9	+1.0
SCM	baz=274 Sheep Creek Mo	29.74	51	P	P	10 01 27.9	+0.8
SCM	comp=Z,3.2nm,0.8s Sheep Creek Mo	29.74	51	P	P	10 01 27.9	+0.8
SCM	comp=Z,8.0nm,0.6s Sheep Creek Mo	29.74	51	P	P	10 01 27.5	+0.4
D25K	baz=279 Kavik River	29.81	36	P	P	10 01 27.8	+0.2
G25K	baz=267 Bearman Lake	29.85	41	P	P	10 01 28.3	+0.4
F25K	baz=271 Christian River	30.02	40	P	P	10 01 29.8	+0.3
E25K	baz=279 Arctic Village	30.06	39	P	P	10 01 30.2	+0.4
E25K	comp=Z,2.7nm,0.5s Arctic Village	30.06	39	P	P	10 01 30.0	+0.2
PRP	baz=270,SNR=5.5 Porcupine Dome	30.14	44	P	P	10 01 31.4	+0.7
PRP	comp=Z,5.8nm,0.8s Porcupine Dome	30.14	44	P	P	10 01 32.3	
PRP	comp=Z,2.7nm,0.5s Porcupine Dome	30.14	44	P	P	10 01 30.9	+0.3
K24K	baz=274,SNR=7.3 Donnelly Dome	30.19	47	P	P	10 01 31.0	+0.1
M24K	baz=277 Tolsona, Glenn	30.24	51	P	P	10 01 32.0	+0.6
J25K	baz=279 Salcha River	30.28	46	P	P	10 01 31.4	-0.4
C26K	baz=276 Camden Bay	30.36	35	P	P	10 01 32.6	+0.2
PAX	baz=278 Paxson	30.43	49	P	P	10 01 33.8	+0.6
BMAR	baz=278 Burnt Mountain	30.44	40	P	P	10 01 34.6	+1.5
KLU	baz=281 Klutina	30.46	52	P	P	10 01 34.0	+0.6
F26K	baz=281 Sheenjek River	30.60	39	P	P	10 01 34.9	+0.4
RIDG	baz=272 Independent Ri	30.60	47	P	P	10 01 34.3	-0.3
HARP	baz=280 HAARP	30.66	50	P	P	10 01 35.9	+0.8
EYAK	baz=282 Cordova Ski Ar	30.72	54	P	P	10 01 36.3	+0.7
C27K	comp=Z,4.4nm,0.8s Jago River	30.76	36	I	I	10 01 38.5	
C27K	comp=Z,3.2nm,0.8s Jago River	30.76	36	P	P	10 01 36.4	+0.5
SCRK	baz=269 Sand Creek	30.95	47	P	P	10 01 37.3	-0.5
SCRK	comp=Z,4.7nm,0.8s Sand Creek	30.95	47	P	I	10 01 37.7	
SCRK	comp=Z,2.7nm,0.6s Sand Creek	30.95	47	P	P	10 01 37.1	-0.6
DOT	baz=278,SNR=6.9 Dot Lake	30.96	47	I	I	10 01 38.0	
I26K	comp=Z,3.0nm,0.6s Coal Creek Min	31.15	44	P	P	10 01 39.3	0.0
BMRM	baz=282 Bremner River	31.19	53	P	P	10 01 40.0	+0.2
L26K	baz=280 Log Cabin Wild	31.38	48	P	P	10 01 41.9	+0.5
KAIM	baz=280 Kayak Island	31.51	55	P	P	10 01 43.3	+0.8
E27K	baz=284 Coleen River	31.54	38	P	P	10 01 43.2	+0.4
G27K	baz=275 Doyon Strip	31.61	41	P	P	10 01 44.8	+1.3
M26K	baz=281 Nabesna, AK	31.65	50	P	P	10 01 45.0	+1.2
H27K	baz=281 Steamboat Moun	31.72	42	P	P	10 01 45.8	+1.4
H27K	baz=276 Steamboat Moun	31.72	42	P	P	10 01 45.5	+1.1
D27M	baz=283 Malcolm River	31.73	36	I	I	10 01 46.0	
D27M	comp=Z,3.0nm,0.6s Malcolm River	31.73	36	P	P	10 01 44.9	+0.4
I27K	baz=272 Kandik River	31.75	43	P	P	10 01 45.4	+0.7
K27K	comp=Z,3.2nm,0.7s Chicken	31.78	46	I	I	10 01 46.0	
MCARA	baz=283 McCarthy VSAT	31.84	52	P	P	10 01 46.1	+0.6
CRQE	baz=284 Beaver Creek	31.95	53	P	P	10 01 47.0	+0.4
L27K	baz=284 Beaver Creek	32.05	48	P	P	10 01 48.6	+1.3
L27K	comp=Z,7.2nm,0.7s Beaver Creek	32.05	48	P	I	10 01 49.3	
BCAR	baz=281,SNR=10 Beaver Creek A	32.07	48	P	P	10 01 48.2	+0.9
ULN	baz=281,SNR=10 Ulanbaatar	32.16	281	P	P	10 01 48.8	+1.3
ULN	comp=Z,1.0nm,0.9s Ulanbaatar	32.16	281	P	P	10 01 47.1	-1.5
M27K	baz=282 Edge Creek, AK	32.17	49	P	P	10 01 49.6	+1.1
F28M	baz=276 Old Crow	32.23	39	P	P	10 01 49.5	+0.7
E28M	baz=276 Babbage River	32.28	38	P	P	10 01 49.7	+0.5

I28M	baz=274 Miner Creek	32.47	43	P	P	10 01 51.4	+0.4
D28M	baz=279 Stokes Point	32.52	36	P	P	10 01 52.0	+0.7
S0NM	baz=280 Songoing Array	32.56	282	P	P	10 01 51.7	-0.4
S0NM	comp=Z,1.2nm,0.5s, baz=70,slow=6.9,SNR=5.0 Songoing Array	32.56	282	P	P	10 04 33.6	-0.4
S0NM	comp=Z,0.9nm,0.6s, baz=68,slow=1.7,SNR=4.3 Songoing Array	32.56	282	I	I	10 01 53.3	
BVCY	comp=Z,1.2nm,0.7s Beaver Creek	32.62	49	P	P	10 01 53.0	+0.7
CTG	baz=285 Chitna Glacier	32.74	52	P	P	10 01 54.3	+0.9
E29M	baz=285 Blow River	32.90	38	P	P	10 01 55.3	+0.7
YUK3	baz=284 Moose Creek	32.95	50	P	P	10 01 56.1	+0.8
H29M	baz=284 Whitestone	32.99	42	I	I	10 01 57.3	
H29M	comp=Z,3.3nm,0.7s Whitestone	32.99	42	P	P	10 01 56.3	+0.9
G29M	comp=Z,4.0nm,0.8s Pine Creek	33.03	41	I	I	10 01 58.1	
G29M	comp=Z,2.7nm,0.5s Pine Creek	33.03	41	P	P	10 01 56.8	+1.1
TIA	baz=278 Tai'an	33.06	255	P	P	10 01 56.5	+0.2
TIA	comp=Z,10.0nm,0.5s Tai'an	33.06	255	P	P	10 01 56.8	+1.0
I29M	baz=280 Oglite Camp	33.15	43	P	P	10 01 57.8	+1.0
HHC	baz=280 Hu-ho-hao-te	33.33	267	eP	P	10 01 58.4	-0.3
HHC	comp=Z,8.0nm,0.7s Hu-ho-hao-te	33.33	267	P	P	10 01 59.6	+0.8
O28M	baz=286 Mount Upton	33.33	52	P	P	10 02 00.2	+0.3
PINM	baz=286 Pinnacle	33.49	53	P	P	10 02 01.2	+0.3
EPYK	baz=287 Eagle Plains	33.62	41	P	P	10 02 02.1	+0.3
L29M	baz=287 L29M	33.69	47	P	P	10 02 03.1	+1.6
L29M	comp=Z,7.7nm,0.7s L29M	33.69	47	I	I	10 02 04.0	
L29M	baz=284,SNR=6.3 L29M	33.69	47	P	P	10 02 02.4	+0.9
M29M	baz=284 Somme Creek	33.70	49	P	P	10 02 02.4	+0.7
BRWY	baz=286 Burwash Landin	33.71	51	P	P	10 02 02.3	+0.6
G30M	baz=286 Atoh Zraii Nji	33.72	40	P	P	10 02 02.6	+0.9
F30M	baz=280 Barrier River	33.79	39	I	I	10 02 04.7	
F30M	comp=Z,4.7nm,0.8s Barrier River	33.79	39	P	P	10 02 03.1	+0.8
K29M	baz=279 Barlow Dome	33.79	46	P	P	10 02 03.1	+0.7
YUK4	baz=286 Talbot Arm	33.90	51	P	P	10 02 04.4	+0.9
I30M	baz=286 Mount Dempster	33.98	43	P	P	10 02 04.9	+0.8
I30M	comp=Z,4.4nm,0.7s Mount Dempster	33.98	43	I	I	10 02 05.5	
I30M	comp=Z,2.8nm,0.7s Mount Dempster	33.98	43	P	P	10 02 04.8	+0.8
J30M	baz=282,SNR=10.0 Hart River	34.13	45	P	P	10 02 05.7	+0.2
YUK6	baz=281 Outpost Mounta	34.14	51	P	P	10 02 06.0	+0.3
O29M	baz=287 Mount Kennedy	34.23	52	P	P	10 02 06.5	+0.2
JOW	baz=288 Kunigami	34.37	231	P	P	10 02 08.4	+0.7
JOW	comp=Z,1.5nm,0.5s, baz=51,slow=5.9,SNR=17 Kunigami	34.37	231	P	P	10 02 08.4	+0.7
JOW	comp=Z,1.5nm,0.5s Kunigami	34.37	231	P	P	10 02 08.0	+0.3
M30M	baz=281 Minto, Yukon	34.41	48	P	P	10 02 08.9	+0.7
G31M	baz=281 Satah River	34.48	40	P	P	10 02 08.8	+0.3
INK	baz=281 Inuvik	34.52	38	P	P	10 02 08.8	+0.3
INK	comp=Z,2.0nm,0.8s Inuvik	34.52	38	P	P	10 02 09.1	+0.6
INK	baz=280 Inuvik	34.52	38	P	P	10 02 09.9	+0.6
HYT	baz=287 Haines Junctio	34.58	51	P	P	10 02 10.0	+0.7
N30M	baz=287 Aishik Lake	34.59	50	P	P	10 02 10.0	+0.7
F31M	baz=287 Tsightchic	34.59	39	P	P	10 02 09.7	+0.6
H31M	baz=281 Peel River	34.68	42	P	P	10 02 10.9	+0.9
P29M	baz=283 Windy Craggy	34.84	53	P	P	10 02 12.5	+1.1
P30M	baz=289 Million Dollar	35.05	52	P	P	10 02 14.1	+0.9
N31M	baz=289 Braeburn, Yuko	35.18	50	P	P	10 02 15.2	+0.9
O30N	baz=288 Mendenhall	35.26	51	P	P	10 02 15.7	+0.7
M31M	baz=288 Drury Creek, Y	35.59	48	I	I	10 02 20.4	
M31M	comp=Z,4.5nm,0.6s Drury Creek, Y	35.59	48	P	P	10 02 18.4	+0.5
WHY	baz=288 Whitehorse	35.86	51	P	P	10 02 20.8	+0.7
S31K	baz=289 Pelican	36.15	56	P	P	10 02 23.5	+1.0
N32M	baz=292 Quiet Lake	36.52	50	P	P	10 02 26.8	+1.1
P32M	baz=290 Atlin	36.77	52	P	P	10 02 28.8	+0.9
R32K	baz=292 Eaglecrest	36.88	54	P	P	10 02 29.7	+1.0
SIT	baz=293 Sitka	36.95	57	P	P	10 02 30.5	+1.2
P33M	baz=294 Teslin, Yukon	36.97	51	P	P	10 02 30.7	+1.1
S32K	baz=291 Killisnoo	37.16	56	P	P	10 02 32.0	+1.0
C36M	baz=294 Paulatuk	37.64	35	P	P	10 02 35.2	+0.3
Q32M	baz=286,SNR=6.8						

Table with columns for station name, frequency, power, and signal strength. Includes stations like HOPEN Hopon, MAKZ Makanchi, MK31 Makanchi Array, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like YAK comp=Z,19nm,0.9s, YAK comp=N,3.0nm,1.1s, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like G30M Atoh Zraii Nji, D17K Noatak River, F25K Christian River, etc.

BMRM	Bremner River	6.73 39	Pn	12 42 12.9 -0.4
L15K	Ungalak Mounta	7.06 327	Pn	12 42 17.4 -0.3
M24K	Toisna, Glenn	7.11 28	Pn	12 42 18.2 -0.4
WAT5	Susitna Watana	7.16 21	Pn	12 42 18.7 -0.6
K17K	Iditarod	7.16 341	Pn	12 42 18.8 -0.4
WAT1	Susitna Watana	7.19 17	Pn	12 42 19.1 -0.6
WAT1	Susitna Watana	7.23 18	Pn	12 42 19.9 -0.4
TGL	Tana Glacier	7.26 45	Pn	12 42 20.2 -0.5
VRDI	Verde Repeater	7.32 41	Pn	12 42 21.0 -0.6
GLB	Gilghina Butte	7.34 39	Pn	12 42 20.9 -0.7
KIAG	Kiagna River	7.55 45	Pn	12 42 24.2 -0.5
K15K	Wolf Creek Moun	7.59 330	Pn	12 42 24.7 -0.1
WASW	Wrangell South	7.56 35	Pn	12 42 24.9 -0.0
TRF	Thorofare Moun	7.59 10	Pn	12 42 25.1 -0.2
BALM	Baldy	7.62 44	Pn	12 42 25.4 -0.3
KTH	Kantishna Hill	7.63 8	Pn	12 42 25.7 -0.1
GRNC	Granite Creek	7.69 48	Pn	12 42 26.3 -0.3
UNV	Unalaska Valle	7.90 259	Pn	12 42 27.9 -1.4
UNV	Unalaska Valle	7.90 259	P	12 42 28.4 -0.9
BARN	Barnard Glacier	7.91 46	Pn	12 42 29.3 -0.4
PAX	Paxson	8.01 27	Pn	12 42 30.7 -0.3
MCCK	McKinley	8.03 14	Pn	12 42 30.9 -0.2
I20K	Nowitna River	8.18 357	Pn	12 42 33.1 0.0
M27K	Edge Creek, AK	8.63 38	Pn	12 42 39.0 -0.5
CCB	Clear Creek Bu	9.05 15	Pn	12 42 45.3 +0.1
P29M	Windy Craggy	9.06 60	Pn	12 42 44.9 -0.4
COLA	College	9.26 15	Pn	12 42 47.9 -0.1
COLA	College	9.25 15	P	12 42 48.9 +0.9
ILR	Ilort	9.32 17	Pn	12 42 48.9 -0.2
ILAR	Eielson Array	9.32 17	Pn	12 42 44.9 -3.8
	comp=N,0.2nm,0.3s,baz=204,slow=13,SNR=18			
ILAR	comp=N,0.2nm,0.3s,baz=212,slow=20,SNR=1.7			
	comp=N,5.2nm,21.1s,baz=253,slow=40			
	comp=N,1.6nm,0.6s			
J25K	Salcha River	9.46 21	Pn	12 42 50.8 +0.1
H18K	Honhona River	9.47 347	Pn	12 42 51.5 -0.2
S31K	Pelican	9.53 71	Pn	12 42 50.4 -1.2
H21K	Melozitna Rive	9.65 11	Pn	12 42 53.3 -0.1
M29M	Somme Creek	9.94 44	Pn	12 42 57.3 -0.1
SIT	Sitka	10.00 77	P	12 42 57.4 -0.6
BBB	Bella Bella	15.25 94	LR	12 46 36.9
	comp=N,41nm,19.1s,baz=149,slow=5			
INK	Inuvik	15.28 29	Pn	12 44 12.9 -1.7
	comp=N,0.1nm,0.3s,baz=239,slow=11,SNR=6.2			
	comp=N,1.1nm,0.8s			
INK	Inuvik	15.28 29	Pn	12 44 10.4 +0.5
YKAW3	Yellowknife Wh	20.55 56	P	12 45 12.0 -0.7
YKA	Yellowknife Ar	20.56 56	Pn	12 45 15.1 +0.1
	comp=N,0.7nm,0.7s,baz=272,slow=11,SNR=7.4			
	comp=N,2.8nm,1.0s			
YKA	Yellowknife Ar	20.56 56	P	12 45 12.4 -0.2
BILL	Bilibino	21.93 319	Iamb	12 45 26.8 -0.6
BILL			Iamb	12 45 28.0
	comp=Z,1.8nm,0.6s			
PETK	Petrovlovsk	28.06 285	P	12 46 25.3 -0.1
	comp=Z,0.9nm,0.6s,baz=71,slow=13,SNR=1.4			
PETK	Petrovlovsk	28.07 285	P	12 46 24.4 -0.9
ELK	Elko	28.11 106	P	12 46 34.8 -0.3
ELK			Iamb	12 46 35.9 0.0
	comp=Z,2.2nm,1.3s			
NVAR	Minna Array Bea	29.16 112	P	12 46 40.2 +4.6
	comp=Z,0.5nm,0.6s,baz=304,slow=8.8,SNR=6.4			
	comp=Z,0.5nm,0.6s			
NVAR	Minna Array Bea	29.16 112	P	12 46 35.2 -0.3
PDAR	Pinedale Array	30.86 97	P	12 46 53.9 +3.3
	comp=Z,0.1nm,0.4s,baz=312,slow=12,SNR=1.1			
PDAR	Pinedale Array	30.86 97	P	12 46 50.4 -0.2
TXAR	Lajitas Array	43.90 106	P	12 48 44.6 +3.8
	comp=Z,0.4nm,0.7s,baz=300,slow=6.5,SNR=6.1			
TXAR	Lajitas Array	43.90 106	P	12 48 41.3 +0.5
SPITS	Spitsbergen Ar	45.89 3	P	12 48 57.0 +1.0
	comp=Z,5.2nm,0.9s,baz=18,slow=3.9,SNR=9.4			
	comp=Z,5.2nm,0.9s			
H11N2	WAKE ISLAND Hy	46.84 236	T	13 39 25.2
H11N3	WAKE ISLAND Hy	46.84 236	T	13 39 25.4
H11N1	WAKE ISLAND Hy	46.85 236	T	13 39 26.7
H11S1	WAKE ISLAND Hy	47.99 235	T	13 40 50.8
H11S2	WAKE ISLAND Hy	48.00 235	T	13 40 51.8
H11S3	WAKE ISLAND Hy	48.01 235	T	13 40 53.0
ARCES	ARCCESS Array B	54.73 0	P	12 50 04.2 +1.3
	comp=Z,3.8nm,1.0s,baz=359,slow=11,SNR=4.1			
ARCES	ARCCESS Array B	54.73 0	P	12 50 03.3 +0.4
SOMM	Songino Array	57.03 308	P	12 50 21.4 +1.6
	comp=Z,1.8nm,0.8s,baz=52,slow=6.1,SNR=6.6			
SOMM	Songino Array	57.03 308	P	12 50 20.7 +0.9
	comp=Z,1.8nm,0.8s			
ZALV	Zalesovo Beam	60.49 325	P	12 50 43.8 +0.2
	comp=Z,0.8nm,0.6s,baz=38,slow=7.3,SNR=3.9			
ZALV	Zalesovo Beam	60.49 325	P	12 50 43.5 0.0
KURK	Kurchatov	65.23 327	P	12 51 14.5 -0.7
KURK			Iamb	12 51 24.2
	comp=Z,1.0nm,0.8s			
KURBB	Kurchatov Arra	65.34 327	P	12 51 16.4 +0.5
	comp=Z,0.3nm,0.6s,baz=31,slow=5.5,SNR=2.9			
BVAR	Borovoye Array	65.50 333	P	12 51 17.5 +0.6
	comp=Z,1.4nm,0.7s,baz=31,slow=7.1,SNR=4.7			
AB31	Akbulak array	71.47 338	P	12 51 54.9 +0.7
ABKAR	Akbulak array	71.47 338	P	12 51 54.7 +0.5

IDC 04 13:07:48.0, 2.3, 3.07N, 126.12E, h0km, mb3.2/3, mbmtpp3.2/3, Error ellipse: s-maj=189.3km s-min=28.9km az=65.0, Talaud Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s ISC
WRA	Warramunga Arr	24.25 161	P	13 06 58.6 -0.4		
	comp=Z,0.7s,baz=340,slow=10,SNR=6.7					
ASAR	Alice Springs	27.64 164	P	13 07 30.2 +0.7		
	comp=Z,0.2nm,0.8s,baz=341,slow=7.9,SNR=4.9					
MKAR	Makanchi Array	57.75 326	P	13 11 32.6 -0.3		
	comp=Z,0.2nm,0.7s,baz=128,slow=7.8,SNR=2.1					

BUI 04 13:07:43.8, 35.58N, 141.05E, h48km, mb5.5/70, mb5.4/89, Ms5.5/99, Ms7.5/97

0±157.33000°, R22.38000°, A65.61000°. Principal axes: T 3.9160, Plg6.4000°, Azm289.0000°, N -0.8161, Plg9.0000°, Azm180.0000°, P -3.1000, Plg24.0000°, Azm86.0000°

MOS 04 13:07:48.3±1.1, 35.573N, 140.57E, h47km, mb5.7/82, MS5.1/38 Error ellipse: s-maj=6.8km s-min=3.5km az=117.6

NIED 04 13:07:49.7, 35.733N, 140.61E, h48km, MW5.7, Moment Tensor Solution. s3 Moment tensor: Scale 1017Nm; Mn:1.71; Mw:0.73; Mx:0.98; My:0.25; Mz:0.39; Mr:3.24; Fault plane solution: M3.54000x1017 NP1; 0.49.0000°, P 3.13.0000°, Azm9.0000°. NP2: 0.10000°, 0.79.0000°, 1.97.0000°

JMA 04 13:07:49.7, 0.2, 35.733N, 140.6E, 0.7, h48km, 1km, MD5.6/40, MW5.6/40, NEAR CHOSHI CITY

JMA Felit JV1 at NEAR CHOSHI CITY

GFZ 04 13:07:50.8, 35.62N, 140.55E, h46km, MW5.6, Moment Tensor Solution. s130 Moment tensor: Mr:1.14; Mw:0.55; Mx:1.69; My:0.16; Mz:0.23; Mr:2.44; Fault plane solution: NP1: 0.189.0000°, 0.15.0000°, 1.96.0000°. NP2: 0.3.0000°, 0.74.0000°, 1.88.0000°. Principal axes: T 2.5400, Plg67.0000°, Azm271.0000°; N 0.5700, Plg1.0000°, Azm4.0000°; P -3.1200, Plg29.0000°, Azm94.0000°

IDC 04 13:07:50.8, 0.6, 35.61N, 140.48E, h54km, mb4.9/43, s-min=5.8km az=65.0

BGR 04 13:07:51.0, 36.18N, 140.93E, h33km, mb5.5, Ms5.2

NEIC 04 13:07:51.6, 35.67N, 140.96E, h50km, Moment Tensor Solution. Duration: 3s Moment tensor: Scale 1017Nm; Mw:2.61; Mx:0.63; My:1.99; Mz:0.24; Mr:0.43; Mr:2.16; Fault plane solution: M3.24000x1017 NP1; 0.199.27000°, 0.23.95000°, 1.98.55000°. NP2: 0.9.93000°, 0.66.33000°, 1.66.22000°. Principal axes: T 3.4707, Plg68.0000°, Azm273.0000°, N -0.2443, Plg3.0000°, Azm111.0000°, P -2.1944, Plg1.0000°, Azm103.0000°

GCMT 04 13:07:53.3, 0.1, 35.60N, 0.01, 140.69E, 0.01, h48km, MW5.7155, Moment Tensor Solution. s136 c276; s155, c320; Duration: 1s7 Moment tensor: Scale 1017 Nm; Mw:2.96; Mw:0.03; Mx:0.33; My:2.99; Mz:0.3; Mw:0.17; Mx:0.34; My:0.2; Mr:2.53; Mw:0.04; Best double couple: M3.92300x1017 NP1: 0.193.00000°, 0.25.00000°, 1.02.00000°. NP2: 0.360.00000°, 0.65.00000°, 1.84.00000°. Principal axes: T 3.9100, Plg69.0000°, Azm259.0000°; N 0.0290, Plg5.0000°, Azm2.0000°; P -3.9370, Plg20.0000°, Azm94.0000°; nsta1 refers to body waves, cutoff=60s, nsta2 refers to surface waves, cutoff=50s.

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	h m s ISC
JSM	Sammumutsau	0.17 261	JP	13 07 58.0 +1.3		
JCAJ	Choshiashikaji	0.18 73	A	13 07 57.8		
JHU	Itakohinouch	0.31 341	JP	13 07 58.8 +0.8		
JCCN	Chibachanon	0.44 230	P	13 08 01.1 +1.7		
JCCN			P	13 08 01.1		
I30JP	SUMI INFRASON	0.45 217	P	13 08 00.8 +1.3		
I30JP			S	13 08 10.0 +3.1		
	baz=269,slow=23,SNR=7.2					
JKUC	Kampasuchur	0.63 216	A	13 08 02.9		
	comp=N,718nm,6.6s,comp=E,540nm,1.5s					
JYT	Yasato	0.67 327	Pn	13 08 02.5 +0.2		
JYT	Yasato	0.67 327	JP	13 08 02.0 -0.3		
	comp=N,219nm,0.4s,comp=E,255nm,1.8s					
JYT			JP	13 08 11.3 -0.4		
JHYU	Hitachinakayam	0.67 356	A	13 08 02.2		
	comp=N,243nm,1.8s,comp=E,385nm,4.0s					
BSO4	Boso 4	0.72 201	JP	13 08 04.4 +1.4		
TOK	Tokyo	0.72 201	JP	13 08 04.4		
	comp=N,435nm,2.9s,comp=E,1.1um,3.7s					
BSO3	Boso 3	0.87 188	P	13 08 06.1 +1.3		
TATJ	Tateyama 2	0.89 225	A	13 08 06.3		
JYO	Yokosue	0.92 241	A	13 08 06.5		
JHO	Hitachi	0.94 356	JP	13 08 06.0 -0.1		
JHO			P	13 08 06.0		
	comp=N,97nm,1.6s,comp=E,252nm,2.4s					
BSO1	Boso 1	1.05 165	P	13 08 08.1 +1.1		
JSGW	Sagamiharawaka	1.18 267	A	13 08 09.7		
JAG	Ashikaga	1.23 308	JP	13 08 09.6 -0.3		
JAG			P	13 08 09.6		
JOD2	Odawara 2	1.34 253	JP	13 08 11.9 +0.5		
JOD2			P	13 08 11.9		
	comp=N,324nm,5.3s,comp=E,240nm,4.4s					
JIM2	Oshima 3	1.38 327	A	13 08 13.3		
JFFD	Fukushimafurud	1.42 357	A	13 08 12.7		
JNSB	Shibushi	1.42 336	A	13 08 12.7		
	comp=N,293nm,2.9s,comp=E,365nm,3.8s					
ONAJ	Iwakimizuishi	1.44 5	A	13 08 13.0		
	comp=N,58nm,3.2s,comp=E,118nm,3.1s					
JRY	Ryogamari San	1.46 294	A	13 08 13.6		
	comp=N,57nm,5.4s,comp=E,161nm,4.2s					
JHTM	Izuhatsuma	1.52 243	A	13 08 15.0		
	comp=N,277nm,4.9s,comp=E,388nm,2.0s					
JKT	Katashina	1.58 314	A	13 08 15.0		
	comp=N,198nm,1.0s,comp=E,156nm,1.6s					
JTHY	Toshimigahashi	1.60 225	A	13 08 16.5		
	comp=N,204nm,1.9s,comp=E,233nm,6.1s					
JFNN	Fujinakano	1.67 254	A	13 08 17.1		
	comp=N,337nm,4.2s,comp=E,252nm,3.1s					
JFK	Kawachi	1.70 6	A	13 08 16.9		
	comp=N,31nm,1.6s,comp=E,49nm,4.0s					
JYN	Shimob	1.72 265	A	13 08 17.6		
	comp=N,181nm,7.2s,comp=E,108nm,2.8s					
JNIO	Niijimaohara	1.72 265	A	13 08 18.4		
	comp=N,256nm,2.4s,comp=E,186nm,2.9s					
JZS	Izushimoda	1.73 237	A	13 08 18.2		
	comp=N,106nm,5.1s,comp=E,109nm,2.5s					
JSKK	Shikinejimaki	1.78 222	A	13 08 19.1		
	comp=N,108nm,2.6s,comp=E,161nm,2.0s					
JMYK	Miyake Tsubota	1.84 210	A	13 08 20.2		
	comp=N,112nm,4.1s,comp=E,149nm,3.3s					
JGK	Kuni	1.85 299	A	13 08 19.1		
	comp=N,87nm,4.8s,comp=E,85nm,4.0s					
JFY	Yanazu	1.89 337	A	13 08 19.5		
	comp=N,75nm,5.4s,comp=E,129nm,3.2s					
JOTO	OTAMA OYAMA	1.90 352	A	13 08 19.6		
	comp=N,119nm,1.0s,comp=E,161nm,3.3s					
JKO	Kozu shima	1.93 220	A	13 08 21.3		
	comp=N,247nm,3.9s,comp=E,319nm,3.4s					
JMKM	Mikurajiminish	1.98 206	A	13 08 22.2		
	comp=N,58nm,8.4s,comp=E,87nm,6.6s					
JUON	Uonuma	2.00 327	A	13 08 21.0		
	comp=N,38nm,2.3s,comp=E,63nm,5.1s					
JNT	Takato	2.05 276	A	13 08 22.2	</	

I21K	baz=267	S	S	13 23 33.0 +3.7		
F22K	baz=267 John River	48.90	28	P	S	13 16 32.0 +1.8
F22K	baz=265	S	S	13 23 33.7 +3.1		
SKT	baz=265 Skwentna	48.94	35	P	P	13 16 32.3 +1.7
SKT	baz=270,SNR=10.0	S	S	13 23 33.5 +2.3		
MTN	baz=270 Manton Dam	49.08	192	P	P	13 16 31.9 -0.2
MTN	comp=Z,1.6nm,1.5s	49.08	192	P	P	13 16 30.8 -1.3
E22K	Anaktuvuk Pass	49.10	27	I Amb	I Amb	13 16 50.7
E22K	Anaktuvuk Pass	49.10	27	P	P	13 16 33.9 +2.1
E22K	baz=264,SNR=56	S	S	13 23 35.6 +2.2		
H22K	baz=264 Ishitalina Cre	49.10	30	I Amb	I Amb	13 16 50.8
H22K	comp=Z,43nm,1.2s	49.10	30	P	P	13 16 34.0 +2.1
H22K	baz=267,SNR=21	S	S	13 23 38.3 +4.8		
G22K	baz=267 Bettles	49.11	29	P	P	13 16 33.6 +1.8
G22K	baz=266	S	S	13 23 35.0 +1.5		
TPI	baz=266 Tanjungpandan	49.12	226	P	P	13 16 32.4 -0.1
CAPN	baz=271 Captain Cook N	49.14	37	P	P	13 16 32.1 0.0
BPAW	baz=269 Bear Paw Mtn.	49.20	33	P	P	13 16 32.7 0.0
BPAW	baz=269	S	S	13 23 37.6 +2.7		
DSRI	baz=269 Dabo	49.21	231	P	P	13 16 33.8 +0.6
KTH	baz=269 Kantishna Hill	49.22	33	I Amb	I Amb	13 16 50.7
PLAI	baz=270 Plampang	49.23	210	P	P	13 16 33.5 +0.1
L22K	baz=270 Petersville	49.29	35	P	P	13 16 33.3 -0.1
MLY	baz=270 Manley	49.33	31	I Amb	I Amb	13 16 51.5
MLY	comp=Z,63nm,1.0s	49.33	31	P	P	13 16 36.2 +2.5
MLY	baz=268,SNR=20	S	S	13 23 39.3 +2.6		
BRSE	baz=268 Bradley Lake S	49.39	38	P	P	13 16 35.1 +1.0
COEN	baz=273 Coen	49.41	177	P	P	13 16 36.6 +2.0
COEN	comp=Z,109nm,1.2s	49.41	177	P	P	13 16 34.9 +0.2
UHLL	baz=270 Ulahoi	49.46	298	P	P	13 16 35.6 +0.4
TRF	baz=270 Thorofare Moun	49.51	33	P	P	13 16 36.4 +1.3
TRF	baz=270,SNR=9.2	S	S	13 23 41.6 +2.2		
TWSI	baz=270 Taliwang, Sumb	49.53	212	P	P	13 16 35.0 -0.6
D23K	baz=270 Nanushuk River	49.59	26	I Amb	I Amb	13 16 56.3
D23K	comp=Z,36nm,1.1s	I AMs_20	I AMs_20	13 38 55.8		
D23K	comp=Z,1.1um,19.0s	49.59	26	P	P	13 16 37.3 +1.8
D23K	baz=265	S	S	13 23 42.4 +2.3		
SLKM	baz=265 Skliak Lake	49.61	37	I Amb	I Amb	13 16 46.7
BOOM	comp=Z,69nm,1.3s	49.61	299	I Amb	I Amb	13 16 58.9
M22K	comp=Z,64nm,0.9s	49.61	36	P	P	13 16 38.0 +2.3
G23K	baz=272,SNR=8.3 Bananza Creek	49.69	29	P	P	13 16 38.0 +1.7
G23K	baz=267	S	S	13 23 43.8 +2.1		
C23K	baz=267 Iklikli River	49.69	25	I Amb	I Amb	13 16 57.4
C23K	comp=Z,38nm,1.2s	I AMs_20	I AMs_20	13 39 15.6		
C23K	comp=Z,1.1um,20.0s	49.69	25	P	P	13 16 36.5 +0.3
C23K	baz=264,SNR=39	S	S	13 23 43.2 +1.7		
TKM2	baz=264 Tokmak 2	49.75	299	P	P	13 16 37.6 +0.3
RKHI	SNR=59 Kahang-Kahang	49.75	213	P	P	13 16 38.0 +0.7
RC01	baz=272 Rabbit Creek A	49.82	37	I AMs_20	I AMs_20	13 37 15.6
RC01	comp=Z,2.1um,22.0s	49.82	37	P	P	13 16 38.3 +1.0
RC01	baz=272	S	S	13 23 42.9 -0.6		
NRN	baz=272 Naryn	49.85	297	I Amb	I Amb	13 16 58.7
H23K	comp=Z,47nm,0.9s Yukon River	49.85	30	P	P	13 16 38.7 +1.1
H23K	baz=268	S	S	13 23 48.7 +4.8		
O22K	baz=268 Cooper Landing	49.86	37	P	P	13 16 37.5 -0.1
E23K	baz=273 Chandalar	49.91	27	I Amb	I Amb	13 16 42.8
E23K	comp=Z,49nm,0.9s	49.91	27	P	P	13 16 39.6 +1.6
E23K	baz=267,SNR=66	S	S	13 23 47.2 +2.4		
I23K	baz=267 Minto, Yukon-K	49.92	31	P	P	13 16 39.2 +1.2
I23K	baz=269	S	S	13 23 48.2 +3.4		
TOLK	baz=269 Toolik Lake Re	49.97	27	P	P	13 16 40.3 +1.9
TOLK	baz=266,SNR=22	S	S	13 23 48.3 +2.8		
SEW	baz=266 Seward	50.01	38	I Amb	I Amb	13 16 58.2
SEW	comp=Z,75nm,1.1s	I AMs_20	I AMs_20	13 39 19.7		
SEW	comp=Z,2.1um,21.0s	50.01	38	P	P	13 16 40.3 +1.5
NEA2	baz=273 Nenana	50.04	32	P	P	13 16 39.3 +0.3
NEA2	baz=270,SNR=12	S	S	13 23 48.4 +1.9		
PMR	baz=270 Palmer	50.09	36	I Amb	I Amb	13 16 50.5
PMR	comp=Z,46nm,1.2s	50.09	36	P	P	13 16 40.7 +1.4
PMR	baz=272,SNR=14	50.09	36	P	P	13 16 37.9 -1.5
PMR	baz=272	S	S	13 23 46.7 -0.5		
MCK	baz=272 McKinley	50.11	33	I Amb	I Amb	13 16 59.5
MCK	comp=Z,63nm,1.4s	50.11	33	P	P	13 16 39.2 -0.3
MCK	baz=271,SNR=19	S	S	13 23 49.2 +1.7		
RND	baz=271 Reindeer	50.15	34	I Amb	I Amb	13 16 56.7
BRZS	comp=Z,65nm,1.0s	50.17	309	eP	P	13 16 40.4 +0.2
BRZS	50.17	309	eP	P	13 16 40.4 +0.2	
GHO	50.18	36	I Amb	I Amb	13 16 51.8	
D24K	50.27	26	I AMs_20	I AMs_20	13 37 19.9	
D24K	50.27	26	P	P	13 16 40.8 +0.2	
D24K	baz=266	S	S	13 23 50.9 +1.4		
KBK	baz=266 Karagaybulak	50.27	299	P	P	13 16 41.8 +0.5
SGDS	SNR=36 Sogindiy	50.30	300	eP	P	13 16 41.4 +0.1
WAT1	comp=Z,38nm,1.7s	50.31	34	P	P	13 16 40.1 -0.9
WAT1	baz=272	S	S	13 23 51.4 +1.0		
BTLs	baz=272 Baital	50.31	302	eP	P	13 16 41.5 +0.2
BTLs	comp=Z,48nm,1.8s	50.31	302	eP	P	13 16 41.6 +0.2

CHMS	Chumysh	50.33	300	P	P	13 16 41.9 +0.4
E24K	SNR=18 Your Creek	50.34	27	P	P	13 16 42.5 +1.3
E24K	baz=268	S	S	13 23 54.2 +3.5		
C24K	baz=268 Franklin Bluff	50.35	25	P	P	13 16 41.1 +0.6
C24K	baz=266	S	S	13 23 52.2 +1.6		
KNK	comp=Z,36nm,0.9s Knik Glacier	50.42	36	I Amb	I Amb	13 16 54.8
KNK	comp=Z,2.1um,22.0s	I AMs_20	I AMs_20	13 37 25.5		
KNK	Knik Glacier	50.42	36	P	P	13 16 41.8 -0.1
KNK	baz=273,SNR=11	S	S	13 23 52.2 +0.3		
NGOA	baz=273 Tingoa Renbel	50.43	155	P	P	13 16 43.7 +1.3
OSP	Ospenovka	50.43	300	P	P	13 16 42.5 +0.2
SML	comp=Z,50nm,0.8s Sawmill	50.46	36	I Amb	I Amb	13 16 59.7
SML	comp=Z,2.1um,22.0s	I AMs_20	I AMs_20	13 37 11.6		
SML	baz=273,SNR=9.9	50.46	36	P	P	13 16 42.7 +0.5
SML	baz=273	S	S	13 23 55.2 +2.7		
WRH	baz=273 Wood River Hill	50.47	32	I Amb	I Amb	13 18 03.9
H24K	comp=Z,27nm,0.7s Noodor Dome	50.54	30	I Amb	I Amb	13 17 04.0
H24K	comp=Z,35nm,0.9s	50.54	30	P	P	13 16 45.2 +2.5
H24K	baz=270,SNR=31	S	S	13 23 56.6 +3.1		
F24K	baz=270 Squaw Lake	50.55	28	P	P	13 16 43.2 +0.4
F24K	baz=269,SNR=12	S	S	13 23 57.8 +4.2		
COLA	baz=269 College	50.56	32	P	P	13 16 43.1 +0.3
COLA	comp=Z,40nm,0.8s	I Amb	I Amb	13 17 00.8		
COLA	College	50.56	32	P	P	13 16 44.5 +1.7
COLA	College	50.56	32	P	P	13 16 43.9 +1.1
PSI	comp=Z,29nm,0.9s Prapat	50.57	239	P	P	13 16 42.8 -0.9
AAK	comp=Z,69nm,comp=Z,33nm,0.8s Ala-Archa	50.60	299	LR	LR	13 39 21.1
AAK	comp=Z,4.1um,20.4s, baz=78,slow=37	50.60	299	P	P	13 16 43.8 0.0
AAK	SNR=14 Ala-Archa	50.60	299	P	P	13 16 43.3 -0.4
AAK	Ala-Archa	50.60	299	I Amb	I Amb	13 17 04.7
AAK	comp=Z,66nm,1.1s Ala-Archa	50.60	299	i P	P	13 16 44.1 +0.3
AAK	SNR=12 Ala-Archa	50.60	299	eP	P	13 16 43.7 0.0
AAK	comp=Z,26nm,1.0s Ala-Archa	50.60	299	P	P	13 16 43.9 +0.2
AAK	comp=Z,4.1um,20.4s, baz=78,slow=37	50.60	299	P	P	13 18 01.3 +0.4
RPSI	comp=Z,2.1um,18.0s Rantau Prapat	50.64	239	I AMs_20	I AMs_20	13 40 35.3
WAT6	50.69	35	P	P	13 16 43.9 -0.2	
WAT6	comp=Z,2.1um,18.0s Susitna Watana	50.69	35	S	S	13 23 56.0 0.0
G24K	baz=273 Hadweencic Riv	50.70	29	I Amb	I Amb	13 17 10.3
G24K	comp=Z,43nm,1.1s Hadweencic Riv	50.70	29	P	P	13 16 44.6 +0.7
G24K	baz=270	S	S	13 23 59.6 +3.9		
POKR	baz=270 Poker Plat Res	50.73	31	P	P	13 16 44.8 +0.6
POKR	baz=271	S	S	13 23 59.8 +3.6		
M23K	baz=271 Glacier View	50.75	36	S	S	13 23 59.8 +3.4
KSH2	baz=274 Kashi	50.82	295	P	P	13 16 45.9 +0.5
KSH2	comp=Z,38nm,0.8s	S	S	13 23 58.7 +0.3		
KSH2	comp=Z,2.1um,19.6s	LR	LR			
KSH2	comp=Z,2.1um,19.5s	LR	LR			
KSH2	comp=Z,2.1um,21.1s	LR	LR			
DHY	comp=Z,3.4um,comp=Z,1.1um,22.0s Denali Highway	50.83	34	P	P	13 16 46.7 +1.5
DHY	baz=273	S	S	13 23 59.5 +1.6		
KCSI	baz=273 Kotabane, Aceh	50.88	241	P	P	13 16 46.0 +0.1
SCM	comp=Z,30nm,0.8s, baz=271,slow=6.1,SNR=121 Sheep Creek Mo	50.93	36	I Amb	I Amb	13 17 05.3
SCM	comp=Z,50nm,0.9s Sheep Creek Mo	50.93	36	P	P	13 16 47.1 +1.3
SCM	baz=274,SNR=7.6	S	S	13 24 01.2 +2.1		
HDA	baz=274 Harding Lake	50.96	32	I Amb	I Amb	13 17 02.5
HDA	comp=Z,46nm,1.0s	I AMs_20	I AMs_20	13 37 15.1		
HDA	comp=Z,1.1um,22.0s Harding Lake	50.96	32	P	P	13 16 46.0 0.0
HDA	baz=272,SNR=27	S	S	13 23 58.8 -0.6		
IL31	baz=272 Eielson Array	50.98	32	I Amb	I Amb	13 17 02.6
ILAR	comp=Z,41nm,0.8s Eielson Array	50.98	32	P	P	13 16 47.0 +1.0
ILAR	comp=Z,30nm,0.8s, baz=271,slow=6.1,SNR=121	50.98	32	P	P	13 16 45.5 +0.5
BVAR	comp=Z,40nm,0.8s, baz=82,slow=8.0,SNR=109 Borovoye Array	51.04	313	P	P	13 16 46.6 -0.1
BVAR	comp=Z,1.2nm,0.7s, baz=54,slow=4.1,SNR=1.6	P	P	13 18 01.7 -0.4		
BVAR	comp=Z,0.7nm,0.5s, baz=3.5,slow=2.7,SNR=3.7	S	S	13 23 59.4 -1.4		
P23K	comp=Z,40nm,0.8s Montague Island	51.05	38	I AMs_20	I AMs_20	13 38 11.0
P23K	comp=Z,2.1um,21.0s Montague Island	51.05	38	P	P	13 16 47.4 +0.8
PNJK	51.07	218	P	P	13 16 48.1 +0.6	
BORK	comp=Z,85nm,1.9s Borovoye	51.08	313	P	P	13 16 46.6 -0.3
BORK	comp=Z,53nm,0.8s	I Amb	I Amb	13 16 49.1		
BORK	comp=Z,2.1um,18.0s	I AMs_20	I AMs_20	13 39 19.0		
BORK	comp=Z,2.1um,18.0s	P	P	13 16 46.6 -0.3		
EKS2	comp=Z,89nm,1.0s Erkin-Say	51.11	299	P	P	13 16 47.6 +0.1
D25K	SNR=9.7 Kavik River	51.15	26	I Amb	I Amb	13 17 11.7
D25K	comp=Z,71nm,1.4s	I AMs_20	I AMs_20	13 40 05.5		
D25K	comp=Z,1.1um,19.0s Kavik River	51.15	26	P	P	13 16 48.4 +1.3
D25K	baz=269	S	S	13 23 50.0 +1.1		
G25K	baz=269 Bearman Lake	51.25	29	P	P	13 16 50.2 +2.2
F25K	baz=271 Christina Rive	51.41	28	P	P	13 16 52.3 +3.0
F25K	baz=271	S	S	13 24 10.4 +4.8		
E25K	baz=271 Arctic Village	51.43	27	P	P	13 16 52.0 +2.5
E25K	baz=270,SNR=41	S	S	13 24 09.9 +4.1		
M24K	baz=270 Tolsona, Glenn	51.45	35	I AMs_20	I AMs_20	13 37 51.9
M24K	comp=Z,1.1um,22.0s Tolsona, Glenn	51.45	35	P	P	13 16 53.6 +3.9
M24K	baz=275,SNR=6.0	S	S	13 24 09.5 +3.2		
HIN	baz=275 Hindbrook I	51.45	37	I AMs_20	I AMs_20	13 38 29.8
K24K	comp=Z,1.1um,19.0s Donnelly Dome	51.51	33	I Amb	I Amb	13 17 06.8

K24K	Donnelly Dome	51.51	33	P	P	13 16 51.5 +1.4
K24K	baz=274,SN					

4d 13h

F28M	Old Crow	53.62	28	I	Amb	I	Amb	13 17 23.8
F28M	Old Crow	53.62	28	P	P	P	P	13 17 08.1 +2.5
F28M	Old Crow	53.62	28	S	S	S	S	13 24 40.6 +5.0
MTSU	Mount Surprise	53.62	176	P	P	P	P	13 17 07.7 +1.6
E28M	Babbage River	53.64	27	I	Amb	I	Amb	13 39 42.9
E28M	Babbage River	53.64	27	P	P	P	P	13 17 06.8 +1.0
E28M	Babbage River	53.64	27	S	S	S	S	13 24 40.8 +5.0
GRNC	Granite Creek	53.73	37	I	Amb	I	Amb	13 17 18.6
GRNC	Granite Creek	53.73	37	P	P	P	P	13 38 10.2
GRNC	Granite Creek	53.73	37	S	S	S	S	13 17 08.6 +1.5
BRLS	Borolday	53.78	301	eP	P	P	P	13 17 08.7 +1.5
BRLS	Borolday	53.78	301	eP	P	P	P	13 17 09.7 +2.2
I28M	Miner Creek	53.85	31	P	P	P	P	13 24 41.9 +3.0
I28M	Miner Creek	53.85	31	S	S	S	S	13 17 09.4 +2.2
D28M	Stokes Point	53.85	26	P	P	P	P	13 17 09.0 +1.3
D28M	Stokes Point	53.85	26	S	S	S	S	13 24 44.5 +5.8
BVCY	Beaver Creek	53.88	34	P	P	P	P	13 24 43.5 +4.1
BVCY	Beaver Creek	53.88	34	S	S	S	S	13 17 09.3 +1.5
CTG	Chitna Glacier	53.90	36	P	P	P	P	13 17 10.0 +0.1
CHM	Chimkent	54.16	300	eP	P	P	P	13 17 10.0 +0.1
CHM	Chimkent	54.16	300	eP	P	P	P	13 17 10.0 +0.1
CHM	Chimkent	54.16	300	eP	P	P	P	13 17 10.0 +0.1
CHM	Chimkent	54.16	300	eP	P	P	P	13 17 10.0 +0.1
YUK3	Moose Creek	54.18	35	P	P	P	P	13 17 11.1 +1.1
YUK3	Moose Creek	54.18	35	S	S	S	S	13 24 48.0 +4.3
E29M	Blow River	54.27	27	I	Amb	I	Amb	13 17 35.4
E29M	Blow River	54.27	27	P	P	P	P	13 17 12.7 +2.5
E29M	Blow River	54.27	27	S	S	S	S	13 24 48.8 +4.5
H29M	Whitestone	54.38	30	I	Amb	I	Amb	13 17 42.8
H29M	Whitestone	54.38	30	P	P	P	P	13 17 13.6 +2.4
H29M	Whitestone	54.38	30	S	S	S	S	13 24 49.9 +4.0
G29M	Pine Creek	54.42	29	I	Amb	I	Amb	13 17 29.4
G29M	Pine Creek	54.42	29	P	P	P	P	13 17 14.1 +2.6
G29M	Pine Creek	54.42	29	S	S	S	S	13 24 50.5 +4.1
NIL	Nilore	54.46	289	P	P	P	P	13 17 11.7 -0.6
NIL	Nilore	54.46	289	P	P	P	P	13 17 11.7 -0.6
NIL	Nilore	54.46	289	P	P	P	P	13 17 11.7 -0.6
NIL	Nilore	54.46	289	P	P	P	P	13 17 11.7 -0.6
O28M	Mount Upton	54.48	36	P	P	P	P	13 17 13.9 +1.6
O28M	Mount Upton	54.48	36	S	S	S	S	13 24 50.9 +2.9
I29M	Ogilvie Camp	54.54	31	I	Amb	I	Amb	13 43 31.7
I29M	Ogilvie Camp	54.54	31	P	P	P	P	13 17 13.8 +1.5
I29M	Ogilvie Camp	54.54	31	S	S	S	S	13 24 52.4 +4.3
YUK8	Steele Glacier	54.59	36	S	S	S	S	13 24 52.4 +3.0
J29N	Klonkide Camp	54.72	32	I	Amb	I	Amb	13 41 25.6
BRWY	Burwash Landin	54.92	35	P	P	P	P	13 17 17.3 +2.2
BRWY	Burwash Landin	54.92	35	S	S	S	S	13 24 57.1 +3.7
M29M	Somme Creek	54.98	34	I	Amb	I	Amb	13 40 21.2
M29M	Somme Creek	54.98	34	P	P	P	P	13 17 18.5 +2.8
M29M	Somme Creek	54.98	34	S	S	S	S	13 24 59.9 +5.7
L29M	L29M	55.00	33	P	P	P	P	13 17 18.6 +2.9
L29M	L29M	55.00	33	S	S	S	S	13 25 00.5 +6.0
EPYK	Eagle Plains	55.02	29	P	P	P	P	13 17 17.3 +1.5
EPYK	Eagle Plains	55.02	29	S	S	S	S	13 24 58.6 +4.1
G30M	taoh Zraii Nji	55.11	28	P	P	P	P	13 17 18.4 +1.9
G30M	taoh Zraii Nji	55.11	28	S	S	S	S	13 24 59.3 +3.5
YUK4	Talbot Arm	55.11	35	P	P	P	P	13 17 18.3 +1.6
K29M	Barlow Dome	55.13	32	I	Amb	I	Amb	13 17 34.3
K29M	Barlow Dome	55.13	32	P	P	P	P	13 17 19.2 +2.5
K29M	Barlow Dome	55.13	32	S	S	S	S	13 25 00.4 +4.1
F30M	Barrier River	55.17	28	I	Amb	I	Amb	13 17 40.4
F30M	Barrier River	55.17	28	P	P	P	P	13 17 19.2 +2.4
F30M	Barrier River	55.17	28	S	S	S	S	13 25 00.0 +3.6
YUK6	Outpost Mounta	55.33	36	P	P	P	P	13 17 21.4 +3.1
YUK6	Outpost Mounta	55.33	36	S	S	S	S	13 25 02.4 +3.2
FITZ	Fitzroy Crossi	55.33	197	LR	LR	LR	LR	13 40 00.2
FITZ	Fitzroy Crossi	55.33	197	I	Amb	I	Amb	13 17 21.5
FITZ	Fitzroy Crossi	55.33	197	P	P	P	P	13 17 19.0 +0.5
I30M	Mount Dempster	55.36	31	I	Amb	I	Amb	13 42 11.4
I30M	Mount Dempster	55.36	31	P	P	P	P	13 17 20.6 +2.2
I30M	Mount Dempster	55.36	31	S	S	S	S	13 25 02.7 +3.4
O29M	Mount Kennedy	55.36	37	P	P	P	P	13 17 21.1 +2.6
O29M	Mount Kennedy	55.36	37	S	S	S	S	13 25 05.4 +5.9
J30M	Hart River	55.50	31	I	Amb	I	Amb	13 17 20.7 +1.3
J30M	Hart River	55.50	31	P	P	P	P	13 25 05.8 +4.6
J30M	Hart River	55.50	31	S	S	S	S	13 17 19.1 -1.2
WRAB	Tennant Creek	55.62	187	P	P	P	P	13 17 29.5
WRAB	Tennant Creek	55.62	187	P	P	P	P	13 40 07.2
WRAB	Tennant Creek	55.62	187	P	P	P	P	13 17 20.3 -0.2
WRAB	Tennant Creek	55.62	187	P	P	P	P	13 17 18.3 -2.2
WRA	Warramunga Arr	55.63	187	P	P	P	P	13 17 20.1 -0.6
WRA	Warramunga Arr	55.63	187	S	S	S	S	13 25 01.5 -2.0
WRA	Warramunga Arr	55.63	187	P	P	P	P	13 17 19.1 -1.6
CHGR	Chuyangaron	55.70	296c	iP	P	P	P	13 17 21.0 -0.2

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CHGR	comp=Z,133nm,0.7s							
CTA	Charters Tower	55.70	174	P	P	P	P	13 17 22.4 +1.2
CTA	Charters Tower	55.70	174	LR	LR	LR	LR	13 40 34.0
CTA	Charters Tower	55.70	174	P	P	P	P	13 17 19.4 -1.8
CTA	Charters Tower	55.70	174	P	P	P	P	13 17 21.8 +0.6
CTA	Charters Tower	55.70	174	P	P	P	P	13 17 19.4 -1.8
M30M	Minto, Yukon	55.71	34	I	Amb	I	Amb	13 40 43.5
M30M	Minto, Yukon	55.71	34	P	P	P	P	13 17 23.6 +2.7
M30M	Minto, Yukon	55.71	34	S	S	S	S	13 25 09.3 +5.4
HYT	Haines Junctio	55.76	36	P	P	P	P	13 17 23.1 +1.7
HYT	Haines Junctio	55.76	36	S	S	S	S	13 25 07.9 +3.1
SVE	Sverdlövs	55.77	319d	iP	P	P	P	13 17 21.9 +0.6
SVE	Sverdlövs	55.77	319d	eS	S	S	S	13 25 04.8 +0.1
SVE	Sverdlövs	55.77	319d	eS	S	S	S	13 25 04.8 +0.1
SVE	Sverdlövs	55.77	319d	eS	S	S	S	13 25 04.8 +0.1
N30M	Aishikik Lake	55.82	35	P	P	P	P	13 17 24.1 +2.4
N30M	Aishikik Lake	55.82	35	S	S	S	S	13 25 10.4 +5.0
N30M	Aishikik Lake	55.82	35	P	P	P	P	13 17 20.7 -1.1
N30M	Aishikik Lake	55.82	35	P	P	P	P	13 17 22.3 +0.4
G31M	Satah River	55.87	28	P	P	P	P	13 17 20.7 -1.1
G31M	Satah River	55.87	28	P	P	P	P	13 17 22.3 +0.4
G31M	Satah River	55.87	28	S	S	S	S	13 25 08.8 +3.1
INK	Inuvik	55.88	27	LR	LR	LR	LR	13 41 57.9
INK	Inuvik	55.88	27	P	P	P	P	13 17 22.3 +0.5
INK	Inuvik	55.88	27	S	S	S	S	13 25 07.2 +1.4
P29M	Windy Craggy	55.92	37	P	P	P	P	13 17 23.8 +1.4
P29M	Windy Craggy	55.92	37	S	S	S	S	13 25 10.4 +3.7
QIS	Mount Isa	55.93	181	P	P	P	P	13 17 23.5 +0.7
QIS	Mount Isa	55.93	181	P	P	P	P	13 17 23.6 +0.8
QIS	Mount Isa	55.93	181	P	P	P	P	13 17 39.9
F31M	Tsigitehich	55.97	28	I	Amb	I	Amb	13 17 23.9 +1.3
F31M	Tsigitehich	55.97	28	P	P	P	P	13 25 09.6 +2.5
F31M	Tsigitehich	55.97	28	S	S	S	S	13 17 23.9 +1.3
H31M	Peel River	56.07	30	I	Amb	I	Amb	13 44 11.1
H31M	Peel River	56.07	30	P	P	P	P	13 17 23.7 +0.3
H31M	Peel River	56.07	30	S	S	S	S	13 25 12.0 +3.4
P30M	Million Dollar	56.19	37	P	P	P	P	13 17 23.8 -0.5
P30M	Million Dollar	56.19	37	S	S	S	S	13 25 15.4 +5.1
N31M	Brauchum, Yuko	56.42	35	P	P	P	P	13 17 27.8 +1.9
N31M	Brauchum, Yuko	56.42	35	S	S	S	S	13 25 19.5 +6.1
O30N	Mendenhall	56.45	36	P	P	P	P	13 17 29.7 +3.6
O30N	Mendenhall	56.45	36	S	S	S	S	13 25 18.6 +4.9
PLBC	Pleasant Camp	56.64	37	P	P	P	P	13 17 29.7 +2.2
PLBC	Pleasant Camp	56.64	37	S	S	S	S	13 25 20.7 +4.5
SANVU	Saraoutou	56.72	149	P	P	P	P	13 17 27.4 -1.0
SANVU	Saraoutou	56.72	149	P	P	P	P	13 17 29.8 +1.4
M31M	Dru Creek, Y	56.89	34	P	P	P	P	13 17 31.4 +2.2
M31M	Dru Creek, Y	56.89	34	S	S	S	S	13 25 23.1 +3.7
WHY	Whitehorse	57.05	36	P	P	P	P	13 17 33.4 +2.9
WHY	Whitehorse	57.05	36	S	S	S	S	13 25 27.7 +5.8
ARTI	Arti	57.08	319	LR	LR	LR	LR	13 44 19.9
ARTI	Arti	57.08	319	P	P	P	P	13 17 30.6 0.0
ARTI	Arti	57.08	319	P	P	P	P	13 17 30.6 0.0
ARTI	Arti	57.08	319	iP	P	P	P	13 17 46.5 -2.0
ARTI	Arti	57.08	319	iP	P	P	P	13 18 23.9
ARTI	Arti	57.08	319	iP	P	P		

ARCES	comp=Z,25nm,0.8s,baz=57,slow=8.8,SNR=42	LR	LR	13 49 51.0
ARCES	comp=Z,21m,21.3s,baz=59,slow=39			
ARCES	comp=Z,25nm,0.8s	65.06 339	P	13 18 24.5 0.0
ARCES	comp=Z,31nm,0.8s	65.06 339	P	13 18 24.5 0.0
ARCES	comp=Z,31nm,0.9s	65.30 30	P	13 18 26.9 +0.8
YKA	comp=Z,41nm,20.9s,baz=302,slow=6.5,SNR=79	LR	LR	13 47 41.6
YKA	comp=Z,9.2nm,0.9s	65.30 30	P	13 18 26.2 +0.1
YKA	comp=Z,9.2nm,0.9s	65.30 30	P	13 18 26.2 +0.1
YKA	comp=Z,9.2nm,0.9s	65.37 202	P	13 18 27.0 -0.1
MEEK	comp=Z,46nm,1.3s	65.37 202	P	13 18 27.3 +0.3
MEEK	comp=Z,46nm,1.3s	65.37 202	P	13 18 27.3 +0.3
KTK1	comp=Z,154nm,1.7s	66.02 340	eP	13 18 32.7
KTK1	comp=Z,154nm,1.7s	66.02 340	eP	13 18 32.7
KTK1	comp=Z,21m,21.3s	66.46 341	eP	13 18 33.8 +0.2
JETT	comp=Z,39nm,1.0s	66.53 7	iP	13 18 36.1
TULEG	comp=Z,39nm,1.0s	66.53 7	iP	13 18 36.1
TULEG	comp=Z,916nm,19.0s	66.53 7	iP	13 18 33.8 0.0
TULEG	comp=Z,49nm,1.1s	66.54 170	P	13 18 36.9 +2.3
ARMA	comp=Z,32nm,1.4s	66.54 170	P	13 18 37.6
ARMA	comp=Z,32nm,1.4s	66.54 170	P	13 18 37.6
ARMA	comp=Z,32nm,1.4s	66.54 170	P	13 18 35.4 +0.8
ARMA	comp=Z,32nm,1.4s	66.54 170	P	13 18 35.4 +0.8
AFI	comp=Z,11m,22.0s,baz=316,slow=30	66.75 129	LR	13 41 44.3
TRO	comp=Z,11m,22.0s,baz=316,slow=30	66.80 341	eP	13 18 35.3 -0.3
TRO	comp=Z,200nm,1.8s	66.80 341	eP	13 18 37.3
TRO	comp=Z,21m,16.7s	66.92 3	iP	13 18 37.6 +0.9
TRO	comp=Z,21m,16.7s	66.92 3	iP	13 18 39.2
NEEM	comp=Z,79nm,1.0s	67.02 175	P	13 18 39.1 +1.6
NEEM	comp=Z,79nm,1.0s	67.02 175	P	13 18 39.1 +1.6
CMSA	comp=Z,39nm,1.5s	67.02 175	P	13 18 38.7 +1.3
CMSA	comp=Z,39nm,1.5s	67.02 175	P	13 18 38.7 +1.3
DAG	comp=Z,20nm,0.9s	67.08 355	iP	13 18 36.9 -0.4
DAG	comp=Z,20nm,0.9s	67.08 355	iP	13 18 39.8
FORT	comp=Z,90nm,0.7s	67.15 192	P	13 18 38.9 +0.7
FORT	comp=Z,90nm,0.7s	67.15 192	P	13 18 38.9 +0.7
FORT	comp=Z,90nm,0.7s	67.15 192	P	13 18 38.3 +0.1
STKA	comp=Z,135nm,0.8s	67.20 179	P	13 18 39.4 +0.8
STKA	comp=Z,135nm,0.8s	67.20 179	P	13 18 39.4 +0.8
STKA	comp=Z,10nm,0.8s,baz=344,slow=8.3,SNR=14	67.20 179	P	13 18 39.1 +0.6
STKA	comp=Z,68nm,20.4s,baz=355,slow=36	67.20 179	P	13 18 39.1 +0.6
STKA	comp=Z,10nm,0.8s	67.20 179	P	13 18 36.4 -2.1
STKA	comp=Z,10nm,0.8s	67.20 179	P	13 18 36.4 -2.1
MOS	comp=Z,300nm,1.5s	67.98 324	eP	13 18 43.4 +0.1
MOS	comp=Z,300nm,1.5s	67.98 324	eP	13 18 43.4 +0.1
MOS	comp=Z,300nm,1.5s	67.98 324	eP	13 19 10.1 0.0
MOS	comp=Z,300nm,1.5s	67.98 324	eP	13 19 10.1 0.0
MOS	comp=Z,300nm,1.5s	67.98 324	eP	13 21 19.2
MOS	comp=Z,300nm,1.5s	67.98 324	eP	13 21 19.2
MOS	comp=Z,300nm,1.5s	67.98 324	eP	13 27 37.3 -1.5
MOS	comp=Z,300nm,1.5s	67.98 324	eP	13 28 08.8 +8.4
MOS	comp=Z,300nm,1.5s	67.98 324	eP	13 28 36.5
MOS	comp=Z,106nm,1.3s			
MOS	comp=Z,106nm,1.3s			
MOS	comp=N,500nm,2.8s			
MOS	comp=N,500nm,2.8s			
MOS	comp=E,400nm,2.6s			
MOS	comp=E,400nm,2.6s			
MOS	comp=N,11m,15.0s			
MOS	comp=N,11m,15.0s			
MOS	comp=E,21m,15.0s			
MOS	comp=E,21m,15.0s			
SHR1	comp=Z,21m,15.0s	68.18 318	eP	13 18 44.1 -0.5
VRH	comp=Z,21m,15.0s	68.18 318	eP	13 18 44.1 -0.5
VRH	comp=Z,179nm,2.0s	68.26 184	P	13 18 46.5 +1.3
BBOO	comp=Z,37nm,1.8s	68.26 184	P	13 18 46.5 +1.3
BBOO	comp=Z,37nm,1.8s	68.26 184	P	13 19 13.1
BBOO	comp=Z,10nm,1.3s	68.26 184	P	13 18 46.2 +1.0
MORW	comp=Z,70nm,1.9s	68.44 203	P	13 18 47.4 +1.0
MORW	comp=Z,70nm,1.9s	68.44 203	P	13 18 46.1 -0.4
MORW	comp=Z,70nm,1.9s	68.44 203	P	13 18 47.3 +0.9
HTT	comp=Z,15nm,1.0s	68.76 182	P	13 18 48.0 -0.3
HTT	comp=Z,15nm,1.0s	68.76 182	P	13 18 48.0 -0.3
HTT	comp=Z,15nm,1.0s	68.76 182	P	13 18 49.1 +0.7
MAK	comp=Z,21m,15.0s	68.81 308	iP	13 18 47.7 -1.1
MAK	comp=Z,21m,15.0s	68.81 308	iP	13 18 47.7 -1.1
MAK	comp=Z,21m,15.0s	68.81 308	iP	13 19 02.2 +0.5
MAK	comp=Z,21m,15.0s	68.81 308	iP	13 19 07.5 +0.7
MAK	comp=Z,21m,15.0s	68.81 308	iP	13 21 20.7
MAK	comp=Z,21m,15.0s	68.81 308	iP	13 22 59.3
MAK	comp=Z,21m,15.0s	68.81 308	iP	13 27 46.8 -2.4
MAK	comp=Z,21m,15.0s	68.81 308	iP	13 28 10.9 +0.1
MAK	comp=Z,21m,15.0s	68.81 308	iP	13 32 19.4 +5.2
MAK	comp=Z,105nm,1.0s			
MAK	comp=Z,105nm,1.0s			
MAK	comp=Z,21m,18.0s	68.82 323	LR	13 51 18.7
OBN	comp=Z,11m,18.1s,baz=58,slow=38	68.82 323	iP	13 18 48.7 +0.2
OBN	comp=Z,11m,18.1s,baz=58,slow=38	68.82 323	iP	13 18 48.5 -0.1
OBN	comp=Z,11m,18.1s,baz=58,slow=38	68.82 323	iP	13 18 48.5 -0.1
OBN	comp=Z,11m,18.1s,baz=58,slow=38	68.82 323	iP	13 18 48.5 -0.1
OBN	comp=Z,11m,20.0s	68.82 323	iP	13 18 48.0 -0.6
OBN	comp=Z,11m,20.0s	68.82 323	iP	13 18 48.0 -0.6
OBN	comp=Z,11m,20.0s	68.82 323	iP	13 18 48.0 -0.6
OBN	comp=Z,11m,20.0s	68.82 323	iP	13 18 48.0 -0.6
OBN	comp=Z,40nm,1.1s			
OBN	comp=Z,40nm,1.1s			
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.7 +0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.7 +0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.4 -0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 19 02.2 +0.5
OBN	comp=Z,21m,15.0s	68.82 323	P	13 19 07.5 +0.7
OBN	comp=Z,21m,15.0s	68.82 323	P	13 21 20.7
OBN	comp=Z,21m,15.0s	68.82 323	P	13 22 59.3
OBN	comp=Z,21m,15.0s	68.82 323	P	13 27 46.8 -2.4
OBN	comp=Z,21m,15.0s	68.82 323	P	13 28 10.9 +0.1
OBN	comp=Z,21m,15.0s	68.82 323	P	13 32 19.4 +5.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.7 +0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.7 +0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.4 -0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 19 02.2 +0.5
OBN	comp=Z,21m,15.0s	68.82 323	P	13 19 07.5 +0.7
OBN	comp=Z,21m,15.0s	68.82 323	P	13 21 20.7
OBN	comp=Z,21m,15.0s	68.82 323	P	13 22 59.3
OBN	comp=Z,21m,15.0s	68.82 323	P	13 27 46.8 -2.4
OBN	comp=Z,21m,15.0s	68.82 323	P	13 28 10.9 +0.1
OBN	comp=Z,21m,15.0s	68.82 323	P	13 32 19.4 +5.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.7 +0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.7 +0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.4 -0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 19 02.2 +0.5
OBN	comp=Z,21m,15.0s	68.82 323	P	13 19 07.5 +0.7
OBN	comp=Z,21m,15.0s	68.82 323	P	13 21 20.7
OBN	comp=Z,21m,15.0s	68.82 323	P	13 22 59.3
OBN	comp=Z,21m,15.0s	68.82 323	P	13 27 46.8 -2.4
OBN	comp=Z,21m,15.0s	68.82 323	P	13 28 10.9 +0.1
OBN	comp=Z,21m,15.0s	68.82 323	P	13 32 19.4 +5.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.7 +0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.7 +0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.4 -0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 19 02.2 +0.5
OBN	comp=Z,21m,15.0s	68.82 323	P	13 19 07.5 +0.7
OBN	comp=Z,21m,15.0s	68.82 323	P	13 21 20.7
OBN	comp=Z,21m,15.0s	68.82 323	P	13 22 59.3
OBN	comp=Z,21m,15.0s	68.82 323	P	13 27 46.8 -2.4
OBN	comp=Z,21m,15.0s	68.82 323	P	13 28 10.9 +0.1
OBN	comp=Z,21m,15.0s	68.82 323	P	13 32 19.4 +5.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.7 +0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.7 +0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.4 -0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 19 02.2 +0.5
OBN	comp=Z,21m,15.0s	68.82 323	P	13 19 07.5 +0.7
OBN	comp=Z,21m,15.0s	68.82 323	P	13 21 20.7
OBN	comp=Z,21m,15.0s	68.82 323	P	13 22 59.3
OBN	comp=Z,21m,15.0s	68.82 323	P	13 27 46.8 -2.4
OBN	comp=Z,21m,15.0s	68.82 323	P	13 28 10.9 +0.1
OBN	comp=Z,21m,15.0s	68.82 323	P	13 32 19.4 +5.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.7 +0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.7 +0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.4 -0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 19 02.2 +0.5
OBN	comp=Z,21m,15.0s	68.82 323	P	13 19 07.5 +0.7
OBN	comp=Z,21m,15.0s	68.82 323	P	13 21 20.7
OBN	comp=Z,21m,15.0s	68.82 323	P	13 22 59.3
OBN	comp=Z,21m,15.0s	68.82 323	P	13 27 46.8 -2.4
OBN	comp=Z,21m,15.0s	68.82 323	P	13 28 10.9 +0.1
OBN	comp=Z,21m,15.0s	68.82 323	P	13 32 19.4 +5.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.7 +0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.7 +0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.4 -0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 19 02.2 +0.5
OBN	comp=Z,21m,15.0s	68.82 323	P	13 19 07.5 +0.7
OBN	comp=Z,21m,15.0s	68.82 323	P	13 21 20.7
OBN	comp=Z,21m,15.0s	68.82 323	P	13 22 59.3
OBN	comp=Z,21m,15.0s	68.82 323	P	13 27 46.8 -2.4
OBN	comp=Z,21m,15.0s	68.82 323	P	13 28 10.9 +0.1
OBN	comp=Z,21m,15.0s	68.82 323	P	13 32 19.4 +5.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.7 +0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.7 +0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.4 -0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 19 02.2 +0.5
OBN	comp=Z,21m,15.0s	68.82 323	P	13 19 07.5 +0.7
OBN	comp=Z,21m,15.0s	68.82 323	P	13 21 20.7
OBN	comp=Z,21m,15.0s	68.82 323	P	13 22 59.3
OBN	comp=Z,21m,15.0s	68.82 323	P	13 27 46.8 -2.4
OBN	comp=Z,21m,15.0s	68.82 323	P	13 28 10.9 +0.1
OBN	comp=Z,21m,15.0s	68.82 323	P	13 32 19.4 +5.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.7 +0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.7 +0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.4 -0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 19 02.2 +0.5
OBN	comp=Z,21m,15.0s	68.82 323	P	13 19 07.5 +0.7
OBN	comp=Z,21m,15.0s	68.82 323	P	13 21 20.7
OBN	comp=Z,21m,15.0s	68.82 323	P	13 22 59.3
OBN	comp=Z,21m,15.0s	68.82 323	P	13 27 46.8 -2.4
OBN	comp=Z,21m,15.0s	68.82 323	P	13 28 10.9 +0.1
OBN	comp=Z,21m,15.0s	68.82 323	P	13 32 19.4 +5.2
OBN	comp=Z,21m,15.0s	68.82 323	P	13 18 48.7 +0.2
OBN	comp=Z,21m,15.0s	68.82 323	P	

4d 13h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CBN, R58B, 566A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JMA, JWY, JNTK, etc.

ADC 04 13:34:38.2, 1.2, 34.2N, 135.5E, 0.5, h63km, 1km, MV1.7/35, NE WAKAYAMA PREF, Near south coast of western Honshu

2020 MAY

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AS31, AS31, AS31, etc.

Table with columns: TRF, Station Name, Az, Phase ID, Time, Res. Includes stations like Thorofare Moun, Thorofare Moun, etc.

ADC 04 13:34:27.5, 0.5, 36.38N, 141.09E, h0km, mb4.4/27, mbmp4.4/33, ML3.9/4, MS3.7/1, Error ellipse: s-maj=13.7km s-min=12.0km az=99.0

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

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

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

RUSJ Misakicho	8.32 21	eP	Pn	13 36 30.7 +0.5
RUSJ Yuzh-Kuril'sk	8.45 24	eS	Sn	13 38 00.5 -2.6
YUK YUK		eP	Pn	13 38 32.0 +0.1
YUK	comp=N,23nm,0.2s	i/S	Sn	13 38 00.5 -5.6
YUK	comp=Z,89nm,0.2s	pmax	pmax	
JNU Nakatusue	9.06 252	Pn	Pn	13 36 40.7 +0.3
JNU	comp=Z,0.9nm,0.3s,baz=99,slow=1.1,SNR=12	LR		
JNU	comp=Z,10.0nm,0.7s			
JNU Nakatusue	9.06 252	P	Pn	13 36 41.0 +0.6
JNU Nakatusue	9.06 252	P	Pn	13 36 42.4 +2.0
JCU Chichijima	9.30 174	Pn	Pn	13 36 41.6 -2.0
JCU	comp=Z,6.1nm,0.4s,baz=110,slow=20,SNR=14	LR		
JCJ	comp=Z,30nm,0.3s,baz=276,slow=22,SNR=2.3	SNR	Sn	13 38 17.6 -1.0
JCJ Chichijima	9.30 174	Pn	Pn	13 36 42.6 -1.0
JCJ Chichijima	9.30 174	P	Pn	13 36 42.3 -1.3
JCJ Tenei	9.31 340	eP	Pn	13 36 49.9 +6.1
VLA Vladivostok	9.80 316	iP	Pn	13 36 50.7 +0.2
VLA	comp=Z,63nm,1.0s	pmax	pmax	
JSU Suzuyama	10.12 244	Pn	Pn	13 36 56.1 +1.1
PSTR Kuril'sk	10.15 311	iP	Pn	13 36 55.6 +0.4
KUR Kuril'sk	10.20 28	S	Sn	13 36 55.6 -0.3
KUR	comp=N,82nm,0.7s	smax	smax	13 38 42.9 -6.2
KUR	comp=E,78nm,0.7s	smax	smax	
USSR Usuriysk Ar.	10.48 321	Pn	Pn	13 37 01.8 +2.0
USSR	comp=E,2.1nm,0.3s,baz=137,slow=13,SNR=28			
YSS Yuzhno-Sakhal	10.63 6	Pn	Pn	13 37 02.3 +0.5
YSS Yuzhno-Sakhal	10.63 6	eP	Pn	13 37 01.3 -0.5
YSS	comp=Z,10.0nm,1.0s	pmax	pmax	
KSRS Korea Array	10.65 280	Pn	Pn	13 37 06.2 +4.1
KSRS	comp=Z,1.0nm,0.3s,baz=92,slow=14,SNR=19	LR		
KSRS	comp=Z,363nm,18.0s,baz=120,slow=39			13 41 22.3
KS19 Wonju Array Si	10.69 280	Pn	Pn	13 37 03.5 +0.8
TJN Taejon	11.12 274	Pn	Pn	13 37 10.1 +1.6
TJN Taejon	11.12 274	P	Pn	13 37 10.1 +1.6
MDJ Mudanjiang	12.04 317	P	Pn	13 37 27.2 -6.4
MDJ Mudanjiang	12.04 317	P	Pn	13 37 22.9 +1.9
MDJ	comp=Z,22nm,1.4s	pmax	pmax	
BNX BinXian	13.95 316	iP	Pn	13 37 48.4 +1.3
BNX	comp=Z,6.0nm,1.8s	pmax	pmax	
JOW Kunigami	14.51 233	Pn	Pn	13 37 54.7 -0.3
JOW	comp=Z,2.2nm,0.3s,baz=159,slow=5.5,SNR=11			
JOW	comp=Z,3.8nm,0.6s			
JOW Kunigami	14.51 233	Pn	Pn	13 37 54.9 0.0
JOW Kunigami	14.51 233	P	Pn	13 37 56.9 +2.0
TYV Tymovskoe	14.52 4	eP	P	13 38 02.9 +1.8
TYV	comp=Z,19nm,0.6s	pmax	pmax	
TYV	comp=Z,300nm,5.8s	pmax	pmax	
KLR Kul'dur	14.56 335	Pn	Pn	13 37 55.1 -0.3
KLR	comp=Z,0.2nm,0.3s,baz=115,slow=8.8,SNR=3.9			
KLR	comp=Z,0.6nm,0.4s			
DL2 Dalian	15.67 285	P	P	13 38 14.6 +0.6
DL2	comp=Z,21nm,0.6s	pmax	pmax	
HEH HeiHe	17.05 329	eP	Pn	13 38 27.1 -0.6
NJ2 Nanjing	18.93 263	eP	Pn	13 38 50.2 +0.2
NJ2	comp=Z,24nm,0.5s	pmax	pmax	
TIA Tai'an	19.36 277	pP	P	13 38 53.4 -1.3
TIA	comp=Z,2.8nm,0.3s,baz=113,slow=13,SNR=6.2	pP	P	13 39 00.7 -2.5
YOJ Yonaguni jima	19.61 238	P	IAMB	13 38 53.2 -4.2
YOJ	comp=Z,41nm,1.3s	IAMB	IAMB	13 39 08.4
YOJ Yonaguni jima	19.61 238	P	P	13 38 54.5 -2.9
YOJ Yonaguni jima	19.61 238	P	P	13 38 53.3 -4.2
ZEZ Zeya	19.88 335	eP	P	13 38 58.9 -1.3
ZEZ	comp=N,10.0nm,0.7s	pmax	pmax	
ZEZ	comp=E,10.0nm,0.7s	pmax	pmax	
ZEZ	comp=Z,20nm,0.8s	pmax	pmax	
BJ2 Beijing	19.95 288	P	P	13 39 00.7 -0.4
BJ2	comp=Z,4.0nm,0.5s	pmax	pmax	
PETK Petropavlovsk	20.36 30	P	P	13 39 04.0 -1.4
PETK	comp=Z,1.7nm,0.8s,baz=202,slow=9.1,SNR=1.5			
PETK	comp=Z,1.7nm,0.8s			
HILR Hallar Array B	20.37 317	P	P	13 39 03.5 -2.2
HILR	comp=Z,2.8nm,0.4s,baz=113,slow=13,SNR=6.2			
HILR	comp=Z,2.8nm,0.4s			
NACB Ninganchiao	20.77 240	P	P	13 39 07.6 -2.5
NACB Ninganchiao	20.77 240	P	P	13 39 07.8 -2.3
NACB HongShan	21.16 281	iP	P	13 39 12.2 -2.0
NACB	comp=Z,16nm,0.6s	pmax	pmax	
WHN Wuhan	23.07 263	P	P	13 39 34.3 -0.3
LYN LuoYang	23.40 274	P	P	13 39 39.6 +1.7
LYN	comp=Z,20nm,0.4s	pmax	pmax	
HHC Hu-ho-hao-te	23.49 290	eP	P	13 39 38.8 0.0
HHC	comp=Z,17nm,0.6s	pmax	pmax	
XAN Xi'an	26.37 274	P	P	13 40 04.4 -0.8
XAN	comp=Z,18nm,0.6s	pmax	pmax	
YAK Yakutsk	26.66 348	eP	P	13 40 07.4 0.0
YAK Yakutsk	26.66 348	ePPP	sP	13 40 06.7 -0.7
YAK	comp=Z,14nm,0.5s,SNR=354	e	S	13 40 18.9 -1.4
YAK	comp=Z,14nm,0.5s,SNR=354	eS	S	13 44 40.0 -0.3
YAK	comp=Z,14nm,0.5s,SNR=354	eSS	sS	13 44 59.1 +3.7
YAK	comp=Z,14nm,0.5s,SNR=354	eSS	SnSn	13 45 48.0 +3.4
YAK	comp=Z,14nm,0.5s,SNR=354	e	S	13 50 53.8
YAK	comp=Z,23nm,1.1s	pmax	pmax	
YAK	comp=N,17nm,1.5s	pmax	pmax	
YAK	comp=E,4.0nm,1.3s	pmax	pmax	
YAK	comp=Z,205nm,5.3s	pmax	pmax	
YAK	comp=N,110nm,3.2s	pmax	pmax	
YAK	comp=E,178nm,5.8s	smax	smax	
YAK	comp=N,87nm,3.2s	smax	smax	
ENH Enshi	27.07 266	IAMB	IAMB	13 40 09.9 -1.6
ENH	comp=Z,21nm,0.7s	IAMB	IAMB	13 40 11.3
SEY Seymchan	27.47 11ceP	P	P	13 40 15.9 +1.2
SEY	comp=Z,15nm,1.3s	pmax	pmax	
ULN Ulaanbaatar	27.55 305	P	P	13 40 15.4 -0.5
ULN Ulaanbaatar	27.55 305ceP	P	P	13 40 15.4 -0.5
ULN	comp=Z,9.0nm,1.3s	pmax	pmax	
SOMM Songino Array	27.98 305	P	P	13 40 19.7 0.0
SOMM	comp=Z,6.1nm,0.7s,baz=109,slow=9.0,SNR=17			
SOMM	comp=Z,6.1nm,0.7s			
SOMM Songino Array	27.98 305	P	P	13 40 19.6 -0.1
H11N2 WAKE ISLAND Hy	28.00 119	T	T	14 10 22.6
H11N1 WAKE ISLAND Hy	28.01 119	T	T	14 10 24.2
H11N1 WAKE ISLAND Hy	28.01 119	T	T	14 10 25.8
H11N3 WAKE ISLAND Hy	28.02 119	T	T	14 10 56.4
H11S1 WAKE ISLAND Hy	28.69 122	T	T	14 11 10.4
H11S3 WAKE ISLAND Hy	28.69 122	T	T	14 11 10.4
H11S2 WAKE ISLAND Hy	28.71 122	T	T	14 11 12.2
LZDM Lanzhou Array	30.12 280	P	P	13 40 39.3 +0.3
LZDM	comp=Z,3.0nm,0.3s,baz=124,slow=7.9,SNR=4.2			
LZDM	comp=Z,3.0nm,0.3s			

TLY Talaya	30.60 312	LR	LR	13 52 55.2
TLY Talaya	comp=Z,295nm,19.6s,baz=60,slow=36			
TLY Talaya	30.60 312ceP	P	pmax	13 40 44.2 +1.5
TLY	comp=Z,8.0nm,1.0s	pmax	pmax	
GT2A Gaotai	32.59 288	eP	pmax	13 41 00.2 -0.3
GT2A	comp=Z,5.0nm,0.6s	pmax	pmax	
KMI2 Kunming	34.64 262	P	P	13 41 18.1 -0.4
KMI2	comp=Z,12nm,1.1s	pmax	pmax	
BILL Bilibino	34.71 16	iP	P	13 41 19.5 +1.1
BILL	comp=Z,3.0nm,1.0s	pmax	pmax	
PZH Parzhuhua	34.83 265	P	P	13 41 21.7 +1.7
TIXI Tikisi	35.91 353	eP	P	13 41 28.6 0.0
TIXI Tikisi	35.91 353ceP	P	pmax	13 41 29.4 +0.8
TIXI	comp=Z,11nm,2.5s	pmax	pmax	
GOMU Geerluru	37.07 284	P	P	13 41 39.5 +0.1
GOMU	comp=Z,5.0nm,0.7s	pmax	pmax	
GAMB Gambell	39.38 31	P	P	13 41 58.4 +0.4
GAMB	comp=Z,249			
UNV Unerka Valle	39.84 47	P	P	13 42 01.2 -0.7
UNV	comp=Z,266			
M11K Mekoryuk	40.91 37	P	P	13 42 09.7 -1.0
M11K	comp=Z,258			
CHTO Chiang Mai	40.93 256	P	P	13 42 11.5 +0.1
CHTO Chiang Mai	40.93 256	P	P	13 42 11.5 +0.1
CHTO	comp=Z,2.0nm,0.8s	pmax	pmax	
WMQ Urumqi	40.95 297	eP	P	13 42 14.3 +2.9
WMQ	comp=Z,25nm,1.1s	pmax	pmax	
WMQ	comp=Z,160nm,18.5s	LR	LR	
CMAR Chiang Mai Arr	41.13 256	P	P	13 42 13.2 +0.1
CMAR	comp=Z,45nm,0.6s,baz=45,slow=8.2,SNR=13			
CMAR	comp=Z,1.7nm,0.6s			
K13K Kusilivk Mount	41.96 35	P	P	13 42 16.7 -2.7
K13K	comp=Z,258			
F14K Aro Creek	42.13 30	P	P	13 42 19.1 -1.6
F14K	comp=Z,253			
ZAAO Zalesovo Array	42.20 313	IAMB	IAMB	13 42 22.6
ZAAO	comp=Z,14nm,0.7s			
ZALV Zalesovo Beam	42.20 313	P	P	13 42 21.9 +0.5
ZALV	comp=Z,16nm,0.7s,baz=98,slow=6.8,SNR=6.1	PcP	PcP	13 44 14.5 -0.6
ZALV	comp=Z,1.2nm,0.5s,baz=99,slow=3.5,SNR=3.9			
ZALV	comp=Z,16nm,0.7s			
ZALV Zalesovo Beam	42.20 313	P	P	13 42 21.2 -0.3
ZALV Zalesovo Beam	42.20 313	P	P	13 42 21.2 -0.3
ZALV	13 44 14.5			
ANM Nome	42.26 31	P	P	13 42 20.0 -1.8
ANM	comp=Z,255			
M13K Dall Lake	42.31 37	P	P	13 42 21.3 -0.9
M13K	comp=Z,261			
J14K Nanvaranak Lak	42.63 34	P	P	13 42 23.7 -1.0
J14K	comp=Z,258			
L14K Kuka Creek	42.78 36	P	P	13 42 24.1 -1.9
L14K	comp=Z,258			
F15K North Star Dit	42.87 30	P	P	13 42 26.3 -0.4
F15K	comp=Z,254			
G15K Nulukuk	42.93 31	P	P	13 42 26.6 -0.6
G15K	comp=Z,256			
M14K Bethel	43.04 37	P	P	13 42 27.6 -0.5
M14K	comp=Z,262			
N14K Kuskokwak Cree	43.06 38	P	P	13 42 28.5 +0.1
N14K	comp=Z,263			
SHL Shillong	43.19 270	P	P	13 42 30.1 0.0
SHL	comp=Z,5.7nm,0.5s	IAMB	IAMB	13 42 48.9
SHL Shillong	43.19 270	P	P	13 42 30.1 0.0
SHL	comp=Z,6.0nm,0.5s	pmax	pmax	
C16K Lisburne Hills	43.38 26	P	P	13 42 30.9 +0.1
C16K	comp=Z,251			
L15K Ungalik Mounta	43.40 36	P	P	13 42 30.7 -0.3
L15K	comp=Z,262			
SDPT Sand Point	43.41 45	P	P	13 42 30.4 -0.8
SDPT	comp=Z,269			
K15K Wolf Creek Mou	43.47 35	P	P	13 42 31.8 +0.2
K15K	comp=Z,262			
M15K Kasigluk Riv	43.65 37	P	P	13 42 32.2 -0.8
M15K	comp=Z,263			
G16K Koyuk River	43.71 30	P	P	13 42 32.5 -1.0
G16K	comp=Z,263			
CHNA Chernabura Isl	43.92 46	P	P	13 42 35.4 +0.1
CHNA	comp=Z,270			
O15K Ungalikthiuk R	43.94 40	P	P	13 42 35.0 -0.4
O15K	comp=Z,266			
D17K Noatak River	44.02 27	P	P	13 42 35.8 -0.1
D17K	comp=Z,254,SNR=6.3			
J16K Anvik River	44.05 34	P	P	13 42 36.2 0.0
J16K	comp=Z,261			
C17K DeLong Mountai	44.21 26	P	P	13 42 37.1 -0.4
C17K	comp=Z,261			
MK31 Makanchi Array	44.29 303ceP	P	P	13 42 39.0 +0.5
MKAR Makanchi Array	44.29 303	P	P	13 42 38.6 +0.1
MKAR	comp=Z,3.9nm,0.6s,baz=83,slow=9.3,SNR=35	P	P	13 44 22.4 +0.1
MKAR	comp=Z,3.9nm,0.6s	PcP	PcP	
MKAR	comp=Z,1.6nm,0.7s,baz=76,slow=5.1,SNR=4.1			
MKAR	comp=Z,3.9nm,0.6s			
MKAR Makanchi Array	44.29 303	P	P	13 42 38.4 -0.1
E17K Hotham Inlet	44.32 28	P	P	13 42 38.6 +0.2
E17K	comp=Z,256			
L16K Owhat River	44.35 36	P	P	13 42 39.4 +0.7
L16K	comp=Z,263			
F17K Baldwin Pennin	44.39 29	P	P	13 42 39.8 +0.8
F17K	comp=Z,257			
G17K Kiwalik Mounta	44.43 30	P	P	13 42 38.8 -0.4
G17K	comp=Z,258			
MAK2 Makanchi	44.50 303	P	P	13 42 39.9 -0.2
MAK2 Makanchi	44.50 303	P	P	13 42 39.9 -0.2
MAK2	comp=Z,5.0nm,1.0s	pmax	pmax	
M16K Timber Creek	44.52 37	P	P	13 42 38.5 -1.6
M16K	comp=Z,265			
N16K Nishlik Lake	44.57 38	P	P	13 42 39.5 -1.0
N16K	comp=Z,265			
CHGN Chignik	44.58 44	P	P	13 42 39.5 -1.0
CHGN	comp=Z,270			
H17K Granite Mounta	44.63 31	P	P	

4d 13h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KSH2, F26K, C27K, PSI, RPSI, SCRK, L26K, E27K, G27K, H27K, I27K, BCAR, E28M, I28M, I28M, KK31, KKAR, G31, G29M, I29M, M29M, L29M, EPYK, G30M, F30M, I30M, NIL, J30M, HYT, G31M, G31M, INK, F31M, H31M, SVE, CHGR, M31M, WHY, WRAB, WRA, ARTI, ABKAR, ASAR, KIRV, SPITS, HRA, BELG, YKA, YKAW1, ARCES, NEEM, DAG, STKA, STKA, OBN, FINES, AKT.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ILON, BLKN, VSU, KBZ, KBZ, SHA1, SUMG, SUMG, GNI, HFS, NC204, FCC, FCC, AKASO, AKBB, AKBB, KIEV, NB2, NOA, LRM, NVAR, QSM, PD31, PDAR, BURAR, BRTR, BRTR, STEB, RAYN, RAYN, MORC, DPC, DPC, JAVC, PV18, VRAC, CLL, CLL, CLL, CLL, KRUC, MODS, MODS, CONA, KHC, KHC, GERES, EKA, SOKA, OBKA, MYKA, RETA, RCHB, BMRD, FETA, FUORN, TXAR, TORD, QSPA, VNA2, VNA3, H03N2, H03N3, H03N1, LPAZ, LPAZ, LPAZ, TAP 04, JMA, MV1, MV1, ISOC, Code, JYNG, JYNG.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like YOJ, YOJ, E0S3, E0S3, E0S2, E0S4, E0S4, EGS, TWC, TWC, TWB1, EWUT, EWUT, NDS, NDS, TIPB, TIPB, SX11, SX11, TW1, TW1, NWF, NWF, FUSB, FUSB, FUSB, ENTT, ENTT, ETL, ETL, LATG, LATG, NACB, NACB, NDT, NDT, TWD, TWD, TWD, NWL1, NWL1, ETLH, ETLH, NNSB, NNSB, TEVL, TEVL, NNS, NNS, YHNB, YHNB, YHNB, Sanguang, Sanguang, NSK, NSK, ETM, ETM, ETM, JKRS, JKRS, SHUL, SHUL, LXIB, LXIB, LXIB, Jichi Village, Jichi Village, JUJ, JUJ, FUSHOU, FUSHOU, ESL, ESL, WHF, WHF, KSHI, KSHI, TWT, TWT, TDCB, TDCB, NFF, NFF, NFF, WARB, WARB, WARB, WARB, JISG, JISG, OWD, OWD, OWD, LIOB, LIOB, LIOB, WUSB, WUSB, NSTT, NSTT, NSTT, ESHV, ESHV, WHP, WHP, WHP, VWDT, VWDT, VWDT, EHY, EHY, WCS, WCS, YULB, YULB, YULB, Yuli, Yuli, Yuli, Suanlung, Suanlung, TYC, TYC, JTJ, JTJ, JTJ, Full, Full, WHYT, WHYT, ELDTW, ELDTW, CHNS, CHNS, TPUB, TPUB, JMJ2, JMJ2.

BUJ 04 13:35:16.5, 20:01N, 145:72E, h100km, mB5, 2/3, mb4, 9/28
NEIC 04 13:35:18.3, 1.19, 94N, 0.07, 145:51E, 0.08, h88km, 5km,
mb4, 9/99, Error ellipse: s-maj=12.3km s-min=8.9km
az=59.0
IDC 04 13:35:22.2, 1.6, 19, 94N, 145:37E, h129km, 14km,
mb4, 2/27, mbtpm4, 7/33, SNR:3.75, Error ellipse:
s-maj=15.5km s-min=9.2km az=79.0
DJA 04 13:36:21.5, 0.7, 18, 18N, 5.1, 4.7E, 1.0, h600km, 13km,
M4, 9/72, mb4, 8/72, mB5, 5/15, Mw(mB)5.0/15
ISC 04 13:35:19.7, 0.3, 19, 97N, 0.04, 145:53E, 0.07, h109km,
n218, c1928/1929, mb4, 9/109, Mariana Islands
Code Station Name A^ AZ^ Phase ID Time Res
Op ISC h m s ISC
GUMO Guam 6.37 186 P S 13 35 52.6 +1.5
GUMO 327nm,0.7s,baz=149,slo=1.3,SNR=14 S
GUMO 90nm,0.5s,baz=155,slo=23,SNR=1.1 S 13 38 05.3 +2.8
GUMO Guam 6.37 186 P S 13 36 48.9 -2.2
JCJ Chichijima 7.73 337 P S 13 37 10.9 +1.5
JHJ2 Mitsue 14.05 340 P S 13 38 34.2 +0.3
JHJ Hachijo jima 2 14.07 340 P S 13 38 35.9 +1.8
JHU 196nm,1.1s,baz=59,slo=14,SNR=1.6 S
JHU 132nm,1.0s,baz=16,slo=13,SNR=1.6 S 13 41 09.1 0.0
JNU Inuyama 17.06 336 P S 13 39 08.4 -3.1
JGF Kuroka 17.16 337 P P 13 39 10.0 -2.6
JOW Kunigami 17.24 297 P P 13 39 13.7 -0.1
JOW 7.7nm,0.7s,baz=138,slo=11,SNR=4.6 LR 13 45 08.5
MJAR Matsushiro Arr 17.72 340 P P 13 39 18.2 -0.6
MJAR 20nm,0.7s,baz=161,slo=9.6,SNR=5.2 S
MJAR 8.0nm,1.1s,baz=165,slo=17,SNR=4.1 S 13 42 34.4 -2.7
MJAR Matsushiro Arr 17.72 340 P P 13 39 17.6 -1.2
MAJO Matsushiro 17.72 340 P P 13 39 17.7 -1.1
MJB9 Matsu-Tunnel 17.72 340 P P 13 39 17.6 -1.2
JSU Suzuyama 17.77 313 P P 13 39 18.8 -0.5
JNU Nakatsue 18.50 318 P P 13 39 27.7 +0.3
JNU Nakatsue 18.50 318 P P 13 39 27.9 +0.4
H1153 WAKE ISLAND Hy 20.04 91 T T 14 00 48.9

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like H11S1 WAKE ISLAND Hy 20.05 91 T, H11S2 WAKE ISLAND Hy 20.05 91 T, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like DSRI Dabo 44.96 248 P, KPJI Karang Pucung 45.08 237 P, LEM Lembeh 45.82 238 P, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like ARCES ARCES Array B 81.24 342 P, ARCES ARCES Array B 81.24 342 Iamb, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like DJA 04 14:12:32.40.9, 12°N,8°12'E, h10km, M4.7/36, etc.

4d 14h

2020 MAY

Table with columns: Station Name, Time, Azimuth, Elevation, Station Type, and other parameters. Includes stations like DMPH Davao City, DAV Davao City, BOLD Bolinao, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Station Type, and other parameters. Includes stations like TNCH, KSRK Korea Array, HNS HongShan, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Station Type, and other parameters. Includes stations like TIXI Tiksi, NRK Noril'sk, NRK AB31, etc.

ISK 04 14:44:20.9, 34°18'N; 25°64'E, h7km, ML2.9/10
THE 04 14:44:21.4, 34°18'N; 22°2'66"E, h1km, 30km, M2.9/5, ML2/9.5
IDC 04 14:44:23.4, 30.34°11'N; 25°59'E, h35km, 21km, mb3.6/11, mbmp3.7/19, ML3.1/7, Error ellipse: s-maj=29.4km s-min=14.0km az=21.0
ATH 04 14:44:26.5, 34.51°N; 25°57'E, h12km, 2km, ML2.7/6
Latitude uncertainty: 2 km; Longitude uncertainty: 1 km
AFAD 04 14:44:26.0, 34.09°N; 25°68'E, h70km, ML2.9
ISC 04 14:44:26.1, 5.3424N; 0.019-25.70E; 0.04, h44km, 13km, n55, c17477, mb3.7/11, Crete

Table with columns: Code, Station Name, Az, Op, Phase, ISC, h, m, s, Res. Includes stations like GVD, KARP, IMMV, VAM, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ISC, h, m, s, Res. Includes stations like ZKR, NPS, IDI, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ISC, h, m, s, Res. Includes stations like KARP, VAM, IMMV, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ISC, h, m, s, Res. Includes stations like OHAK, KDKA, KADK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KARP Karpathos, KARP Karpathos, THERA Ancient Thera, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KVAR Kislovodsk Arr, KBZ Khabaz, AKASG Malin Array Be, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PARRA, ECAB El Cabril, ECAB El Cabril, etc.

IDC 04 19:28:45.5 1.2, 34.12N:25.56E, h0km, mb3.5/8, mbtmp3.5/17, ML3.1/6, MS3.1/1, Error ellipse: s-maj=21.6km s-min=15.4km az=16.0

THE 04 19:28:48.3, 34.1N:42.2E, h2.1, h0km, 28km, M2.6/5, MLh2.6/5

ATH 04 19:28:49.7, 34.29N:25.56E, h12km, 2km, ML2.6/6, Latitude uncertainty: 3 km; Longitude uncertainty: 2 km

ISC 04 19:28:46.7, 1.5, 34.11N:0.06:25.60E:0.03, h15km, gkm, h34, c1866/49, mb3.4/7, Crete

CNR 04 20:02:41.4, 36.66N:7.17W, h21km, IGL 04 20:02:44.6, 36.69N:7.55W, h26km, ML1.4

MDD 04 20:02:44.5, 0.8, 36.71N:7.52W, h37km, 11km, mb_Lg2.5/8, Error ellipse: s-maj=0.6km s-min=4.0km az=3.0

INMG 04 20:02:44.9, 1.6, 36.68N:7.54W, h37km, 13km, ML1.6, Error ellipse: s-maj=6.0km s-min=4.7km az=13.0

#DIST. RANGE: LOCAL #IPMA. REGION: Golfo de Cadiz SFS 04 20:02:45.4, 36.76N:7.50W, h27km, ML2.4/9, ML2.4/9

ISC 04 20:02:42.9, 1.2, 36.68N:0.03:7.52W:0.03, h53km, 12km, n48, c1900/71, 2D, Strait of Gibraltar

VAO 04 20:52:42.6, 0.8, 2.65N:79.67W, h10km, mb4.9, Presumed earthquake

NEIC 04 20:52:42.9, 2.5, 2.65N:0.06:79.72W:0.08, h10km, 1km, mb4.6/175, Error ellipse: s-maj=14.0km s-min=9.0km az=255.0

RSNC 04 20:52:42.1, 0.0, 3.3N:3.8W, h20km, 6km, M3.9, mb4.7, mb4.7, m3b6.0, Mjma4.2, ML3.5, ML4.6, MLh4.2, MLV4.3

M(B)4.1, Mw(MB)4.1, Mw(MB)4.1, Mw(MB)4.1, Mw(MB)4.1, Mw(MB)4.1, Mw(MB)4.1, Mw(MB)4.1, Mw(MB)4.1, Mw(MB)4.1

IDC 04 20:52:46.5, 2.1, 2.66N:79.72W, h40km, 18km, mb4.1/25, mbtmp4.3/30, ML3.4/6, MS3.5/24, Error ellipse: s-maj=17.2km s-min=10.8km az=67.0

CATAC 04 20:52:47.8, 0.2, 3.3N:2.7W, h51km, 20km, M4.3/21, mb4.5/11, mb4.6/6, MLV4.5/21, Mw(MB)3.8/6, Error ellipse: s-maj=5.0km s-min=4.1km az=51.5, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mrr:1.00; Mss:0.58; Mss:0.42; Mss:0.14; Mss:-2.97; Mss:2.16; Fault plane solution: M3.77332x10^16 NP1:173.85606, 380.27010, -39.43724. NP2:271.76977, 851.23739, -1.167.49226. Principal axes: T 4.0188, P1g18.8573, Azm228.6101, N -0.5518, P1g49.5711, Azm342.2447, Azm3.4670, P1g34.2095, Azm125.1837; confirmed

ISC 04 20:52:42.6, 1.3, 2.64N:0.03:79.78W:0.04, h15km, 7km, n483, c1932/449, mb4.6/106, MS3.4/20, 1C-5D, South of Panama

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZKR Zakros, ZKR Zakros, NPS Neapolis, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EXAYA Ayamonte, PBDV Barranco-do-Ve, PBDV Barranco-do-Ve, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GRIC Gorgona, Isla, PAC1 Pacto, Paraso, PAC1 Pacto, Paraso, etc.

4d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PRAC Prado, GUY2C Guyana, COHC Cochancay, etc.

2020 MAY

Table with columns for station name, frequency, power, and other technical details. Includes stations like ALPN Alpine, CFA Coronel Fontan, MNMH Monahans, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like S34M Telegraph Cree, R33M Jennings River, Q32M Nakina River, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like Nushagak Hills, Utukok River, and various other locations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like Mina Array Bea, FIAI FINESS Array S, and various other locations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details. Includes stations like mbmtpp3.6.5, ML3.8/3, and various other locations.

N19K	comp=N,35nm,0.6s	IAML		22 19 47.3
N19K	comp=N,35nm,0.6s	IAML		22 19 47.5
DIV	comp=E,36nm,0.4s	Pn	Pn	22 18 49.7 -1.1
DIV	Divide	IAML		22 19 37.8
M18K	comp=E,111nm,0.5s	Pn	Pn	22 18 51.4 +0.6
YOK	Dot Lake	Pn	Pn	22 18 50.9 0.0
DOT	DOT	IAML		22 19 29.3
DOT	comp=N,105nm,0.4s	IAML		22 19 29.5
L18K	comp=E,107nm,0.9s	Pn	Pn	22 18 51.6 +0.4
FID	Granite Mounta	Pn	Pn	22 18 51.1 +0.2
H24K	Port Fido	Pn	Pn	22 18 51.1 -0.5
SEW	Noodin Dome	Pn	Pn	22 18 51.7 +0.1
SEW	Seward	IAML		22 19 42.7
SEW	comp=N,125nm,0.6s	IAML		22 19 45.0
WACK	comp=E,111nm,0.5s	Pn	Pn	22 18 52.9 +0.5
SCRK	Wrangell Chich	Pn	Pn	22 18 52.4 +0.1
SCRK	Sand Creek	IAML		22 19 35.8
SCRK	comp=N,58nm,0.5s	IAML		22 19 50.0
MENT	comp=E,47nm,0.6s	Pn	Pn	22 18 54.0 +1.3
H20K	Menastata	Pn	Pn	22 18 53.4 +0.6
WASW	Anotieneega Mo	Pn	Pn	22 18 53.9 +0.6
IM03	Wrangell South	Pn	Pn	22 18 55.3 +0.6
IMAR	3.25 336	Pn	Pn	22 18 54.7 0.0
L26K	Indian Mountai	Pn	Pn	22 18 55.5 +0.7
PRP	Log Cabin Wild	Pn	Pn	22 18 54.8 -0.4
PRP	Porcupine Dome	IAML		22 19 40.0
PRP	comp=E,27nm,0.8s	IAML		22 19 48.9
BRLL	comp=N,30nm,0.6s	Pn	Pn	22 18 56.7 +1.0
BRLL	Bradley Lake	Pn	Pn	22 18 56.7 +0.8
ILSW	Bradley Lake S	Pn	Pn	22 18 57.8 +1.6
ILSW	Ilamna Southw	IAML		22 19 53.0
ILSW	comp=N,27nm,0.9s	IAML		22 19 53.2
O19K	comp=E,28nm,1.0s	Pn	Pn	22 18 57.7 +0.9
O19K	Port Alsworth	IAML		22 20 08.5
O19K	comp=N,75nm,0.4s	IAML		22 20 09.6
HOM	comp=E,76nm,0.4s	Pn	Pn	22 18 57.7 +0.1
HOM	Homer	Pn	Pn	22 18 58.5 +0.0
N18K	Kilae Creek	IAML		22 19 39.6
N18K	comp=E,17nm,0.8s	IAML		22 20 00.4
M26K	comp=N,19nm,0.5s	IAML		22 19 52.7
M26K	Nabesna, AK	Pn	Pn	22 18 58.3 0.0
M26K	M26K	IAML		22 19 52.7
M26K	comp=E,58nm,0.5s	IAML		22 19 59.0
GLB	comp=N,77nm,0.6s	IAML		22 18 58.3 -0.1
GLB	Gilahina Butte	Pn	Pn	22 19 41.1
GLB	comp=E,63nm,0.5s	IAML		22 19 41.4
CNPM	comp=N,65nm,0.5s	IAML		22 19 41.4
H19K	China Poot	Pn	Pn	22 18 59.8 +0.8
H19K	Roundabout Mou	Pn	Pn	22 18 59.4 +0.3
K17K	Roundabout Mou	Pn	Pn	22 18 59.4 +0.6
K17K	iditarod	IAML		22 19 41.2
K17K	comp=E,32nm,0.8s	IAML		22 19 41.2
M17K	comp=N,24nm,0.8s	IAML		22 19 42.2
M17K	Holifna River	Pn	Pn	22 19 00.2 +0.1
M17K	M17K	IAML		22 19 59.8
M17K	comp=N,28nm,0.8s	IAML		22 20 08.4
G23K	Bananza Creek	Pn	Pn	22 19 01.0 +0.6
G23K	G23K	IAML		22 19 42.6
G23K	comp=N,16nm,0.7s	IAML		22 19 43.3
G21K	Allakaket	Pn	Pn	22 19 09.9 +0.2
VRDI	Verde Repeater	Pn	Pn	22 19 01.8 -0.2
VRDI	VRDI	IAML		22 19 47.8
VRDI	comp=E,29nm,0.8s	IAML		22 19 48.1
G24K	comp=N,47nm,0.5s	IAML		22 19 48.1
MCARA	McCarthy Riv	Pn	Pn	22 19 03.0 0.0
K27K	HCWrenthi VSAT	Pn	Pn	22 19 03.5 +0.3
K27K	Chicken	Pn	Pn	22 19 04.0 +0.8
K27K	comp=E,52nm,0.5s	IAML		22 19 52.4
G22K	comp=N,53nm,0.4s	IAML		22 19 52.5
J17K	Bettles	Pn	Pn	22 19 04.1 +0.8
I26K	VABM Dome	Pn	Pn	22 19 03.9 +0.5
O18K	Coal Creek Min	Pn	Pn	22 19 03.6 0.0
O18K	Koktuh Hills	Pn	Pn	22 19 04.8 +0.9
L27K	comp=N,13nm,1.0s	IAML		22 20 58.1
L27K	Beaver Creek,	Pn	Pn	22 19 03.2 -0.8
L27K	L27K	IAML		22 19 53.5
L27K	comp=N,23nm,0.8s	IAML		22 20 08.9
BCAR	comp=E,16nm,0.7s	IAML		22 20 08.9
M27K	Beaver Creek A	Pn	Pn	22 19 04.3 +0.1
M27K	Edge Creek, AK	Pn	Pn	22 19 06.0 +0.7
M27K	M27K	IAML		22 20 18.8
M27K	comp=N,33nm,0.9s	IAML		22 20 21.4
H18K	comp=N,42nm,1.2s	IAML		22 20 21.4
H18K	Honhosa River	Pn	Pn	22 19 05.8 +0.6
N17K	Nushagak Hills	Pn	Pn	22 19 05.7 0.0
N17K	N17K	IAML		22 20 10.3
N17K	comp=N,12nm,0.9s	IAML		22 20 29.1
G25K	comp=N,12nm,0.7s	IAML		22 20 29.1
G25K	Beaman Lake	Pn	Pn	22 19 07.8 +0.9
PTPK	Patty Peak	Pn	Pn	22 19 08.3 +0.6
TG1	Fana Glacier	Pn	Pn	22 19 08.3 +0.6
F21K	Alatna River	Pn	Pn	22 19 10.4 +0.8
KIAG	Kiagna River	Pn	Pn	22 19 09.9 -0.2
L16K	Owhat River	Pn	Pn	22 19 10.9 +0.9
L16K	L16K	IAML		22 20 01.6
O19K	comp=N,9.2nm,0.6s	IAML		22 20 01.6
BVCY	Cape Douglas,	Pn	Pn	22 19 11.6 +0.1
F22K	Beaver Creek	Pn	Pn	22 19 11.7 +0.6
G18K	John River	Pn	Pn	22 19 12.6 +0.9
H17K	Tagagawik	Pn	Pn	22 19 12.2 +0.3
H17K	Granite Mounta	Pn	Pn	22 19 13.4 +1.3
H17K	H17K	IAML		22 20 04.5
H17K	comp=N,8.9nm,0.7s	IAML		22 20 06.6
F20K	comp=N,11nm,0.9s	IAML		22 20 06.6
O17K	Avarant Lake	Pn	Pn	22 19 13.0 +0.7
J16K	Koligasek Bris	Pn	Pn	22 19 13.4 +0.9
F24K	Anvik River	Pn	Pn	22 19 12.6 0.0
BARN	Squaw Lake	Pn	Pn	22 19 12.9 0.0
BARN	Barn Squaw Glacie	Pn	Pn	22 19 13.3 +0.2
BARN	BARN	IAML		22 20 24.9
BARN	comp=N,18nm,0.7s	IAML		22 20 24.9
BARN	comp=N,18nm,0.7s	IAML		22 20 24.9
I27K	comp=N,20nm,0.7s	IAML		22 20 24.9
I27K	Kandik River	Pn	Pn	22 19 13.6 +0.4
I27K	I27K	IAML		22 20 26.2
I27K	comp=N,29nm,0.6s	IAML		22 20 31.1
I27K	comp=N,29nm,0.7s	IAML		22 20 31.1
BARK	comp=N,29nm,0.7s	IAML		22 20 31.1
YUK2	Barkley Ridge	Pn	Pn	22 19 13.9 +0.4
N16K	White River	Pn	Pn	22 19 14.8 +1.1
N16K	Nishitk Lake	Pn	Pn	22 19 15.0 +0.7
GRNC	Granite Creek	Pn	Pn	22 19 14.2 -0.7
GRNC	GRNC	IAML		22 20 28.9
GRNC	comp=N,29nm,0.7s	IAML		22 20 28.9
GRNC	comp=N,21nm,0.7s	IAML		22 20 40.7
P17K	comp=N,21nm,0.7s	IAML		22 20 40.7
YUK3	Kvichak River	Pn	Pn	22 19 17.2 +1.3
MESA	Moose Creek	Pn	Pn	22 19 17.2 +1.1
MESA	MESA	Pn	Pn	22 19 18.3 0.0
KARP	Katmai Rainbow	Pn	Pn	22 19 20.0 +1.5
E23K	Chandalar	Pn	Pn	22 19 19.4 +0.5
BMAR	Burnt Mountain	Pn	Pn	22 19 18.7 0.0

E24K	Your Creek	5.10 8	Pn	Pn	22 19 19.3 -0.2
K15K	Wolf Creek Mou	5.15 266	Pn	Pn	22 20 20.2 +0.1
K15K	K15K	IAML		22 20 20.6	
comp=N,5.3nm,1.1s					
RAKV	Rock Avalanche	5.16 118	Pn	Pn	22 19 20.6 +0.1
RAKV	Knife C	5.28 207	Pn	Pn	22 19 23.0 +1.0
L15K	Ungalak Mounta	5.30 260	Pn	Pn	22 19 22.7 +0.5
G27K	Doyan Strip	5.31 41	Pn	Pn	22 19 22.1 -0.2
YUK8	Steele Glacier	5.33 105	Pn	Pn	22 19 23.9 +1.0
F26K	Sheenjek River	5.35 27	Pn	Pn	22 19 23.1 +0.2
KABU	Katmai Buttes	5.35 208	Pn	Pn	22 19 24.5 +1.5
KDAAK	Kodiak Island	5.40 192	Pn	Pn	22 19 22.1 -1.4
comp=N,7.0nm,0.2s,baz=241,slow=5.8,SNR=130					
KDAAK	KDAAK	S	S	22 20 20.5 -3.9	
comp=N,8.7nm,0.3s,baz=241,slow=5.8,SNR=110					
E25K	Arctic Village	5.47 20	Pn	Pn	22 19 21.1 -0.4
M29M	comp=N,8.7nm,0.3s,baz=241,slow=5.8,SNR=110				
L29M	Somme Creek	5.56 91	Pn	Pn	22 19 26.5 +0.7
G16K	L29M	5.62 84	Pn	Pn	22 19 26.2 -0.3
PCA	Koyuk River	5.68 300	Pn	Pn	22 19 28.4 +1.1
K25M	Pinnacle	5.72 117	Pn	Pn	22 19 27.6 -0.3
D23K	Barlow Dome	5.87 77	Pn	Pn	22 19 30.4 +0.4
L14K	Nanushuk River	5.95 359	Pn	Pn	22 19 31.1 +2.5
O15K	Kuka Creek	5.96 259	Pn	Pn	22 19 32.9 +1.8
H29M	Ungalithiuk R	5.97 233	Pn	Pn	22 19 32.1 +0.9
E27K	Whitestone	6.09 53	Pn	Pn	22 19 33.5 +0.7
F28M	Coelen River	6.32 32	Pn	Pn	22 19 35.8 -0.1
I30M	Barlow Dome	6.37 40	Pn	Pn	22 19 30.4 +0.4
M13K	Mount Dempster	6.54 64	Pn	Pn	22 19 39.9 +0.9
EPYK	Dall Lake	6.66 252	Pn	Pn	22 19 43.0 +2.5
B21K	Eagle Plains	6.76 55	Pn	Pn	22 19 42.7 +0.7
C18K	Ikpiukuk River	6.79 348	Pn	Pn	22 19 42.5 +0.3
B22K	Utukok River	7.11 327	Pn	Pn	22 19 47.5 +0.9
F30M	Teshkopuk Lake	7.40 352	Pn	Pn	22 19 45.2 +0.8
G31M	Barrier River	7.64 47	Pn	Pn	22 19 54.6 +0.8
INK	Satah River	7.88 53	Pn	Pn	22 19 56.8 -0.1
INK	Inuvik	8.73 46	Pn	Pn	22 20 09.2 +0.8
comp=N,5.8nm,0.7s,baz=241,slow=16,SNR=33					
INK	INK	S	S	22 21 43.4 -1.6	
comp=N,1.0nm,0.6s,baz=247,slow=9.1,SNR=1.8					
INK	Inuvik	8.73 46	Pn	Pn	22 20 10.0 +1.5
YKA	Yellowknife Ar	16.30 76	P	P	22 21 47.2 +0.1
comp=N,0.1nm,0.5s,baz=287,slow=9.9,SNR=6.1					
KURBB	Kurchatov Arra	60.26 326	P	P	22 28 01.8 +1.0
comp=N,0.2nm,0.4s,baz=31,slow=6.8,SNR=1.7					
MKAR	Makanchi Array	62.77 322	P	P	22 28 18.1 +0.3
comp=N,0.3nm,0.6s,baz=41,slow=7.4,SNR=3.1					
NEIC 04 22:24:26.0,2.1,2.4:92S:0:09:179:5W:0.2,h45/km,7km,mb4,4/15,Error ellipse: s-maj=22.3km s-min=12.1km az=104.0					
NEIC 04 22:24:27.3,2.3,2.4:94S:179:67W,h470km,22km,mb3.5/9,mbmp=4.3/12,Error ellipse: s-maj=24.7km s-min=16.3km az=90.0					
NEIC 04 22:24:27.6,2.4:89S:179:46W,h511km,mb4.3/9, South of Fiji Islands					
ISC 04 22:24:26.9,0.5,24:85S:0:06:179:56W:0.09,h465km,n76,e143/78,mb4,4/15, South of Fiji Islands					
Code Station Name A° AZ° Phase ID Time Res					
GLZK Green Lake 4.63 162 Op P ISC 22 25 52.0 +3.5					
GLZK 4.63 162 P S 22 25 52.0 +2.2					
LKBA Tubou, Lakemba 6.62 6 P P 22 26 10.5 +2.3					
MSVF Nonsavu 7.42 342 P P 22 26 18.0 +1.4					
18nm,0.5s,baz=258,slow=17,SNR=31					
MSVF Nonsavu 7.42 342 P P 22 26 18.4 +1.7					
MSVF Nonsavu 7.42 342 P P 22 26 18.5 +1.9					
TAVE Taveuni 8.11 358 P P 22 26 26.5 +2.7					
DGTI Dogatoko 8.53 355 P P 22 26 30.7 +2.4					
FUTU Futugatoa 10.57 8 P P 22 26 52.3 +1.9					
MAARNC Mare, Loyalty 11.89 284 P P 22 27 05.5 +1.0					
MAARNC Mare, Loyalty 11.89 284 P P 22 27 06.0 +1.4					
OUZ Omahuta 11.208 P P 22 27 07.3 +1.4					
OUZ Omahuta 11.208 P P 22 27 07.3 +2.8					
WCZ Waipu Caves 12.24 204 P P 22 27 11.1 +3.0					
MKAZ Moumakai 13.03 199 P P 22 27 18.1 +1.6					
WMGZ Watomatatini S 13.05 187 P P 22 27 18.4 -0.3					
HAZ Kaiba 13.12 35 P P 22 27 16.9 -0.4					
AFI Afiamalu 13.12 35 S S 22 27 17.1 -0.8					
AFI 13.12 35 S S 22 29 36.1 -2.9					
DZM Mont Dzumac 13.14 279 P DZM 22 27 18.0 -0.0					
6.0nm,0.8s,baz=105,slow=19,SNR=1.5					
RUGZ Raukara Rang 13.29 190 P P 22 27 20.1 +0.6					
PUZ Puketiti 13.31 187 P P 22 27 17.6 -2.1					
URZ Urewera 13.67 191 P P 22 27 22.3 -1.0					
21nm,0.7s,baz=352,slow=3.1,SNR=16					
URZ 7.7nm,0.5s,baz=77,slow=22,SNR=12					
URZ Urewera 13.67 191 P P 22 27 22.6 -0.7					
URZ Urewera 13.67 191 P P 22 27 20.8 -2.8					
MWZ Matawai 13.67 190 P P 22 27 21.8 -1.7					
RTZ Rautahuna 14.04 191 P P 22 27 26.1 -1.3					
BKZ Black Stump Fm 14.32 193 P P 22 27 33.9 -0.4					
BLZ Black Stump Fm 14.66 192 P P 22 27 33.6 -0.4					
SNVZ South Ngaruho 14.86 195 P P 22 27 43.7 +7.4					
KRHZ Kereru 15.15 192 P P 22 27 40.6 +1.5					
KAHZ Kahurangi 15.20 191 P P 22 27 40.1 +0.4					

Table with columns: TORD, Torodi Ar. Bea, 61.29 81 P, P, 22 42 24.9 -0.8, comp=Z, 4.5nm, 0.5s, baz=290, slow=7.2, SNR=97

Table with columns: SKAG, Skagway, 73.36 329 P, P, 22 43 42.3 +1.0, baz=100, SNR=17

Table with columns: MCARA, McCarthy VSAT, 77.33 331 P, P, 22 44 05.7 +1.6, baz=92, SNR=7.4

Table with columns: MLR, Muntele Rosu, 80.66, 45, P, P, 22.44, 23.7, +0.9, etc. Lists various locations and their associated data.

Table with columns: CHIR, Chirikof Islan, 84.28, 326, P, P, 22.44, 43.0, +1.7, etc. Lists various locations and their associated data.

Table with columns: Code, Station Name, A, AZ, Op, Phase ID, Time Res, etc. Lists various stations and their associated data.

ICD 04 22:36:46.0, 1.0, 10.25N:60.92W, h0km, mb3.77, mbmp3.8/8, Error ellipse: s-maj=37.4km s-min=21.7km

SOME 04 22:47:45.6, 41.97N:82.67E, h5km NNC 04 22:47:49.6, 41.433N:82.63E, h0km, mb2.6, mpv2.6, IC Error ellipse: s-maj=44.0km s-min=9.5km az=118.0, Northern Xinjiang

Table with columns: STH, Greenwhich, HOJ, HOJ, YAR, MARVS, HLGC, HLGC, RCC, RCC, GTBY. Includes station names, coordinates, and various parameters.

IDC 05 00:09:09.3:0.6,56:82S;142:07W,h0km,mb4.4/8, mbmp4.4/8,MS4.2/45,Error ellipse: s-maj=28.8km

s-min=16.8km az=9.0 NEIC 05 00:09:12.3:0.5,56:82S;0:1:141:9W;0.2:1.0km, mb5.3/36,MW5.5/10,Error ellipse: s-maj=21.6km

s-min=16.2km az=5.0 GCMT 05 00:09:15.4:0.1,56:89S;0:0:141:68W;0.1:h19km, MW5.3/31,Moment Tensor Solution. s113:c177;

s131:c236; Duration: 1s1 Moment tensor: Scale 10^17 Nm; Mn-0.09±.02; Mw0.87±.02; M00-0.78±.01;

M1-0.05±.03; M20.71±.01; M3-0.05±.03; Best double couple: Mo1.09300;1017 NP1.0±295.00000; 387.00000;

1.1.00000. NP2.0±205.00000; 889.00000; 1.177.00000;

Principal axes: T 1.1380,Plg3.00000,Azm160.00000; N -0.0910,Plg87.00000; Azm10.00000; P -1.0470,

Plg2.00000; Azm250.00000; nstla1 refers to body waves, cutoff=40s, nstaz2 refers to surface waves, cutoff=50s.

Triangular moment-rate function ISC 05 00:09:11.5:0.4,56:95S;0:1:141:96W;0.08,h10km,n132,

0131/73,mb5.2/24,MS4.3/48,4C,Pacific-Antarctic Ridge

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations like CTZ, SBA, VNSA, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations like AS31, ASAR, ASAR, LPAZ, etc.

JMA 05 00:39:22.5:0.1,23:4N;0:7:123:0E;0.4,h57km,MV3.2/18, NEAR ISHIGAKIJIMA ISLAND

TAP 05 00:39:23.2:23:42N;122:98E,h45km,ML3.9,D ISC 05 00:39:20.5:1.2,23:37N;103:122.98E;0.02,h16km,qgkm,

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

JMA 05 00:11:33.7:0.2,24:1N;126:5E;0.8,h35km,MV3.5/17, NEAR MIYAKOJIMA ISLAND,Southeast of Ryukyu Islands

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

5d 1h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Mount Ramon, Zfri, Paran, Paran Flat, Jabal al Asfar, Mount Harif, Elat, Khabaz, Kesra, Hagfors, Sonseca Array, etc.

ISC 05 00:45:18.5, 1.8, 22.94S; 174.80W, h0km, mb4.0/4, mbtmp3.0/5, ML4.5/1, MS2.9/1, Error ellipse: s-maj=61.4km s-min=41.2km az=158.0

ISC 05 00:45:23.4, 1.4, 22.9S; 0.3; 174.8W, 0.3, h30km, n10, r=113/9, mb3.9/4, Tonga Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Nonsavu, Afi Afi, Alice Springs, Warramunga Arr, Matsushiro Arr, Chiang Mai Arr, etc.

NEIC 05 00:46:30.2, 2.2, 18.98N; 02:67.67W; 0.03, h10km, 2km, ML3.3/39, Md3.6/19(RSPR), Error ellipse: s-maj=4.9km s-min=3.5km az=312.0

SDD 05 00:46:30.7, 1.3, 19.05N; 67.58W, h12km, 110km, MD3.1, ML3.0, MW2.9, Presumed earthquake Hypocentre not reviewed by the ICG

RSPR 05 00:46:30.2, 1.5, 19.02N; 67.54W, h10km, 31km, MD3.6/19, ISC 05 00:46:30.2, 1.5, 19.04N; 0:06:67.58W; 0.03, h6km, 10km, n49, r=89/67, 16C-9D, Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Isla Desecho, Agua de la PR, Aguadilla, Puerto Rico, Puerto Rico Se, Las Mesas, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Cerrillos, Obispo Ponce, Experimental S, Samana, DR, Samana, DR, San Juan, Loma Pena Alta, etc.

ISC 05 00:49:17.6, 1.1, 20.55N; 122.01E, h0km, mb3.6/5, mbtmp3.7/7, ML3.9/2, Error ellipse: s-maj=41.5km s-min=20.1km az=71.0

MAN 05 00:49:19.0, 20.34N; 121.69E, h1km, MS3.8, MAN INTENSITY II - BASCO BATANES, ISC 05 00:49:17.5, 0.8, 20.36N; 0:06:121.9E; 0.1, h10km, n18, r=189/14, mb3.6/5, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Pamplona Cagay, Pasuquin, Abra Dolores, Palanan, Kungiyangan, Kungiyami, Korea Array, etc.

ISC 05 00:59:38.4, 2.0, 2.02N; 99.39E, h0km, mb3.9/7, mbtmp3.9/8, ML4.9/1, Error ellipse: s-maj=97.2km s-min=18.8km az=57.0

DJA 05 00:59:53.1, 0.2, 2.2N; 2.9E; 1.1, h19km, 3km, M4.1/35, mb4.3/5, MLV4.0/35

ISC 05 00:59:50.7, 0.8, 1.92N; 0:05:99.10E; 0.06, h100km, n28, r=323/28, mb3.8/7, Northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Prapat, Mandailing Nat, Gunungsitoli, Tuntungan, Katakane, Kurchatov Arr, etc.

300

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Zalesovo Beam, FINESS Array B, Warramunga Arr, Kurchatov Arra, Sonmino Array, etc.

TAP 05 01:57:37.5, 24.42N; 121.93E, h26km, ML3.5, B, JMA 05 01:57:37.4, 0.1, 24.3N; 0:7:121.9E; 0.7, h43km, 2km, 01:57:37.9, 0.2, 24.41N; 0:02:121.95E; 0.02, h23km, 5km, n105, r=87/188, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Wuta, Nanau, Suao, Aohua, Suao, ESO2, Dongshan, EOS3, Fush Village, Ninganchiao, Datong, Niucheng, Nioudou, Datong Townshi, etc.

2020 MAY

5d 2h					
SSFR	comp=E,28300µm,0.2s	AML	AML		
SSFR	comp=N,28700µm,0.2s	AML	AML		
AOI	Ancona	0.60 21	P	Pg	02 05 50.3 -0.2
AOI	comp=E,4840µm,1.1s	AML	AML		
AOI	comp=E,4840µm,0.9s	AML	AML		
AOI	comp=N,5220µm,0.4s	AML	AML		
CIS29	CIS array 29	0.62 269	P	Sb	02 05 50.6 -0.2
CIS29	comp=N,5220µm,0.4s	AML	AML		
CIS21	CIS array 21	0.62 269	P	Sb	02 05 50.5 -0.2
CIS21	comp=N,5220µm,0.4s	AML	AML		
CIS22	CIS array 22	0.62 269	P	Pg	02 05 50.6 -0.2
CIS22	comp=N,5220µm,0.4s	AML	AML		
CIS24	CIS array 24	0.62 269	P	Sb	02 06 00.7 +1.2
CIS24	comp=N,5220µm,0.4s	AML	AML		
MURB	Monte Urbino	0.63 296	↑P	Pg	02 06 00.6 +1.0
MURB	comp=E,27950µm,0.3s	AML	AML		
MURB	comp=N,21550µm,0.3s	AML	AML		
MURB	comp=E,31950µm,0.3s	AML	AML		
MURB	comp=E,27950µm,0.3s	AML	AML		
MURB	comp=N,23850µm,0.3s	AML	AML		
MURB	comp=N,21550µm,0.3s	AML	AML		
MURB	comp=E,27950µm,1.7s	AML	AML		
MURB	comp=E,31950µm,1.7s	AML	AML		
AQU	L'Aquila	0.64 173	↑P	Pg	02 05 50.6 -0.6
PCRO	Pietralacroce	0.64 15	P	Pb	02 05 51.5 -0.0
TRNI	Ferri	0.65 229	↑P	Pb	02 05 51.5 -0.1
CESX	Cesi	0.65 235	↑P	Pg	02 05 51.1 -0.4
CESX	comp=E,11250µm,0.4s	AML	AML		
CESX	comp=N,9685µm,0.4s	AML	AML		
ATFO	Monte Foc - G	0.66 305	P	Pg	02 05 51.5 -0.1
ATFO	comp=E,7925µm,0.6s	AML	AML		
ATFO	comp=N,7850µm,0.4s	AML	AML		
FRON	Frontone	0.68 322	↑P	Pg	02 05 51.7 -0.3
FRON	comp=N,11500µm,1.5s	AML	AML		
FRON	comp=E,10400µm,0.7s	AML	AML		
CORI	Corinaldo	0.68 341	↑P	Pb	02 05 52.5 +0.3
CORI	comp=E,11900µm,1.0s	AML	AML		
CORI	comp=N,7960µm,1.1s	AML	AML		
CORI	comp=N,8315µm,1.1s	AML	AML		
CORI	comp=E,11900µm,1.0s	AML	AML		
CORI	comp=N,8300µm,1.1s	AML	AML		
CORI	comp=E,6100µm,0.3s	AML	AML		
CORI	comp=N,7955µm,1.1s	AML	AML		
VCEL	Villa Celiera	0.71 146	↑P	Pg	02 05 52.1 -0.5
VCEL	comp=E,8525µm,1.6s	AML	AML		
VCEL	comp=N,6625µm,1.0s	AML	AML		
VCEN	comp=E,8525µm,0.4s	AML	AML		
SENI	Senigallia	0.72 356	P	Pb	02 05 53.0 +0.2
SENI	comp=E,14850µm,0.3s	AML	AML		
SENI	comp=N,2400µm,0.5s	AML	AML		
SENI	comp=N,17500µm,0.3s	AML	AML		
SENI	comp=E,2700µm,0.4s	AML	AML		
ATTE	AVT- Monte Tez	0.73 287	↑P	Pg	02 05 52.6 -0.3
ATLO	AVT- Montelove	0.73 297	P	Pg	02 05 52.7 -0.3
FIAM	Fiamignano	0.73 191	↑P	Sb	02 05 52.4 -0.6
FIAM	comp=E,6680µm,1.6s	AML	AML		
FIAM	comp=N,4440µm,0.5s	AML	AML		
FIAM	comp=N,2540µm,0.5s	AML	AML		
FIAM	comp=E,2835µm,0.6s	AML	AML		
FIAM	comp=E,6680µm,0.4s	AML	AML		
FIAM	comp=N,2540µm,1.5s	AML	AML		
ATBU	Serra di Buran	0.74 312	P	Pg	02 05 53.0 -0.1
TB01	Gubbio	0.75 302	↑P	Pg	02 05 53.1 -0.2
FAGN	Fagnano	0.75 164	P	Pg	02 05 52.5 -0.9
FAGN	comp=E,10125µm,0.5s	AML	AML		
FAGN	comp=N,10125µm,1.3s	AML	AML		
MPAG	Monte Paganucc	0.75 328	↑P	Pg	02 05 53.1 -0.3
MPAG	comp=E,5450µm,0.4s	AML	AML		
MPAG	comp=N,5660µm,0.4s	AML	AML		
MPAG	comp=N,5595µm,0.4s	AML	AML		
MPAG	comp=E,5655µm,0.4s	AML	AML		
MPAG	comp=E,5450µm,0.4s	AML	AML		
TB02	Pietralunga	0.76 301	P	Pg	02 05 53.2 -0.2
ATVO	AVT- Monte Val	0.77 301	↑P	Pg	02 05 53.3 -0.3
ATVO	comp=E,5825µm,1.6s	AML	AML		
ATVO	comp=E,5825µm,0.4s	AML	AML		
ATVO	comp=N,5725µm,0.5s	AML	AML		
UMBT	Umbertide	0.77 295	P	Pg	02 05 53.9 +0.2
TB03	Pietralunga	0.77 303	↑P	Pb	02 05 53.5 -0.2
PIEI	Pietra	0.79 315	↑P	Pg	02 05 53.5 -0.4
PIEI	comp=N,7290µm,0.3s	AML	AML		
PIEI	comp=E,6785µm,0.4s	AML	AML		
ATPA	AVT- Monte Val	0.79 309	↑P	Pb	02 05 53.8 -0.2
ATPI	Pietralunga	0.80 292	↑P	Pb	02 05 53.8 -0.4
ATPI	comp=E,5780µm,0.5s	AML	AML		
ATPI	comp=E,5605µm,0.5s	AML	AML		
ATPI	comp=N,4605µm,0.6s	AML	AML		
ATPI	comp=E,5785µm,0.5s	AML	AML		
ATPI	comp=N,4640µm,1.2s	AML	AML		
ATPI	comp=E,5785µm,1.5s	AML	AML		
NARO	Abbazia di Nar	0.82 320	P	Pb	02 05 54.1 -0.4
NARO	comp=N,3570µm,0.5s	AML	AML		
NARO	comp=N,3750µm,0.3s	AML	AML		
NARO	comp=N,3750µm,1.7s	AML	AML		
ATMI	Monte Miggiano	0.83 295	P	Pb	02 05 54.7 -0.1
ATMI	comp=N,5575µm,0.4s	AML	AML		
ATMI	comp=E,4465µm,0.3s	AML	AML		
T0110	Collepietro	0.84 155	P	Pb	02 05 54.0 -0.9

T0110	comp=E,5340µm,1.2s	AML	AML		
T0110	comp=N,5595µm,0.3s	AML	AML		
T0110	comp=E,5340µm,0.8s	AML	AML		
CRCT	Cartoceto	0.84 339	P	Pg	02 05 55.0 0.0
CRCT	comp=N,13250µm,1.5s	AML	AML		
CRCT	comp=N,16950µm,0.5s	AML	AML		
CRCT	comp=N,14850µm,0.5s	AML	AML		
CRCT	comp=E,9645µm,0.5s	AML	AML		
CRCT	comp=N,14850µm,1.5s	AML	AML		
CRCT	comp=N,16950µm,0.5s	AML	AML		
CRCT	comp=E,13250µm,0.5s	AML	AML		
MMPI	Mompesco	0.84 209	P	Pb	02 05 54.8 -0.1
APEC	Apecchio	0.86 312	P	Pb	02 05 55.2 0.0
APEC	comp=E,7510µm,0.3s	AML	AML		
APEC	comp=N,7785µm,0.4s	AML	AML		
APEC	comp=E,9660µm,0.3s	AML	AML		
APEC	comp=N,7270µm,0.3s	AML	AML		
APEC	comp=E,9660µm,1.7s	AML	AML		
APEC	comp=E,7510µm,1.7s	AML	AML		
IZTMP	Bauca	0.87 303	P	Pb	02 05 55.3 +0.1
IZTMP	comp=N,3300µm,0.5s	AML	AML		
MGAB	Montegabbione	0.88 265	↑P	Pb	02 05 55.4 -0.1
MGAB	comp=N,3030µm,0.5s	AML	AML		
MGAB	comp=E,3035µm,0.6s	AML	AML		
MGAB	comp=N,3165µm,0.4s	AML	AML		
MGAB	comp=E,2655µm,0.6s	AML	AML		
MGAB	comp=N,3165µm,1.6s	AML	AML		
MGAB	comp=N,3300µm,1.5s	AML	AML		
ASQU	Assisi	1.37 307	P	Pg	02 06 04.5 -0.5
CSNT	Castellina Chi	1.55 289	P	Pb	02 06 06.8 -0.2
RUFU	Rufina	1.56 304	P	Pb	02 06 07.2 +0.1
LMD	Lutirano	1.59 314	P	Pg	02 06 08.5 -0.8
MPTR	Montenerzosi	1.93 317	P	Pg	02 06 14.7 -0.9
POPMP	Poggipiso	2.13 301	P	Pg	02 06 15.2 +1.6
PISA	Pisa	2.16 291	P	Pn	02 06 15.0 +1.1
BDI	Bagni Di Lucca	2.24 300	P	Pb	02 06 16.1 +0.9
MAIM	Mastiano	2.25 295	P	Pn	02 06 17.0 -1.8
CARD	Cardano	2.30 298	P	Pn	02 06 17.2 +1.3
VBKN	Vesuvio Bunker	2.31 158	AML	AML	
VBKN	comp=E,448µm,0.4s	AML	AML		
VBKN	comp=N,504µm,0.7s	AML	AML		
VBKN	comp=N,504µm,1.3s	AML	AML		
CRTO	Cratere Ovest	2.32 159	AML	AML	
CRTO	comp=E,1260µm,0.7s	AML	AML		
CRTO	comp=N,804µm,0.8s	AML	AML		
CRTO	comp=N,804µm,1.2s	AML	AML		
VCRE	Vesuvio Crater	2.33 158	AML	AML	
VCRE	comp=E,445µm,0.7s	AML	AML		
VCRE	comp=N,502µm,0.9s	AML	AML		
GSCL	Gusciola	2.40 306	P	Pb	02 06 19.5 -1.9
SARO	Sassorosso	2.42 301	P	Pn	02 06 18.7 +1.0
TRI	Trieste	2.74 7	AML	AML	
TRI	comp=E,176µm,0.8s	AML	AML		
TRI	comp=N,174µm,0.6s	AML	AML		
PGF	Pioggiaola	3.20 264	eP	Sn	02 06 29.7 +1.4
PGF	comp=N,16nm,0.7s	eP	Sn	02 07 07.5 +1.3	
OBKA	Obir	3.63 14	ePn	Pn	02 06 34.6 +0.3
MYKA	Terra Mystica	3.65 4	ePn	Pn	02 06 35.2 +0.7
ABTA	Abtlersbach	3.80 352	i Pn	Pn	02 06 37.8 +1.2
BRY	Bratogost	3.84 90	ePn	Pn	02 06 40.2 +3.0
BRY	comp=N,4.6nm,0.4s	ePn	Pn	02 07 25.3 +3.2	
HCY	Herceg Novi	3.86 96	ePn	Pn	02 06 39.4 +2.1
HCY	comp=N,1.5nm,0.3s	ePn	Pn	02 07 25.4 +3.1	
SOKA	Soboth	3.89 18	ePn	Pn	02 06 38.6 +0.8
SOKA	comp=N,1.5nm,0.2s	ePn	Pn	02 07 24.8 +1.6	
KBA	Koelnbreinsper	4.09 0	i Pn	Pn	02 06 41.8 +1.1
KBA	comp=N,2.1nm,0.2s,SNR=18	ePn	Pn	02 07 28.6 +0.4	
UPM	Unac-Piva	4.11 85	ePn	Pn	02 06 42.9 +2.0
UPM	comp=N,7.9nm,0.3s	ePn	Pn	02 07 30.3 +1.6	
CEME	Cevo	4.16 94	i Pn	Pn	02 06 43.5 +2.1
CEME	comp=N,4.6nm,0.4s	ePn	Pn	02 07 31.6 +1.9	
BUM	Brajci-Budva	4.18 98	i Pn	Pn	02 06 43.9 +2.1
BUM	comp=N,4.6nm,0.4s	ePn	Pn	02 07 32.1 +1.8	
SBF	Sospel	4.36 284	ePn	Pn	02 06 45.7 +1.4
SBF	comp=N,4.3nm,0.7s	ePn	Pn	02 07 35.2 +0.4	
DRME	Dracevica,				

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Otaki Gorge, BHZH, MTW, CKZH, KWHZ, etc.

IDC 05 02:56:20.1s 1.6, 4.70N, 126.74E, h0km, mb4.1/s, mbtmp4.1/s, Error ellipse: s-maj=154.9km s-min=18.9km az=66.0

NEIC 05 02:56:25.3, 1.1, 4.94N:0.08, 127.2E:0.2, h35km, 2km, mb4.4/18, Error ellipse: s-maj=39.3km s-min=10.8km az=257.0

DJA 05 02:56:28.0, 1.0, 5.1N:5.5, 12.7E, h31km, 18km, M4.6/19, m85.2/9, mb4.7/16, MLv4.5/19, Mw(MB)4.6/9, Mw(Mwp)4.9/2, Mwp5.2/2

MAN 05 02:56:30.0, 5.39N:127.43E, h75km, MS3.4, ISC 05 02:56:20.7, 1.7, 4.97N:0.04, 127.34E:0.07, h9km, 10km, n51, c1f53/50, mb4.5/14, Talaud Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Don Marcelino, Sangihe, Davao City, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kusilvak Mount, Bethel, Owahat River, etc.

TAP 05 03:04:51.0, 24.52N, 121.86E, h8km, ML1.6, B, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Su ao, TSWC, EWUT, etc.

JMA 05 03:05:24.9, 0.1, 24.3N:0.7, 123.4E:0.3, h1km, 2km, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Iriomote-Funau, Yonaguni jima, etc.

IDC 05 03:20:25.4, 1.9, 33.87N:25.13E, h0km, mb3.7/6, mbtmp3.5/12, ML3.0/5, Error ellipse: s-maj=35.3km s-min=20.4km az=37.0

ISK 05 03:20:31.4, 34.20N:25.55E, h6km, ML2.6/6, ATH 05 03:20:33.6, 34.10N:25.44E, h81km, 12km, ML3.1/4, Latitude uncertainty: 4 km; Longitude uncertainty: 1 km

AFAD 05 03:20:36.2, 34.54N:25.89E, h7km, 5km, ML2.7, ISC 05 03:20:33.0, 1.7, 34.09N:0.09, 125.50E:0.04, h34km, 3km, n34, c1f51/47, mb3.4/6, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Neapolis, Zakros, Anoyia, etc.

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

IDC 05 03:26:07.2, 1.0, 34.13N:25.70E, h0km, mb3.9/11, mbtmp3.8/19, ML3.4/8, MS2.62, Error ellipse: s-maj=20.8km s-min=14.5km az=17.0

ISK 05 03:26:09.8, 34.15N:25.66E, h11km, ML3.0/6, GII 05 03:26:10.0, 0.0, 34.550N:0.001:26.143E:0.001, h0km, Mws3.8, confirmed

AFAD 05 03:26:13.3, 34.09N:26.32E, h6km, 5km, ML3.1, ATH 05 03:26:14.5, 34.31N:25.55E, h53km, 13km, ML2.9/4, Latitude uncertainty: 3 km; Longitude uncertainty: 1 km

THE 05 03:26:17.0, 35.16N:16.2E, h22km, 16km, M2.7/5, MLH2.7/5, ISC 05 03:26:07.8, 1.8, 34.00N:0.06, 25.77E:0.05, h11km, 12km, mb2, c2f23/18, mb3.9/10, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Zakros, Neapolis, Anoyia, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSBI Mazada, KRMI Paran, GHAJ Ghor Haditha, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCIG, CARR, TGIG, etc. and various seismic event descriptions.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MMAI, BRTR, EIL, etc. and various seismic event descriptions.

GCG 05 03:54:12.8±2.3, 15.62N:93.69W, h37km±890km, MD4.5, ML4.3, Presumed earthquake

MEX 05 03:54:14.8±1.5, 15.64N:93.64W, h77km±11km, MD4.2, Presumed earthquake

IC 05 03:54:11.5±1.2, 15.58N:100.49372W±0.03, h87km±10km, n42, e201/72, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TNSJ, TKDS, TBHD, ISFR, IAKL, IPAY, IMOG, etc.

IDC 05:05:37.08.6.0.3, 8.89S, 140.26E, h0km, mb4.1/12, mtbnp4.2/16, ML3.9/3, MS3.4/30, Error ellipse: s-maj=19.0km s-min=10.0km az=95.0

DJA 05:05:37.15.1.0.3, 4.2S, 2.14E, h64km, 5km, M4.8/15, mb4.7/15, mb5.4/5, ML4.9/11, Mw(MB)4.0/5

ISC 05:05:37.15.7.0.4, 3.94S, 0.05E, 140.45E, 0.05, h59km, n91, e195/75, mb4.2/17, MS3.4/27, 1C, Irian Jaya

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

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

RSNC 05:05:43:51.8.0.8, 3N.5.8W, h0km, M3.2, mb4.4, mb3.5, ML2.7, Mw(MB)3.5, Off coast of central America

IDC 05:05:46:06.1.4.2, 49.06N:128.99W, h0km, mb3.0/1, mtbnp3.0/5, ML3.1/4, MS2.9/3, Error ellipse: s-maj=16.9km s-min=16.9km az=73.0

PGC 05:05:46:09.7.0.0, 49.18N:127.93W, h10km, MLsn2.7/16, Mw3.3/16, 139km south of Port Lela, Bc Vancouver Island, Canada Region

ISC 05:05:46:07.9.1.6, 49.21N:127.96W, 0.05, h4km, 12km, n94, e159/33, Fancruiser Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GR1C, PPLP, OTAV, etc.

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

KRSC 05:05:51:38.7.2.0, 48.21N:156.17E, h16km, 44km, MI4.1, East of Kuril Islands

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

IDC 05:05:55:06.4.1.8, 17.92N:66.96W, h0km, mb3.2/3, mtbnp3.2/3, MS2.7/1, Error ellipse: s-maj=37.0km s-min=10.1km az=177.0

NEIC 05:05:55:08.3.1.4, 17.90N:0.03:66.85W:0.01, h10km, 1km, mb3.6/2, ML3.5/35, Md3.2/20(RSPR), Error ellipse: s-maj=5.3km s-min=2.8km az=17.0

RSRP 05:05:55:08.6.1.7, 92N:66.86W, h13km, MD3.2/20, OSPL 05:05:55:08.1.0.4, 17.94N:66.88W, h10km, 4km, ML3.6, Presumed earthquake

SDD 05:05:55:08.5.1.6, 17.94N:66.88W, h23km, 9km, MD3.3, ML3.4, MV3.6, Presumed earthquake Hypocentre not resolved by the ISC

ISC 05:05:57:0.7.0.8, 17.87N:0.04:66.84W:0.02, h20km, 3km, n65, e166/89, mb3.4/5, 11C-5D, Puerto Rico region

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

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Xindian Distri, Yeheng, Hwangang, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like WRO, COEN, GUO, GUMU, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like MRNZ, THZ, THZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like IDC, DJA, NEIC, ISC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like LKBA, FUGATA, TAVEUNI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like WAKE ISLAND Hy, WAKE ISLAND Hy, etc.

5d 8h

2020 MAY

CN2	comp-Z,100nm,0.5s	81.96	7	I Amb	I Amb	08 16 36.0	SKAG Skagway	83.59	19	P	P	08 16 43.7 +0.7	FLWY Flagg Ranch	85.12	41	I Amb	I Amb	08 16 53.9
J17K	VAMZ Dome comp-Z,14nm,0.8s	81.96	7	P	P	08 16 35.3 +0.8	PV01 Paradox Valley comp-Z,16mm,0.8s	83.60	47	I Amb	I Amb	08 16 45.3	IMAR Indian Mountain comp-Z,16mm,1.0s	85.13	9	P	P	08 16 50.8 +0.2
J17K	VAMZ Dome bazz=195	81.96	7	P	P	08 16 35.3 +0.8	P30M Millin Dollar bazz=216	83.62	18	P	P	08 16 44.0 +0.8	YHB Horse Butte comp-Z,16mm,1.0s	85.15	40	I Amb	I Amb	08 16 53.7
BGU	Big Grassy Moun comp-Z,39nm,2.0s	82.01	43	I Amb	I Amb	08 16 37.0	ANMO Albuquerque ANMO Albuquerque	83.63	50	P	P	08 16 44.9 +0.9	IL31 Eielson Array comp-Z,9.4nm,0.6s	85.17	12	P	P	08 16 49.8 -1.0
S31K	Pelican bazz=21	82.11	20	P	P	08 16 36.0 +0.6	ANMO Albuquerque ANMO Albuquerque	83.63	50	P	P	08 16 44.9 +0.9	ILAR Eielson Array comp-Z,9.4nm,0.6s	85.17	12	P	P	08 16 50.2 -0.6
SML	Sawmill bazz=206	82.12	21	P	P	08 16 35.6 -0.4	ANMO Albuquerque PV22 Blue Mesa, Par comp-Z,17mm,1.0s	83.63	50	P	P	08 16 44.9 +0.9	ILAR Eielson Array PDAR Pinedale Array	85.17	12	P	P	08 20 12.7 +0.6
I17K	Unalakleet comp-Z,19nm,0.9s	82.25	6	I Amb	I Amb	08 16 38.1	PV07 Paradox Valley comp-Z,13nm,0.9s	83.64	46	I Amb	I Amb	08 16 45.7	PDAR Pinedale Array H3032 Juan Fernandez	85.18	42	P	P	08 16 49.7 -1.1
I17K	Unalakleet bazz=194,SNR=5.2	82.25	6	P	P	08 16 36.8 +0.8	F15K North Star Dit comp-Z,16mm,1.1s	83.69	4	I Amb	I Amb	08 16 45.9	PDAR Pinedale Array H3032 Juan Fernandez	85.22	124	T	T	08 16 51.1 -0.5
F10A	Beach Ranch, E MESA	82.26	37	P	P	08 16 36.6 0.0	F15K North Star Dit comp-Z,16mm,1.1s	83.69	4	P	P	08 16 43.7 +0.3	YHL Hebogen Lake H3031 Juan Fernandez	85.18	42	P	P	08 16 51.3 -0.4
MESA	MESA bazz=212,SNR=6.6	82.27	16	P	P	08 16 36.8 +0.3	H18K Honhosa River bazz=196,SNR=14	83.74	7	P	P	08 16 43.6 0.0	H3031 Juan Fernandez H3033 Juan Fernandez	85.21	124	T	T	09 50 36.4
BMRM	Bremner River bazz=209,SNR=8.9	82.29	14	P	P	08 16 36.3 -0.1	PV15 Paradox Valley comp-Z,19nm,0.9s	83.76	47	I Amb	I Amb	08 16 46.1	H3031 Juan Fernandez H3033 Juan Fernandez	85.21	124	T	T	09 50 38.6
M23K	Glacier View bazz=206	82.32	13	P	P	08 16 36.1 -0.4	YUK8 Steve Glacier bazz=214,SNR=9.3	83.78	16	P	P	08 16 44.5 +0.2	E17K Hotham Inlet J25K Salcha River,	85.22	124	T	T	09 50 38.7
C2UK	Chulitna bazz=204,SNR=8.2	82.37	11	P	P	08 16 36.3 -0.4	S34M Telegraph Creek bazz=222,SNR=16	83.80	22	P	P	08 16 44.6 +0.5	J25K Salcha River, POKR POKER Plat Res	85.27	5	P	P	08 16 51.4 +0.1
L22K	Petersville comp-Z,25nm,1.0s	82.39	11	I Amb	I Amb	08 16 37.0	BPWW Bear Paw Mtn. BPWW Bear Paw Mtn.	83.81	10	P	P	08 16 42.3 -1.7	H22K Ishlathina Cre bazz=203,SNR=7	85.32	11	P	P	08 16 51.6 -0.1
L22K	Petersville bazz=203	82.39	11	P	P	08 16 36.0 -0.9	G17K Kiwialik Moun bazz=194,SNR=30	83.81	10	P	P	08 16 42.4 -1.6	F19K Shalercuk Mo bazz=249,slow=75,SNR=47	85.33	12	P	P	08 16 51.2 -0.6
SCM	Sheep Creek Mo bazz=207,SNR=9.3	82.44	13	P	P	08 16 37.0 -0.2	MCK McKinnon bazz=205,SNR=33	83.83	6	P	P	08 16 44.4 +0.3	F19K Shalercuk Mo bazz=249,slow=75,SNR=47	85.33	12	P	P	08 16 52.2 +0.2
KLU	Klutina comp-Z,31nm,1.5s	82.45	14	I Amb	I Amb	08 16 48.7	PAX Paxson bazz=208,SNR=6.6	83.84	11	P	P	08 16 43.7 -0.5	F19K Shalercuk Mo bazz=249,slow=75,SNR=47	85.34	7	P	P	08 16 52.0 0.0
KLU	Klutina bazz=208	82.45	14	P	P	08 16 37.8 +0.6	YUK6 Outpost Moun bazz=21	83.86	13	P	P	08 16 43.5 -0.9	K27K Chitka comp-Z,19nm,1.0s	85.34	14	I Amb	I Amb	08 16 54.2
PLID	Pearl Lake comp-Z,14nm,0.8s	82.46	38	I Amb	I Amb	08 16 38.9	I20K Naaghedeneel bazz=200,SNR=8.5	83.89	17	P	P	08 16 44.8 0.0	SDCO Great Sand Un N32M Quiet Lake	85.35	48	P	P	08 16 54.3
CRQM	Cirque comp-Z,23nm,0.8s	82.46	15	I Amb	I Amb	08 16 38.4	M26K Nabesna, AK bazz=211	83.91	9	P	P	08 16 44.7 +0.2	N32M Quiet Lake H23K Yukon River	85.37	19	I Amb	I Amb	08 16 53.6 -0.2
CRQE	Cirque bazz=211,SNR=6.7	82.47	15	P	P	08 16 37.3 -0.1	M26K Nabesna, AK bazz=211	83.92	14	P	P	08 16 44.8 +0.1	M30M Minto, Yukon M30M Minto, Yukon	85.37	19	I Amb	I Amb	08 16 53.2 +0.1
PRLA	Purkeypile bazz=202	82.48	10	P	P	08 16 37.9 +0.6	YUC3 Moose Creek bazz=213,SNR=14	84.01	16	P	P	08 16 45.3 -0.1	G21K Allakaket G21K Allakaket	85.37	9	I Amb	I Amb	08 16 53.2 0.0
ANM	Nome bazz=189	82.51	4	P	P	08 16 37.9 +0.6	PECS Pecos comp-Z,22nm,1.6s	84.01	65	I Amb	I Amb	08 16 48.2	E18K Tukpahearik C comp-Z,15nm,0.7s	85.37	9	I Amb	I Amb	08 16 54.3
BO8A	Colville Reser comp-Z,18nm,0.8s	82.52	34	P	P	08 16 37.1 -0.7	HYT Haines Junction HYT	84.03	17	P	P	08 16 45.8 +0.4	E18K Tukpahearik C bazz=194,SNR=16	85.37	9	I Amb	I Amb	08 16 54.0
BO8A	Colville Reser bazz=189	82.52	34	P	P	08 16 37.1 -0.7	HYT Haines Junction bazz=214,SNR=9.3	84.03	17	P	P	08 16 45.8 +0.4	E18K Tukpahearik C bazz=194,SNR=16	85.37	9	I Amb	I Amb	08 16 54.0
HLID	Halley comp-Z,23nm,0.8s	82.56	40	I Amb	I Amb	08 16 40.2	BRWY Burwash Landin bazz=216,SNR=8.9	84.03	17	P	P	08 16 45.6 +0.2	E18K Tukpahearik C bazz=194,SNR=16	85.37	9	I Amb	I Amb	08 16 54.0
SPUT	South Promonto comp-Z,22nm,1.1s	82.58	42	I Amb	I Amb	08 16 40.1	RDMU Red Mountain comp-Z,17nm,0.8s	84.05	17	P	P	08 16 45.5 +0.1	E18K Tukpahearik C bazz=194,SNR=16	85.37	9	I Amb	I Amb	08 16 54.0
K20K	Telida comp-Z,15nm,0.8s	82.61	9	I Amb	I Amb	08 16 39.0	YUK4 Talbot Arm bazz=215,SNR=9.4	84.05	17	P	P	08 16 45.5 +0.1	E18K Tukpahearik C bazz=194,SNR=16	85.37	9	I Amb	I Amb	08 16 54.0
K20K	Telida bazz=200,SNR=12	82.61	9	P	P	08 16 37.8 -0.2	M27K Edge Creek, AK bazz=212	84.09	44	I Amb	I Amb	08 16 47.5	L29M L29M bazz=215,SNR=38	85.37	16	P	P	08 16 54.3 +0.6
HVU	Hansel Valley comp-Z,21nm,0.8s	82.62	42	I Amb	I Amb	08 16 40.2	Q32M Nakina River comp-Z,16nm,0.8s	84.14	17	P	P	08 16 46.7 +0.6	D17K Natak River bazz=192,SNR=9.1	85.37	5	P	P	08 16 53.9 +0.2
LLL	Lillooet comp-Z,16nm,1.0s	82.63	31	I Amb	I Amb	08 16 39.5	Q32M Nakina River bazz=221,SNR=7.0	84.15	21	I Amb	I Amb	08 16 46.2 +0.2	HNS HongShan HNS	85.38	311	UP	UP	08 16 56.1 +1.4
P17A	Butcher Ranch, comp-Z,28nm,1.2s	82.77	45	I Amb	I Amb	08 16 41.6	P32M Atlin bazz=219	84.19	21	I Amb	I Amb	08 16 47.1 +0.7	F20K Avarart Lake bazz=198	85.38	7	I Amb	I Amb	08 16 55.5
VRDI	Verde Repeater comp-Z,22nm,1.0s	82.79	15	I Amb	I Amb	08 16 40.0	MENT Mentasta comp-Z,16nm,0.9s	84.20	20	P	P	08 16 46.7 +0.5	F20K Avarart Lake bazz=206	85.38	7	I Amb	I Amb	08 16 55.5
GRNC	Granite Creek comp-Z,18nm,1.0s	82.80	16	I Amb	I Amb	08 16 40.2	H19K Roundabout Moun comp-Z,23nm,0.9s	84.22	14	I Amb	I Amb	08 16 47.4	H24K Noodin Dome bazz=206	85.38	7	I Amb	I Amb	08 16 55.5
H16K	Elim bazz=192,SNR=28	82.83	6	P	P	08 16 39.5 +0.5	H19K Roundabout Moun comp-Z,23nm,0.9s	84.22	14	I Amb	I Amb	08 16 47.4	MXST Muleshoe comp-Z,14nm,0.9s	85.38	7	I Amb	I Amb	08 16 55.5
GLB	Gilahina Butte comp-Z,21nm,0.7s	82.89	15	I Amb	I Amb	08 16 40.3	H19K Roundabout Moun comp-Z,23nm,0.9s	84.23	8	P	P	08 16 47.1 +0.5	YNE Yellowknife No bazz=218,SNR=6.2	85.38	7	I Amb	I Amb	08 16 55.5
VHRN	Van Horn comp-Z,12nm,0.7s	82.91	55	I Amb	I Amb	08 16 42.3	L26K Log Cabin Wild comp-Z,18nm,0.8s	84.23	8	P	P	08 16 47.1 +0.5	M31M Drury Creek, Y bazz=218,SNR=6.2	85.38	7	I Amb	I Amb	08 16 55.5
M24K	Tolsona bazz=208,SNR=7.1	82.94	13	P	P	08 16 40.1 +0.4	L26K Log Cabin Wild comp-Z,18nm,0.8s	84.23	14	I Amb	I Amb	08 16 48.2	E19K Redstone Riv comp-Z,18nm,0.8s	85.38	7	I Amb	I Amb	08 16 55.5
J19K	Poorman bazz=199	82.98	9	P	P	08 16 40.6 +0.8	O30N Mendon bazz=217,SNR=14	84.28	22	P	P	08 16 48.5 +0.4	PRP Porcupine Dome comp-Z,24nm,1.2s	85.38	7	I Amb	I Amb	08 16 55.5
P29M	Windy Craggy comp-Z,19nm,0.8s	82.99	18	I Amb	I Amb	08 16 41.6	G18K Tagagawik comp-Z,23nm,0.8s	84.28	22	P	P	08 16 48.5 +0.4	PRP Porcupine Dome bazz=208,SNR=11	85.38	7	I Amb	I Amb	08 16 55.5
P29M	Windy Craggy bazz=216,SNR=7.7	82.99	18	P	P	08 16 40.6 +0.6	G18K Tagagawik bazz=236,SNR=44	84.28	7	P	P	08 16 47.7 +0.6	RDOG Red Dog Mine comp-Z,10nm,0.6s	85.38	7	I Amb	I Amb	08 16 55.5
MNTX	Cornudas Moun comp-Z,35nm,1.4s	83.00	54	I Amb	I Amb	08 16 43.0	BVCY Beaver Creek bazz=213,SNR=22	84.28	14	P	P	08 16 47.8 +0.4	RDOG Red Dog Mine bazz=199	85.38	7	I Amb	I Amb	08 16 55.5
G15K	Niukuk bazz=191	83.03	5	P	P	08 16 40.7 +0.7	SEY Seymchan SEY	84.28	14	P	P	08 16 47.8 +0.4	C16K Lisburne Hills bazz=189	85.38	7	I Amb	I Amb	08 16 55.5
WAT6	Susitna Watana bazz=206,SNR=14	83.03	12	P	P	08 16 40.0 -0.3	H20K Anotleneega Mo bazz=199,SNR=20	84.28	14	P	P	08 16 47.8 +0.4	WTLY Watson Lake, Y comp-Z,25nm,1.0s	85.38	7	I Amb	I Amb	08 16 55.5
MCARA	McCarthy VSAT bazz=211	83.03	15	P	P	08 16 40.2 +0.1	K24K Donnelly Dome bazz=208,SNR=21	84.28	14	P	P	08 16 47.8 +0.4	F21K Alatna River bazz=201,SNR=11	85.38	7	I Amb	I Amb	08 16 55.5
LOGN	Logan Glacier comp-Z,18nm,0.9s	83.07	16	P	P	08 16 39.8 -0.8	DLBC Dease Lake bazz=223,SNR=10	84.28	22	P	P	08 16 48.5 +0.4	G22K Bettles bazz=202	85.38	7	I Amb	I Amb	08 16 55.5
LOGN	Logan Glacier bazz=205	83.07	16	P	P	08 16 41.5	NEA2 Nenana comp-Z,19nm,0.9s	84.28	22	P	P	08 16 48.5 +0.4	G22K Bettles bazz=202	85.38	7	I Amb	I Amb	08 16 55.5
WAT1	Susitna Watana bazz=205	83.09	12	P	P	08 16 40.0 -0.4	NEA2 Nenana bazz=205,SNR=18	84.28	22	P	P	08 16 48.5 +0.4	G22K Bettles bazz=202	85.38	7	I Amb	I Amb	08 16 55.5
CTG	Chitna Glacier bazz=212,SNR=9.7	83.10	16	P	P	08 16 40.8 +0.1	DLMT Dillon comp-Z,21nm,1.1s	84.28	22	P	P	08 16 48.5 +0.4	G22K Bettles bazz=202	85.38	7	I Amb	I Amb	08 16 55.5
CTGM	Chitna Glacier comp-Z,18nm,0.8s	83.10	16	I Amb	I Amb	08 16 41.7	N30M Aishihik Lake bazz=216,SNR=6.6	84.28	22	P	P	08 16 48.5 +0.4	G22K Bettles bazz=202	85.38	7	I Amb	I Amb	08 16 55.5
P18A	Preston Nutter comp-Z,19nm,0.8s	83.18	45	I Amb	I Amb	08 16 43.4	RIDG Independent Ri comp-Z,23nm,1.0s	84.28	22	P	P	08 16 48.5 +0.4	G22K Bettles bazz=202	85.38	7	I Amb	I Amb	08 16 55.5
PV05	Paradox Valley comp-Z,26nm,0.8s	83.20	47	I Amb	I Amb	08 16 44.1	RIDG Independent Ri bazz=209,SNR=15	84.28	22	P	P	08 16 48.5 +0.4	G22K Bettles bazz=202	85.38	7	I Amb	I Amb	08 16 55.5
O28M	Mount Upton comp-Z,21nm,1.0s	83.24	16	I Amb	I Amb	08 16 42.6	WHY Whitehorse bazz=21											

Table with columns: ID, Name, Time, Az, El, Azimuth, Elevation, Status, and other parameters. Includes entries like C19K Lookout Ridge, F24K Squaw Lake, H27K Steamboat Moun, etc.

Table with columns: ID, Name, Time, Az, El, Azimuth, Elevation, Status, and other parameters. Includes entries like YKAW1 Yellowknife Wh, ECSD EROS Data Cent, C36M Paulatuk, etc.

Table with columns: ID, Name, Time, Az, El, Azimuth, Elevation, Status, and other parameters. Includes entries like HERR Herculane, B10A Bad Ischl, ARSA Arzberg, etc.

NEIC 05 08:09:06.3r 1.6, 29.335:0.06:177.0W,0.1,h10km,2km, mb4.5/11, Error ellipse: s-maj=16.6km s-min=6.4km az=120.0

IDC 05 08:09:10.1,2.4, 30.89S:177.62W,h0km,mb4.3/3, mbmp4.2/4,ML3.7/1, Error ellipse: s-maj=54.1km s-min=24.5km az=114.0

ISC 05 08:09:11.2,4.2, 30.75S:0.06:177.3W,0.3,h27km,n37, r=123.33,mb4.5/9,Kermadec Islands

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Status, and other parameters. Includes entries like GLKZ Green Lake, RAO Raoul Island, WAO Waioataitini, etc.

CATAC 05 08:22:11.8,0.6, 14°N,5°9'W, h37km,9km, M2,6/11, MLV2,6/11, Error ellipse: s-maj=10.9km s-min=5.1km az=19.4, confirmed

GCG 05 08:22:1.4,0.6, 13.78N:90.58W,h81km,6km,MD3.7, presumed caribbean

ISC 05 08:22:10.8,2.5, 13.7N,0.1:90.63W,0.8,h92km,16km, n23,r095/31,Near coast of Guatemala

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Status, and other parameters. Includes entries like FG8 Yepocapa, PFGS San Vicente Pa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like P10N, P10N, APG, RTAL, UJES, etc.

IDC 05 08:22:42.0.2.9, 15°47'S; 172°78'W, h173km, 20km, mb3.7/3, mb1mp4.1/4, Error ellipse: s-maj=93.9km s-min=23.6km az=141.0

NEIC 05 08:22:43.2.1.8, 15°45'S; 0°1'173.1W, 0.2, h161km, 19km, mb4.3/3, Error ellipse: s-maj=31.8km s-min=7.7km az=65.0

ISC 05 08:22:42.0.0.8, 15°34'S; 0°08'173.24W, 0.1, h150km, n20, c087/21, mb4.2/9, Tonga Islands

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

NOU 05 08:22:58.5, 17°83'S; 167°46'E, h0km, MLV4.6/10, Vanuatu Islands

IDC 05 08:23:04.8.5.7, 18°04'S; 167°77'E, h70km, 47km, mb3.5/5, mb1mp3.8/6, ML3.6/1, MS3.6/16, Error ellipse: s-maj=38.5km s-min=32.6km az=41.0

ISC 05 08:23:00.1.0.9, 17°82'S; 0°06'167.59E, 0.07, h23km, n27, c1123/13, mb3.8/5, MS3.5/14, Vanuatu Islands

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

KRNET 05 08:29:17.4.0.1, 39°02'N; 73°22'E, mb2.8, ISC 05 08:29:15.0.3.5, 38°39'N; 02°73.6E, 0.2, h10km, n5, c1578/8, 5C-4D, Tajikistan-Xinjiang border region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRK31, KRK31, KRK31, etc.

ASRS 05 08:43:18.0.1.6, 53°76'N; 91°07'E, h0km, M2.8(MOS), The Earthquake of Russia in 2020, Obninsk, GS RAS, 2022. IDC 05 08:43:24.4.3.7, 53°68'N; 90°71'E, h0km, mbTMP.9/3, ML2.3/3, Error ellipse: s-maj=33.1km s-min=26.6km az=30.0, Southwest Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I46RU, ZALV, KURBB, etc.

DJA 05 09:07:26.6.1.0, 8°S; 6°10'E, h31km, 22km, M4.2/26, mb6.4/1, mb4.5/6, ML3.6/1, MW(mb)6.1/1, Southwest of Sumatera

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

IDC 05 09:13:29.2.1.8, 4°11'N; 126°74'E, h0km, mb3.8/6, mb1mp3.8/6, MS3.0/3, Error ellipse: s-maj=138.6km s-min=19.3km az=70.0

DJA 05 09:13:33.3.1.0, 4°N; 11°12'E, h21km, 5km, M3.8/10, mb3.9/3, MLV3.8/10

ISC 05 09:13:31.6.1.0, 4°01'N; 0°06'127.0E, 0.1, h10km, n14, c1546/14, mb3.8/6, MS3.1/3, Taiwan Islands

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

WEL 05 09:41:02.0.1.2, 39°5'S; 17°7'E, h49km, 11km, M2.4/12, ML2.4/12, MLV2.4/12, Error ellipse: s-maj=6.2km

NOU 05 09:41:03.5, 38°60'S; 0°03'176.52E, 0.03, h55km, 77km, n77, c084/99, North Island

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

WEL 05 09:41:02.0.1.2, 39°5'S; 17°7'E, h49km, 11km, M2.4/12, ML2.4/12, MLV2.4/12, Error ellipse: s-maj=6.2km

NOU 05 09:41:03.5, 38°60'S; 0°03'176.52E, 0.03, h55km, 77km, n77, c084/99, North Island

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

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

IDC 05 10:01:27.2.4.5, 36°35'N; 71°15'E, h91km, 39km, mb3.6/9, mb1mp3.9/15, Error ellipse: s-maj=31.3km s-min=16.7km az=39.0

NEIC 05 10:01:29.0.1.4, 36°47'N; 0°07'71.07E, 0.09, h103km, 10km, mb4.4/13, Error ellipse: s-maj=11.1km

NNC 05 10:01:32.4.5.1, 36°82'N; 70°74'E, h96km, 99km, mb3.4, mpv4.0, Error ellipse: s-maj=40.4km s-min=34.8km az=51.0

ISC 05 10:01:26.9.0.6, 36°32'N; 0°05'71.13E, 0.06, h100km, n67, c222/20, mb4.1/15, 4C-4D, Afghanistan-Tajikistan border region

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

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, h, m, s, ISC, Res. Includes stations like MKAR Makanchi Array, WMQ Urumqi, KURBB Kurchatov Arra, etc.

IDC 05 10:04:30.7z 12.0, 14.78N-146.46E, h0km, mb3.8/6, mbtmp3.8/6, Error ellipse: s-maj=348.9km s-min=42.6km az=178.0, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, h, m, s, ISC, Res. Includes stations like GUMO Guam, ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

IDC 05 10:12:27.8z 0.8, 20.14S; 168.70E, h0km, mb4.2/13, mbtmp4.2/14, ML3.7/1, MS3.9/23, Error ellipse: s-maj=26.0km s-min=18.1km az=125.0

NOU 05 10:12:27.7, 20.10S; 168.72E, h0km, MLV4.7/13, Loyalty Islands

NEIC 05 10:12:29.8z 0.6, 20.25S; 0.06; 168.73E; 0.7z, h10km, 1km, mb4.7/30, Error ellipse: s-maj=11.9km s-min=9.9km az=70.0

GCMT 05 10:12:35.8z 0.3, 20.00S; 0.04; 168.43E; 0.03, h24km, 1km, MW4.9/61, Moment Tensor Solution, s24,c26; s61,c81

Duration: 0 Moment tensor: Scale 10^16Nm; M2: 4.4; 18; Mw=0.47z; 10; Mw=1.94z; 11; Mw=0.03z; 18; Mw=0.54z; 07; Mw=1.06z; 13; Best double couple: M2: 4.9700z; 10^16 NP1: 337.0000z; 833.0000z; 180.0000z. NP2: 168.0000z; 857.0000z; 196.0000z. Principal axes: T 2.6570, Plg77.0000z, Azm88.0000z; P -2.3360, Plg12.0000z, Azm254.0000z; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 05 10:12:32.0z 0.4, 20.16S; 0.04; 168.68E; 0.07, h25km, n87, 1553/66, mb4.7/33, MS3.8/22, CT, Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, h, m, s, ISC, Res. Includes stations like MARNC Mare, Loyalty, RTV Rentapao, DVP Devils Point, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, h, m, s, ISC, Res. Includes stations like AFI Afiamalu, CTA Charters Tower, RPZ Rata Peaks, etc.

IDC 05 10:49:43.5z 0.5, 15.43S; 173.21W, h0km, mb4.4/22, mbtmp4.4/23, ML4.9/1, MS3.8/44, Error ellipse: s-maj=21.2km s-min=13.2km az=130.0

NEIC 05 10:49:44.8z 1.8, 15.6S; 0.1z; 173.170.0; 1, h10km, 1km, mb4.7/42, Error ellipse: s-maj=19.4km s-min=13.8km az=23.0

NOU 05 10:49:50.3, 14.19S; 172.64W, h108km, mb5.0/29, Samoa Islands

GCMT 05 10:49:52.8z 0.3, 15.28S; 0.03; 172.95W; 0.02, h12km, MW5.1/79, Moment Tensor Solution, s22,c24; s79,c09; Duration: 0 Moment tensor: Scale 10^16Nm; Mw=0.49z; 10; Mw=0.19z; 07; Mw=1.61z; 22; Mw=0.38z; 07; Mw=0.77z; 14; Best double couple: Mw=0.3500z; 10^16 NP1: 382801.0000z; 81.0000z; 173.0000z. NP2: 18.0000z; 890.0000z; 189.0000z. Principal axes: T 4.7090, Plg45.0000z, Azm287.0000z; N 0.6530, Plg1.0000z, Azm18.0000z; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 05 10:49:45.0z 0.3, 15.45S; 0.06; 173.06W; 0.07, h10km, n412, 1908/305, mb4.7/90, MS3.9/45, 6C-15D, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, h, m, s, ISC, Res. Includes stations like AFI Afiamalu, AFI Urumqi, NIUE Niue, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, h, m, s, ISC, Res. Includes stations like WMQ Urumqi, WMQ, TXAR Lajitas Array, etc.

IDC 05 10:49:43.5z 0.5, 15.43S; 173.21W, h0km, mb4.4/22, mbtmp4.4/23, ML4.9/1, MS3.8/44, Error ellipse: s-maj=21.2km s-min=13.2km az=130.0

NEIC 05 10:49:44.8z 1.8, 15.6S; 0.1z; 173.170.0; 1, h10km, 1km, mb4.7/42, Error ellipse: s-maj=19.4km s-min=13.8km az=23.0

NOU 05 10:49:50.3, 14.19S; 172.64W, h108km, mb5.0/29, Samoa Islands

GCMT 05 10:49:52.8z 0.3, 15.28S; 0.03; 172.95W; 0.02, h12km, MW5.1/79, Moment Tensor Solution, s22,c24; s79,c09; Duration: 0 Moment tensor: Scale 10^16Nm; Mw=0.49z; 10; Mw=0.19z; 07; Mw=1.61z; 22; Mw=0.38z; 07; Mw=0.77z; 14; Best double couple: Mw=0.3500z; 10^16 NP1: 382801.0000z; 81.0000z; 173.0000z. NP2: 18.0000z; 890.0000z; 189.0000z. Principal axes: T 4.7090, Plg45.0000z, Azm287.0000z; N 0.6530, Plg1.0000z, Azm18.0000z; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 05 10:49:45.0z 0.3, 15.45S; 0.06; 173.06W; 0.07, h10km, n412, 1908/305, mb4.7/90, MS3.9/45, 6C-15D, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, h, m, s, ISC, Res. Includes stations like AFI Afiamalu, AFI Urumqi, NIUE Niue, etc.

5d 10h

ASAR	comp=Z,1.7nm,0.7s,baz=85,slow=7.9,SNR=1.2	LR	LR	11 18 37.1
GUMO	comp=Z,334nm,19.8s,baz=90,slow=34			
MTN	50.63 303 LR	LR		11 18 20.6
FORT	55.69 245 P	P		10 59 08.3 -1.4
FORT	55.69 243 Iamb	Iamb		10 59 19.9 -1.5
KNRA	55.88 261 P	P		10 59 22.5 -0.5
SIJI	56.79 279 LR	LR		11 22 44.3
FITZ	64.89 211 LR	LR		11 22 18.2
JCJ	60.62 314 LR	LR		11 20 51.5
BATI	61.74 267 LR	LR		11 25 04.4
SBA	63.25 185 P	P		11 00 12.3 -0.4
VNDA	63.36 186 P	P		11 00 15.2 +1.6
VNDA	63.36 186 P	P		11 00 14.8 +1.2
PSA00	63.51 253 P	P		11 00 15.1 -0.4
PSA00	63.51 253 Iamb	Iamb		11 00 16.4
PSA00	63.51 253 P	P		11 00 14.8 -0.7
PSA00	63.51 253 Iamb	Iamb		11 00 27.4
DAV	64.76 286 LR	LR		11 27 23.7
NWAO	64.89 211 LR	LR		11 28 25.6
JHJ	66.02 318 LR	LR		11 23 35.3
KAPI	66.71 271 LR	LR		11 28 00.6
TOL12	67.38 278 P	P		11 00 40.1 -0.5
TOL12	67.38 278 Iamb	Iamb		11 00 57.7
SHEM	68.80 352 LR	LR		11 24 21.5
MJAR	69.19 320 P	P		11 00 51.7 +0.2
MJAR	69.19 320 P	P		11 00 51.7 +0.2
MJAR	69.19 320 P	P		11 00 51.0 -0.5
MAJO	69.19 320 P	P		11 00 51.4 -0.1
MAJO	69.19 320 Iamb	Iamb		11 01 05.3
JOW	70.78 306 LR	LR		11 25 59.4
TGY	71.55 291 LR	LR		11 26 57.4
JNU	72.07 313 LR	LR		11 26 20.5
PFO	72.71 47 LR	LR		11 24 05.2
PETK	72.77 342 P	P		11 01 13.9 +1.0
PETK	72.77 342 LR	LR		11 30 04.0
LPIG	72.78 58 LR	LR		11 24 40.4
NVAR	74.14 42 P	P		11 01 23.1 +1.5
NVAR	74.14 42 P	P		11 01 23.3
NVAR	74.14 42 P	P		11 01 22.0 +0.4
GMN	74.19 43 P	P		11 01 22.5 +0.6
GSPA	74.60 180 P	P		11 01 24.6 +0.8
QSPA	74.60 180 LR	LR		11 27 55.3
QSPA	74.60 180 P	P		11 01 23.9 +0.1
KVN	74.63 41 LR	LR		11 01 26.1 +1.7
KDAD	74.90 11 LR	LR		11 27 02.0
P16K	75.23 8 P	P		11 01 27.6 +0.5
O16K	75.76 8 P	P		11 01 30.0 -0.2
O16K	75.76 8 P	P		11 01 30.0 -0.2
M11K	75.77 4 P	P		11 01 32.0 +1.8
M13K	76.00 5 P	P		11 01 31.9 +0.4
M13K	76.00 5 P	P		11 01 32.9 +1.4
O17K	76.07 8 P	P		11 01 32.2 +0.3
N15K	76.08 7 P	P		11 01 32.7 +0.7
N15K	76.08 7 P	P		11 01 32.7 +0.7
O18K	76.42 9 P	P		11 01 33.5 -0.5
KSR5	76.42 315 P	P		11 01 35.5 +1.1
KSR5	76.42 315 LR	LR		11 29 40.9
M14K	76.46 6 P	P		11 01 35.5 +1.5
M14K	76.46 6 P	P		11 01 35.2 +1.2
M15K	76.53 6 P	P		11 01 35.5 +1.0
I07A	76.74 37 Iamb	Iamb		11 02 01.6
N17K	76.78 8 P	P		11 01 36.2 +0.3
L14K	76.97 5 Iamb	Iamb		11 01 39.7
L14K	76.97 5 P	P		11 01 38.3 +1.4
M16K	77.04 7 P	P		11 01 38.5 +1.0
M16K	77.04 7 P	P		11 01 38.4 +1.0
O20K	77.06 10 P	P		11 01 37.8 +0.2
BRSE	77.08 11 P	P		11 01 37.2 -0.5
N18K	77.11 9 P	P		11 01 38.3 +0.5
ELK	77.40 41 LR	LR		11 27 09.8
K13K	77.41 4 P	P		11 01 41.0 +1.6
L15K	77.41 6 P	P		11 01 40.6 +1.1
N19K	77.45 9 P	P		11 01 40.1 +0.3
M17K	77.59 8 P	P		11 01 41.7 +1.1
USRK	77.62 323 P	P		11 01 41.6 +0.6
L16K	77.65 7 Iamb	Iamb		11 01 43.6
L16K	77.65 7 P	P		11 01 42.4 +1.6
SEW	77.67 12 P	P		11 01 40.2 -0.7
Q23K	77.71 14 P	P		11 01 40.5 -0.6
M18K	77.90 8 P	P		11 01 42.8 +0.6
LEM	77.96 266 LR	LR		11 37 26.3
K15K	78.02 5 P	P		11 01 44.7 +1.9
L18K	78.48 8 P	P		11 01 46.8 +1.3
STLK	78.53 10 Iamb	Iamb		11 01 46.5
KAIM	78.60 14 P	P		11 01 46.4 +0.3
M20K	78.67 9 P	P		11 01 47.3 +0.7
L19K	78.70 9 P	P		11 01 47.4 +0.7
V35K	78.70 23 P	P		11 01 46.1 -0.6
U33K	78.72 26 P	P		11 01 46.4 -0.6

2020 MAY

K17K	78.76 7 P	P		11 01 48.4 +1.4
EYAK	78.85 13 P	P		11 01 47.5 +0.1
GAMB	78.98 1 P	P		11 01 49.6 +1.5
SKT	79.03 10 P	P		11 01 49.0 +0.5
M22K	79.06 11 P	P		11 01 49.3 +0.7
J16K	79.08 6 P	P		11 01 50.6 +1.9
J17K	79.34 6 Iamb	Iamb		11 01 52.6
J17K	79.34 6 P	P		11 01 51.6 +1.5
BMR	79.48 14 P	P		11 01 51.3 +0.3
CUT	79.64 11 P	P		11 01 51.7 0.0
I17K	79.66 6 P	P		11 01 53.6 +1.8
L22K	79.67 10 Iamb	Iamb		11 01 53.0
L22K	79.67 10 P	P		11 01 51.9 -0.1
SCM	79.67 12 P	P		11 01 51.8 -0.3
PINM	79.80 16 P	P		11 01 52.3 -0.5
K20K	79.93 9 P	P		11 01 54.2 +0.8
TCUT	80.06 42 Iamb	Iamb		11 02 15.2
PV05	80.12 46 Iamb	Iamb		11 02 18.9
M24K	80.16 12 P	P		11 01 55.4 +0.7
H16K	80.27 5 P	P		11 01 56.7 +1.6
WAT6	80.27 12 P	P		11 01 55.8 +0.4
PV10	80.31 46 Iamb	Iamb		11 02 18.5
MA2	80.31 342 LR	LR		11 33 10.4
PV19	80.31 46 Iamb	Iamb		11 02 04.8
PV14	80.31 46 Iamb	Iamb		11 02 00.3
J19K	80.33 8 P	P		11 01 56.7 +1.2
PV18	80.33 46 Iamb	Iamb		11 02 19.4
PV20	80.34 46 Iamb	Iamb		11 01 59.3
WAT1	80.35 11 P	P		11 01 56.1 +0.5
PV23	80.36 46 Iamb	Iamb		11 02 01.6
TXAR	80.36 56 P	P		11 01 57.7 +1.1
TXAR	80.36 56 LR	LR		11 28 47.3
TXAR	80.36 56 P	P		11 01 55.9 -0.7
PV04	80.41 46 Iamb	Iamb		11 02 21.3
PV02	80.44 46 Iamb	Iamb		11 02 20.0
PV12	80.44 46 Iamb	Iamb		11 02 20.2
G15K	80.49 4 P	P		11 01 57.7 +1.4
N15W	80.56 34 LR	LR		11 32 43.7
ANMO	80.58 50 P	P		11 01 59.3 +1.5
ANMO	80.58 50 LR	LR		11 29 44.1
ANMO	80.58 50 P	P		11 01 58.9 +1.1
TRF	80.61 10 P	P		11 01 57.5 +0.3
CHUM	80.69 9 P	P		11 01 58.1 +0.8
J20K	80.70 8 Iamb	Iamb		11 01 59.6
J20K	80.70 8 P	P		11 01 58.5 +1.0
P30M	80.73 17 P	P		11 01 57.2 -0.6
KLR	80.73 327 LR	LR		11 32 33.6
H17K	80.76 6 P	P		11 01 59.1 +1.3
RND	80.82 11 Iamb	Iamb		11 01 59.9
GCSA	80.90 7 P	P		11 01 59.4 +1.0
G16K	81.00 5 P	P		11 02 00.6 +1.6
PAX	81.08 12 P	P		11 02 00.0 +0.4
MCK	81.11 11 Iamb	Iamb		11 02 00.4 +0.7
MCK	81.11 11 Iamb	Iamb		11 02 01.1
MCK	81.11 11 P	P		11 02 00.1 +0.4
M26K	81.11 14 Iamb	Iamb		11 02 01.7
M26K	81.11 14 P	P		11 02 00.3 +0.6
H16K	81.13 6 P	P		11 02 01.1 +1.4
F15K	81.16 4 P	P		11 02 01.5 +1.6
HYT	81.16 17 P	P		11 02 00.5 +0.3
YUK3	81.18 15 P	P		11 02 00.6 +0.3
BRWY	81.20 16 P	P		11 02 00.6 +0.3
G17K	81.25 5 P	P		11 02 01.7 +1.3
Q32M	81.26 20 P	P		11 02 00.6 -0.2
YUK4	81.28 16 P	P		11 02 01.3 +0.4
M27K	81.33 14 Iamb	Iamb		11 02 04.1
M27K	81.33 14 P	P		11 02 00.9 -0.1
O30N	81.51 17 P	P		11 02 03.0 +1.1
DLMT	81.52 38 Iamb	Iamb		11 02 11.1
S22A	81.56 47 Iamb	Iamb		11 02 26.1
L26K	81.58 13 P	P		11 02 02.9 +0.7
DLBC	81.62 21 P	P		11 02 02.4 -0.2
BVCY	81.62 15 P	P		11 02 02.8 +0.4
SNOW	81.67 41 Iamb	Iamb		11 02 11.3
H19K	81.70 7 Iamb	Iamb		11 02 04.7
H19K	81.70 7 P	P		11 02 03.9 +1.2
K24K	81.77 12 P	P		11 02 03.9 +0.7
G18K	81.82 6 P	P		11 02 03.8 +0.4
H18K	81.82 6 P	P		11 02 04.2 +0.8
G20K	81.86 8 P	P		11 02 04.8 +1.1
NEA2	81.88 10 Iamb	Iamb		11 02 04.9
RIDG	81.90 12 P	P		11 02 04.2 +0.3
L27K	81.96 14 P	P		11 02 04.9 +0.6
DOT	81.98 13 Iamb	Iamb		11 02 06.0
MLY	82.01 9 P	P		11 02 04.6 +0.2

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P33M	82.05 19 P	P		11 02 04.2 -0.6
PD31	82.08 42 P	P		11 02 05.7 +0.1
PDAR	82.08 42 P	P		11 02 05.7 +0.1
PDAR	82.08 42 LR	LR		11 32 03.4
HDA	82.09 11 Iamb	Iamb		11 02 06.3
HDA	82.09 11 P	P		11 02 05.2 +0.3
YHL	82.11 39 Iamb	Iamb		11 02 26.6
F17K	82.12 5 Iamb	Iamb		11 02 08.4
F17K	82.12 5 P	P		11 02 06.3 +1.4
G19K	82.22 6 Iamb	Iamb		11 02 07.8
G19K	82.22 6 P	P		11 02 06.7 +1.2
M29M	82.25 15 P	P		11 02 06.4 +0.5
SCRK	82.28 12 P	P		11 02 07.0 +1.0
SCRK	82.28 12 P	P		11 02 06.5 +0.6
H21K	82.29 8 Iamb	Iamb		11 02 11.3
H21K	82.29 8 P	P		11 02 06.2 +0.3
I23K	82.34 10 Iamb	Iamb		11 02 07.0
I23K	82.34 10 P	P		11 02 06.4 +0.3
COLA	82.35 11 P	P		11 02 07.6 +1.5
F18K	82.41 5 P	P		11 02 07.5 +1.1
IL31	82.43 11 P	P		11 02 06.3 -0.3
ILAR	82.43 11 P	P		11 02 06.7 +0.1
ILAR	82.43 11 P	P		11 02 06.8 +0.2
J25K	82.57 12 Iamb	Iamb		11 02 09.1
J25K	82.57 12 P	P		11 02 07.9 +0.4
POKR	82.64 11 P	P		11 02 08.1 +0.4
E17K	82.71			

5d 11h

2020 MAY

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like ESSJ, RCPN, COPN, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like W35A, U49A, DKNS, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details. Includes stations like AFI, RAR, PPT, etc.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like AB31 Akbulak array, ARCES ARCESS Array B, etc.

Station coordinates and parameters:
IDC 05 11:40:31.9, 0.5, 34°15'N, 25°64'E, h0km, mb4.4/25,
bmlp4.4/39, ML3.8/13, MS3.5/15, Error ellipse:
s-maj=1.15km s-min=9.7km az=31.0
MOS 05 11:40:32.5, 1.0, 34°20'N, 25°61'E, h12km, mb4.7/27, Error ellipse:
s-maj=7.2km s-min=3.9km az=84.3
NEIC 05 11:40:34.1, 1.0, 34°12'N, 0°08'25.61E, h10km, 1km, mb4.6/135, Error ellipse:
s-maj=14.2km s-min=10.7km az=181.0
MCSM 05 11:40:36.1, 0.6, 34°N, 5°2'6E, h20km, 3km, mb4.5, mb5.0, MLV4.4, Mw(mb)3.4
THE 05 11:40:38.3, 34°19'2.6E, 1°4, h4km, 18km, M3.8/6, ML3.8/6
GII 05 11:40:38.8, 0.0, 34°9'16N, 0°02'26.012E, 0.0, 1h0km, Mw3.8, M3.5, confirmed
ATH 05 11:40:40.1, 0.6, 34°53'N, 25°63'E, h10km, ML3.8/9, Latitude uncertainty: 4 km; Longitude uncertainty: 2 km
ISC 05 11:40:32.9, 1.2, 34°11'N, 0°04'25.69E, 0.03, h5km, 7km, n557, s1927/547, mb4.5/113, MS3.3/10, 13C-12D, Crete

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like ZKR Zakros, SIZ Siteia, NPS Neapolis, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like KZIT Kziot, MMTZ Mount Meron ar, AMAZ Amatzia, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like KIV Kislovodsk, KVAR Kislovodsk Arr, KBZ Khabaz, etc.

2020 MAY

5d 11h

Table with multiple columns containing station names (e.g., MNK, DBIC, D25K), coordinates, and various numerical data points. The table is organized into several vertical sections.

G21K	Allakaket comp=Z,4.1nm,0.9s	79.69 360	I Amb	I Amb	11 52 44.5
G21K	Allakaket baz=5.5	79.69 360	P	P	11 52 41.3 +0.0
I30M	Mount Dempster comp=Z,8.7nm,1.2s	80.01 352	I Amb	I Amb	11 52 45.6
I30M	Mount Dempster baz=5.5,SNR=9.5	80.01 352	P	P	11 52 42.8 -0.3
G19K	Purcell Mounta baz=35	80.05 1	P	P	11 52 43.4 +0.2
I29M	Ogilvie Camp, baz=14,SNR=11	80.07 353	P	P	11 52 43.4 +0.1
I27K	Kandik River comp=Z,7nm,0.9s	80.12 355	I Amb	I Amb	11 52 46.9
I27K	Kandik River baz=11	80.12 355	P	P	11 52 43.4 -0.2
I28M	Miner Creek baz=12	80.14 354	P	P	11 52 43.8 0.0
I15K	North Star Dit baz=351	80.18 4	P	P	11 52 44.0 +0.1
H24K	Noodor Dome baz=351	80.25 357	P	P	11 52 44.3 0.0
G18K	Tagagawik baz=5.6	80.26 2	P	P	11 52 44.6 +0.3
H22K	Ishlaltina Cre baz=2.5,SNR=6.1	80.30 359	P	P	11 52 44.8 +0.3
F14K	Arctic Creek comp=Z,3.7nm,0.5s	80.30 5	P	P	11 52 44.5 +0.0
H33K	Yukon River comp=Z,9.2nm,1.4s	80.32 358	I Amb	I Amb	11 52 46.9
H23K	Yukon River baz=4	80.32 358	P	P	11 52 44.5 -0.2
PRP	Porcupine Dome baz=7.4	80.46 356	P	P	11 52 45.6 0.0
I26K	Coal Creek Min baz=9	80.53 355	P	P	11 52 45.8 +0.1
H12K	Melozitina Rive baz=1.3	80.55 359	P	P	11 52 45.3 -0.6
G17K	Kiwalik Mounta baz=355	80.59 3	P	P	11 52 45.7 -0.3
G16K	Koyuk River baz=353	80.62 3	P	P	11 52 46.0 -0.3
J30M	Hart River baz=15,SNR=18	80.63 352	P	P	11 52 46.2 -0.3
H19K	Roundabout Mou comp=Z,3.7nm,0.6s	80.67 1	I Amb	I Amb	11 52 49.9
H19K	Roundabout Mou baz=358	80.67 1	P	P	11 52 46.4 -0.1
H20K	Antotenega Mo baz=360	80.72 0	P	P	11 52 46.8 0.0
FFC	Flin Flon comp=Z,4.3nm,0.9s	80.76 332	P	P	11 52 47.4 +0.2
FFC	Flin Flon comp=Z,4.0nm,1.0s	80.76 332	P	P	11 52 47.4 +0.2
G15K	Niukuk baz=352	80.93 4	P	P	11 52 47.7 -0.2
POKR	Poker Plat Res baz=5.8	80.95 357	P	P	11 52 48.0 0.0
I23K	Minto, Yukon-K comp=Z,6.2nm,1.4s	80.99 358	I Amb	I Amb	11 53 12.0
I23K	Minto, Yukon-K baz=4	80.99 358	P	P	11 52 48.5 +0.3
H18K	Honhosa River comp=Z,9.3nm,1.4s	81.01 2	I Amb	I Amb	11 53 11.5
H18K	Honhosa River baz=357	81.01 2	P	P	11 52 48.4 0.0
MLY	Manley baz=3.0	81.15 358	P	P	11 52 49.0 -0.1
H17K	Granite Mounta baz=355	81.18 2	P	P	11 52 49.4 +0.1
ANM	Nome baz=351	81.27 5	P	P	11 52 49.9 +0.2
ILAR	Eielson Array comp=Z,1.1nm,0.7s	81.28 357	P	P	11 52 49.5 -0.2
ILAR	Eielson Array comp=Z,1.1nm,0.7s,baz=348,slow=3.6,SNR=12	81.28 357	eP	eP	11 52 49.3 -0.1
ILAR	Eielson Array comp=Z,1.5nm,0.5s	81.28 357	pmax	pmax	11 52 49.7 -0.1
J25K	Salchu River, baz=7.5	81.36 356	P	P	11 52 50.1 -0.2
H16K	Elim baz=353	81.38 3	P	P	11 52 50.8 +0.5
I20K	Naagheadneel baz=369	81.42 0	P	P	11 52 50.7 +0.2
ULM	Lac du Bonnet comp=Z,1.5nm,0.5s	81.42 326	P	P	11 52 49.9 +0.0
ULM	Lac du Bonnet comp=Z,2.0nm,0.5s	81.42 326	pmax	pmax	11 52 49.4 -1.4
GCSA	Galena City Sc baz=358	81.45 1	P	P	11 52 51.3 +0.6
GAMB	Gambell baz=346	81.47 8	P	P	11 52 51.3 +0.5
K29M	Barlow Dome comp=Z,5.9nm,1.3s	81.47 353	I Amb	I Amb	11 52 57.4
K29M	Barlow Dome baz=14	81.47 353	P	P	11 52 51.4 +0.4
NEA2	Nenana baz=4.5	81.54 358	P	P	11 52 51.6 +0.4
H2K	Harding Lake baz=6	81.64 357	P	P	11 52 52.3 +0.6
H7A	Chickening baz=17	81.71 355	I Amb	I Amb	11 52 55.7
MMPY	Sheldon Lake comp=Z,8.2nm,1.1s	81.84 349	I Amb	I Amb	11 52 56.8
SCRK	Sand Creek baz=8.7	81.90 355	P	P	11 52 53.6 +0.3
J20K	Nowinta River comp=Z,4.2nm,0.8s	82.05 360	I Amb	I Amb	11 52 57.2
J20K	Nowinta River baz=0.2	82.05 360	P	P	11 52 54.5 +0.6
BPAW	Bear Paw Mtn. comp=Z,3.7nm,0.8s	82.09 359	I Amb	I Amb	11 52 56.5
BPAW	Bear Paw Mtn. baz=2.8	82.09 359	P	P	11 52 54.4 +0.3
K24K	Donnelly Dome baz=7.2	82.18 356	P	P	11 52 54.8 +0.2
RIDG	Independent Ri baz=8.0	82.19 356	P	P	11 52 54.8 +0.1
I17K	Unalakleet baz=355	82.20 3	P	P	11 52 54.9 +0.3
J19K	Poorman comp=Z,3.2nm,0.8s	82.22 1	I Amb	I Amb	11 52 58.3
J19K	Poorman baz=359	82.22 1	P	P	11 52 55.3 +0.5
DOT	Dot Lake comp=Z,5.3nm,1.0s	82.23 355	I Amb	I Amb	11 52 58.3
L29M	L29M comp=Z,3.9nm,0.9s	82.25 353	I Amb	I Amb	11 52 58.5
L29M	L29M baz=14	82.25 353	P	P	11 52 55.6 +0.6
CHUM	Lake Minchumin baz=1.7	82.33 359	P	P	11 52 55.6 +0.4
MCK	McKinley baz=4.5	82.40 358	P	P	11 52 56.1 +0.4
M30M	Minto, Yukon baz=15	82.62 352	P	P	11 52 57.1 +0.1
BCAR	Beaver Creek baz=14	82.64 354	P	P	11 52 57.3 +0.3
L27K	Beaver Creek, comp=Z,4.0nm,0.8s	82.65 354	I Amb	I Amb	11 53 00.7
L27K	Beaver Creek, baz=10	82.65 354	P	P	11 52 57.5 +0.5
M31M	Drury Creek, Y baz=1.7	82.69 351	P	P	11 52 57.6 +0.3
TRF	Thorofare Moun baz=3	82.72 358	P	P	11 52 57.8 +0.1
J17K	VABM Dome comp=Z,4.3nm,0.9s	82.75 2	I Amb	I Amb	11 53 28.4
J17K	VABM Dome baz=36	82.75 2	P	P	11 52 58.2 +0.6
L26K	Log Cabin Wild baz=9.6	82.80 355	P	P	11 52 58.4 +0.5
J16K	Anvik River baz=355	82.81 3	P	P	11 52 58.4 +0.5
K20K	Telida baz=0.3	82.87 360	P	P	11 52 58.7 +0.6
M29M	Somme Creek baz=13	82.94 353	P	P	11 52 59.4 +0.8
DHY	Denali Highway baz=5.8	82.99 357	P	P	11 52 58.7 -0.3
PAX	Paxson baz=7.4	83.00 356	P	P	11 52 59.5 +0.6
J14K	Nanvranak Lak baz=392	83.19 4	P	P	11 53 00.2 +0.5

BVCY	Beaver Creek baz=11	83.20 354	P	P	11 52 60.0 0.0
WAT1	Susitna Watana baz=4.9	83.29 357	P	P	11 53 00.8 +0.5
PPLA	Purkile baz=1.8	83.32 359	P	P	11 53 00.8 +0.2
M27K	Edge Creek, AK baz=10	83.35 354	P	P	11 53 01.0 +0.1
M26K	Nabesna, AK baz=10	83.39 355	P	P	11 53 01.5 +0.5
K17K	Iditarod baz=12	83.46 2	P	P	11 53 01.4 +0.2
K17K	Iditarod baz=357	83.46 2	P	P	11 53 01.6 +0.4
WAT6	Susitna Watana baz=5.5	83.50 357	P	P	11 53 01.9 +0.2
N32M	Quiet Lake baz=18	83.51 350	P	P	11 53 01.6 0.0
N31M	Braeburn, Yuko baz=15	83.56 351	P	P	11 53 01.8 0.0
N30M	Aishik Lake baz=14	83.75 352	P	P	11 53 02.3 -0.5
K15K	Wolf Creek Mou baz=15	83.76 3	P	P	11 53 03.0 +0.2
CUT	Chulitna baz=35	83.77 358	P	P	11 53 02.8 0.0
YUK3	Moose Creek baz=12	83.80 353	P	P	11 53 03.2 -0.1
K13K	Talbot Mount baz=351	83.93 5	P	P	11 53 04.1 +0.5
L18K	Granite Mounta baz=358	83.99 1	P	P	11 53 04.1 +0.2
YUK4	Talbot Arm baz=13	84.03 352	P	P	11 53 04.0 -0.5
BRWY	Burwash Landin baz=13	84.05 353	P	P	11 53 04.7 +0.4
YUK8	Steele Glacier baz=13	84.21 353	P	P	11 53 05.4 0.0
WHY	Whitehorse baz=16	84.24 351	P	P	11 53 05.5 +0.1
O30N	Mendenhall baz=15	84.29 351	P	P	11 53 05.7 +0.1
P33M	Teslin, Yukon comp=Z,3.7nm,0.9s	84.37 349	I Amb	I Amb	11 53 10.0
P33M	Teslin, Yukon baz=16	84.37 349	P	P	11 53 06.2 +0.2
L15K	Unalak Mounta baz=354	84.38 3	P	P	11 53 06.2 +0.3
YUK6	Outpost Mounta baz=13	84.39 352	P	P	11 53 06.3 0.0
MCAR	McCarthy VSAT baz=9.4	84.41 355	P	P	11 53 06.6 +0.5
HYT	Haines Junctio baz=14	84.41 352	P	P	11 53 06.7 +0.4
KLU	Klutina baz=7.0	84.50 356	P	P	11 53 06.5 -0.1
PMR	Palmer baz=4.4	84.55 358	P	P	11 53 06.5 -0.2
CRQE	Cirque baz=15	85.03 354	P	P	11 53 09.0 -0.4
O29M	Mount Kennedy baz=13	85.04 352	P	P	11 53 08.9 -0.6
P32M	Atlin baz=17	85.10 350	P	P	11 53 09.4 -0.3
M16K	Timber Creek baz=356	85.14 2	P	P	11 53 09.8 0.0
M14K	Bethel baz=354	85.28 4	P	P	11 53 10.5 +0.1
M11K	Melnyuk baz=350	85.34 6	P	P	11 53 10.9 +0.1
M15K	Kasigluk River baz=35	85.39 3	P	P	11 53 11.2 +0.2
P1NM	Pinnacle baz=12	85.43 353	P	P	11 53 11.3 0.0
Q32M	Nakina River baz=18	85.48 349	P	P	11 53 11.6 -0.2
MESA	MESA baz=10	85.51 354	P	P	11 53 11.6 -0.3
M13K	Dall Lake baz=353	85.53 4	P	P	11 53 11.8 +0.2
N18K	Kilae Creek baz=359	85.58 1	P	P	11 53 12.0 +0.1
DLBC	Dease Lake baz=20	85.59 347	P	P	11 53 12.2 +0.1
PLBC	Pleasant Camp baz=15	85.60 351	P	P	11 53 12.5 +0.4
P29M	Windy Craggy baz=14	85.60 352	P	P	11 53 12.6 +0.5
MJ9A	Matushiro Arr comp=Z,3.1nm,0.9s,baz=307,slow=5.6,SNR=8.9	85.70 48	P	P	11 53 12.8 -0.2
MJ9A	Matushiro Arr comp=Z,3.1nm,0.9s	85.70 48	I Amb	I Amb	11 53 13.1 0.0
MJ9A	Matushiro Arr comp=Z,4.6nm,1.1s	85.70 48	P	P	11 53 13.1 0.0
MJ9A	Matushiro Arr comp=Z,5.0nm,1.1s	85.70 48	pmax	pmax	11 53 13.1 0.0
MJ9A	Matsu Arr-Jizo baz=10	85.72 48	eP	eP	11 53 12.9 -0.3
MJ9A	Matsu Arr-Jizo comp=Z,3.0nm,0.9s	85.72 48	pmax	pmax	11 53 12.9 -0.3
ECSD	ERS Data Cent comp=Z,0.2nm,0.5s	86.38 322	I Amb	I Amb	11 53 17.7
PDAR	Pinedale Array comp=Z,0.2nm,0.5s,baz=101,slow=7.7,SNR=2.2	93.23 329	P	P	11 53 48.5 -0.3
WRA	Warramunga Arr comp=Z,0.5nm,0.8s,baz=307,slow=1.6,SNR=2.5	116.03 97	PKPdf	PKPdf	11 59 17.0 -0.4
ASAR	Alice Springs comp=Z,1.2nm,1.1s,baz=342,slow=4.6,SNR=4.9	117.42 101	PKPdf	PKPdf	11 59 19.8 -0.3
QSPA	South Pole Qui comp=Z,3.0nm,1.1s,baz=290,slow=2.6,SNR=4.7	123.97 180	PKPdf	PKPdf	11 59 30.8 -0.5

1DC 05 12:02:30.8±0.5, 13:50N±90.62W, h0km, mb4.6/26,
mbmp4.6/29, ML4.0/4, MS5.0/52, Error ellipse:
s-maj=20.5km s-min=9.2km az=51.0

GCG 05 12:02:30.5±2.1, 13:04N±91.32W, h13km, 16km, MD5.4,
m5.4, Presumed earthquake

CATAC 05 12:02:30.8±0.3, 13°13'29" 1W, h10km, M5.3/49,
m5.5/6, mB5.8/7, MLV5.3/49, Mw(mB)5.3/7, MwMwp5.2/4,
Mw5.5/4, Error ellipse: s-maj=4.7km s-min=2.6km

az=35.6, Moment Tensor Solution. Moment tensor: Scale
10¹⁷Nm; Mr:1.80; Mw:1.60; Ms:0.11; Mv:0.65;

Mw-0.06; Fault plane solution: Ms1.83161x10¹⁷ NP1:
φ=114.53838°, δ=43.88911°, λ=94.60408°. NP2:
φ=288.16255°, δ=34.28848°, λ=85.58461°. Principal axes: T

1.8027, Plg66.5907°, Azm131.8977°; N 0.0565,
Plg3.1901°, Azm291.2169°; P -1.8592, Plg1.2015°,

Azm21.2638°, confirmed
MOS 05 12:02:30.9±1.2, 13°38'N±90.90W, h10km, mb5.4/18,
MS5.2/5, Error ellipse: s-maj=10.7km s-min=6.5km

GFZ 05 12:02:32.8, 13°34'N±91°06'W, h10km, MWV5.5, Moment
Tensor Solution. s89 Moment tensor: Mr:1.58;
Mw:1.19; Ms:0.39; Mv:1.42; Mw:0.55; Mw:0.81; Fault
plane solution: NP1:φ=118.00000°, δ=68.00000°,
λ=91.00000°. NP2:φ=295.00000°, δ=21.00000°, λ=86.00000°.

Principal axes: T 2.2900, Plg66.0000°, Azm31.0000°; N
-0.1100, Plg1.0000°, Azm298.0000°; P -2.1800,
Plg23.0000°, Azm207.0000°.

NEIC 05 12:02:30.2±1.1, 13°28'N±91°12'W, h0.07, h8km, 1km,
m5.2/15, Mw5.5/145, Mw5.5/81, Error ellipse:
s-maj=14.7km s-min=8.4km az=218.0, Moment Tensor
Solution. Moment tensor: Scale 10¹⁷Nm; Mr:1.46;
Mw:0.71; Ms:0.75; Mv:1.18; Mw:1.04; Mw:0.57; Fault
plane solution: Ms2.10000x10¹⁷ NP1:φ=331.88000°,
δ=28.14000°, λ=116.88000°. NP2:φ=121.99000°, δ=65.13000°,
λ=76.41000°. Principal axes: T 1.9878, Plg67.0000°,
Azm7.0000°; N 0.2099, Plg12.0000°, Azm128.0000°; P
-2.1976, Plg19.0000°, Azm222.0000°;

PTWC 05 12:02:32, 13°10'N±91°30'W, h10km, Mw5.6/10
ISC-PP 05 12:02:32, 13°28'N±91°12'W, h2km, Mw5.5/8, Moment
Tensor Solution. s89 Moment tensor: Scale 10¹⁷Nm;
Mr:0.61±22; Mw:0.16±24; Ms:0.47±20; Mw:0.15±18;
Mw:0.21±34; Mw:0.38±20; Fault plane solution:
Ms7.41000x10¹⁷ NP1:φ=224.90000°, δ=38.50000°,
λ=107.30000°. NP2:φ=23.10000°, δ=53.50000°, λ=76.60000°.

NEIC 05 12:02:33, 13°27'N±91°15'W, h8km
GCMT 05 12:02:36.0±0.1, 13°19'N±91°38'W, h0.01, h12km,
MW5.5/142, Moment Tensor Solution. s123,c214,
s142,c302; Duration: 1s4 Moment tensor: Scale 10¹⁷

Nm; Mr:1.75±0.2; Mw:1.39

5nd 12h

Table with columns for station name, frequency, power, and other technical details. Includes stations like CNGN, CNGN Cerro Negro, CNGN Cerro Negro, CNGN El Madrono, etc.

2020 MAY

Table with columns for station name, frequency, power, and other technical details. Includes stations like ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like V58A Windy Hill, U56A King, R40A Madelita Matco, etc.

TPO	Tropico Hills	32.64 316	I	Amb	12 09 08.0
FURC	Furnace Creek	32.69 320	I	Amb	12 09 18.5
RSSD	Black Hills	32.71 343	P	P	12 09 04.8 -0.2
RSSD	Black Hills	32.71 343	P	P	12 09 04.8 -0.2
CLC	China Lake	32.76 318	I	Amb	12 09 09.2
57A	Williamstown	32.77 211	I	Amb	12 09 06.5
CTU	Camp Tracy	32.79 330	I	Amb	12 09 17.4
PECO	Prince Edward	32.91 19	I	Amb	12 09 08.2
DUG	Dugway, Tooele	32.94 329	I	Amb	12 09 12.9
SADOW	Sadowa	33.05 16	LR	LR	12 23 24.4
SADO	Sadowa	33.05 16	I	Amb	12 09 11.2
ISA	Isabella, Lake	33.25 317	I	Amb	12 09 15.1
BHWU	Hardware Ranch	33.41 332	I	Amb	12 09 28.4
CWC	Cottonwood Cre	33.45 318	I	Amb	12 09 24.4
PDAR	Pinadale Array	33.47 335	P	P	12 09 12.6 +0.9
PDAR	Pinadale Array	33.47 335	P	P	12 11 53.5 +0.8
PDAR	Pinadale Array	33.47 335	P	P	12 15 39.4 +2.9
PDAR	Pinadale Array	33.47 335	P	P	12 09 11.9 +0.2
SPU	South Promonto	33.60 330	I	Amb	12 09 29.7
DSP	Deep Springs	33.94 320	I	Amb	12 09 33.3
AHID	Auburn Hatcher	34.12 333	I	Amb	12 09 33.2
MACA	Manacapurua-AM	34.32 116	P	P	12 09 19.5 +0.4
MACA	Manacapurua-AM	34.32 116	P	P	12 09 19.7 +0.6
WBO	Williamsburg	34.42 20	I	Amb	12 09 20.8
SNOW	Snow King Moun	34.54 334	I	Amb	12 09 34.0
ELK	Elko	34.60 327	LR	LR	12 24 19.3
ELK	Elko	34.60 327	I	Amb	12 09 32.1
LOHW	Long Hollow	34.60 335	I	Amb	12 09 33.4
EYMH	Ely	34.61 360	I	Amb	12 09 20.5
MDPB	Devils Postpil	34.80 319	I	Amb	12 09 39.8
NVAR	Minna Array Bea	34.80 321	P	P	12 09 25.2 +1.9
NVAR	Minna Array Bea	34.80 321	P	P	12 11 56.3 -0.2
NVAR	Minna Array Bea	34.80 321	P	P	12 11 56.8 +4.5
NVAR	Minna Array Bea	34.80 321	P	P	12 26 08.5
NVAR	Minna Array Bea	34.80 321	P	P	12 09 22.7 -0.6
NVAR	Minna Array Bea	34.80 321	P	P	12 09 28.6
MDND	Maddock	35.23 350	I	Amb	12 09 29.4
TBO	Thunder Bay	35.34 2	I	Amb	12 09 28.5
MNTO	Montreal, Queb	35.42 21	I	Amb	12 09 45.1
WAKR	Walker	35.55 320	I	Amb	12 09 34.3
TRQ	Mont Tremblant	35.73 20	I	Amb	12 09 31.5
PNTR	Pine Nut	36.01 321	I	Amb	12 09 50.3
HLID	Hailey	36.26 331	I	Amb	12 09 52.2
MHC	Mount Hamilton	36.30 317	I	Amb	12 09 40.1
EPLO	Experimental L	36.40 357	I	Amb	12 09 37.3
MFID	Camas Ranch	36.83 329	I	Amb	12 09 52.2
DLMT	Dillon	36.85 335	I	Amb	12 09 57.4
BEKR	Beckworth	36.95 321	I	Amb	12 09 45.7
LPAZ	La Paz	37.10 142	P	P	12 09 44.0 +0.4
LPAZ	La Paz	37.10 142	P	P	12 09 43.6 0.0
LPAZ	La Paz	37.10 142	P	P	12 09 43.6 0.0
LPAZ	La Paz	37.10 142	P	P	12 09 44.0 +0.4
ULM	Lac du Bonnet	37.12 355	P	P	12 09 40.6 -2.0
ULM	Lac du Bonnet	37.12 355	P	P	12 12 02.9 0.0
ULM	Lac du Bonnet	37.12 355	P	P	12 09 45.5
ULM	Lac du Bonnet	37.12 355	P	P	12 09 40.4 -2.2
CVS	Carment Viney	37.39 318	I	Amb	12 09 57.1
SUTB	Sutter	37.46 319	I	Amb	12 09 57.5
MNRC	McLaughlin Min	37.68 318	I	Amb	12 10 06.1
PB16	IPOC Station P	37.92 145	P	P	12 09 49.5 -0.9
O03E	Paynes Creek	38.09 321	I	Amb	12 10 01.4
HOPS	Hopland Field	38.15 318	I	Amb	12 10 03.9
HATC	Hat Creek Radi	38.19 322	I	Amb	12 10 23.4
MDP	Montagnes des	38.79 96	LR	LR	12 29 20.7
KMCP	Cahto Peak	38.86 319	I	Amb	12 10 02.1
M03K	McCloud	38.87 322	I	Amb	12 10 09.2
K05A	Summer Lake	39.05 324	I	Amb	12 10 44.0
KMRM	Mali Ridge	39.24 319	I	Amb	12 10 04.8
ITTB	Iitaiwa	39.24 114	eP	P	12 09 59.7 -1.3
F10A	Beach Ranch, E	39.39 331	I	Amb	12 10 17.5
K04D	Chiloquin, OR	39.48 324	I	Amb	12 10 15.4
YBH	Yreka Blue Hor	39.59 322	LR	LR	12 26 40.7
L04D	Klamath Falls	39.59 323	I	Amb	12 10 07.7
KMPM	Mount Pierce	39.61 319	I	Amb	12 10 23.5
KHMM	Horse Mountain	39.62 320	I	Amb	12 10 08.3
PINE	Pine Mountain	39.77 326	I	Amb	12 10 16.1
KRPM	Rodgers	39.97 320	I	Amb	12 10 24.3
BBOR	Butler Butte	40.18 323	I	Amb	12 10 20.4
VILB	Vilhena	40.20 129	I	Amb	12 10 18.2
VILB	Vilhena	40.20 129	eP	P	12 10 08.5 -0.5
WIFE	Three Sisters-	40.42 325	I	Amb	12 10 23.7
G06A	Carlson Farm	40.56 328	I	Amb	12 10 23.0
I04A	Tendick Farm,	40.59 325	I	Amb	12 10 24.1
NPGB	Novo Progresso	40.83 117	eP	P	12 10 12.6 -1.7
H04A	Detroit Lake	41.03 326	I	Amb	12 10 29.3
NEW	Newport	41.06 334	LR	LR	12 31 01.6
WAHZ	Wahluke Slope	41.08 330	I	Amb	12 10 26.6

HOOD	Mount Hood Mea	41.16 327	P	P	12 10 17.4 +0.7
MXC	Moxie City	41.31 329	I	Amb	12 10 29.6
SIV	San Ignacio	41.54 133	P	P	12 10 19.0 -1.0
SIV	San Ignacio	41.54 133	LR	LR	12 25 31.6
COR	Corvallis	41.58 325	P	P	12 10 20.9 +0.9
COR	Corvallis	41.58 325	P	P	12 10 20.9 +0.9
LTY	Liberty	41.97 330	I	Amb	12 10 35.5
LON	Longmire	42.19 328	I	Amb	12 10 36.4
AF01	San Pedro de A	42.40 148	I	Amb	12 10 32.5
CLDB	Colider	42.45 123	eP	P	12 10 27.2 -0.3
D05A	Enunclaw	42.57 329	I	Amb	12 10 51.4
PTLB	Pointe s Lacer	42.58 131	P	P	12 10 28.2 -0.2
PTLB	Pointe s Lacer	42.58 131	eP	P	12 10 28.4 +0.1
BBSD	Serra de San D	42.68 134	eP	P	12 10 28.4 -0.9
EDM	Edmonton	43.63 341	I	Amb	12 10 38.5
RPN	Rapa Nui	43.85 204	LR	LR	12 24 09.9
B04A	Port Angeles	43.92 329	I	Amb	12 10 53.6
LLBL	Lillooet	44.89 332	I	Amb	12 10 57.9
AC02	Maricunga	45.00 152	I	Amb	12 11 08.3
PRPB	Parauapebas	45.32 113	eP	P	12 10 51.1 +0.5
SALV	Santo Antonio	45.44 128	eP	P	12 10 50.9 -0.6
SCHQ	Schnefeld	45.65 19	P	P	12 10 49.4 -3.2
CBB	Campbell River	46.14 330	I	Amb	12 11 21.3
LCO	Las Campanas	46.40 155	P	P	12 10 59.9 +0.7
LCO	Las Campanas	46.40 155	P	P	12 10 59.9 +0.7
SNDB	Serra Nova Dou	46.77 121	eP	P	12 11 02.7 +0.7
PP1B	Ponta de Pedra	47.09 130	eP	P	12 11 03.9 -0.6
BDQN	Bodoqueua, MS	47.56 134	eP	P	12 11 07.0 -1.0
H03N2	Juan Fernandez	47.84 166	T	T	13 02 44.5
H03N1	Juan Fernandez	47.85 166	T	T	13 02 50.8
H03N3	Juan Fernandez	47.86 166	T	T	13 02 45.0
KUQ	Kuujuaana	47.96 16	P	P	12 11 08.7 -1.9
AQDB	Aquidauana	48.32 133	I	Amb	12 11 15.5
AQDB	Aquidauana	48.32 133	eP	P	12 11 14.9 +1.0
ARAC	Araguainia, MT	48.35 125	eP	P	12 11 13.1 -1.1
SMTB	Santa Maria do	48.48 115	eP	P	12 11 15.8 +0.5
CZ5B	Chapada do Su	48.34 129	eP	P	12 11 21.9 +0.1
ZON	Zonda	49.46 155	I	Amb	12 11 26.8
CFA	Coronel Fontan	49.64 154	P	P	12 11 24.8 +0.5
VA03	San Esteban	49.78 157	I	Amb	12 11 28.9
AMBA	Amambai (Brazi	50.43 135	eP	P	12 11 29.1 -1.0
MT08	Bocatomora	50.59 157	I	Amb	12 11 44.5
BO01	Tunca	50.15 159	I	Amb	12 11 46.7
BLKN	Baker Lake	51.13 357	I	Amb	12 11 50.9
CPUP	Villa Florida	51.25 140	P	P	12 11 34.4 -1.7
CPUP	Villa Florida	51.25 140	P	P	12 11 34.9 -1.2
CPUP	Villa Florida	51.25 140	P	P	12 11 34.9 -1.2
CPUP	Villa Florida	51.25 140	P	P	12 11 34.5 -1.6
BDFB	Brasilia	51.39 123	P	P	12 11 35.0 -2.4
BDFB	Brasilia	51.39 123	P	P	12 34 10.8
BDFB	Brasilia	51.39 123	P	P	12 11 37.7 +0.2
BDFB	Brasilia	51.39 123	P	P	12 11 47.8
YKAW1	Yellowknife Wh	51.93 346	P	P	12 11 40.0 -0.7
YKAW1	Yellowknife Ar	51.97 346	P	P	12 12 53.8 +0.6
YKA	Yellowknife Ar	51.97 346	P	P	12 11 40.0 -1.0
YKA	Yellowknife Ar	51.97 346	P	P	12 12 53.6 +0.3
YKA	Yellowknife Ar	51.97 346	P	P	12 36 24.5
YKA	Yellowknife Ar	51.97 346	P	P	12 11 39.6 -1.4
TRCB	Terra Rica	51.99 133	eP	P	12 11 40.9 -0.9
YKAW3	Yellowknife Wh	52.03 346	I	Amb	12 11 45.6
NBPS	Pedro II - PI	52.33 106	eP	P	12 11 44.9 +0.3
V35K	Ketchikan	52.42 332	eP	P	12 11 46.5 +2.0
SDBA	SAO DESIDERIO	52.43 117	eP	P	12 11 44.3 -1.0
IPMB	Ipanerri, GO	52.48 125	eP	P	12 11 46.0 +0.5
T35M	Bob Quinn	52.85 334	I	Amb	12 12 18.5
T35M	Bob Quinn	52.85 334	P	P	12 11 49.3 +1.6
FRB	Frisher Bay	52.87 12	LR	LR	12 35 05.2
BI02	San Fabin de	53.04 160	P	P	12 11 51.1 +1.7
BI02	San Fabin de	53.04 160	I	Amb	12 11 52.6
CRAG	Craig	53.20 332	P	P	12 11 52.2 +2.0
NBMO	Morrinhos-CE	53.29 104	eP	P	12 11 51.0 -0.6
US3K	Whale-Cass	53.58 332	P	P	12 11 54.8 +0.6
PTBG	Pitanga	53.62 135	eP	P	12 11 53.6 -0.3
DLBC	Dease Lake	53.70 336	P	P	12 11 55.4 +1.4
S34M	Telegraph Cree	53.81 335	I	Amb	12 12 12.0
S34M	Telegraph Cree	53.81 335	P	P	12 11 56.5 +1.8
T33K	Petersburg	53.92 333	P	P	12 11 57.1 +1.7
BB19B	Bebedouro	53.96 129	eP	P	12 11 57.1 +0.7
JANB	Januarja	54.18 120	eP	P	12 11 59.1 +1.0
PMNB	Patos De Minas	54.19 125	eP	P	12 11 57.3 -0.9
WTLY	Watson Lake, Y	54.35 338	I	Amb	12 12 14.7
FRTB	Fartura	54.54 132	eP	P	12 11 59.3 -1.3
PSAL	Palomas, Salto	54.57 144	eP	P	12 12 00.5 -0.1
R33M	Jennings River	54.69 336	I	Amb	12 12 21.5
R33M	Jennings River	54.69 336	P	P	12 12 02.8 +1.5
WRGLY	Wrigley	54.87 343	I	Amb	12 13 06.8
Q32M	Nakina River	54.94 335	I	Amb	12 12 10.0
Q32M	Nakina River	54.94 335	P	P	12 12 04.9 +1.7
SIT	Sitka	55.12 332	P	P	12 12 05.9 +1.7
R32K	Eaglecrest	55.46 334	P	P	12 12 08.3 +1.6
RCLB	Rio Claro- Sao	55.50 129	eP	P	12 12 07.0 -0.6
P92M	Atlin	55.91 335	P	P	12 12 11.4 +1.4
P33M	Teslin, Yukon	55.94 336	P	P	12 12 11.3 +1.1
S31K	Pelican	56.03 333	I	Amb	12 12 18.0
S31K	Pelican	56.03 333	P	P	12 12 12.3 +1.5

LR05	Currie	56.08 162	P	P	12 12 11.0 -0.2
LR05	Currie	56.08 162	I	Amb	12 12 18.3
DIAM	Diamantina, MG	56.31 123	eP	P	12 12 13.0 -0.5
ILON	Igloolik, Nuna	56.41 4	I	Amb	12 12 11.6 -1.7
ILON	Igloolik, Nuna	56.41 4	I	Amb	12 12 13.1
SKAG	Skagway	56.50 335	P	P	12 12 15.1 +1.0
CPBS	Capoeva Do Su	56.54 141	eP	P	12 12 14.9 +0.1
N32M	Quiet Lake	56.63 337	P	P	12 12 15.9 +0.9
PET01	Itanhaem-SP	56.78 131	eP	P	12 12 16.7 +0.1
BSCB	Bom Sucesso	56.83 126	eP	P	12 12 17.1 0.0
NBPA	Narara	56.85 161	eP	P	12 12 17.5 +0.2
MPMY	Sheldon Lake,	56.92 339	I	Amb	12 12 38.4
PLBC	Pleasant Camp	56.93 334	P	P	12 12 16.6 +1.4
PLCA	Paso Flores	56.98 161	P	P	12 12 19.0 +1.2
PLCA	Paso Flores	56.98 161	LR	LR	

5d 12h

G30M	comp=Z,21nm,1.5s bazz=128	61.35 341	P	P	12 12 47.6	-0.1
INK	Inuvik comp=Z,2um,18.4s,baz=134,slow=42	61.41 343	LR	LR	12 45 06.9	
INK	Inuvik comp=Z,12nm,0.9s	61.41 343	IAMB	IAMB	12 12 52.7	
INK	Inuvik bazz=132,SNR=20	61.41 343	P	P	12 12 48.0	0.0
RES	Resolute Bay comp=Z,3um,18.7s,baz=176,slow=39	61.48 359	LR	LR	12 42 17.2	
EYAK	Cordova Ski Ar bazz=115,SNR=22	61.56 333	P	P	12 12 52.1	+3.0
EYAK	Cordova Ski Ar bazz=115,SNR=22	61.56 333	P	P	12 12 50.3	+1.2
H29M	Whitestone bazz=126	61.58 340	P	P	12 12 49.6	+0.3
F30M	Barrier River comp=Z,21nm,1.0s	61.61 342	IAMB	IAMB	12 12 54.4	
F30M	Barrier River bazz=129,SNR=16	61.61 342	P	P	12 12 49.2	-0.2
I28M	Miner Creek bazz=124	61.67 339	P	P	12 12 49.7	-0.2
L26K	Log Cabin Wild comp=Z,13nm,1.1s	61.68 336	IAMB	IAMB	12 13 13.5	
L26K	Log Cabin Wild bazz=119	61.68 336	P	P	12 12 50.7	+0.7
MENT	Mentasta bazz=117,SNR=17	61.78 336	P	P	12 12 52.5	+1.8
G29M	Pine Creek comp=Z,20nm,1.1s	61.87 341	IAMB	IAMB	12 13 43.2	
G29M	Pine Creek bazz=126,SNR=17	61.87 341	P	P	12 12 51.6	+0.4
KLU	Klutina bazz=116,SNR=22	62.04 334	P	P	12 12 53.6	+1.0
P23K	Montague Islan bazz=114	62.08 332	P	P	12 12 53.5	+0.8
HARP	HAARP bazz=117,SNR=8.0	62.12 335	P	P	12 12 53.7	+0.7
DOT	Dot Lake comp=Z,17nm,1.0s	62.26 336	IAMB	IAMB	12 13 10.7	
I27K	Kandik River bazz=122	62.34 339	P	P	12 12 54.9	+0.5
SCRK	Sand Creek comp=Z,12nm,1.0s	62.39 337	IAMB	IAMB	12 13 37.8	
SCRK	Sand Creek bazz=119	62.39 337	P	P	12 12 55.5	+0.6
M24K	Tolsona Glenn bazz=116,SNR=9.8	62.42 334	P	P	12 12 55.8	+0.7
PAX	Paxson bazz=117,SNR=9.5	62.51 335	P	P	12 12 56.4	+0.8
RIDG	Independent Ri comp=Z,17nm,1.0s	62.61 336	IAMB	IAMB	12 13 39.0	
RIDG	Independent Ri bazz=118,SNR=10	62.61 336	P	P	12 12 57.0	+0.7
H27K	Steamboat Moun comp=Z,23nm,1.1s	62.65 339	IAMB	IAMB	12 13 13.0	
H27K	Steamboat Moun bazz=122,SNR=16	62.65 339	P	P	12 12 57.1	+0.6
E29M	Blow River bazz=119,SNR=12.5	62.72 342	IAMB	IAMB	12 13 37.2	
E29M	Blow River bazz=127,SNR=17	62.72 342	P	P	12 12 56.9	+0.1
I26K	Coal Creek Min bazz=120,SNR=5.6	62.74 338	P	P	12 12 57.2	+0.2
SCM	Sheep Creek Mo bazz=114,SNR=8.8	62.79 334	P	P	12 12 58.3	+0.7
F28M	Old Crow bazz=125,SNR=59	62.87 341	P	P	12 12 58.6	+0.7
M23K	Glacier View bazz=114,SNR=11	62.95 334	P	P	12 12 58.9	+0.4
G27K	Doyon Strip bazz=122,SNR=8.9	63.00 340	P	P	12 12 58.5	-0.3
K24K	Donnelly Dome comp=Z,21nm,1.0s	63.01 336	IAMB	IAMB	12 13 15.0	
K24K	Donnelly Dome bazz=117,SNR=7.2	63.01 336	P	P	12 13 00.1	+1.1
SEW	Seward bazz=112,SNR=6.1	63.07 331	P	P	12 12 59.7	+0.4
KNK	Knik Glacier bazz=113,SNR=11	63.22 333	P	P	12 13 00.4	+0.7
SML	Sawmill bazz=114,SNR=10	63.22 333	P	P	12 13 00.9	+0.5
J25K	Galcha River, bazz=118	63.23 337	P	P	12 13 01.0	+0.7
WAT6	Susitna Watana bazz=114,SNR=27	63.28 334	P	P	12 13 01.4	+0.5
O22K	Coopier Landing bazz=112	63.33 332	P	P	12 13 01.7	+0.7
DHY	Denali Highway comp=Z,14nm,1.2s	63.34 335	IAMB	IAMB	12 14 01.8	
DHY	Denali Highway bazz=115	63.34 335	P	P	12 13 01.3	0.0
E28M	Babbage River bazz=125,SNR=17	63.34 342	P	P	12 13 00.8	-0.2
PMR	Palmer bazz=113,SNR=15	63.48 333	P	P	12 13 03.2	+1.2
PMR	Palmer bazz=113,SNR=15	63.48 333	P	P	12 13 02.2	+0.2
D28M	Stokes Point bazz=126,SNR=9.7	63.53 343	P	P	12 13 02.9	+0.7
BRSE	Bradley Lake S bazz=110,SNR=9.9	63.55 331	P	P	12 13 03.8	+1.3
RC01	Rabbit Creek A bazz=112,SNR=6.0	63.56 332	P	P	12 13 02.9	+0.3
GO08	Villa O'Higin comp=Z,21nm,1.0s	63.60 166	P	P	12 13 04.4	+1.5
PRP	Porcupine Dome comp=Z,21nm,1.0s	63.71 338	IAMB	IAMB	12 13 42.1	
PRP	Porcupine Dome bazz=118,SNR=11	63.71 338	P	P	12 13 04.0	+0.3
WAT1	Susitna Watana bazz=114	63.72 334	P	P	12 13 04.0	+0.4
E27K	Coleen River comp=Z,22nm,1.2s	63.73 341	IAMB	IAMB	12 13 18.6	
E27K	Coleen River bazz=123,SNR=17	63.73 341	P	P	12 13 04.1	+0.5
HDA	Harding Lake bazz=116,SNR=11	63.74 336	P	P	12 13 04.0	+0.3
G26K	Porcupine River comp=Z,13nm,1.1s	63.79 340	IAMB	IAMB	12 13 20.7	
G26K	Porcupine River bazz=120,SNR=11	63.79 340	P	P	12 13 04.1	+0.2
KD3K	Kodiak Island comp=Z,7.8nm,21.0s	63.82 328	LR	LR	12 40 17.6	
KD3K	Kodiak Island comp=Z,7.8nm,21.0s	63.82 328	LR	LR	12 13 05.2	+0.9
KD3K	Kodiak Island comp=Z,21nm,0.9s	63.82 328	LR	LR	12 13 05.2	+0.9
IL31	comp=Z,24nm,1.0s	63.88 337	IAMB	IAMB	12 13 28.1	
IL31	Eielson comp=Z,7.1nm,0.9s	63.88 337	P	P	12 13 04.2	-0.3
ILAR	comp=Z,7.1nm,0.9s	63.88 337	P	P	12 13 04.2	-0.3
ILAR	comp=Z,97nm,19.0s	63.88 337	P	P	12 13 04.1	-0.5
HOM	Homer bazz=109	63.95 331	P	P	12 13 05.8	+0.8
M22K	Willow bazz=112	63.98 333	P	P	12 13 05.6	+0.3
OHAK	Old Harbor bazz=107	64.02 328	P	P	12 13 08.9	+3.3
OHAK	Old Harbor bazz=107	64.02 328	P	P	12 13 06.1	+0.5
D27M	Malcolm River bazz=112	64.13 342	P	P	12 13 06.6	+0.4
WRH	Wood River Hil comp=Z,17nm,1.0s	64.22 336	IAMB	IAMB	12 13 45.6	
POKR	Poker Plat Res bazz=116	64.24 337	P	P	12 13 07.4	+0.4
MCK	McKinley comp=Z,24nm,1.0s	64.25 335	IAMB	IAMB	12 13 22.7	
MCK	McKinley bazz=114,SNR=16	64.25 335	P	P	12 13 07.3	+0.2
CUT	Chuitina bazz=112,SNR=15	64.29 334	P	P	12 13 07.7	+0.4
F26K	Sheenjek River comp=Z,13nm,0.9s	64.29 340	IAMB	IAMB	12 13 46.0	
F26K	Sheenjek River bazz=120,SNR=12	64.29 340	P	P	12 13 08.0	+0.7
COLA	College comp=Z,11nm,1.0s	64.30 337	P	P	12 13 03.9	-3.4
COLA	College bazz=118	64.30 337	P	P	12 13 42.5	+0.7
COLA	College bazz=118	64.30 337	P	P	12 13 07.8	+0.5
COLA	College bazz=118	64.30 337	P	P	12 13 07.8	+0.2
BMAR	Burnt Mountain bazz=118	64.30 340	P	P	12 13 07.4	0.0
G25K	Bearman Hill bazz=118	64.50 339	P	P	12 13 09.7	+1.1
L22K	Petersville comp=Z,24nm,1.0s	64.55 334	IAMB	IAMB	12 13 15.9	
L22K	Petersville bazz=112,SNR=15	64.55 334	P	P	12 13 09.5	+0.4

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NEA2	Nenana comp=Z,12nm,0.9s	64.65 336	IAMB	IAMB	12 13 46.8	
NEA2	Nenana bazz=114,SNR=11	64.65 336	P	P	12 13 10.1	+0.4
SKT	Skwentz bazz=110,SNR=24	64.69 333	P	P	12 13 10.4	+0.4
Q19K	Cape Douglas, bazz=107	64.69 329	P	P	12 13 10.3	+0.3
TRF	Thorofare Moun bazz=116	64.69 335	P	P	12 13 10.3	+0.2
H24K	Noodor Dome bazz=116	64.72 338	P	P	12 13 10.3	+0.1
F25K	Christian River bazz=119,SNR=15	64.74 340	P	P	12 13 10.9	+0.7
G24K	Hadweencic Riv comp=Z,22nm,1.1s	64.96 339	IAMB	IAMB	12 13 29.5	
G24K	Hadweencic Riv bazz=116,SNR=11	64.96 339	P	P	12 13 12.5	+0.9
E25K	Arctic Village comp=Z,13nm,0.9s	64.97 340	IAMB	IAMB	12 13 48.4	
E25K	Arctic Village bazz=119,SNR=15	64.97 340	P	P	12 13 12.2	+0.4
I23K	Minto, Yukon-K bazz=114,SNR=14	64.99 337	P	P	12 13 11.8	0.0
C27K	Jago River bazz=122,SNR=13	65.15 342	P	P	12 13 13.6	+0.7
BPBW	Bear Paw Mtn. bazz=107,SNR=28	65.23 335	IAMB	IAMB	12 13 28.7	
BPBW	Bear Paw Mtn. bazz=112,SNR=29	65.23 335	P	P	12 13 13.2	-0.2
PPLA	Purkeypile comp=Z,15nm,1.0s	65.30 334	IAMB	IAMB	12 13 27.7	
PPLA	Purkeypile bazz=110,SNR=10	65.30 334	P	P	12 13 14.1	+0.1
PPT	Papeete comp=Z,816nm,19.8s	65.31 243	LR	LR	12 33 34.5	
H23K	Yukon River bazz=114	65.34 337	P	P	12 13 14.6	+0.5
M20K	Styx River bazz=109	65.37 333	P	P	12 13 15.0	+0.6
O19K	Port Alsworth bazz=107,SNR=9.7	65.39 331	P	P	12 13 14.5	0.0
F24K	Squaw Lake comp=Z,11nm,0.9s	65.47 339	IAMB	IAMB	12 13 51.0	
F24K	Squaw Lake bazz=113,SNR=11	65.47 339	P	P	12 13 15.0	0.0
MLY	Manley bazz=113,SNR=24	65.48 336	P	P	12 13 15.1	0.0
N19K	Bonanza Creek bazz=107,SNR=25	65.66 331	P	P	12 13 16.8	+0.5
C26K	Camden Bay bazz=120,SNR=14	65.66 342	P	P	12 13 16.8	+0.7
CHUM	Lake Minchum bazz=111,SNR=9.7	65.69 335	P	P	12 13 16.6	+0.2
O18K	Koktuh Hills bazz=106,SNR=13	65.72 330	P	P	12 13 17.0	+0.3
G23K	Banana Creek comp=Z,11nm,0.9s	65.88 338	IAMB	IAMB	12 13 52.6	
G23K	Banana Creek bazz=114,SNR=7.3	65.88 338	P	P	12 13 17.8	+0.2
E24K	Your Creek bazz=116	65.92 340	P	P	12 13 18.7	+0.9
M19K	Big River bazz=112	65.94 332	P	P	12 13 18.7	+0.6
H22K	Ishaitina Cre bazz=112	66.06 337	P	P	12 13 18.9	+0.1
Q16K	King Salmon bazz=107	66.13 329	P	P	12 13 20.0	+0.7
P17K	Kvichak River bazz=105,SNR=5.6	66.16 329	P	P	12 13 19.9	+0.5
L19K	White Mountain bazz=107	66.23 333	P	P	12 13 20.0	0.0
K20K	Felida bazz=109	66.25 334	P	P	12 13 19.8	-0.2
N18K	Kilae Creek bazz=106	66.28 331	P	P	12 13 20.2	-0.1
E23K	Chadalar bazz=115,SNR=24	66.30 340	P	P	12 13 21.2	+0.8
M18K	Stony River bazz=106,SNR=26	66.47 332	P	P	12 13 21.2	-0.2
G22K	Bettle bazz=113	66.50 338	P	P	12 13 22.1	+0.5
D24K	Happy Valley comp=Z,19nm,1.1s	66.51 341	IAMB	IAMB	12 13 38.6	
D24K	Happy Valley bazz=116,SNR=12	66.51 341	P	P	12 13 21.5	-0.1
H21K	Melozitna Riv bazz=111,SNR=6.1	66.52 337	P	P	12 13 21.4	-0.3
CHGN	Chignik bazz=112	66.53 326	P	P	12 13 21.2	-0.7
TOLK	Toolik Lake Re bazz=115,SNR=11	66.53 340	P	P	12 13 21.6	-0.2
J20K	Nowitna River bazz=109	66.55 335	P	P	12 13 21.6	-0.3
O17K	Kolignek Bris bazz=104,SNR=11	66.62 330	P	P	12 13 22.3	-0.2
C24K	Franklin Bluff bazz=116	66.72 341	P	P	12 13 22.7	-0.1
N17K	Nushagak Hills bazz=104,SNR=22	66.86 331	P	P	12 13 23.9	0.0

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like TEMBE Tembe Elephant, WDLM Western Deep L, PRYS Parys, etc.

IDC 05 15:11:27.6.2.1, 33.46Sx179.21W, h0km, mb3.6/3, mbmp3.7/4, ML4.0/1, MS3.3/1, Error ellipse: s-maj=45.4km s-min=32.8km az=82.0 NEIC 05 15:11:32.0.5.6, 33.39S.0.10, 179.0W.0.3, h35km, 2km, mb4.4/5, Error ellipse: s-maj=36.0km s-min=15.3km az=80.0 WEL 05 15:11:33.4.1.1, 34.56Sx17.9W, h12km, MA.2/9, mb4.7/3, ML4.2/13, MLV4.3/9, Mw(MB)4.0/3, Error ellipse: s-maj=11.8km s-min=7.8km az=101.9 ISC 05 16:07:28.0.0.4, 3.32N.0.07, 82.91W.0.09, h10km, n444, a152/362, mb4.7/123, South of Panama

Main station list table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like RAO Raoul Island, MXZ Matakaoa Point, MXZ Matakaoa Point, etc.

DJA 05 15:47:07.5.1.1, 10.5Sx11.9E, h20km, 7km, M3.6/11, mB5.8/2, mb3.9/2, MLV3.5/11, Mw(MB)5.4/2, South of Sumbawa

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like WBSI Waikabubak, WSI Waigapu, PLAI Plampang, 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 LBFI Labuhan Bajo, KDI Kendari, KKSJ Kolaka, etc.

RSNC 05 16:07:22.8.1.0, 3.3N.4.8, 83.3W, h0km, M4.0, mB5.0, mb4.6, ML3.2, Mw(MB)4.3 IDC 05 16:07:26.5.0.6, 3.42N.82.87W, h0km, mb4.3/17, mbmp4.3/23, ML2.7/5, MS2.5/6, Error ellipse: s-maj=24.0km s-min=13.1km az=54.0 NEIC 05 16:07:29.3.1.4, 3.34N.0.08, 82.7W.0.1, h10km, 1km, mb4.7/32, Error ellipse: s-maj=19.9km s-min=11.4km az=242.0 ISC 05 16:07:28.0.0.4, 3.32N.0.07, 82.91W.0.09, h10km, n444, a152/362, mb4.7/123, South of Panama

Main station list table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like CACAO El Cacao, GRIC Gorgona, PACH Carate, 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 LCAR Lake Charles, FCAR Ozark Folk Cen, SSIA Beattyville, etc.

Main station list table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like Q52A Bidwell, S39A Bolivar, Q51A Peebles, etc.

5d 16h

2020 MAY

S32K	Killisnoo	67.48	333	P	P	16 18 25.2	+1.3
SIT	Sitka	67.61	332	P	P	16 18 26.0	+1.2
P33M	Teslin, Yukon	68.23	336	P	P	16 18 29.6	+0.9
P32M	Atlin	68.25	335	P	P	16 18 30.0	+1.1
S31K	Pelican	68.50	333	P	P	16 18 31.6	+1.3
N32M	Quiet Lake	68.87	336	P	P	16 18 33.6	+0.9
SKAG	Skagway	68.88	334	P	P	16 18 33.9	+1.2
MMPY	Sheldon Lake,	69.04	338	P	P	16 18 34.5	+0.8
PLCB	Pleasant Camp	69.33	334	P	P	16 18 36.8	+1.3
WHY	Whitehorse	69.33	336	P	P	16 18 36.6	+0.9
O30N	Mendenhall	69.89	335	I	Amb	16 18 40.6	
O30N	Mendenhall	69.89	335	P	P	16 18 40.1	+1.1
P30M	Million Dollar	69.92	334	P	P	16 18 40.6	+1.3
M31M	Drury Creek, Y	69.98	337	I	Amb	16 18 41.8	
M31M	Drury Creek, Y	69.98	337	P	P	16 18 40.8	+1.3
P29M	Windy Craggy	70.02	334	P	P	16 18 41.1	+1.3
N31M	Braeburn, Yuko	70.14	336	P	P	16 18 41.7	+1.1
HYT	Haines Junctio	70.52	335	P	P	16 18 44.4	+1.5
N30M	Aishikik Lake	70.67	336	I	Amb	16 18 47.0	
N30M	Aishikik Lake	70.67	336	P	P	16 18 45.2	+1.4
O29M	Mount Kennedy	70.72	334	P	P	16 18 45.2	+1.0
YUK6	Outpost Mounta	70.94	335	P	P	16 18 46.5	+0.8
M30M	Minto, Yukon	71.13	337	P	P	16 18 47.4	+0.9
YUK4	Talbot Arm	71.26	335	P	P	16 18 48.4	+0.9
C36M	Paulatuk	71.31	346	P	P	16 18 48.7	+1.3
P1NM	Pinnacle	71.35	334	P	P	16 18 49.1	+1.1
BRWY	Burwash Landin	71.43	335	P	P	16 18 49.8	+1.4
O28M	Mount Upton	71.64	334	P	P	16 18 50.8	+0.8
RES	Resolute Bay	71.64	357	P	P	16 18 48.5	+0.8
YUK8	Steele Glacier	71.70	335	P	P	16 18 51.1	+0.8
M29M	Somme Creek	71.73	336	I	Amb	16 18 52.6	
M29M	Somme Creek	71.73	336	P	P	16 18 51.3	+1.1
L29M	L29M	71.93	337	P	P	16 18 51.5	+0.1
L29M	L29M	71.93	337	I	Amb	16 18 52.8	
L29M	L29M	71.93	337	P	P	16 18 52.3	+0.9
H31M	Peel River	72.01	340	P	P	16 18 53.0	+1.2
J30M	Hart River	72.02	339	I	Amb	16 18 54.4	
J30M	Hart River	72.02	339	P	P	16 18 53.1	+1.1
K29M	Barlow Dome	72.07	338	I	Amb	16 18 53.6	
K29M	Barlow Dome	72.07	338	P	P	16 18 52.9	+0.5
MESA	MESA	72.15	333	P	P	16 18 53.9	+1.0
YUK3	Moose Creek	72.23	335	P	P	16 18 54.5	+1.1
GRNC	Granite Creek	72.31	334	P	P	16 18 54.5	+0.7
GRNC	Granite Creek	72.31	334	I	Amb	16 18 55.6	
I30M	Mount Dempster	72.39	339	P	P	16 18 54.7	+0.5
I30M	Mount Dempster	72.39	339	P	P	16 18 55.1	+1.0
G31M	Satah River	72.63	341	P	P	16 18 55.7	+0.4
G31M	Satah River	72.63	341	I	Amb	16 18 56.9	
G31M	Satah River	72.63	341	P	P	16 18 56.2	+0.9
J29N	Klondike Camp	72.65	338	P	P	16 18 56.8	+1.1
BVCY	Beaver Creek	72.69	336	P	P	16 18 57.0	+1.1
F31M	Tsilgitchic	72.76	342	P	P	16 18 57.1	+1.0
CRQE	Cirque	72.91	334	P	P	16 18 58.3	+0.9
M27K	Edge Creek, AK	73.09	335	P	P	16 18 59.5	+1.0
EPYK	Eagle Plains	73.13	340	P	P	16 18 59.5	+1.0
MCARA	McCarthy VSAT	73.15	334	P	P	16 18 59.8	+1.2
MCARA	McCarthy VSAT	73.15	334	P	P	16 18 59.9	+1.3
KAIM	Kayak Island	73.17	332	P	P	16 18 59.9	+1.1
INK	Inuvik	73.21	343	P	P	16 18 59.4	+0.6
INK	Inuvik	73.21	343	P	P	16 18 59.8	+1.0
G30M	Aoh Zraii Nji	73.29	341	P	P	16 19 00.2	+0.8
BCAR	Beaver Creek A	73.37	336	P	P	16 19 00.4	+0.5
L27K	Beaver Creek	73.38	336	I	Amb	16 19 01.8	
L27K	Beaver Creek	73.38	336	P	P	16 19 01.0	+0.9
F30M	Barrier River	73.50	341	P	P	16 19 01.6	+1.0
M26K	Nabesna, AK	73.57	335	I	Amb	16 19 03.8	
M26K	Nabesna, AK	73.57	335	P	P	16 19 02.1	+0.9
H29M	Whitestone	73.61	340	P	P	16 19 02.2	+1.0
BMRM	Bremner River	73.67	333	P	P	16 19 02.7	+0.9
I28M	Miner Creek	73.78	339	P	P	16 19 03.4	+1.0
G29M	Pine Creek	73.86	340	P	P	16 19 03.5	+0.8
L26K	Log Cabin Wild	73.99	336	I	Amb	16 19 05.6	
L26K	Log Cabin Wild	73.99	336	P	P	16 19 04.3	+0.8
EYAK	Cordova Ski Ar	74.03	333	P	P	16 19 04.9	+1.2
MENT	Mentasta	74.11	335	I	Amb	16 19 06.2	
SUMG	Summit	74.36	13	P	P	16 19 05.2	-0.8
KLU	Klutina	74.47	334	I	Amb	16 19 07.7	
I27K	Kandik River	74.47	338	P	P	16 19 07.2	+0.8
HARP	HARP	74.49	335	P	P	16 19 07.3	+0.8
P27K	Dot Lake	74.55	336	I	Amb	16 19 08.2	
E29M	Montague Isan	74.59	332	P	P	16 19 08.0	+0.9
P23M	Blow River	74.60	342	I	Amb	16 19 08.9	
E29M	Blow River	74.60	342	P	P	16 19 07.7	+0.7
SCRK	Sand Creek	74.66	336	I	Amb	16 19 08.9	
SCRK	Sand Creek	74.66	336	P	P	16 19 08.2	+0.7
H27K	Steamboat Moun	74.73	339	I	Amb	16 19 09.1	

H27K	Steamboat Moun	74.73	339	P	P	16 19 08.5	+0.6
GLI	Glacier Island	74.76	333	P	P	16 19 09.0	+0.9
M24K	Tolsona, Glenn	74.81	334	P	P	16 19 09.1	+0.7
F28M	Old Crow	74.83	341	P	P	16 19 08.9	+0.6
PAX	Paxson	74.85	335	I	Amb	16 19 10.2	
PAX	Paxson	74.85	335	P	P	16 19 08.8	+0.2
RIDG	Independent Ri	74.90	336	I	Amb	16 19 10.3	
RIDG	Independent Ri	74.90	336	P	P	16 19 09.5	+0.6
I26K	Coal Creek Min	74.91	338	P	P	16 19 09.4	+0.6
G27K	Doyon Strip	75.05	339	P	P	16 19 09.8	+0.1
SCM	Sheep Creek Mo	75.22	334	P	P	16 19 11.4	+0.6
E28M	Babbage River	75.22	342	I	Amb	16 19 11.3	
E28M	Babbage River	75.22	342	P	P	16 19 10.7	+0.1
K24K	Donnelly Dome	75.31	336	P	P	16 19 11.9	+0.7
D28M	Stokes Point	75.35	342	P	P	16 19 11.9	+0.7
J25K	Salcha River	75.47	337	I	Amb	16 19 13.5	
J25K	Salcha River	75.47	337	P	P	16 19 12.7	+0.5
KNK	Knik Glacier	75.57	333	P	P	16 19 13.2	+0.5
SEW	Seward	75.59	332	P	P	16 19 13.2	+0.4
SML	Sawmill	75.65	334	P	P	16 19 13.5	+0.3
WAT6	Susitna Watana	75.67	334	P	P	16 19 13.7	+0.3
E27K	Coleen River	75.68	341	I	Amb	16 19 14.4	
E27K	Coleen River	75.68	341	P	P	16 19 13.7	+0.4
DHY	Denali Highway	75.69	335	P	P	16 19 13.9	+0.3
O22K	Cooper Landing	75.84	332	P	P	16 19 14.9	+0.7
G26K	Porcupine Rive	75.86	339	P	P	16 19 14.7	+0.4
PRP	Porcupine Dome	75.90	338	P	P	16 19 15.0	+0.3
D27M	Malcolm River	75.99	342	P	P	16 19 15.7	+0.6
HDA	Harding Lake	76.02	336	P	P	16 19 15.5	+0.3
RC01	Rabbit Creek A	76.04	333	P	P	16 19 16.0	+0.6
BRSE	Bradley Lake S	76.09	331	P	P	16 19 16.2	+0.4
WAT1	Susitna Watana	76.11	334	P	P	16 19 16.1	+0.3
IL31	comp=Z,1.2nm,1.4s	76.13	337	I	Amb	16 19 17.4	
ILAR	Eielson Array	76.13	337	P	P	16 19 15.4	-0.4
ILAR	comp=Z,3.4nm,1.1s,baz=115,slow=3.2,SNR=18	76.13	337	PP	PP	16 22 08.2	+1.4
ILAR	comp=Z,1.5nm,1.2s,baz=115,slow=7.8,SNR=4.9	76.13	337	P	P	16 19 15.2	-0.6
ILAR	Eielson Array	76.13	337	P	P	16 19 17.4	+0.5
F26K	Sheenjek River	76.32	340	P	P	16 19 17.3	+0.5
F26K	Sheenjek River	76.32	340	P	P	16 19 17.3	+0.5
BMAR	Burnt Mountain	76.35	340	P	P	16 19 17.6	+0.4
M22K	Willow	76.43	333	P	P	16 19 18.0	+0.4
MCK	McKinley	76.48	335	P	P	16 19 18.6	+0.1
MCK	McKinley	76.48	335	I	Amb	16 19 20.0	
MCK	McKinley	76.48	335	P	P	16 19 18.8	+0.3
G25K	Bearman Lake	76.62	339	P	P	16 19 19.1	+0.5
F25K	Christian River	76.79	340	P	P	16 19 20.4	+0.8
H24K	Noodor Dome	76.92	337	P	P	16 19 21.0	+0.6
NEA2	Nenana	76.94	336	I	Amb	16 19 21.2	
NEA2	Nenana	76.94	336	P	P	16 19 20.6	+0.2
L22K	Petersville	76.97	334	I	Amb	16 19 21.4	
L22K	Petersville	76.97	334	P	P	16 19 21.1	+0.4
SII	Sitkinak Island	76.98	327	P	P	16 19 21.6	+0.8
E25K	Arctic Village	76.99	340	P	P	16 19 21.2	+0.5
C27K	Jago River	77.03	342	P	P	16 19 21.7	+0.8
TRF	Thorofare Moun	77.06	335	P	P	16 19 21.7	+0.4
G24K	Hadweenzic Riv	77.09	338	I	Amb	16 19 23.0	
G24K	Hadweenzic Riv	77.09	338	P	P	16 19 22.1	+0.8
O20K	Slope Mountain	77.10	331	P	P	16 19 22.0	+0.5
SKT	Skutumpah	77.14	333	P	P	16 19 22.2	+0.5
I23K	Minto, Yukon-K	77.25	337	P	P	16 19 22.7	+0.6
Q19K	Cape Douglas,	77.29	330	P	P	16 19 23.3	+0.7
C26K	Camden Bay	77.53	342	P	P	16 19 24.7	+1.1
F24K	Squaw Lake	77.56	339	I	Amb	16 19 25.6	
F24K	Squaw Lake	77.56	339	P	P	16 19 24.7	+0.8
H23K	Yukon River	77.56	337	P	P	16 19 24.3	+0.4
BPWA	Bear Paw Mtn.	77.56	335	P	P	16 19 24.1	+0.2
CHIR	Chirikof Islan	77.59	327	P	P	16 19 24.8	+0.6
PPLA	Purkeyville	77.71	334	P	P	16 19 25.1	+0.1
PPLA	Purkeyville	77.71	334	P	P	16 19 25.1	+0.1
D25K	Kavik River	77.75	341	I	Amb	16 19 26.3	
D25K	Kavik River	77.75	341	P	P	16 19 24.1	-0.8
MLY	Manley	77.76	336	I	Amb	16 19 26.0	
MLY	Manley	77.76	336	P	P	16 19 24.4	-0.7
M20K	Styx River	77.84	333	I	Amb	16 19 26.3	
M20K	Styx River	77.84	333	P	P	16 19 24.9	-0.8
O19K	Port Alsworth	77.95	331	P	P	16 19 26.0	-0.1
E24K	Your Creek	77.97	340	I	Amb	16 19 27.8	
E24K	Your Creek	77.97	340	P	P	16 19 26.2	0.0
G23K	Bananza Creek	78.04	338	P	P	16 19 26.9	+0.3
CHUM	Lak Minchumin	78.05	335	P	P	16 19 26.8	+0.2
N19K	Bonanza Creek	78.18	332	P	P	16 19 27.7	+0.1
H22K	Ishlathilla Hill	78.29	337	P	P	16 19 28.1	+0.1
O18K	Koktuh Cills	78.30	331	P	P	16 19 28.1	0.0
E23K	Chandalar	78.36	339	I	Amb	16 19 30.8	
E23K	Chandalar	78.36	339	P	P</		

2020 MAY

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Table with columns for station ID, name, coordinates, elevation, and various performance metrics (e.g., SNR, error rates).

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Table with columns for station ID, name, coordinates, elevation, and various performance metrics (e.g., SNR, error rates).

O19K	Port Alsworth	47.92	38	I	Amb	17 05 43.7
O19K	Port Alsworth	47.92	38	P	P	17 05 41.3 +2.1
H20K	Anotliana Mo	47.94	31	P	P	17 05 40.8 +1.6
I20K	Naaghdeneel	48.05	32	P	P	17 05 41.2 +1.2
SII	Sitkinak Islan	48.09	43	P	P	17 05 41.5 +1.0
BATI	Baumata	48.10 202	LR	LR	17 27 10.7	
BATI	Baumata	48.10 202	P	P	17 05 39.7 -1.3	
K20K	Telida	48.13 34	I	Amb	17 06 01.4	
K20K	Telida	48.13 34	P	P	17 05 42.1 +1.4	
J20K	Novitna River	48.14 32	P	P	17 05 41.5 +0.7	
TARG	Taragay, Kyrgy	48.14 297	I	Amb	17 06 08.7	
A21K	Barrow	48.22 23	P	P	17 05 42.3 +1.0	
O19K	Cape Douglas,	48.28 39	P	P	17 05 42.2 +0.2	
MDOK	Medeo	48.35 299	eP	P	17 05 43.4 +0.5	
MDOK	Medeo	48.35 299	eP	P	17 05 43.9 +0.5	
AAA	Alma-Ata	48.43 299	eP	P	17 05 43.9 +0.5	
AAA	Alma-Ata	48.43 299	eP	P	17 05 43.9 +0.5	
C21K	Knifeflade Rid	48.43 26	P	P	17 05 44.0 +1.1	
IMAR	Indian Mountai	48.45 30	P	P	17 05 44.1 +0.9	
TNSS	Tian-Shan	48.45 299	eP	P	17 05 44.0 0.0	
TNSS	Tian-Shan	48.45 299	eP	P	17 05 44.0 0.0	
KDJ	Kajitsay	48.50 298	I	Amb	17 06 26.8	
MRS	Darwin Rock St	48.52 192	P	P	17 05 44.8 +0.7	
DR2K	Styx River	48.52 36	P	P	17 05 44.4 +0.6	
KDU	Kakadu	48.52 190	P	P	17 05 44.1 0.0	
OHAK	Old Harbor	48.54 42	P	P	17 05 44.7 +0.8	
B21K	Ikpikpak River	48.56 25	P	P	17 05 45.2 +1.2	
G21K	Allakakt	48.59 29	P	P	17 05 45.1 +0.8	
E21K	Killik River	48.62 27	P	P	17 05 45.5 +1.0	
F21K	Alatna River	48.67 28	P	P	17 05 46.1 +1.3	
A22K	Sinclair Lake	48.68 23	P	P	17 05 46.0 +1.2	
O20K	Slope Mountain	48.77 38	P	P	17 05 46.8 +1.1	
H21K	Melozitna River	48.81 30	I	Amb	17 06 11.8	
H21K	Melozitna River	48.81 30	P	P	17 05 46.9 +0.9	
MTN	Manton Dam	48.88 192	P	P	17 05 47.0 0.0	
MTN	Manton Dam	48.88 192	P	P	17 05 46.5 -0.5	
KDAK	Kodiak Island	48.89 41	LR	LR	17 26 26.1	
KDAK	Kodiak Island	48.89 41	P	P	17 05 47.3 +0.7	
KDAK	Kodiak Island	48.89 41	eP	P	17 05 47.2 +0.6	
KDAK	Kodiak Island	48.89 41	eP	P	17 05 47.3 +0.7	
PLAI	Blampang	48.93 210	P	P	17 05 48.3 +1.0	
CHUM	Lake Mirchumin	48.94 33	P	P	17 05 48.0 +1.1	
SPCR	Spurr Chakacha	48.96 36	P	P	17 05 48.5 +1.3	
PPLA	Purkeyup Lake	48.97 34	P	P	17 05 48.5 +1.1	
B22K	Teshekpuk Lake	49.08 24	I	Amb	17 06 06.6	
B22K	Teshekpuk Lake	49.08 24	P	P	17 05 49.4 +1.5	
STLK	Strandline Lak	49.14 36	I	Amb	17 06 14.4	
F22K	John River	49.20 28	P	P	17 05 50.4 +1.6	
SKT	Skwentna	49.27 35	I	Amb	17 06 16.2	
SKT	Skwentna	49.27 35	P	P	17 05 50.9 +1.3	
HOM	Home	49.28 38	P	P	17 05 50.9 +1.3	
COEN	Coen	49.32 176	P	P	17 05 51.8 +1.5	
COEN	Coen	49.32 176	P	P	17 05 50.3 0.0	
COEN	Coen	49.32 176	P	P	17 05 51.0 +0.7	
E22K	Anaktuvuk Pass	49.39 27	P	P	17 05 51.7 +1.3	
H22K	Ishlaltina Cre	49.41 30	P	P	17 05 52.1 +1.6	
G22K	Bettles	49.42 29	P	P	17 05 51.9 +1.4	
TKM2	Tokmak 2	49.44 299	P	P	17 05 52.4 +1.1	
CAPN	Captain Cook N	49.48 37	P	P	17 05 52.5 +1.4	
BPAW	Bear Paw Mtn.	49.52 33	I	Amb	17 06 37.9	
BPAW	Bear Paw Mtn.	49.52 33	P	P	17 05 52.6 +1.2	
NRN	Naryn	49.53 297	I	Amb	17 06 32.3	
L22K	Petersville	49.62 35	I	Amb	17 06 20.5	
L22K	Petersville	49.62 35	P	P	17 05 53.6 +1.4	
MLY	Manley	49.65 31	I	Amb	17 06 18.4	
MLY	Manley	49.65 31	P	P	17 05 53.3 +0.9	
BRSE	Bradley Lake S	49.73 38	P	P	17 05 54.3 +1.3	
TRF	Thorofore Moun	49.83 33	I	Amb	17 06 41.3	
TRF	Thorofore Moun	49.83 33	P	P	17 05 55.0 +1.0	
D23K	Nanushuk River	49.88 26	I	Amb	17 06 34.9	
D23K	Nanushuk River	49.88 26	P	P	17 05 55.1 +1.1	
BRZS	Berezni	49.92 309	eP	P	17 05 55.1 +0.5	
BRZS	Berezni	49.92 309	eP	P	17 05 55.1 +0.5	
M22K	Willow	49.95 36	P	P	17 05 55.9 +1.3	
SLKM	Skilak Lake	49.95 37	I	Amb	17 06 20.0	
KBK	Karagaybulak	49.97 299	P	P	17 05 56.1 +0.8	
C23K	Itliklik River	49.97 25	I	Amb	17 06 20.4	
C23K	Itliklik River	49.97 25	P	P	17 05 55.9 +1.2	
G23K	Bananza Creek	49.99 29	P	P	17 05 56.3 +1.3	
SGDS	Sogindyn	49.99 300	eP	P	17 05 55.8 +0.5	
BTL5	Baital	50.02 302	iP	P	17 05 55.9 +0.5	
BTL5	Baital	50.02 302	iP	P	17 05 55.9 +0.5	
BTL5	Baital	50.02 302	iP	P	17 05 55.9 +0.5	
CHMS	Chumyshy	50.02 299	P	P	17 05 55.6 +0.1	
USP	Ospenovka	50.13 300	P	P	17 05 57.3 +1.0	
RC01	Rabbit Creek A	50.16 37	P	P	17 05 57.5 +1.3	
H23K	Yukon River	50.16 30	P	P	17 05 57.3 +1.1	
JAGI	Jagaj, Banyuwa	50.18 214	P	P	17 05 56.9 0.0	
O22K	Cooper Landing	50.20 37	P	P	17 05 58.0 +1.5	
E23K	Chandalar	50.27 21	P	P	17 05 58.1 +1.5	
I23K	Minto, Yukon-K	50.23 31	I	Amb	17 06 22.8	

I23K	Minto, Yukon-K	50.23 31	P	P	17 05 58.5 +1.8
TOLK	Toolik Lake Re	50.26 27	P	P	17 05 58.1 +1.1
AAK	Ala-Archa	50.30 299	LR	LR	17 28 37.5
AAK	Ala-Archa	50.30 299	P	P	17 05 58.7 +1.0
AAK	Ala-Archa	50.30 299	P	P	17 05 57.6 -0.1
AAK	Ala-Archa	50.30 299	P	P	17 06 24.4
AAK	Ala-Archa	50.30 299	eP	P	17 05 58.1 +0.3
AAK	Ala-Archa	50.30 299	P	P	17 05 58.0 +0.3
NEA2	Nenana	50.36 32	P	P	17 05 23.2 +0.6
SEW	Seward	50.36 38	P	P	17 05 58.3 +0.6
UCH	Uchtor	50.39 299	P	P	17 05 59.9 +1.1
PMR	Palmer	50.43 36	P	P	17 05 58.8 +0.6
MCK	McKinley	50.43 33	I	Amb	17 06 24.3
MCK	McKinley	50.43 33	P	P	17 05 59.4 +1.1
RND	Reindeer	50.48 33	I	Amb	17 06 24.4
KSH2	Kashi	50.49 294	P	P	17 06 00.1 +0.8
GHO	Glory Hole Cre	50.52 36	I	Amb	17 06 19.4
D24K	Happy Valley	50.55 26	P	P	17 06 00.5 +1.5
E24K	Your Creek	50.63 27	I	Amb	17 06 25.8
E24K	Your Creek	50.63 27	P	P	17 06 01.1 +1.3
WAT1	Susitna Watana	50.64 34	P	P	17 06 01.0 +1.1
KNK	Knik Glacier	50.76 36	I	Amb	17 06 30.1
KNK	Knik Glacier	50.76 36	P	P	17 06 01.8 +1.0
WRH	Wood River Hil	50.79 32	I	Amb	17 06 35.9
SML	Sawmill	50.80 36	I	Amb	17 06 46.4
SML	Sawmill	50.80 36	P	P	17 06 02.2 +1.1
EKS2	Erkin-Say	50.80 299	P	P	17 06 02.5 +1.0
BVAR	Borovyoy Array	50.81 313	P	P	17 06 00.4 -1.0
F24K	Squaw Lake	50.85 28	P	P	17 06 03.0 +1.6
H24K	Noodor Dome	50.85 30	I	Amb	17 06 41.5
H24K	Noodor Dome	50.85 30	P	P	17 06 02.7 +1.3
BORK	Borovyoy	50.85 313	P	P	17 06 01.0 -0.6
BORK	Borovyoy	50.85 313	eP	P	17 06 01.4 -0.2
BORK	Borovyoy	50.85 313	eP	P	17 06 03.2 +1.6
COLA	College	50.88 32	eP	P	17 06 03.0 +1.5
COLA	College	50.88 32	P	P	17 06 03.0 +1.5
G24K	Hadweenzic Riv	51.01 29	I	Amb	17 06 29.8
G24K	Hadweenzic Riv	51.01 29	P	P	17 06 04.2 +1.6
WAT6	Susitna Watana	51.02 35	P	P	17 06 04.1 +1.2
POKR	Pokt Plat Res	51.05 31	P	P	17 06 04.6 +1.7
M23K	Glacier View	51.08 36	P	P	17 06 04.4 +1.2
DHY	Denali Highway	51.16 34	I	Amb	17 06 23.7
DHY	Denali Highway	51.16 34	P	P	17 06 05.0 +1.1
SCM	Sheep Creek Mo	51.27 35	P	P	17 06 05.8 +1.1
HDA	Harding Lake	51.28 32	I	Amb	17 06 30.2
HDA	Harding Lake	51.28 32	P	P	17 06 05.9 +1.3
IL31	Ilar	51.29 32	I	Amb	17 06 18.3
ILAR	Eielson Aray	51.29 32	P	P	17 06 05.4 +0.7
ILAR	Eielson Aray	51.29 32	P	P	17 07 18.4 -0.4
ILAR	Eielson Aray	51.29 32	P	P	17 29 20.8
P23K	Montage Islan	51.39 38	P	P	17 06 07.0 +1.4
D25K	Kavik River	51.43 26	I	Amb	17 06 42.4
D25K	Kavik River	51.43 26	P	P	17 06 07.2 +1.4
UGM	Wanagama	51.46 219	P	P	17 06 06.8 +0.3
GLI	Glacier Island	51.46 37	P	P	17 06 07.4 +1.4
G25K	Bearman Lake	51.55 29	P	P	17 06 08.5 +1.9
F25K	Christian River	51.71 28	P	P	17 06 09.2 +1.4
E25K	Arctic Village	51.73 27	I	Amb	17 07 05.5
E25K	Arctic Village	51.73 27	P	P	17 06 09.4 +1.5
M24K	Tolsona, Glenn	51.79 35	I	Amb	17 06 50.9
M24K	Tolsona, Glenn	51.79 35	P	P	17 06 10.0 +1.4
K24K	Donnelly Dome	51.83 33	P	P	17 06 10.2 +1.4
PRP	Porcupine Dome	51.83 31	P	P	17 06 10.0 +1.1
C26K	Camden Bay	51.95 25	P	P	17 06 10.9 +1.4
J25K	Salcha River,	51.95 32	P	P	17 06 11.1 +1.4
KLU	Klutina	51.97 36	I	Amb	17 06 36.4
KLU	Klutina	51.97 36	P	P	17 06 11.5 +1.6
Q23K	Middleton Isla	51.99 38	P	P	17 06 11.6 +1.7
KLSI	Paxson	52.02 227	P	P	17 06 10.2 -0.5
PAX	Paxson	52.04 34	I	Amb	17 06 55.5
PAX	Paxson	52.04 34	P	P	17 06 11.9 +1.5
KNRA	Kunurra	52.08 194	P	P	17 06 11.5 +0.5
KLI	Kotabumi	52.08 227	P	P	17 06 08.4 -2.8
LEM	Lembang	52.09 223	LR	LR	17 28 30.0
BMAR	Burnt Mountain	52.12 28	P	P	17 06 12.9 +2.0
EYAK	Cordova Ski Ar	52.15 37	I	Amb	17 06 65.7
EYAK	Cordova Ski Ar	52.15 37	P	P	17 06 12.4 +1.3
GSI	Gunungsitoli	52.16 239	P	P	17 06 10.5 -1.2
GSI	Gunungsitoli	52.16 239	P	P	17 06 11.9 +0.1
HARP	HAARP	52.23 35	P	P	17 06 13.6 +1.8
RIDG	Independent Ri	52.25 33	I	Amb	17 06 41.5
RIDG	Independent Ri	52.25 33	P	P	17 06 13.5 +1.6
F26K	Sheenjek River	52.28 28	I	Amb	17 06 38.1
F26K	Sheenjek River	52.28 28	P	P	17 06 13.7 +1.7
MASI	Maura Aman, Be	52.34 231	P	P	17 06 12.0 -1.1

C27K	Jago River	52.37 25	I	Amb	17 06 38.0
C27K	Jago River	52.37 25	P	P	17 06 14.3 +1.6
G26K	Porcupine River	52.46 29	I	Amb	17 06 41.6
G26K	Porcupine River	52.46 29	P	P	17 06 14.5 +1.2
DZA	Taraz	52.47 300	eP	P	17 06 14.3 +0.5
DZA	Taraz	52.47 300	eP	P	17 06 14.4 +0.5
DOT	Dot Lake	52.61 33	I	Amb	17 06 33.5
SCRK	Sand Creek	52.61 33	I	Amb	17 06 44.1
SCRK	Sand Creek	52.61 33	P	P	17 06 16.0 +1.4
BMRM	Bremner River	52.66 36	P	P	17 06 16.7 +1.7
KAIM	Kayak Island	52.89 38	P	P	17 06 18.3 +1.7
GLB	Gilahina Butte	52.98 36	I	Amb	17 06 38.5
KK31	Karatay Array	52.98 301	iP	P	17 06 17.4 -0.2
KKAR	Karatay Array	52.98 301	P	P	17 06 17.4 -0.2
KKAR	Karatay Array	52.98 301	P	P	17 06 17.4 -0.2
L26K	Log Cabin Vill	52.99 34	I	Amb	17 06 44.4
L26K	Log Cabin Vill	52.99 34	P	P	17 06 19.2 +1.8
DRK	Karamyk	53.16 296	I	Amb	17 06 42.7
VRDI	Verde Repeater	53.18 36	I	Amb	17 06 50.2
E27K	Coleen River	53.21 27	I	Amb	17 0

Table with columns: STNU, VLDL, GIRR, SHIU, FURC, etc. Includes station names, coordinates, and status indicators.

Table with columns: UPC, PSZ, PSZ, PSZ, etc. Includes station names like Piszkesteto, Lac du Bonnet, and coordinates.

Table with columns: ANMO, FUORN, ECH, Y2ZA, etc. Includes station names like Albuquerque, Offenpass-Fuorn, and coordinates.

SJA 05 17:19:45.3:0.7, 34:10S:71:31W, h66km, 2km, ML4.4, MW4.3
IDC 05 17:19:46.7:2.9, 34:00S:71:62W, h66km, 25km, mb3.6/8, mbmp4.0/12, ML4.5/4, MS2.9/2, Error ellipse: s-maj=29.6km s-min=13.9km az=104.0
GUC 05 17:19:46.8:0.8, 34:05S:71:23W, h56km, 2km, ML4.6
NEIC 05 17:19:47.0:1.1, 34:10S:0:03:71:29W, 0.05, h59km, 3km, mb4.5/19, Mw4.6/31, Mw4.6(GUC), Error ellipse: s-maj=5.5km s-min=3.7km az=99.0, Moment Tensor Solution. Moment tensor: Scale 10¹⁹Nm; Mr=6.10; Mw=1.63; Mw7.73; Mw=1.61; Mw4.42; Mw=2.49; Fault plane solution: M=8.83000*10¹⁵ NP1: 176.35000°, 857.64000°, 125.15000°. Principal axes: T 9.6725, P16.0000, Azm291.0000; N -2.0431, P1629.0000, Azm197.0000; P -7.6295, P1660.0000, Azm32.0000; NEIC 05 17:19:47.1:34.09S:71:30W, h59km, ISC 05 17:19:45.9:0.6, 34.08S:0:02:71:39W, 0.03, h57km, 5km, n152, 189/191, mb4.4/11, 7C-25D, Near coast of Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s, ISC. Rows include stations like Popeta, Tunca, Talagante, Pichilemu, La Punta, Curacav, Sierra Bellavi, Renca, Universidad Ad, San Alfonso, Cerro Calin, Las Melosas, Hualane, Hacienda Santa, Torpederas, Peldehue, El Roble, Ro Olivares.

Main station list table with columns: MT04, comp=N, 17um, 0.2s, 1.30 61, Pn, 17 20 24.7, IAML. Rows include stations like Bocatomora, San Esteban, San Alfonso, Punta Hualpin, Curacav, Sierra Bellavi, Renca, Universidad Ad, San Alfonso, Cerro Calin, Las Melosas, Hualane, Hacienda Santa, Torpederas, Peldehue, El Roble, Ro Olivares.

Table with columns: EFI SIV, East Falkland, 20.05 155, P, P, 17 24 12.8 -1.4, 17 24 15.8 -1.1. Rows include stations like South Pole Qui, Pinedale Array, Mina Array Bea, WAKE ISLAND, Wake Island, Borovoye Array, Zalesovo Beam, BinXian, Nanjing, Lanzhou.

IDC 05 17:20:30.4:0.5, 34:16N:25:64E, h0km, mb4.6/27, mbmp4.5/41, ML4.2/11, MS3.7/29, Error ellipse: s-maj=1.2km s-min=1.0km az=8.0
B.U. 05 17:20:30.9:3.3, 34:16N:25:64E, h40km, mb5.0/7, mb4.8/43
MOS 05 17:20:30.9:1.2, 34:13N:25:55E, h12km, mb4.9/36, Error ellipse: s-maj=5.4km s-min=3.0km az=83.3
NEIC 05 17:20:32.3:1.6, 34:22N:0:06:25:60E, 0.06, h10km, 1km, mb4.9/258, Error ellipse: s-maj=10.7km s-min=7.9km az=203.0
ISK 05 17:20:32.1, 34:12N:25:61E, h5km, ML4.3/17
THE 05 17:20:34.8, 34°N:7°2'6"E, h2km, 15km, M4.0/14, ML4.0/14
GII 05 17:20:35.8:0.0, 34:013N:0:002:26:040E:0:001, h0km, MW4.7, confirmed
ATH 05 17:20:35.1:1.0, 34:07N:25:65E, h25km, 12km, ML3.9/4, Latitude uncertainty: 8 km; Longitude uncertainty: 2 km
PDG 05 17:20:36.9:0.7, 34:49N:25:46E, h18km, 1km, ML4.8/39, Error ellipse: s-maj=128.0km s-min=140.5km az=0.0
AFAD 05 17:20:44.0, 34:78N:25:60E, h72km, MW4.2
NAO 05 17:21:02.6, 38:85N:21:52E, h10km, MB4.0
ISC 05 17:20:32.6:0.7, 34:09N:0:03:25:62E, 0.02, h15km, 3km, n924, 1868/900, mb4.8/184, MS3.8/26, 53C-40D, Crete

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s, ISC. Rows include stations like ZKR Zakros, NPS Neapolis, IACM Anoyia, GVD Gavdhos, VAM Vamos, KARP Karpathos, ANKY Antikythira, MHLO Agia Marina, ARG Arkhangelos, ARG Arkhangelos, ARG Arkhangelos, APE Apeiranthos, DAT Data.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like BODT Bodrum, VLI Velia, YRN Turunc, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like TIP Timpagrande, BEIL Beino, IDAN Idan, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like MYKA Terra Mystica, MODS Modra-Piesok, STHAL Stehbnicka, etc.

Table of seismic stations with columns for station name, location, coordinates, and other parameters. Includes stations like HARP HAARP, N31M Braeburn, L22K Petersville, etc.

Table of seismic stations with columns for station name, location, coordinates, and other parameters. Includes stations like MJAR Matushiro Arr, KAIM Kayak Island, N15K Kwehluh River, etc.

TAP 05 17:40:06.2, 23:09N-120:32E, h8km, ML1.3, 1C-4D, B, Taiwan

Table of seismic stations with columns for station name, location, coordinates, and other parameters. Includes stations like ELDTW Lidau, STYH Taoyuan, STYU Taoyuan, etc.

Table of seismic stations with columns for station name, location, coordinates, and other parameters. Includes stations like SNST Hsiinying, TWK Tsauhsan, CHN4 Fanlu, etc.

IDC 05 17:52:18.5:1.0, 24.01N:142.48E, h541km, 10km, mb3.1/6, mbmp3.9/10, Error ellipse: s-maj=38.0km s-min=14.1km az=86.0

ISC 05 17:52:19.0:1.1, 24.11N:142.50E:0.2, h550km, n10, e1507/11, mb3.5/6, Volcano Islands region

Table of seismic stations with columns for station name, location, coordinates, and other parameters. Includes stations like JCJ Chichijima, JCJ Borovoye Array, MJAR Matushiro Arr, etc.

IDC 05 17:54:27.6:8.8, 33.98N-25.79E, h0km, mb3.6/3, mbmt3.5/5, ML3.5/2, Error ellipse: s-maj=148.5km s-min=73.7km az=58.0, Eastern Mediterranean Sea

Table of seismic stations with columns for station name, location, coordinates, and other parameters. Includes stations like KBZ Khabaz, AKASO Malin Array Be, KURBB Kurchatov Arra, etc.

ATH 05 18:10:10.7, 40.64N-20:71E, h5km, 1km, ML2.9/11, Latitude uncertainty: 1 km; Longitude uncertainty: 1 km TIR 05 18:10:10.1, 40.65N-20:72E, h29km, 1km, ML3.1/4

PDG 05 18:10:10.8:0.2, 40.67N-20:72E, h12km, ML3.0/11, Error ellipse: s-maj=0.5km s-min=0.8km az=0 SKO 05 18:10:10.9, 40.60N-20:70E, h0km, ML2.9

THE 05 18:10:11.8, 41.1N:12.1E, h0km, 1km, ML2.9/11, ML2.9/11

BEO 05 18:10:16.2:1.1, 40.97N-20:59E, h16km, 5km, ML2.6/3 ISC 05 18:10:10.8:0.8, 40.64N:02.20:70E:0.02, h11km, 5km, n64, c090/107, 9C-3D, Greece-Albania border region

Table of seismic stations with columns for station name, location, coordinates, and other parameters. Includes stations like KBN Korca, KBN Nestorio, NEST Nestorio, etc.

TAP 05 17:40:06.2, 23:09N-120:32E, h8km, ML1.3, 1C-4D, B, Taiwan

Table of seismic stations with columns for station name, location, coordinates, and other parameters. Includes stations like PENT Pentaflores, KPRO Kipourio, KZAN Kozani, etc.

5d 20h

J19K	Poorman	56.27	28	P	P	20 21 00.5 +2.6
H19K	Roundabout Mou	56.29	26	P	P	20 21 00.5 +2.6
OHAK	Old Harbor	56.29	37	P	P	20 21 00.9 +2.7
Q19K	Cape Douglas,	56.31	34	P	P	20 21 00.6 +2.3
STKA	Stevens Creek	56.38	180	P	P	20 20 56.9 -2.1
STKA	Stevens Creek	56.38	180	P	P	20 20 57.6 -1.4
MI9K	Big River Lodg	56.40	31	P	P	20 21 01.6 +2.7
D19K	Kuna River	56.50	23	P	P	20 21 01.0 +1.5
D19K	Kuna River	56.50	23	P	P	20 21 01.9 +2.4
E19K	Redstone River	56.51	24	P	P	20 21 01.2 +1.7
E19K	Redstone River	56.51	24	P	P	20 21 02.2 +2.7
FORT	Forrest	56.69	194	P	P	20 20 59.6 -1.6
KDAK	Kodiak Island	56.73	36	P	P	20 21 04.2 +3.0
K20K	Telida	56.82	29	P	P	20 21 04.6 +2.8
AAK	Ala-Archa	56.83	306	P	P	20 21 03.9 +1.5
H20K	Anotleneega Mo	56.92	27	P	P	20 21 05.2 +2.7
I20K	Naaghedeneel	56.93	27	P	P	20 21 05.2 +2.7
J20K	Nowinta River	56.94	28	P	P	20 21 05.5 +2.9
J20K	Nowinta River	56.94	28	P	P	20 21 06.3
J20K	Nowinta River	56.94	28	P	P	20 21 05.4 +2.8
F20K	Avaraart Lake	56.96	25	P	P	20 21 05.2 +2.6
O20K	Slope Mountain	56.98	33	P	P	20 21 05.6 +2.6
M20K	Styx River	56.99	31	P	P	20 21 05.4 +2.3
D20K	Etivluk River	57.09	23	P	P	20 21 06.2 +2.6
E20K	Nigu River	57.11	23	P	P	20 21 06.0 +2.1
B20K	Meade River	57.30	21	P	P	20 21 07.3 +2.3
SPCR	Spurr Chakacha	57.33	32	P	P	20 21 07.9 +2.5
CHUM	Lake Minchum	57.68	29	P	P	20 21 10.4 +2.6
G21K	Allakaket	57.69	26	P	P	20 21 10.2 +2.4
SKT	Skwentna	57.75	31	P	P	20 21 10.3 +2.0
CAPN	Captain Cook N	57.78	32	P	P	20 21 11.3 +2.8
H21K	Melozitna Rive	57.80	27	P	P	20 21 10.8 +2.2
C21K	Knifeblade Rid	57.85	22	P	P	20 21 11.3 +2.5
F21K	Aatina River	57.85	25	P	P	20 21 11.3 +2.4
BRSE	Bradley Lake S	57.88	34	P	P	20 21 11.9 +2.6
A21K	Barrow	57.88	20	P	P	20 21 11.6 +2.6
E21K	Killik River	57.95	23	P	P	20 21 12.0 +2.4
B21K	Ikkipuk River	58.03	22	P	P	20 21 12.2 +2.1
B21K	Ikkipuk River	58.03	22	P	P	20 21 13.2
B21K	Ikkipuk River	58.03	22	P	P	20 21 12.8 +2.7
ARSB	Arsianbob	58.07	305	P	P	20 21 13.2 +2.1
L22K	Peterlilie	58.18	30	P	P	20 21 13.6 +2.2
A22K	Sinclair Lake	58.29	20	P	P	20 21 14.3 +2.4
BPAW	Bear Paw Mtn.	58.29	29	P	P	20 21 14.6 +2.5
CUT	Chulitna	58.39	31	P	P	20 21 15.5 +2.8
F22K	John River	58.41	25	P	P	20 21 15.5 +2.7
H22K	Ishlaitna Cre	58.42	26	P	P	20 21 15.5 +2.6
O22K	Cooper Landing	58.45	33	P	P	20 21 16.0 +2.9
RC01	Rabbit Creek A	58.51	32	P	P	20 21 15.9 +2.4
TRF	Thorofare Moun	58.51	29	P	P	20 21 16.1 +2.4
MLY	Manley	58.54	27	P	P	20 21 16.3 +2.5
G22K	Bettles	58.55	25	P	P	20 21 16.3 +2.5
SEW	Seward	58.56	33	P	P	20 21 16.5 +2.6
B22K	Teshkuk Lake	58.62	21	P	P	20 21 16.6 +2.5
E22K	Anaktuvuk Pass	58.67	24	P	P	20 21 17.0 +2.4
G23K	Bananza Creek	59.09	26	P	P	20 21 19.6 +2.1
G23K	Bananza Creek	59.09	26	P	P	20 21 21.1
G23K	Bananza Creek	59.09	26	P	P	20 21 20.3 +2.7
BVAR	Borovoye Array	59.11	318	P	P	20 21 18.5 +0.6
BVAR	Borovoye Array	59.11	318	P	P	20 22 04.3 0.0
I23K	Minto, Yukon-K	59.13	27	P	P	20 21 20.5 +2.7
MCK	McKinley	59.15	29	P	P	20 21 20.3 +2.3
KNK	Knik Glacier	59.15	32	P	P	20 21 20.4 +2.4
H23K	Yukon River	59.15	27	P	P	20 21 20.5 +2.5
BORK	Borovoye	59.16	318	P	P	20 21 19.0 +0.8
NEA2	Nenana	59.19	28	P	P	20 21 20.5 +2.3
WAT1	Susitna Watana	59.23	30	P	P	20 21 20.5 +2.0
SML	Sawmill	59.24	31	P	P	20 21 20.7 +2.1
D23K	Nanushuk River	59.24	23	P	P	20 21 21.1 +2.6
C23K	Iklikik River	59.44	22	P	P	20 21 22.3 +2.5
E23K	Chandalar	59.47	24	P	P	20 21 22.4 +2.2
M23K	Glacier View	59.53	31	P	P	20 21 23.0 +2.5
P23K	Montague Islan	59.58	34	P	P	20 21 23.1 +2.2
WAT6	Susitna Watana	59.58	31	P	P	20 21 23.0 +1.9
TOLK	Toolik Lake Re	59.58	23	P	P	20 21 23.3 +2.5
KK31	Karatay Array	59.69	307	P	P	20 21 23.1 +1.0
KK31	Karatay Array	59.69	307	P	P	20 21 24.3
KKAR	Karatay Array	59.69	307	P	P	20 21 23.4 +1.3
SCM	Sheep Creek Mo	59.72	31	P	P	20 21 24.3 +2.4
COLA	College	59.74	28	P	P	20 21 24.3 +2.5
GLI	Glacier Island	59.77	33	P	P	20 21 24.7 +2.4
DHY	Denali Highway	59.78	30	P	P	20 21 24.9 +2.5
H24K	Noodor Dome	59.83	27	P	P	20 21 24.9 +2.3
BTK	Batken	59.86	303	P	P	20 21 24.8 +1.4
BTK	Batken	59.86	303	P	P	20 21 25.0
E24K	Your Creek	59.89	24	P	P	20 21 25.4 +2.4

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D24K	Happy Valley	59.93	23	P	P	20 21 25.9 +2.7
POKR	Poker Plat Res	59.94	28	P	P	20 21 25.8 +2.5
F24K	Squaw Lake	60.04	25	P	P	20 21 26.4 +2.4
C24K	Franklin Bluff	60.07	22	P	P	20 21 26.5 +2.5
HDA	Harding Lake	60.08	28	P	P	20 21 26.7 +2.4
Q23K	Middleton Isla	60.09	34	P	P	20 21 26.8 +2.4
G24K	Hadwezenic Riv	60.09	26	P	P	20 21 26.4 +2.0
G24K	Hadwezenic Riv	60.09	26	P	P	20 21 27.8
G24K	Hadwezenic Riv	60.09	26	P	P	20 21 26.7 +2.4
ILAR	Eielson Array	60.14	28	P	P	20 21 24.7 0.0
ILAR	Eielson Array	60.14	28	P	P	20 21 25.2 +0.5
M24K	Tolsona, Glenn	60.28	31	P	P	20 21 28.2 +2.4
KLU	Klutina	60.37	32	P	P	20 21 28.5 +2.2
EYAK	Cordova Ski Ar	60.42	33	P	P	20 21 29.2 +2.5
K24K	Dotally Dome	60.55	29	P	P	20 21 29.9 +2.3
G25K	Bearman Lake	60.64	26	P	P	20 21 30.1 +2.1
PAX	Paxson	60.65	30	P	P	20 21 30.4 +2.2
HARP	HAARP	60.77	31	P	P	20 21 31.3 +2.3
PRP	Porcupine Dome	60.77	27	P	P	20 21 29.4 +0.2
PRP	Porcupine Dome	60.77	27	P	P	20 21 32.0
PRP	Porcupine Dome	60.77	27	P	P	20 21 31.1 +2.0
J25K	Salcha River,	60.78	28	P	P	20 21 31.3 +2.2
D25K	Kavik River	60.82	23	P	P	20 21 30.8 +1.5
D25K	Kavik River	60.82	23	P	P	20 21 31.5 +2.2
F25K	Christian River	60.90	25	P	P	20 21 32.1 +2.3
E25K	Arctic Village	60.98	24	P	P	20 21 32.7 +2.4
BMRM	Bremner River	60.99	32	P	P	20 21 32.9 +2.4
BMRM	Bremner River	60.99	32	P	P	20 21 32.9 +2.4
KAIM	Kayak Island	61.08	34	P	P	20 21 33.3 +2.2
SCRK	Sarc Creek	61.35	29	P	P	20 21 34.7 +1.7
C26K	Camden Bay	61.40	22	P	P	20 21 35.8 +2.8
F26K	Sheenjek River	61.48	25	P	P	20 21 36.4 +2.7
G26K	Porcupine Rive	61.57	26	P	P	20 21 36.8 +2.6
CRQE	Cirque	61.73	33	P	P	20 21 37.7 +2.1
I26K	Coal Creek Min	61.75	28	P	P	20 21 37.7 +2.2
MCAR	McCarthy VSAT	61.76	32	P	P	20 21 37.8 +2.2
M26K	Natana, AK	61.77	31	P	P	20 21 38.0 +2.3
C27K	Jago River	61.79	23	P	P	20 21 38.0 +2.3
KBL	Kalbar	62.24	297	P	P	20 21 40.4 +0.9
M27K	Edge Creek, AK	62.29	31	P	P	20 21 41.6 +2.3
L27K	Beaver Creek,	62.31	30	P	P	20 21 41.4 +2.1
MESA	MESA	62.31	33	P	P	20 21 41.9 +2.3
I27K	Kandik River	62.40	27	P	P	20 21 42.3 +2.4
G27K	Doyon Strip	62.41	26	P	P	20 21 42.4 +2.5
H27K	Steamboat Moun	62.45	26	P	P	20 21 42.4 +2.3
E27K	Coleen River	62.47	24	P	P	20 21 42.5 +2.2
D27M	Malcolm River	62.73	23	P	P	20 21 44.2 +2.1
BVCY	Beaver Creek	62.77	31	P	P	20 21 44.6 +2.3
YUK3	Moose Creek	62.98	32	P	P	20 21 45.9 +2.0
I28M	Miner Creek	63.10	27	P	P	20 21 46.7 +2.1
F28M	Old Crow	63.11	25	P	P	20 21 46.7 +2.2
O28M	Mount Upton	63.16	33	P	P	20 21 47.4 +2.1
P1NM	Pinnacle	63.16	33	P	P	20 21 47.4 +2.4
E28M	Babbage River	63.24	24	P	P	20 21 47.7 +2.4
YUK8	Steele Glacier	63.33	32	P	P	20 21 48.6 +2.3
D28M	Stokes Point	63.53	23	P	P	20 21 49.5 +2.4
BRWY	Burwash Landin	63.68	32	P	P	20 21 50.8 +2.5
H29M	Whitestone	63.73	26	P	P	20 21 50.9 +2.4
G29M	Pine Creek	63.84	26	P	P	20 21 51.6 +2.4
E29M	Blow River	63.84	24	P	P	20 21 51.5 +2.2
YUK4	Talbot Arm	63.87	32	P	P	20 21 52.4 +2.6
M29M	Sonoma Creek	63.88	31	P	P	20 21 51.8 +2.0
O29M	Mount Kennedy	63.98	33	P	P	20 21 53.0 +2.5
L29M	L29M	63.99	30	P	P	20 21 53.6 +2.2
YUK6	Outpost Mounta	64.04	32	P	P	20 21 52.0 +2.1
K29M	Barlow Dome	64.21	29	P	P	20 21 53.9 +2.0
EPYK	Eagle Plains	64.39	26	P	P	20 21 55.2 +2.3
HYT	Haines Junctio	64.47	32	P	P	20 21 55.6 +2.0
P29M	Windy Craggy	64.47	34	P	P	20 21 55.4 +1.9
G30M	tAoh Zraii Nji	64.55	26	P	P	20 21 55.8 +1.9
I30M	Mount Dempster	64.60	28	P	P	20 21 56.4 +2.0
N30M	Aishikik Lake	64.61	32	P	P	20 21 56.5 +2.1
M30M	Minto, Yukon	64.64	30	P	P	20 21 56.9 +2.3
F30M	Barrier River	64.67	25	P	P	20 21 57.2 +2.5
J30M	Hart River	64.67	28	P	P	20 21 57.2 +2.3
P30M	Million Dollar	64.81	33	P		

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Urewera, Alice Springs, Warramunga Arr, Juan Fernandez, etc.

IDD 05 22:46:04.7±0.9, 14.735±177.48W, h0km, mb4.0/7, mbtmp3.8/6, ML2.6/1, MS3.6/1, Error ellipse: s-maj=37.7km s-min=20.2km az=154.0

ISC 05 22:46:09.7±0.8, 14.835±177.60W, h1, h35km, n20, ±1534/10, mb4.1/7, MS3.0/5, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Nonsavu, Afiamatu, Warramunga Arr, WAKE ISLAND, etc.

IDD 05 22:51:08.3±1.7, 28.19N±142.11E, h0km, mb3.8/5, mbtmp3.8/6, ML2.7/1, MS3.1/1, Error ellipse: s-maj=74.0km s-min=14.8km az=72.0

ISC 05 22:51:13.5±1.4, 28.22N±142.22E, h0.4, h42km, n11, ±0778/8, mb4.0/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chichijima, Matushiro Arr, WAKE ISLAND, etc.

IDD 05 23:01:24.8±0.7, 41.109S±91.83W, h0km, mb4.1/13, mbtmp4.1/14, ML3.6/1, MS3.6/8, Error ellipse: s-maj=26.0km s-min=16.7km az=93.0

NEIC 05 23:01:26.8±2.1, 41.12S±91.91W±0.2, h10km±1km, mb4.5/12, Error ellipse: s-maj=25.9km s-min=20.1km az=291.0

ISC 05 23:01:26.2±0.7, 41.109S±91.91W±0.1, h10km, n41, ±0973/0, mb4.2/17, MS3.6/7, Southeast of Easter Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Juan Fernandez, Puyuhuapi, Paso Flores, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Coronel Fuentetaja, Torquinst, Maricunga, Palmer Station, etc.

NNC 05 23:03:29.6±0.4, 42.99N±77.35E, h3km±2km, mb3.0, mpv3.2, Error ellipse: s-maj=4.5km s-min=1.9km az=176.0

KRNET 05 23:03:29.6±0.1, 42.98N±77.29E, h20km, mb3.1, SOME 05 23:03:29.1, 42.97N±77.33E, h5km

KNET 05 23:03:32.1±0.5, 42.90N±77.14E, h19km±3km, ml2.1, Error ellipse: s-maj=3.1km s-min=2.1km az=69.0

ISC 05 23:03:29.9±0.9, 42.98N±0.02±77.30E±0.01, h13km±8km, n48, ±1540/86, 16C-18D, Lake Issyk-Kul region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tokmak 2, ARXS, Karabastau, etc.

IDD 05 23:07:33.5±1.1, 33.97N±25.70E, h0km, mb3.7/13, mbtmp3.7/23, ML3.2/8, Error ellipse: s-maj=21.2km s-min=13.6km az=14.0

GII 05 23:07:38.0±0.0, 34.407N±0.001±26.082E±0.001, h0km, mvs3.6, confirmed

THE 05 23:07:40.9, 34°N±5.2°E±.1, h0km±6km, ML2.7/8, MLh2.7/8

ISK 05 23:07:40.9, 34.00N±25.60E±15km, ML2.9/10

ATH 05 23:07:41.4, 34.45N±25.57E±10km±2km, ML2.8/7

Latitude uncertainty: 3 km; Longitude uncertainty: 1 km

AFAD 05 23:07:41.0, 34.03N±26.06E±72km, ML2.9

ISC 05 23:07:34.5±1.5, 34.07N±0.05±25.71E±0.03, h5km±9km, n88, ±200/17, mb3.7/13, Crete

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

H17K	Granite Mounta	80.67	6	P	P	23 32 51.5	-0.2
DHY	Denali Highway	80.68	11	P		23 32 50.9	-1.0
S34M	Telegraph Cree	80.68	21	IAMS_20	IAMS_20	00 02 05.0	
PECS	Pecos	80.76	54	P	P	23 32 53.4	+0.4
F14K	Arctic Creek	80.76	3	P	P	23 32 52.1	0.0
TNA	Tin City	80.78	2	P	P	23 32 52.1	-0.1
GCSA	Galena City Sc	80.80	7	P	P	23 32 52.4	+0.1
YUK8	Steele Glacier	80.80	15	P	P	23 32 52.2	-0.6
Kul'dur	Kul'dur	80.84	327	P	P	23 32 51.7	-1.2
KLR	comp-Z,12nm,1.1s			LR	LR	00 02 48.9	
KLR	Kul'dur	80.84	327	eP	P	23 32 52.6	-0.3
KLR	comp-Z,21nm,1.3s			pmax	pmax		
YUK6	Outpost Mounta	80.88	16	P	P	23 32 52.9	-0.3
G16K	Koyuk River	80.92	4	P	P	23 32 53.0	+0.1
PAX	Paxson	80.96	12	IAMS_20	IAMS_20	00 00 53.5	
PAX	Paxson	80.96	12	P	P	23 32 52.2	-1.2
M26K	Nabesna, AK	80.99	14	IAMS_20	IAMS_20	00 00 41.3	
M26K	Nabesna, AK	80.99	14	P	P	23 32 52.9	-0.6
BPAW	Bear Paw Mtn.	80.99	9	IAMS_20	IAMS_20	00 01 06.1	
BPAW	Bear Paw Mtn.	80.99	9	P	P	23 32 51.5	-1.9
MCK	McKinley	80.99	10	P	P	23 32 52.3	-1.2
HYT	Haines Junction	81.02	17	P	P	23 32 53.6	-0.1
H18K	Honhosa River	81.03	6	P	P	23 32 52.9	-0.7
H18K	comp-Z,74nm,1.2s			IAMS_20	IAMS_20	00 02 52.0	
H18K	Honhosa River	81.03	6	P	P	23 32 53.0	-0.7
YUK3	Moose Creek	81.04	15	P	P	23 32 53.4	-0.6
BRWY	Burwash Landin	81.06	16	P	P	23 32 53.5	-0.4
F15K	North Star Dit	81.08	3	IAMS_20	IAMS_20	00 04 29.1	
F15K	North Star Dit	81.08	3	P	P	23 32 53.6	-0.2
Q32M	Nakina River	81.10	20	IAMS_20	IAMS_20	00 00 05.0	
Q32M	Nakina River	81.10	20	P	P	23 32 54.1	-0.2
CLNB	Carlsbad	81.12	53	P	P	23 32 55.2	+0.3
P32M	Atlin	81.13	19	IAMS_20	IAMS_20	00 01 28.7	
P32M	Atlin	81.13	19	P	P	23 32 54.0	-0.3
YUK4	Talbot Arm	81.14	16	P	P	23 32 54.5	0.0
I20K	Naaghdeneel	81.14	8	IAMS_20	IAMS_20	00 01 17.1	
I20K	Naaghdeneel	81.14	8	P	P	23 32 54.0	-0.2
G17K	Kiwalik Mounta	81.16	5	P	P	23 32 54.1	-0.2
M27K	Edge Creek, AK	81.20	14	IAMS_20	IAMS_20	00 04 53.1	
M27K	Edge Creek, AK	81.20	14	P	P	23 32 54.4	-0.3
DLMT	Dillon	81.29	38	Iamb	Iamb	23 32 57.3	
DLMT	comp-Z,39nm,1.3s			IAMS_20	IAMS_20	00 02 47.1	
MENT	Mentasta	81.30	13	Iamb	Iamb	23 33 11.9	
MENT	Mentasta	81.30	13	P	P	23 32 54.5	-0.6
BNX	BinXian	81.30	322	S	S	23 32 54.7	-0.7
BNX	comp-Z,17nm,1.6s			pmax	pmax	23 43 06.6	+1.5
BNX	comp-Z,310nm,6.0s			pmax	pmax		
BNX	comp-Z,440nm,16.3s			LR	LR		
BNX	comp-Z,860nm,20.6s			LR	LR		
MSO	Missoula	81.30	36	IAMS_20	IAMS_20	00 01 31.1	
S22A	4UR Ranch, Cr2	81.31	47	P	P	23 32 55.5	-0.5
S22A	comp-Z,39nm,1.2s			IAMS_20	IAMS_20	00 00 56.5	
O30A	Mendallin	81.37	17	P	P	23 32 55.4	-0.2
O20N	White River Ci	81.44	44	IAMS_20	IAMS_20	00 02 19.6	
L26K	Log Cabin Wild	81.46	13	Iamb	Iamb	23 33 12.8	
L26K	Log Cabin Wild	81.46	13	P	P	23 32 55.5	-0.4
DLBC	Dease Lake	81.46	21	P	P	23 32 55.5	-0.6
DLBC	comp-Z,13nm,1.1s			LR	LR	00 02 31.2	
DLBC	Dease Lake	81.46	21	P	P	23 32 55.8	-0.3
DLBC	comp-Z,222,SNR=9.9			eP	P	23 32 54.3	-2.1
CN2	Changchun	81.47	320	eP	S	23 43 05.7	-1.3
CN2	comp-Z,10.0nm,0.6s			pmax	pmax		
CN2	comp-Z,100nm,5.0s			LR	LR		
CN2	comp-Z,100nm,15.0s			LR	LR		
CN2	comp-Z,100nm,15.0s			LR	LR		
BVCY	Beaver Creek	81.49	14	P	P	23 32 55.7	-0.4
LOHW	Long Hollow	81.60	40	P	P	23 32 56.9	-0.5
H19K	Roundabout Mou	81.61	7	IAMS_20	IAMS_20	00 03 30.2	
H19K	Roundabout Mou	81.61	7	P	P	23 32 56.7	+0.1
DL2	Dalian	81.61	314	S	S	23 43 58.2	+1.0
DL2	comp-Z,36nm,0.7s			pmax	pmax	23 43 14.0	-2.1
DL2	comp-Z,300nm,6.2s			pmax	pmax		
DL2	comp-Z,400nm,15.6s			LR	LR		
DL2	comp-Z,610nm,22.5s			LR	LR		
WHY	Whitcomb	81.63	18	P	P	23 32 56.8	-0.2
K24K	Donnelly Dome	81.65	12	P	P	23 32 55.9	-1.0
K24K	comp-Z,3um,21.0s			IAMS_20	IAMS_20	00 02 28.6	
K24K	Donnelly Dome	81.65	12	P	P	23 32 56.5	-0.4
N30M	Aishikik Lake	81.66	16	P	P	23 32 56.6	-0.4
SNY	Shenyang	81.68	317	S	S	23 32 57.6	+0.1
SNY	comp-Z,19nm,1.4s			pmax	pmax	23 43 12.3	+3.1

SNY	comp-Z,170nm,5.9s			LR	LR		
SNY	comp-Z,220nm,16.1s			LR	LR		
SNY	comp-Z,370nm,22.3s			LR	LR		
G18K	Tagagavik	81.73	6	Iamb	Iamb	23 32 58.6	
G18K	comp-Z,530nm,23.2s			IAMS_20	IAMS_20	00 04 26.4	
G18K	Tagagavik	81.73	6	P	P	23 32 56.7	-0.5
H20K	Anonegga Mo	81.76	7	P	P	23 32 57.4	0.0
NEA2	Nenana	81.77	10	P	P	23 32 56.0	-1.5
RIDG	Independence Ri	81.78	12	P	P	23 32 56.8	-0.8
L27K	Beaver Creek	81.83	14	IAMS_20	IAMS_20	00 01 39.6	
L27K	Beaver Creek	81.83	14	P	P	23 32 57.4	-0.5
BCAR	Beaver Creek A	81.84	14	P	P	23 32 56.7	-1.3
BW06	Boulder Array	81.84	42	Iamb	Iamb	23 32 60.0	
BW06	comp-Z,3um,20.0s			IAMS_20	IAMS_20	00 03 31.0	
PDAR	Pinedale Array	81.84	42	P	P	23 32 58.2	-0.5
PDAR	comp-Z,4.8nm,0.8s			LR	LR	00 04 01.4	
PDAR	comp-Z,2um,19.2s			baz=222,slow=2.0,SNR=37			
PDAR	Pinedale Array	81.84	42	P	P	23 32 57.9	-0.8
R30T	Dot Lake	81.86	13	IAMS_20	IAMS_20	00 01 20.2	
D03M	Jennings River	81.87	20	P	P	23 32 58.0	-0.3
YHL	Hebgen Lake	81.88	39	Iamb	Iamb	23 33 01.3	
MLY	Marysville	81.90	9	P	P	23 32 56.9	-1.3
P33M	Teslin, Yukon	81.90	19	IAMS_20	IAMS_20	00 02 34.0	
P33M	Teslin, Yukon	81.90	19	P	P	23 32 57.9	-0.5
YMR	Madison River	81.92	39	Iamb	Iamb	23 33 01.4	
HDA	Harding Lake	81.97	11	P	P	23 32 57.6	-1.0
BOZ	Bozeman (W)	81.99	38	IAMS_20	IAMS_20	00 02 49.6	
F17K	Baldwin Pennin	82.04	5	P	P	23 32 57.5	-1.4
F17K	comp-Z,2um,20.0s			IAMS_20	IAMS_20	00 04 56.5	
F17K	Baldwin Pennin	82.04	5	P	P	23 32 58.8	0.0
N31M	Braeburn, Yuko	82.04	17	P	P	23 32 58.9	-0.2
ODSA	Odessa	82.09	54	Iamb	Iamb	23 33 17.3	
YNM	Yellowstone No	82.11	39	P	P	23 33 00.1	0.0
YNM	comp-Z,74nm,1.5s			Iamb	Iamb	23 33 03.5	
M29M	Somme Creek	82.11	15	P	P	23 32 59.0	-0.5
YNR	Norris Junctio	82.12	39	Iamb	Iamb	23 33 03.7	
G19K	Purcell Mounta	82.13	6	IAMS_20	IAMS_20	00 03 47.0	
G19K	Purcell Mounta	82.13	6	P	P	23 32 59.3	0.0
SCRK	Sand Creek	82.16	12	IAMS_20	IAMS_20	00 01 41.3	
SCRK	Sand Creek	82.16	12	P	P	23 32 59.2	-0.6
H21K	Meloztina Riv	82.19	8	Iamb	Iamb	23 33 17.4	
H21K	comp-Z,65nm,1.1s			IAMS_20	IAMS_20	00 02 12.7	
H21K	Meloztina Riv	82.19	8	P	P	23 32 59.4	-0.3
I23K	Minto, Yukon-K	82.23	10	P	P	23 32 58.9	-1.0
COLA	College	82.23	10	P	P	23 32 58.8	-1.0
COLA	College	82.23	10	P	P	23 32 59.2	-0.7
COLA	College	82.23	10	dP	pmax	23 32 58.8	-1.0
COLA	comp-Z,130nm,1.0s			P	P	23 32 58.9	-1.0
SDCO	Great Sand Dun	82.25	48	IAMS_20	IAMS_20	00 03 15.4	
ILAR	Eielson Array	82.31	11	P	P	23 32 59.0	-1.3
ILAR	comp-Z,23nm,1.1s			baz=209,slow=5.6,SNR=64			
ILAR	comp-Z,1.6nm,1.1s			baz=220,slow=6.7,SNR=2.5			
ILAR	Eielson Array	82.31	11	P	P	23 32 58.6	-1.7
F18K	Selawik	82.33	5	P	P	23 32 59.7	-0.7
IMAR	Indian Mountai	82.37	8	P	P	23 33 00.3	-0.3
J25K	Salcha River	82.45	12	IAMS_20	IAMS_20	00 04 42.9	
J25K	Salcha River	82.45	12	P	P	23 33 00.3	-0.8
POKR	Poker Plat Res	82.53	11	P	P	23 33 00.7	-0.8
N32M	Quiet Lake	82.56	18	IAMS_20	IAMS_20	00 01 01.3	
N32M	Quiet Lake	82.56	18	P	P	23 33 01.2	-0.6
K27K	Chicken	82.61	13	IAMS_20	IAMS_20	00 02 57.3	
H22K	Ishatitina Cre	82.61	9	P	P	23 33 01.4	-0.5
E17K	Hotham Inlet	82.63	4	P	P	23 33 01.7	-0.2
M30M	Minto, Yukon	82.66	16	P	P	23 33 01.5	-0.8
MSTX	Muleshoe	82.66	52	IAMS_20	IAMS_20	00 05 04.9	
SEY	Seymchan	82.67	345	eP	P	23 33 01.4	-0.8
SEY	comp-Z,65nm,1.3s			pmax	pmax		
F19K	Shalerucik Mo	82.73	6	IAMS_20	IAMS_20	00 03 03.8	
F19K	Shalerucik Mo	82.73	6	P	P	23 33 02.1	-0.3
L29M	L29M	82.75	15	P	P	23 33 02.5	-0.2
H23K	Yukon River	82.83	9	IAMS_20	IAMS_20	00 02 24.7	
H23K	Yukon River	82.83	9	P	P	23 33 01.8	-1.2
G21K	Allakaket	82.91	8	IAMS_20	IAMS_20	00 02 55.7	
G21K	Allakaket	82.91	8	P	P	23 33 03.4	-0.1
M31M	Drury Creek, Y	83.01	17	P	P	23 33 03.2	-0.8
Q24A	Divide	83.03	47	IAMS_20	IAMS_20	00 02 58.1	
E18K	Tukpahleark C	83.05	5	IAMS_20	IAMS_20	00 03 06.3	
E18K	Tukpahleark C	83.05	5	P	P	23 33 04.1	0.0
ISCO	Idaho Springs	83.08	46	IAMS_20	IAMS_20	00 03 47.2	
H24K	Noodor Dome	83.11	10	P	P	23 33 03.0	-1.6
WTLY	Watson Lake, Y	83.14	20	P	P	23 33 04.4	-0.3
D17K	Noatak River	83.15	4	P	P	23 33 04.9	+0.3
F20K	Avaraart Lake	83.16	7	Iamb	Iamb	23 33 05.8	
F20K	comp-Z,47nm,1.2s			IAMS_20	IAMS_20	00 04 29.1	
F20K	Avaraart Lake	83.16	7	P	P	23 33 04.5	-0.1
833A	Chaparral WIA	83.16	58	Iamb	Iamb	23 33 07.2	
PRP	Porcupine Dome	83.24	11	IAMS_20	IAMS_20	00 06 05.6	
PRP	Porcupine Dome	83.24	11	P	P	23 33 04.7	-0.6

POST	Post	83.28	53	P	Iamb	P	23 33 05.3	-0.8
POST	comp-Z,36nm,1.2s			LR	LR		23 33 08.4	
CMIG	Matias Romero	83.29	70	LR	LR		00 01 50.5	
E19K	Redstone River	83.39	6	IAMS_20	IAMS_20		00 04 38.3	
E19K	Red							

5d 23h

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like H03S3 Juan Fernandez, C19K Lookout Ridge, H03N2 Juan Fernandez, etc.

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Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like G31M Satah River, F30M Barrier River, F30M Barrier River, etc.

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Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like L34A Svendsen Farm, MDND Maddock, BOAB BOAC BROADBAND, etc.

Table with columns: Station, Frequency, Mode, Power, SNR, and other metrics. Includes stations like Ulaanbaatar, Waverly, JWFS Jewell Farm, etc.

Table with columns: Station, Frequency, Mode, Power, SNR, and other metrics. Includes stations like Bolivia, Clinton, S57A Dark Hollow, etc.

Table with columns: Station, Frequency, Mode, Power, SNR, and other metrics. Includes stations like MAK, VSR Storozev, AKT Akhty, etc.

5d 23h

Table with columns for station code, name, frequency, and other technical details. Includes stations like OKC Ostrava-Krasne, HSKC Hora Svate Kat, KRLC Kralicky, etc.

2020 MAY

Table with columns for station code, name, frequency, and other technical details. Includes stations like GERES GRESS Array B, MANR Mangalia, BSZH Besenyasz, etc.

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Table with columns for station code, name, frequency, and other technical details. Includes stations like PCBR Castelo Branco, AQU A'Luquia, PMT Montargil, etc.

TAP 05:23:22.44, 0.24:99N:122.44E, h134km, ML3.5, C JMA 05:23:22.44, 0.25:25N:122.44E, h134km, 2km, MV2.1/9, NW OF ISHIGAKUJIMA IS

Table with columns for Code, Station Name, Frequency, and other technical details. Includes stations like TWB1 Santiao Chiao, TWB1 Grass Mountain, EGS SX11, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WARB, JKRS, JJI, WCS, etc.

ISK 05 23:23:19.9, 39:45N-27:88E, h9km, ML3.6/18
ATH 05 23:23:19.8, 39:40N-27:94E, h13km, ML3.5/12
Latitude uncertainty: 1 km; Longitude uncertainty: 2 km
AFAD 05 23:23:20.0, 39:45N-27:90E, h5km, 2km, MW3.6
SOF 05 23:23:21.9, 39:59N:0.02:27:72E:0.02, h10km, 1km,
MD3.6/10

CFUSG 05 23:23:22.8, 39:60N:28:00E, h10km, Mb3.3/4, MD3.5/2,
MSH3.0/6
ISC 05 23:23:20.0, 39:44N:0:02:27:90E:0:02, h15km, 5km,
n123, c0975/155, 15S-15D, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BALIKESIR, STEP, DURS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CAMT, DKL, KANM, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BIGA, KRBG, MANT, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ALEX, SMTH, SFL1, etc.

ISC 05 23:57:44.2, 2.0, 14N-126:03E, h0km, mb3.3/3,
mbtmp3.3/3, Error ellipse: s-maj=186.3km
s-min=29.7km az=65.0, Northern Molucca Sea

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

ASAR Alice Springs 24:87 163 P 00 03 08.4 -0.5
MKAR Makanchi Array 60:12 327 P 00 07 53.6 0.0

GUC 06 00:16:51.2, 0.7, 24:36S:67:29W, h194km, 6km, ML4.0
SJA 06 00:16:52.8, 1.0, 24:29S:67:28W, h150km, ML3.6, MW3.7
IDC 06 00:16:55.3, 2.0, 23:31S:67:20W, h204km, 20km, mb3.3/2,
mbtmp3.9/7, Error ellipse: s-maj=23.2km s-min=15.9km
az=105.0

ISC 06 00:16:52.1, 0.7, 24:24S:0:04:67:30W:0:05, h180km, 7km,
n41, c2500/67, 9C-1D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SALTA, AF01, SLSA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB09, AC02, PB03, etc.

IDC 06 00:19:08.3, 1.3, 0:60N:122:18E, h0km, mb3.6/4,
mbtmp3.7/5, ML3.8/1, Error ellipse: s-maj=129.8km
s-min=20.1km az=64.0

DJA 06 00:19:31.7, 0.4, 0:0N:4:12:2E, h216km, 5km, M3.6/24,
mb4.8/1, mb3.4/4, MLV3.8/24, Mw(mb)4.1/1
ISC 06 00:19:31.1, 0.0, 0:3N:0:01:121:82E:0:06, h200km, n13,
c2502/14, mb3.5/4, Minahasna Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like APSI, GTOI, LUIW, etc.

Gll 06 00:56:21.3, 0.0, 30:69N:0:01:35:128E:0:004, h0km,
Mw3.3 confirmed
JSO 06 00:56:22.3, 0.1, 30:31N:2:35E, h10km, M3.5/25,
MLV3.5/25, Hypocentre not reviewed by the ISC
GRAL 06 00:56:23.0, 1.1, 30:63N:35:13E, h0km, 23km, MD3.6
ISC 06 00:56:19.9, 1.0, 30:67N:0:02:35:07E:0:05, h13km, 7km,
n44, c1905/71, SC, Dead Sea region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSPR, EYHV, EYFH, etc.

2020 MAY

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HSNJ, LOTA, MSBI, Mazada, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NRIK, IMAR, OYK, Cape Douglas, etc.

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

SKHL 06 01:01:23.5:0.8,47.70N:146.70E,h475km,5km,mb4.7/10, msh4.7/4

NEIC 06 01:01:25.6:1.1,48.0N:0.1:145.9E:0.1,h461km,9km, mb4.0/29, Error ellipse: s-maj=17.5km s-min=13.7km bz=160.0

IDC 06 01:01:25.9:1.4,47.89N:145.91E,h468km,15km, mb3.3/20,mbmp4.1/26, Error ellipse: s-maj=12.9km s-min=12.2km az=79.0

MOS 06 01:01:25.2:0.8,47.88N:145.86E,h473km,mb4.0/8, Error ellipse: s-maj=11.4km s-min=8.4km az=89.9

ISC 06 01:01:24.5:0.5,47.72N:0.0:146.08E:0.07,h461km, n104,ct19/110,mb3.8/40,Northwest of Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YSS, Zuzhno-Sakhali, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YKA, Yellowknife Ar, KARAT, Karatay Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SSNC, ML2.3, Presumed earthquake, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RMSC, 06 01:13:50.6:0.0,10N:2x73W, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC, 06 01:16:05.6:0.5,37.44N:141.63E, etc.

6d 1h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like B21K Ipkipuk River, G21K Allakaket, F21K Alatina River, etc.

2020 MAY

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like HARP HAARP, RIDG Independent Ri, F26K Sheenjek River, etc.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like P32M Atin, S32K Killisnoo, P33M Teslin Yukon, etc.

6d 2h

Table with columns: ID, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AK10 Malin Array Si, AKASG Malin Array Be, AKASG comp=Z, 20nm, 20.0s, baz=49, slow=38, etc.

ADC 06 01:51:29.5:0.7, 42.17Nk:85.69E, h0km, mb3.8/13, mbmp3.7/18, ML3.2/5, MS3.7/2, Error ellipse: s-maj=20.7km s-min=12.5km az=44.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WMQ Urumqi, SHLS Shalkode, SHLS comp=E, 310nm, 0.3s, etc.

2020 MAY

Main table with columns: ID, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MKAR comp=E, 15nm, 0.3s, baz=148, slow=30, SNR=11, ZSN Zaisan, etc.

ADC 06 01:53:58.6:3.1, 19.75Sx176.24W, h0km, mb3.8/3, mbmp3.8/3, Error ellipse: s-maj=315.8km s-min=35.5km az=160.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, WRA Warrungarra Arr, TXAR Lajitas Array, etc.

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#DIST_RANGE: REGIONAL #PMA_REGION: SE AI Hoceima (MARR) SFS 06 02:39:45.2, 34.61N:3.69W, h6km, mb3.8/5, ML3.6/21, ML3.6/21, ML3.6/21

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AKLM AKL, PALE Paletmas, EMEL Melilla, etc.

IGL 06 02:39:43.9, 34.59N:3.58W, h2km, ML2.6 CNRM 06 02:39:43.9, 34.58N:3.75W, h3km, ML3.7 MDD 06 02:39:44.0, 3.34:52N:3.69W, h0km, Mb4.0/37, M_mb3.3/39, Error ellipse: s-maj=3.3km s-min=2.0km az=136.0 INMG 06 02:39:45.0, 1.6, 34:59N:3.71W, h0km, 5km, ML2.6, Error ellipse: s-maj=3.8km s-min=2.7km az=123.0

ETOB	Tobarra	4.40	22	Pn	Pn	02 40 52.9	+1.9
ETOB	114nm,SNR=1.6					02 40 57.9	
ETOB						02 41 01.8	-0.6
PBAR	Barrancos	4.48	324	Pn	Pn	02 41 51.8	+2.8
PBAR	Barrancos	4.48	324	ePn	Pn	02 40 52.3	+0.1
PBAR						02 41 44.4	0.0
PBAR						02 41 47.1	
PBAR						02 41 49.7	
PBAR						02 41 51.4	
OUZM	OUZ	4.49	216	P	Pn	02 40 55.1	+2.6
PCVE	Castro Verde	4.65	312	Pn	Pn	02 40 54.3	-0.2
PCVE						02 41 47.9	-0.6
PCVE	Castro Verde	4.65	312	ePn	Pn	02 40 55.1	+0.6
PCVE						02 41 47.5	-1.0
PCVE						02 41 53.1	
PCVE						02 41 54.5	
TIO	Tiouine	4.74	220	Sn	Sn	02 41 49.5	-1.3
TIO	Tiouine	4.74	220	Pn	Pn	02 40 56.2	+0.4
ZGR	Zagora	4.75	201	Pn	Pn	02 40 56.5	+0.5
AFON	Font Roja	4.79	31	Pn	Pn	02 40 58.9	+2.3
AFON	155nm,SNR=2.3					02 41 03.2	
PBEJ	Beja	4.81	317	ePn	Pn	02 40 58.1	+1.4
PBEJ						02 41 51.0	-1.4
PBEJ						02 41 58.3	
PBEJ						02 41 58.4	
PBEJ						02 42 01.7	
MORF	Marmelete	4.85	305	ePn	Pn	02 40 58.2	+0.9
MORF						02 41 53.0	-0.5
MORF						02 41 57.2	
MORF						02 41 58.0	
MORF						02 42 00.8	
PFVI	Vila Bisbo	4.88	303	Pn	Pn	02 40 57.9	+0.2
PFVI						02 41 52.9	-1.3
PFVI	Vila Bisbo	4.88	303	P	Pn	02 40 58.1	+0.4
PFVI	Vila Bisbo	4.88	303	ePn	Pn	02 40 58.3	+0.9
PFVI						02 41 53.8	-0.5
PFVI						02 41 58.1	
PFVI						02 42 01.1	
PFVI						02 42 02.5	
PFVI						02 42 07.3	-0.4
PFVI						02 41 50.8	-3.6
PFVI						02 41 59.2	
MESJ	Messejana	4.89	313	Pn	Pn	02 40 58.6	+0.8
MESJ						02 41 53.7	-0.8
MESJ						02 41 59.4	
MESJ						02 41 59.4	
MESJ						02 42 06.2	
EBEN2	Beniarda presa	4.95	34	Pn	Pn	02 40 59.9	+1.3
EBEN2	comp=N,199nm,SNR=2.1					02 41 04.7	
EBEN2						02 41 56.5	+0.5
PAB	San Pablo	4.97	354	Pn	Pn	02 40 59.7	+0.7
PAB	comp=N,69nm,SNR=1.4					02 41 03.3	
PAB						02 41 55.3	-1.3
PTEO	Sao Teotonio	5.03	307	ePn	Pn	02 41 00.8	+1.1
PTEO						02 41 57.8	-0.1
PTEO						02 42 02.7	
PTEO						02 42 03.4	
ESDC	Sonseca Array	5.08	358	Pn	Pn	02 41 01.4	+1.0
ESDC	comp=N,93nm,SNR=1.5					02 41 05.0	
ESDC						02 41 56.7	-2.4
ESBB	Sonseca Array	5.08	358	Pn	Pn	02 41 01.8	+1.3
ESBB	comp=N,91nm,SNR=1.4					02 41 05.0	
ESBB						02 41 57.3	-1.9
EVO	Evora	5.25	320	Pn	Pn	02 41 02.3	-0.5
EVO						02 41 59.5	-3.9
EVO						02 41 03.3	+0.6
EVO						02 42 02.2	-1.1
EVO						02 42 05.2	
EVO						02 42 07.5	
EVO						02 42 08.1	
PESTR	Estremoz	5.29	325	Pn	Pn	02 41 03.3	+0.2
PESTR						02 41 59.3	-5.1
PESTR	Estremoz	5.29	325	Pn	Pn	02 41 03.9	+0.8
PESTR						02 41 04.5	+1.1
PESTR						02 42 04.3	-0.1
PESTR						02 42 05.1	
PESTR						02 42 07.1	
PESTR						02 42 11.2	
MOE	Montemor	5.43	318	ePn	Pn	02 41 05.8	+0.6
PARRA	Arraiolos	5.48	322	ePn	Pn	02 41 05.7	-0.1
PARRA						02 42 08.6	-0.3
PARRA						02 42 13.3	
PARRA						02 42 22.1	
PMRV	Marv??o	5.67	330	ePn	Pn	02 41 08.7	+0.3
PMRV						02 42 31.1	
PMRV						02 42 36.6	
PMRV						02 42 38.1	
PMRV						02 41 09.9	+0.8
PMTG	Montargil	5.72	3	Pn	Pn	02 41 09.9	-0.1
PMTG						02 42 13.4	-2.5
PMTG						02 42 48.5	
PMTG						02 42 49.6	
EPLA	Plasencia	5.79	341	Pn	Pn	02 41 10.9	+0.3
EPLA	comp=N,60nm,SNR=0.7					02 41 13.1	
EPLA						02 42 14.8	-1.7
EIBI	Ibiza	5.99	41	Pn	Pn	02 41 14.3	+1.5
EIBI						02 42 17.3	-3.6
EIBI	Ibiza	5.99	41	Pn	Pn	02 41 13.7	+0.8
EIBI	comp=N,154nm,SNR=1.5					02 41 16.4	
EIBI						02 42 18.1	-3.4
PCBR	Castelo Branco	6.05	331	ePn	Pn	02 41 14.5	+0.5
PCBR						02 42 21.9	-3.0
PCBR						02 42 20.5	
PCBR						02 42 21.9	
PCBR						02 42 35.8	
PSARD	Sardoal	6.15	326	ePn	Pn	02 41 15.1	+0.1
PSARD						02 42 21.5	-3.9
PSARD						02 42 26.4	
PSARD						02 42 26.8	
PSARD						02 42 38.5	
E0901	Celadas (Terue)	6.22	18	Pn	Pn	02 41 17.4	+1.2
E0901	comp=N,110nm,SNR=2.0					02 41 20.5	
PMAFR	Mafra	6.25	316	Pn	Pn	02 41 16.7	+0.2
PMAFR						02 42 25.2	-2.9
PMAFR	Mafra	6.25	316	ePn	Pn	02 41 17.7	+1.1
EMOS	Mosqueruela	6.30	23	Pn	Pn	02 41 19.0	+1.6
ETOR	Torete	6.35	11	Pn	Pn	02 41 19.1	+1.2
ETOR	comp=N,78nm,SNR=1.2					02 41 23.0	
ETOR						02 42 56.4	+5.6
PSBE	So Bento	6.39	322	ePn	Sb	02 41 19.2	+0.8
PSBE						02 42 30.9	-1.4
PSBE						02 42 36.2	
PSBE						02 42 38.0	
PSBE						02 43 00.0	
MTE	Manteigas	6.56	333	ePn	Pn	02 41 21.4	+0.6
PCAS	Casmilho, Conde	6.66	326	ePn	Pn	02 41 22.7	+0.5
EJUZ	Juzbado, Salam	6.71	346	Pn	Pn	02 41 24.1	+1.3
PVIS	Viseu	6.96	333	Pn	Pn	02 41 26.6	+0.3
MVO	Moncorvo	7.07	339	ePn	Pn	02 41 28.3	+0.4
MVO						02 42 43.9	-4.4
MVO						02 42 46.5	
MVO						02 42 54.8	
MVO						02 43 25.0	
ERTA	Horta de San J	7.11	25	Pn	Pn	02 41 29.9	+1.6
ERTA	comp=N,93nm,SNR=1.7					02 41 33.3	
ETOS	Mallorca	7.32	43	Pn	Pn	02 41 33.2	+2.0
ETOS	comp=N,91nm,SNR=1.0					02 41 37.3	
ETOS						02 42 53.7	-0.6
PVRL	Vila Real	7.39	336	ePn	Pn	02 41 32.7	+0.6
PVRL						02 41 37.6	-4.5
PVRL						02 42 56.9	
PVRL						02 42 57.2	
PVRL						02 43 02.2	
POLO	Lamas de Olo	7.51	336	ePn	Pn	02 41 34.8	+1.0

POLO				eSn	Sn	02 42 54.7	-4.3
POLO				IAML		02 42 56.7	
POLO				IAML		02 43 05.2	
POLO				IAML		02 43 06.0	
PBRG	Braganca	7.59	342	ePn	Pn	02 41 35.7	+0.8
PBRG				eSn	Sn	02 41 37.5	-3.5
PBRG				IAML		02 42 59.3	
PBRG				IAML		02 42 60.0	
PBRG				IAML		02 43 00.5	
ECAL	Calabor	7.72	343	Pn	Pn	02 41 37.9	+1.2
ECAL				eSn	Sn	02 43 00.8	-3.4
PCAB	Cabril	7.88	336	ePn	Pn	02 41 39.9	+1.0

IDC 06 02:50:12.8;2.2, 15:03S;172.99W,h0km,mb3.5/5,
 mbmp3.5/5,MS3.3/2,Error ellipse: s-maj=127.1km
 s-min=20.6km az=148.0
 ISC 06 02:50:17.6;1.9,14.8S;0.6;173.0W;0.4,h29km,n15,
 c=206/8,mb3.4/5,Samoa Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
AFI	Afiamaul	1.43 53	Pn	02 50 41.1	-0.6
AFI	216nm,0.3s,baz=150,slow=9.7,SNR=210				
AFI				02 50 57.2	-2.3
AFI	245nm,0.3s,baz=258,slow=9.8,SNR=22				
AFI	comp=Z,185nm,21.5s,baz=206,slow=35			02 51 08.9	
MSVF	Nonsavu	9.13 250	LR	02 56 23.8	
MSVF	comp=Z,160nm,18.8s,baz=61,slow=34				
URZ	Urewera	24.99 199	LR	03 04 15.6	
URZ	comp=Z,80nm,19.1s,baz=357,slow=34				
H1S2	WAKE ISLAND Hy 38.65 328	T	T	03 38 14.5	
H1S2	baz=146,slow=76,SNR=11				
H1S3	WAKE ISLAND Hy 38.66 328	T	T	03 38 15.1	
H1S3	baz=146,slow=76,SNR=9.1				
H1S1	WAKE ISLAND Hy 38.67 328	T	T	03 38 15.7	
H1S1	baz=146,slow=76,SNR=10				
H1N3	WAKE ISLAND Hy 39.58 329	T	T	03 39 25.2	
H1N3	baz=147,slow=76,SNR=5.8				
H1N1	WAKE ISLAND Hy 39.59 329	T	T	03 39 25.7	
H1N1	baz=147,slow=76,SNR=5.8				
H1N2	WAKE ISLAND Hy 39.60 329	T	T	03 39 26.6	
H1N2	baz=147,slow=76,SNR=5.8				
WRA	Warramunga Arr	50.41 256	P	02 59 11.2	-1.6
WRA	0.4nm,0.7s,baz=90,slow=6.9,SNR=5.1				
WRA	0.4nm,0.7s				
ASAR	Alice Springs	50.72 251	P	02 59 13.2	-2.0
ASAR	1.5nm,0.2s,baz=88,slow=8.6,SNR=10				
ASAR	1.5nm,0.8s				
NVAR	Mina Array Bea	73.58 42	P	03 01 48.8	+0.3
NVAR	0.2nm,0.6s,baz=220,slow=5.9,SNR=2.0				
NVAR	0.2nm,0.6s				
TXAR	Lajitas Array	79.91 56	P	03 02 26.2	+1.9
TXAR	0.3nm,0.9s,baz=229,slow=5.9,SNR=2.2				
TXAR	0.3nm,0.9s				
ILAR	Eliso Array	81.75 11	P	03 02 35.3	+2.2
ILAR	0.3nm,0.7s,baz=206,slow=4.8,SNR=4.3				
ILAR	0.3nm,0.7s				
BRTR	Keskin Array B	145.93 322	PKPbc	03 09 55.1	-0.4
BRTR	0.0nm,0.6s,baz=38,slow=2.6,SNR=4.3				

DJA 06 02:53:57.0;1.0,7°N,7°12'8"E, h1km,10km, M4,9/23,
 mb5.0/23,mb3.1/13,MLV5.2/12,Mw(mB)4.7/13,
 MwMwp4.9/1,Mwp5.2/1
 MAN 06 02:53:59.0;6.82N;127.34E,h2km,MS4.9,
 BUJ 06 02:53:59.5;6.32N;127.14E,h66km,mb5.0/12,mb4.6/39,
 Ms4.4/20,Ms7.4/218
 NEIC 06 02:54:02.6;1.2,6.73N;0.07;127.15E;0.07,h47km;7km,
 mb4.8/60,Error ellipse: s-maj=12.8km s-min=7.3km
 az=222.0
 GCMT 06 02:54:04.6;0.

Table with columns: Station Name, Time, Res, ISC, h, r, s, ISC. Lists various stations like ALS, EGS, WNT, etc. with their respective data points.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC, h, r, s, ISC. Lists stations like JM2J Miyako jima3, JMG2 Gusukube, etc. with detailed parameters.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC, h, r, s, ISC. Lists stations like ESDC Sonseca Array, ESDC Sonseca Array, etc. with detailed parameters.

NEIC 06 03:57:13.3z 1.7, 37.22N, 0.06:71.21E, 0.07, h91km, 10km, mb4.4/4, Error ellipse: s-maj=9.7km s-min=5.6km az=137.0

NNC 06 03:57:13.9z 4.7, 37.63N, 70.97E, h0km, mb4.1, mpv3.9, Error ellipse: s-maj=9.8km s-min=38.2km az=155.0

IDC 06 03:57:18.6z 6.2, 37.62N, 71.28E, h122km, 40km, mb3.4/6, mbtmp3.8/12, Error ellipse: s-maj=61.2km s-min=26.8km az=161.0

ISC 06 03:57:12.8z 0.6, 37.16N, 0.05:71.42E, 0.06, h106km, n57, c1817/0, mb3.6/7, 2C-4D, Afghanistan-Tajikistan border region

IDC 06 04:02:34.7z 1.6, 11.96N, 86.33W, h0km, mb3.2/3, mbtmp3.3/4, ML2.0/2, MS1.8/1, Error ellipse: s-maj=70.2km s-min=29.7km az=50.0

CATAC 06 04:02:36.9z 0.2, 11.1N, 86.77W, h21km, M3.8/30, mb3.6/1, mb6.9/1, ML2.7k, B3/30, Mw(mb)6.8/1, Error ellipse: s-maj=3.7km s-min=2.7km az=19.9, confirmed

SNET 06 04:02:41.2z 1.2, 11.51N, 87.14W, h21km, ML3.6, Presumed earthquake

UCR 06 04:02:42.7z 1.2, 10.82N, 87.03W, h30km, 516km, MW3.5, Presumed earthquake

ISC 06 04:02:32.3z 1.5, 11.18N, 84.8738W, 0.03, h9km, 10km, n69, c1996/100, mb3.3/3, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC, h, r, s, ISC. Lists stations like COPN Copalpete, SAPS Ciudad Sandino, etc. with detailed parameters.

NC204 NORSAR Array S 44.30 323 P I Amb 04 05 13.6 -2.7

IDC 06 04:12:14.3z 5.6, 16.28S, 69.77W, h0km, mb3.3/1, mbtmp3.3/1, MS3.4/1, Error ellipse: s-maj=291.2km s-min=32.7km az=9.0, Peru-Bolivia border region

az=131.0
 NEIC 06 04:42:13.8±1.1, 6°84N:0°08'73.17W:0.1, h151km, gkm, mb4.0/3, Error ellipse: s-maj=16.7km s-min=9.0km az=125.0
 CATA 06 04:42:13.7±1.1, 7°N:4.7'4W: ", h292km, 19km, M4.0/8, mb4.0/3, mB5.2/1, MLV4.0/8, Mw(mB)4.6/1, Error ellipse: s-maj=9.3km s-min=7.4km az=58.7, confirmed
 RSNC 06 04:42:14.2±0.0, 7°N:1.7'3W: ", h146km, 1km, M3.6, mb3.9, mB5.3, ML3.3, Mw(mB)4.7
 FUNV 06 04:42:14.9, 7°20'N:73°24'W, h5km, MW3.7, Presumed earthquake

ISC 06 04:42:13.0±0.6, 868E:003°73'14W:0.0, h153km, 5km, n85, s163/127, mb3.9/12, 1C-1D, Northern Colombia

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
BARC	Barichara	0.27	189	Op	ISC	
BARC	Barichara	0.27	189	P	04 42 34.0	-0.2
BARC	Barichara	0.27	189	S	04 42 49.0	-1.3
PAMC	Pamplona, Colo	0.65	42	P	04 42 36.8	-0.7
PAMC	Pamplona, Colo	0.65	42	S	04 42 54.0	+0.3
RUSC	La Rusia	0.96	177	P	04 42 38.0	-0.3
RUSC	La Rusia	0.96	177	S	04 42 37.8	-0.5
RUSC	La Rusia	0.96	177	P	04 42 56.8	-0.9
RUSC	La Rusia	0.96	177	S	04 42 57.1	-0.6
RUSC	La Rusia	0.96	177	P	04 42 57.1	-0.6
RUSC	La Rusia	0.96	177	S	04 42 57.1	-0.6
PTBC	PUERTO BERRIO	1.34	256	P	04 42 40.5	-0.7
PTBC	PUERTO BERRIO	1.34	256	S	04 43 01.7	-1.1
OCAC	Ocana	1.38	353	P	04 42 42.2	+0.4
OCAC	Ocana	1.38	353	S	04 43 04.3	+0.4
SPBC	San Pablo de B	1.51	218	P	04 42 42.7	-0.4
SPBC	San Pablo de B	1.51	218	S	04 43 04.7	-1.4
NORC	Norcasia	2.15	233	P	04 42 49.7	-0.4
NORC	Norcasia	2.15	233	S	04 43 17.7	-0.9
CHIC	Chingaza	2.29	195	P	04 42 51.8	-0.4
CHIC	Chingaza	2.29	195	S	04 43 21.3	-1.0
ROSC	Ei Rosal	2.32	210	P	04 42 53.8	+1.2
ROSC	Ei Rosal	2.32	210	S	04 43 24.3	+1.4
ROSC	Ei Rosal	2.32	210	P	04 42 53.5	+0.9
ROSC	Ei Rosal	2.32	210	S	04 43 23.6	+0.8
ROSC	Ei Rosal	2.32	210	P	04 42 53.5	+0.9
ROSC	Ei Rosal	2.32	210	S	04 43 23.8	+0.8
MEDEC	Medellin, Ant	2.50	257	P	04 42 57.1	+1.2
MEDEC	Medellin, Ant	2.50	257	S	04 43 26.0	-0.4
UREC	San Jos de Ur	2.53	291	P	04 42 43.7	+1.3
UREC	San Jos de Ur	2.53	291	S	04 43 24.2	-2.7
GUY2C	Guayana, Caldas	2.74	234	P	04 42 58.0	+0.3
GUY2C	Guayana, Caldas	2.74	234	S	04 43 31.5	-0.7
VILC	Villavicencio	2.78	191	P	04 42 57.6	+0.3
VILC	Villavicencio	2.78	191	S	04 43 01.2	+1.2
NIZA	Niza - Manizal	2.93	232	P	04 43 01.2	+1.3
NIZA	Niza - Manizal	2.93	232	S	04 43 39.7	+3.6
CBOC	Ciudad Bolivar	3.02	251	P	04 43 01.4	+0.5
CBOC	Ciudad Bolivar	3.02	251	S	04 43 36.9	-1.0
DBBC	Dabeiba	3.05	273	P	04 43 01.2	0.0
DBBC	Dabeiba	3.05	273	S	04 43 37.1	-1.4
ARGC	Ariguani, Magd	3.18	340	P	04 43 04.0	+1.3
ARGC	Ariguani, Magd	3.18	340	S	04 43 39.6	-1.7
SDV	Santo Domingo	3.20	51	P	04 43 03.7	+0.5
SDV	Santo Domingo	3.20	51	S	04 43 41.6	-0.5
SDV	Santo Domingo	3.20	51	P	04 43 03.4	+0.2
SDV	Santo Domingo	3.20	51	S	04 43 03.6	+0.5
SDV	Santo Domingo	3.20	51	P	04 43 39.1	-2.9
SDV	Santo Domingo	3.20	51	S	04 43 07.0	0.0
APAC	Apartado, Choc	3.56	287	P	04 43 50.1	-0.1
APAC	Apartado, Choc	3.56	287	S	04 43 07.8	-0.1
PRAC	Prado	3.57	209	P	04 43 50.1	-0.4
PRAC	Prado	3.57	209	S	04 43 07.3	-0.6
PRAC	Prado	3.57	209	P	04 43 49.7	-0.8
PRAC	Prado	3.57	209	S	04 43 01.9	+0.1
PLMC	San Jos del P	3.68	238	P	04 43 52.4	+0.5
PLMC	San Jos del P	3.68	238	S	04 43 10.5	+0.2
LCBC	Los crdobas,	3.76	302	P	04 43 53.8	-1.0
LCBC	Los crdobas,	3.76	302	S	04 43 10.8	+0.1
URMC	La Uribe, Meta	3.79	199	P	04 43 54.4	-1.2
URMC	La Uribe, Meta	3.79	199	S	04 43 16.7	-0.7
YOTC	Yotoco, Valle	4.28	228	P	04 44 03.4	-3.7
YOTC	Yotoco, Valle	4.28	228	S	04 43 19.2	+0.5
SMRC	Santa Marta, M	4.41	346	P	04 44 07.7	-2.3
SMRC	Santa Marta, M	4.41	346	S	04 43 17.6	-2.7
CAPC	Capurgana	4.53	293	P	04 44 02.9	+2.1
CAPC	Capurgana	4.53	293	S	04 43 10.1	-1.0
PTAC	Punta Ardita,	4.64	274	P	04 43 20.7	-1.1
PTAC	Punta Ardita,	4.64	274	S	04 44 15.7	+0.4
MACC	Macarena, Meta	4.73	189	P	04 43 20.9	-2.1
MACC	Macarena, Meta	4.73	189	S	04 44 12.4	-5.2
URIB	Uribe	4.94	13	P	04 43 24.5	-1.3
URIB	Uribe	4.94	13	S	04 44 19.1	-3.5
URIC	Uribe, Colomb	4.95	13	P	04 43 24.5	-1.3
URIC	Uribe, Colomb	4.95	13	S	04 43 24.3	-1.5
URIC	Uribe, Colomb	4.95	13	P	04 44 15.6	-7.0
JAMC	Jamundi, Valle	5.05	224	P	04 43 26.9	-0.4
JAMC	Jamundi, Valle	5.05	224	S	04 44 24.4	-0.9
GARC	Garzon, Huila	5.20	207	P	04 43 28.1	-1.3
GARC	Garzon, Huila	5.20	207	S	04 44 23.0	-6.0
POPC	Popayan, Colom	5.55	220	P	04 43 33.7	-0.3
POPC	Popayan, Colom	5.55	220	S	04 44 34.2	-3.1
FLOC	Florencia	5.81	206	P	04 43 36.7	-0.5
FLOC	Florencia	5.81	206	S	04 43 36.6	-0.6
FLOC	Florencia	5.81	206	P	04 44 40.8	-2.4
FLOC	Florencia	5.81	206	S	04 44 44.2	+0.1
BBAC	Balboa, Cauca	6.31	221	P	04 44 52.9	-2.6
BBAC	Balboa, Cauca	6.31	221	S	04 43 51.5	-1.8
BCIP	Isa Barro Col	7.02	290	P	04 45 11.4	-0.6
BCIP	Isa Barro Col	7.02	290	S	04 44 20.9	-2.7
CGDC	Canos	9.29	138	P	04 45 02.9	-1.7
CGDC	Canos	9.29	138	S	04 45 03.2	+2.8
MTDJ	Mount Denham	12.08	340	Pn	04 45 03.1	+2.7
MTDJ	Mount Denham	12.08	340	Pn	04 45 03.2	+2.8
SDDR	Pres de Saban	12.19	8	P	04 45 04.5	+2.8
GTBY	Guantanamo Bay	13.13	352	P	04 45 17.3	-0.9
RDC	Rio Carpintero	13.29	349	P	04 45 19.0	-1.0
MARVS	Santiago de Cu	13.34	349	P	04 45 18.9	-0.7
QMBU	Quimbeulo	13.35	353	P	04 45 18.9	+2.2
PINC	Pinares de May	13.79	350	P	04 45 25.0	-0.6
YAR	Yar	13.79	347	P	04 45 26.5	+0.9
MPOM	Morne Pous Mar	14.23	37	Pn	04 45 27.1	-0.5
CBCY	The Bluff, Cays	14.33	334	P	04 45 31.4	+0.2
LCPC	Blossom Villag	14.41	333	P	04 45 33.7	+1.2
TEIG	Tepeich	19.80	314	P	04 46 36.1	+1.3
VILB	Vilhen	23.51	147	P	04 47 09.4	+0.2
VILB	Vilhen	23.51	147	Iamb	04 47 21.9	
W50A	Signal Mount,	30.35	340	P	04 48 11.7	+1.4
W50A	Signal Mount,	30.35	340	P	04 48 20.7	+0.2
HVVT	Hebbronville	31.50	313	P	04 48 26.7	+1.1
WVW	Waverly	32.09	337	P	04 48 27.1	
WVW	Waverly	32.09	337	Iamb	04 48 27.1	
TXAR	Lajitas Array	36.42	312	P	04 49 03.8	+0.7
TXAR	Lajitas Array	36.42	312	PcP	04 51 24.6	+0.5
TXAR	Lajitas Array	36.42	312	P	04 49 03.9	+0.8
TXAR	Lajitas Array	36.42	312	PcP	04 51 24.8	+0.6
ULM	Lac du Bonnet	47.24	340	P	04 50 29.8	-0.8
ULM	Lac du Bonnet	47.24	340	P	04 50 30.0	-0.5
PLCA	Paso Flores	47.41	177	P	04 50 32.4	+0.4
PLCA	Paso Flores	47.41	177	Iamb	04 50 00.6	
BSUT	Blindstream Ca	47.45	321	P	04 50 33.2	+0.4
BSUT	Blindstream Ca	47.45	321	Iamb	04 50 34.4	
V12A	Nelson	47.77	313	P	04 50 36.0	+1.0
V12A	Nelson	47.77	313	Iamb	04 50 44.2	
PDAR	Pinedale Array	48.04	324	P	04 50 36.0	-1.1
PDAR	Pinedale Array	48.04	324	P	04 50 37.5	+0.4

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
SCHO	Schefferville	48.11	5	P	04 50 36.3	-0.8
SCHO	Schefferville	48.11	5	Iamb	04 50 37.4	+0.3
SCHO	Schefferville	48.11	5	P	04 50 57.4	
BGU	Big Grassy Mout	49.10	320	P	04 50 45.5	+0.4
BGU	Big Grassy Mout	49.10	320	Iamb	04 50 48.0	
MOOW	Moose Ponds	49.32	324	P	04 50 46.6	-0.2
MOOW	Moose Ponds	49.32	324	P	04 50 59.8	+0.9
NVAR	Mina Array Bea	51.44	315	P	04 51 02.7	-0.2
NVAR	Mina Array Bea	51.44	315	P	04 51 03.6	+0.8
YKA	Yellowknife Ar	63.22	340	P	04 52 24.4	-0.3
ASAR	Alice Springs	149.12	234	PKPbc	05 01 42.5	-1.6
ASAR	Alice Springs	149.12	234	PKPbc	05 01 42.3	-1.8
WRA	Warramunga Arr	150.24	241	PKPbc	05 01 45.4	-1.7

ISC 06 04:46:40.8±7.5, 0°13'N:98°77'E, h0km, mb4.0/4, mbtmp4.0/5, ML4.6/1, MS3.1/2, Error ellipse: s-maj=163.6km s-min=11.5km az=126.0
 NEIC 06 04:46:54.4±1.0, 0°73'N:0°09'98.95E:0.08, h69km, 3km, mb4.4/1, Error ellipse: s-maj=13.1km s-min=11.2km az=172.0
 DJA 06 04:46:57.8±0.4, 1°N:3°9'E, h49km, 10km, M3.8/12, MLV3.8/12
 ISC 06 04:46:55.9±0.7, 0°89'N:0°07'98.84E:0.08, h86km, n34, s145/27, mb4.2/11, Northern Sumatera

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
MNSI	Mandailing Nat	0.74	97	Op	ISC	
MNSI	Mandailing Nat	0.74	97	P	04 47 13.3	+0.8
MNSI	Mandailing Nat	0.74	97	S	04 47 19.2	-0.2
GSI	Gunungsitoli	1.33	288	Pn	04 47 35.9	-1.2
GSI	Gunungsitoli	1.33	288	S	04 47 35.2	-0.3
PSI	Prapat	1.80	3	P	04 47 35.9	-1.0
PDSI	Padang	2.41	138	P	04 47 35.6	+2.1
KCSI	Kotacane, Aceh	2.83	338	P	04 47 39.7	+0.6
LEM	Lembang	11.63	131	LR	04 54 42.6	
CMAR	Chiang Mai Arr	17.46	0	P	04 50 55.1	+1.1
CMAR	Chiang Mai Arr	17.46	0	P	04 50 53.6	-0.5
KAPI	Kappang	21.89	106	P	04 51 36.7	-3.4
KAPI	Kappang	21.89	106	Iamb	04 51 40.4	
H08S2	Diego Garcia H	27.61	252	T	05 20 10.5	
H08S3	Diego Garcia H	27.61	252	T	05 20 06.6	
H08T1	Diego Garcia H	27.63	252	T	05 20 09.8	
FITZ	Fitzroy Crossi	32.42	127	P	04 53 14.6	-3.3
FITZ	Fitzroy Crossi	32.42	127	Iamb	04 53 21.6	
NWAO	Narogin (SRO)	37.84	154	LR	05 08 50.6	
WRA	Warramunga Arr	40.62	123	P	04 54 25.6	-2.2
WRA	Warramunga Arr	40.62	123	Iamb	04 54 35.1	
SOMN	Songino Array	47.22	7	P	04 55 21.7	+1.4
SOMN	Songino Array	47.22	7	P	04 55 21.7	+1.4
MK31	Makanchi Array	47.96	345	P	04 55 27.2	+1.3
MKAR	Makanchi Array	47.96	345	P	04 55 26.9	+1.0
MKAR	Makanchi Array	47.96	345	P	04 56 26.8	+0.9
KURB	Kurchatov Arra	52.47	344	P	04 56 00.3	+0.4
KURK	Kurchatov	52.53	344	P	04 56 01.3	+1.0
KURK	Kurchatov	52.53	344	Iamb	04	

6d 5h

Table with columns: TORIDI, Ar. Bea, 46.69 325 P, 05 07 29.6 +1.3, SNAAS, SNAAS, Sanae, 47.73 192 P, 05 07 37.1 +1.3, etc.

ASRS 06 05:06:24.0±0.8, 53°60N-87°14E, h0km, M2.4(MOS). The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, 146RU ZALESOVO INFRA, 1.25 263 I, 05 14 30.00, etc.

IDC 06 05:20:55.8±0.6, 7°54N-127°03E, h0km, mb3.9/13, mbmp4.0/14, ML4.9/2, MS3.2/19, Error ellipse: s-maj=2.1km s-min=1.4km az=70.0

NEIC 06 05:20:50.0±1.8, 7°48N:0.07°126.94E:0.06, h21km±4km, mb4.5/19, Error ellipse: s-maj=11.0km s-min=8.0km az=213.0

MAN 06 05:21:02.0±0.7, 36°N:126°62E, h19km, MS4.0, DJA 06 05:21:07.1±1.1, 7°N:8°12'6E", h104km±10km, MS.0/10, mb5.2/5, mb5.17/ML, MS.1/10, Mw(mb)4.6/5

ISC 06 05:21:00.2±1.5, 7°38N:0.04°126.87E:0.06, h26km±11km, n89, c180/86, mb4.3/23, MS3.2/16, Mindanao

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, CDOP Cateel, Davao, 0.58 313 I, 05 21 13.5 +0.6, etc.

2020 MAY

Main station list table with columns: MAJO Matsushiro, 30.82 18 P, 05 27 11.9 -2.2, MJAR Matsushiro Arr, 30.82 18 P, 05 27 11.8 -2.3, etc.

370

Table with columns: DRKO Durika, 4.06 302 P, 05 25 28.2 -3.5, PLMC San Jos del P, 4.10 122 P, 05 25 31.6 -0.6, etc.

NEIC 06 05:35:53.9±0.5, 17°94N:0°02'66.68W:0°01, h14km±3km, ML3.5/33, Md3.2/14(RSPR), Error ellipse: s-maj=3.5km s-min=1.2km az=170.0

RSPR 06 05:35:54.4±1.7, 96N:66°70W, h10km, MD3.2/14, OSPL 06 05:35:54.6±0.5, 18°01N:66°69W, h16km±5km, ML3.5, Presumed earthquake

ISC 06 05:35:54.3±1.0, 17°95N:0°04'66.68W:0°02, h15km±5km, n57, c080/67, 9C-7D, Puerto Rico region

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, OBIP Obispado Ponce, 0.12 38 P, 05 35 57.5 -0.2, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like 551A Beattyville, 747A Sharon Grove, 1775 Wittich Falls, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like SFX San Felipe, T25A Trinidad, DBIC Dimba, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like RSSD Black Hills, RSSD Dugway, TUC Toone Canyon, etc.

Table with columns: RIDG, J25K, DOST, SCRK, D23K, C23K, BMAR, K29M, I30M, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Salcha River, Lake, Sand Creek, etc.

IDC 06:07:40.11.2.3.53.42N.87.37E, h0km, mbtmp2.5/2, ML1.5/2, Error ellipse: s-maj=28.7km s-min=17.0km

ASRS 06:07:40:09.0.1.0.53.646N.87.47E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ZALESOVO INFRA, ZALV, ZALV, KURBB, MKAR.

IDC 06:07:50:07.4.3.1.53.57N.87.33E, h0km, mbtmp2.5/2, ML2.3/2, Error ellipse: s-maj=27.2km s-min=17.1km

ASRS 06:07:50:12.0.1.2.53.66N.87.01E, h0km, M2.4(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ZALESOVO INFRA, ZALV, ZALV, KURBB, MKAR.

ASRS 06:08:00:58.0.0.9.54.30N.86.85E, h0km, M2.6(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

IDC 06:08:01:04.1.3.1.54.13N.86.58E, h0km, mbtmp2.8/2, ML2.4/2, Error ellipse: s-maj=25.3km s-min=14.6km

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ZALESOVO INFRA, ZALV, ZALV, KURBB, MKAR.

TEH 06:08:07:50.7.33.79N.48.08E, h12km, 13km, ML5.0, Presumed earthquake

THR 06:08:07:51.2.0.0.33.75N.48.12E, h10km, 24km, ML5.1, Presumed earthquake

IDC 06:08:07:53.0.0.6.33.76N.48.00E, h32km, 3km, mb3.7/19, mbtmp3.9/26, ML3.4/7, MS4.2/80, Error ellipse: s-maj=13.5km s-min=10.6km

ISC 06:08:07:50.8.1.1.33.70N.0.04.48.02E.0.03, h14km, 7km, h174, s156/114, mb3.9/19, MS4.2/72, Western Iran

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like IDOB, BDRS, IBZA, KCHF, IGHG, ILBA, KHMZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GLG1, HGHA, AMIS, QABG, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like IPIR, NSRA, JHBN, IQOM, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: TABS, MRVT, MRVT, SBVZ, SBVZ, ASF, ASF, ASF, JRN, JRN, etc.

Table with columns: JRN, JRN, JRN, JRN, JRN, JRN, etc.

Table with columns: SHME, SHME, SHME, SHME, SHME, SHME, etc.

Table with columns: MMAL, MMAL, MMAL, MMAL, MMAL, MMAL, etc.

Table with columns: GHWR, GHWR, GHWR, GHWR, GHWR, GHWR, etc.

Table with columns: MASF, MASF, MASF, MASF, MASF, MASF, etc.

Table with columns: MDH, MDH, MDH, MDH, MDH, MDH, etc.

Table with columns: MDH, MDH, MDH, MDH, MDH, MDH, etc.

Table with columns: ASUD, ASUD, ASUD, ASUD, ASUD, ASUD, etc.

Table with columns: FAO, FAO, FAO, FAO, FAO, FAO, etc.

Table with columns: UOSS, UOSS, UOSS, UOSS, UOSS, UOSS, etc.

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Table with columns: HATD, HATD, HATD, HATD, HATD, HATD, etc.

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Table with columns: EIL, EIL, EIL, EIL, EIL, EIL, etc.

Table with columns: SOHO, SOHO, SOHO, SOHO, SOHO, SOHO, etc.

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Table with columns: BIDO, BIDO, BIDO, BIDO, BIDO, BIDO, etc.

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Table with columns: WSAR, WSAR, WSAR, WSAR, WSAR, WSAR, etc.

Table with columns: WBK, WBK, WBK, WBK, WBK, WBK, etc.

Table with columns: JLJN, JLJN, JLJN, JLJN, JLJN, JLJN, etc.

Table with columns: JLJN, JLJN, JLJN, JLJN, JLJN, JLJN, etc.

Table with columns: DOCK, DOCK, DOCK, DOCK, DOCK, DOCK, etc.

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Table with columns: WHFO, WHFO, WHFO, WHFO, WHFO, WHFO, etc.

Table with columns: ABTO, ABTO, ABTO, ABTO, ABTO, ABTO, etc.

Table with columns: SHAO, SHAO, SHAO, SHAO, SHAO, SHAO, etc.

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Table with columns: IDI, IDI, IDI, IDI, IDI, IDI, etc.

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Table with columns: AKASG, AKASG, AKASG, AKASG, AKASG, AKASG, etc.

Table with columns: AKASG, AKASG, AKASG, AKASG, AKASG, AKASG, etc.

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Table with columns: ATT, ATT, ATT, ATT, ATT, ATT, etc.

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Table with columns: ARTI, ARTI, ARTI, ARTI, ARTI, ARTI, etc.

Table with columns: BVAR, BVAR, BVAR, BVAR, BVAR, BVAR, etc.

Table with columns: KURBB, KURBB, KURBB, KURBB, KURBB, KURBB, etc.

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Table with columns: MKAR, MKAR, MKAR, MKAR, MKAR, MKAR, etc.

Table with columns: MKAR, MKAR, MKAR, MKAR, MKAR, MKAR, etc.

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Table with columns: KEST, KEST, KEST, KEST, KEST, KEST, etc.

Table with columns: ZALV, ZALV, ZALV, ZALV, ZALV, ZALV, etc.

Table with columns: HFS, HFS, HFS, HFS, HFS, HFS, etc.

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Table with columns: NOA, NOA, NOA, NOA, NOA, NOA, etc.

Table with columns: MBAR, MBAR, MBAR, MBAR, MBAR, MBAR, etc.

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Table with columns: ARCES, ARCES, ARCES, ARCES, ARCES, ARCES, etc.

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Table with columns: EKA, EKA, EKA, EKA, EKA, EKA, etc.

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Table with columns: ESDC, ESDC, ESDC, ESDC, ESDC, ESDC, etc.

Table with columns: ESDC, ESDC, ESDC, ESDC, ESDC, ESDC, etc.

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Table with columns: MDT, MDT, MDT, MDT, MDT, MDT, etc.

Table with columns: LZDM, LZDM, LZDM, LZDM, LZDM, LZDM, etc.

Table with columns: SONM, SONM, SONM, SONM, SONM, SONM, etc.

Table with columns: SPITS, SPITS, SPITS, SPITS, SPITS, SPITS, etc.

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Table with columns: CMAR, CMAR, CMAR, CMAR, CMAR, CMAR, etc.

Table with columns: JMIC, JMIC, JMIC, JMIC, JMIC, JMIC, etc.

Table with columns: BORG, BORG, BORG, BORG, BORG, BORG, etc.

Table with columns: OPO, OPO, OPO, OPO, OPO, OPO, etc.

Table with columns: LSZ, LSZ, LSZ, LSZ, LSZ, LSZ, etc.

Table with columns: HILR, HILR, HILR, HILR, HILR, HILR, etc.

Table with columns: TBI, TBI, TBI, TBI, TBI, TBI, etc.

Table with columns: DIXC, DIXC, DIXC, DIXC, DIXC, DIXC, etc.

Table with columns: YAK, YAK, YAK, YAK, YAK, YAK, etc.

Table with columns: TSUM, TSUM, TSUM, TSUM, TSUM, TSUM, etc.

Table with columns: KLR, KLR, KLR, KLR, KLR, KLR, etc.

Table with columns: LBTB, LBTB, LBTB, LBTB, LBTB, LBTB, etc.

Table with columns: SFJD, SFJD, SFJD, SFJD, SFJD, SFJD, etc.

Table with columns: KSR5, KSR5, KSR5, KSR5, KSR5, KSR5, etc.

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Table with columns: BOSA, BOSA, BOSA, BOSA, BOSA, BOSA, etc.

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Table with columns: JUNU, JUNU, JUNU, JUNU, JUNU, JUNU, etc.

Table with columns: MA2, MA2, MA2, MA2, MA2, MA2, etc.

Table with columns: JOW, JOW, JOW, JOW, JOW, JOW, etc.

Table with columns: TGY, TGY, TGY, TGY, TGY, TGY, etc.

Table with columns: LEM, LEM, LEM, LEM, LEM, LEM, etc.

Table with columns: FRB, FRB, FRB, FRB, FRB, FRB, etc.

Table with columns: FRB, FRB, FRB, FRB, FRB, FRB, etc.

Table with columns: MJAR, MJAR, MJAR, MJAR, MJAR, MJAR, etc.

Table with columns: JHJ, JHJ, JHJ, JHJ, JHJ, JHJ, etc.

Table with columns: SCHO, SCHO, SCHO, SCHO, SCHO, SCHO, etc.

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Table with columns: DAV, DAV, DAV, DAV, DAV, DAV, etc.

Table with columns: KAPI, KAPI, KAPI, KAPI, KAPI, KAPI, etc.

Table with columns: INK, INK, INK, INK, INK, INK, etc.

Table with columns: JCJ, JCJ, JCJ, JCJ, JCJ, JCJ, etc.

Table with columns: ILAR, ILAR, ILAR, ILAR, ILAR, ILAR, etc.

Table with columns: SHEM, SHEM, SHEM, SHEM, SHEM, SHEM, etc.

Table with columns: YKA, YKA, YKA, YKA, YKA, YKA, etc.

Table with columns: YKA, YKA, YKA, YKA, YKA, YKA, etc.

Table with columns: BATI, BATI, BATI, BATI, BATI, BATI, etc.

Table with columns: SIJI, SIJI, SIJI, SIJI, SIJI, SIJI, etc.

Table with columns: KDAK, KDAK, KDAK, KDAK, KDAK, KDAK, etc.

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Table with columns: SADO, SADO, SADO, SADO, SADO, SADO, etc.

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Table with columns: NWA0, NWA0, NWA0, NWA0, NWA0, NWA0, etc.

Table with columns: BBB, BBB, BBB, BBB, BBB, BBB, etc.

Table with columns: MDP, MDP, MDP, MDP, MDP, MDP, etc.

Table with columns: NEW, NEW, NEW, NEW, NEW, NEW, etc.

Table with columns: TKL, TKL, TKL, TKL, TKL, TKL, etc.

Table with columns: SJG, SJG, SJG, SJG, SJG, SJG, etc.

Table with columns: ASAR, ASAR, ASAR, ASAR, ASAR, ASAR, etc.

Table with columns: MOS, MOS, MOS, MOS, MOS, MOS, etc.

Table with columns: NEIC, NEIC, NEIC, NEIC, NEIC, NEIC, etc.

Table with columns: GCMT, GCMT, GCMT, GCMT, GCMT, GCMT, etc.

Table with columns: M4, M4, M4, M4, M4, M4, etc.

Table with columns: Principal axes, Principal axes, Principal axes, Principal axes, Principal axes, Principal axes, etc.

GERES	GERESS Array B	29.68 311	P	P	08 14 03.6 -1.5
GERES	GERESS Array B	29.68 311	P	P	08 14 03.7 -1.5
GERES	GERESS Array B	29.68 311	pP	P	08 14 04.2 -1.0
KHC	KHC	comp=Z,1.7nm,0.6s,baz=117,slow=7.6,SNR=6.7	pP	IaMb	08 14 05.0 -1.5
KHC	KHC	comp=Z,2.0nm,1.7s	IaMb	IaMb	08 14 13.8
KHC	KHC	Kasperske Hory	29.85 311ceP	P	08 14 08.4 +1.8
KHC	KHC	comp=Z,9.0nm,1.3s	pP	pmax	
KHC	KHC	Kasperske Hory	29.85 311	eP	08 14 06.0 -0.6
ABTA	Abfaltersbach	29.90 306	eP	P	08 14 07.6 +0.5
CTI	Castel Tesino	30.34 305	P	P	08 14 10.5 -0.5
CTI	Castel Tesino	30.34 305	P	P	08 14 10.5 -0.5
CTI	CTI	comp=Z,2.0nm,1.2s	pmax	pmax	
WTTA	Wattenberg	30.60 307	eP	P	08 14 12.9 -0.5
ZSN	ZSN	comp=Z,9.4nm,0.6s			
ZSN	ZSN	Zaisan	30.76 52	eP	08 14 16.4 +1.8
ZSN	ZSN	Zaisan	30.76 52	eP	08 14 16.4 +1.8
SQTA	Sankt Quirin	30.88 307	eP	P	08 14 15.3 -0.5
CLL	Collm	30.93 315	eP	P	08 14 15.0 -1.0
CLL	Collm	30.93 315	eP	P	08 14 15.0 -1.0
CLL	CLL	ex	S	X	08 14 29.0
CLL	CLL	ex	S	X	08 19 30.0 +1.0
CLL	CLL	ex	S	X	08 21 12.0
CLL	CLL	ex	S	X	08 21 54.0
MOTA	Moosalm	30.97 307	eP	P	08 14 16.3 -0.4
FETA	Feichten	31.15 306	eP	P	08 14 17.8 -0.5
FINES	FINES	comp=Z,1.7nm,0.9s			
FINES	FINES	comp=Z,1.0nm,0.3s			
RETA	Reutte	31.23 307	eP	P	08 14 18.5 -0.3
FUORN	Fuorn	31.39 306	P	IaMb	08 14 20.3 -0.2
FUORN	FUORN	comp=Z,1.9nm,1.2s	IaMb	IaMb	08 14 39.1
VSL	Villasalto	31.49 292	P	P	08 14 20.4 -0.8
DAVA	Damuels	31.77 307	eP	P	08 14 23.3 -0.4
TUE	Tuetta	31.99 305	IaMb	IaMb	08 14 57.2
WMQ	Urumqi	32.16 60	eP	LR	08 14 30.4 +3.3
WMQ	WMQ	comp=Z,2.0nm,24.5s	LR	LR	
LODK	Lodwar	32.42 204	P	IaMb	08 14 30.6 +1.1
LODK	LODK	comp=Z,1.4nm,0.8s	IaMb	IaMb	08 14 41.5
ZAAO	Zalesovo Array	32.76 41	P	P	08 14 32.6 +0.5
ZALV	Zalesovo Beam	32.76 41	pP	pmax	08 14 33.5 +1.4
ZALV	ZALV	comp=Z,2.0nm,0.5s	pmax	pmax	
ZALV	Zalesovo Beam	32.76 41	pP	P	08 14 32.6 +0.5
SENNI	Lac Senin/Sane	33.37 305	P	P	08 14 37.4 -0.4
SENNI	SENNI	comp=Z,2.4nm,1.4s	IaMb	IaMb	08 14 49.5
HFS	Hagfors	34.69 330	pP	P	08 14 47.9 -0.9
APA	Apatty	34.96 350	iP	P	08 14 50.3 -0.8
APA	APA	comp=Z,2.5nm,0.5s,baz=130,slow=8.6,SNR=4.4	iP	P	08 16 07.0
APA	APA	comp=Z,1.3nm,0.9s	iSS	pmax	08 20 19.3 -3.2
APA	APA	comp=Z,1.3nm,0.9s	iSS	pmax	08 22 38.5 +1.3
APA	APA	comp=Z,1.1nm,1.1s	MLR	MLR	
NB2	NORSAR Subarra	36.21 330	P	P	08 15 00.8 -1.1
NOA	NORSAR Array B	36.21 330	pP	P	08 15 00.8 -1.1
LSA	Lhasa	36.60 84	P	pmax	08 15 07.0 +0.9
LSA	LSA	comp=Z,2.0nm,0.6s,baz=124,slow=8.4,SNR=2.7	pmax	pmax	
MBAR	Mbarara	37.87 209	iP	pmax	08 15 21.1 +4.5
MBAR	MBAR	comp=Z,1.4nm,0.8s	pmax	pmax	
ARCES	ARCESS Array B	38.02 347	pmax	pmax	
ARCES	ARCESS Array B	38.02 347	pP	P	08 15 16.9 -0.3
GOMU	GeErMu	38.03 73	pP	pP	08 15 20.0 +1.9
GOMU	GOMU	comp=Z,6.6nm,1.0s,baz=148,slow=9.3,SNR=3.7	pP	pP	08 15 22.2 +0.5
GOMU	GOMU	comp=Z,1.1nm,1.1s	sP	pmax	08 15 25.6 +2.4
SHL	Shilong	38.63 90	P	P	08 15 22.5 -0.5
SHL	Shilong	38.63 90	P	P	08 15 22.5 -0.5
SHL	SHL	comp=Z,3.8nm,1.1s	pmax	pmax	
KNGR	Kungurtug, Tuv	39.49 49	iP	P	08 15 32.0 +2.2
KNGR	KNGR	comp=Z,1.3nm,0.8s	pmax	pmax	
PALK	Pallekele	39.95 124	iP	P	08 15 38.1 +4.1
PALK	Pallekele	39.95 124	P	P	08 15 40.0 +6.0
EKA	Eskdalemuir Ar	41.32 317	pP	P	08 15 43.8 -1.0
GTA2	Gaotai	41.36 67	eP	pmax	08 15 47.4 +1.9
GTA2	GTA2	comp=Z,9.0nm,1.3s	LR	LR	
GTA2	GTA2	comp=Z,4.0nm,1.7s	LR	LR	
GTA2	GTA2	comp=Z,2.0nm,1.6s	LR	LR	
GTA2	GTA2	comp=Z,4.7nm,16.2s	LR	LR	
ESDC	Sonsecsa Array	41.73 294	pP	P	08 15 47.9 -0.6
MOY	Mondy	41.76 48	eP	pmax	08 15 51.0 +2.4
NRİK	Noril'sk	41.83 20	P	IaMb	08 15 48.9 +0.1
NRİK	NRİK	comp=Z,1.6nm,1.1s	IaMb	IaMb	08 15 57.3
NRİK	NRİK	Noril'sk	41.83 20	iP	08 15 48.3 -0.5
NRİK	NRİK	comp=Z,1.5nm,1.4s	pmax	pmax	
ZAK	Zakamensk	43.15 50	eP	pmax	08 16 01.3 +1.4
ZAK	ZAK	comp=Z,1.3nm,1.9s	pmax	pmax	
MVO	Moncorvo	43.82 296	etx	tx	08 16 19.4
MVO	MVO	IAMS_20	IAMS_20	IAMS_20	08 40 07.4
IRK	irkutsk	43.82 47	eP	pmax	08 16 05.2 0.0
MD01	Midelt array s	43.83 284	P	tx	08 16 06.6 +0.9
MTE	Manteigas	44.33 295	etx	tx	08 16 19.6
MTE	MTE	IAMS_20	IAMS_20	IAMS_20	08 37 12.8
PBAR	Barrancos	44.36 292	etx	tx	08 16 17.3
PCBR	Castello Branco	44.38 295	eP	P	08 16 10.7 +0.9
PMRV	Marv'???	44.39 294	IAMS_20	IAMS_20	08 36 09.0
PGAV	Gavieira, Arco	44.62 298	eP	pmax	08 16 12.2 +0.4
PGAV	PGAV	comp=Z,1.5nm,18.0s	IAMS_20	IAMS_20	08 38 44.5
PBEJ	Beja	45.03 292	etx	tx	08 16 22.4
PVAQ	Vaqueiros	45.05 291	IAMS_20	IAMS_20	08 41 57.0
LZH	Lanzhou	45.20 71	eP	pP	08 16 17.1 +0.5
LZH	LZH	comp=Z,8.1nm,18.0s	sP	pmax	08 16 23.7 +2.0
LZH	LZH	comp=Z,2.4nm,1.2s	pmax	pmax	
LZH	LZH	comp=Z,2.0nm,4.5s	LR	LR	
LZH	LZH	comp=Z,1.9nm,17.3s	LR	LR	
LZH	LZH	comp=Z,4.2nm,17.0s	LR	LR	
LZH	LZH	comp=Z,6.0nm,18.9s	LR	LR	
ULN	Ulaanbaatar	45.70 54	P	IaMb	08 16 19.2 -1.2
ULN	ULN	comp=Z,1.2nm,0.9s	IaMb	IaMb	08 16 59.2
ULN	ULN	Ulaanbaatar	45.70 54	iP	08 16 21.2 +0.8
ULN	ULN	comp=Z,1.5nm,1.5s	pmax	pmax	

ULN	Ulaanbaatar	45.70 54	P	P	08 16 22.0 +1.6
ULN	ULN	comp=Z,5.7nm,0.9s	P	P	
PZH	PanZhiHua	46.48 84	P	P	08 16 28.6 +1.8
SPITS	Spitsbergen Ar	46.63 351	pP	P	08 16 27.8 +0.5
TORD	Torodi Ar. Bea	46.84 256	P	IaMb	08 16 28.8 -0.8
TORD	TORD	comp=Z,1.1nm,1.2s	IaMb	IaMb	08 16 38.7
TORD	Torodi Ar. Bea	46.84 256	pP	P	08 16 29.9 +0.4
TORD	TORD	comp=Z,2.8nm,0.6s,baz=63,slow=6.7,SNR=15.4	pP	P	08 16 34.6 +0.4
CHTO	Chiang Mai	47.44 95	P	P	08 16 34.6 +0.4
CHTO	Chiang Mai	47.44 95	P	P	08 16 34.6 +0.4
CHTO	CHTO	comp=Z,1.9nm,1.1s	pmax	pmax	
CMAR	Chiang Mai Arr	47.61 95	P	P	08 16 35.2 -0.3
CMAR	Chiang Mai Arr	47.61 95	pP	P	08 16 36.1 +0.5
KM12	Kumming	47.84 85	P	pmax	08 16 38.1 +0.6
KM12	KM12	comp=Z,3.5nm,0.7s,baz=295,slow=8.0,SNR=5.4	P	P	
KM12	KM12	comp=Z,1.3nm,1.0s	LR	LR	
KM12	KM12	comp=Z,2.5nm,18.8s	LR	LR	
KM12	KM12	comp=Z,2.260nm,21.1s	LR	LR	
KM12	KM12	comp=Z,2.270nm,25.2s	LR	LR	
BT02	Baotou	48.75 63	eP	S	08 16 42.5 -1.8
BT02	BT02	comp=Z,1.6nm,0.7s	S	S	08 23 44.3 -2.9
BT02	BT02	comp=Z,2.220nm,4.3s	pmax	pmax	
BT02	BT02	comp=Z,1.1um,22.4s	LR	LR	
BT02	BT02	comp=Z,480nm,17.8s	LR	LR	
BT02	BT02	comp=Z,640nm,16.8s	LR	LR	
XAN	Xi'an	49.76 72	P	P	08 16 47.8 -4.2
XAN	XAN	comp=Z,1.7nm,1.0s	pmax	pmax	
XAN	XAN	comp=N,360nm,17.1s	LR	LR	
XAN	XAN	comp=E,350nm,18.4s	LR	LR	
XAN	XAN	comp=Z,360nm,18.0s	LR	LR	
HHC	Hu-ho-hao-te	49.98 62	eP	P	08 16 53.8 +0.2
HHC	HHC	comp=Z,4.0nm,0.5s	pmax	pmax	
HHC	HHC	comp=Z,48nm,3.6s	pmax	pmax	
HHC	HHC	comp=Z,190nm,16.1s	LR	LR	
HHC	HHC	comp=Z,1.70nm,13.3s	LR	LR	
DBG	Daneborg	52.03 341	iP	P	08 17 09.5 +1.1
DBG	DBG	comp=Z,1.7nm,1.3s	IaMb	IaMb	08 17 16.2
DAG	Danmarks Havn	52.18 344	iP	P	08 17 09.0 -0.5
DAG	DAG	comp=Z,2.23nm,1.4s	IaMb	IaMb	08 17 16.1
LSZ	Lusaka	52.31 205	P	IaMb	08 17 11.8 +0.5
LSZ	LSZ	comp=Z,1.5nm,1.0s	IaMb	IaMb	08 17 19.7
LSZ	LSZ	comp=Z,1.5nm,1.0s	pmax	pmax	
LYN	LuoYang	52.40 70	pP	pP	08 17 13.4 +1.7
LYN	LYN	comp=Z,1.5nm,1.0s	pP	pP	08 17 18.3 +1.4
LYN	LYN	comp=Z,1.3nm,0.7s	pmax	pmax	
LYN	LYN	comp=Z,68nm,3.8s	LR	LR	
LYN	LYN	comp=Z,450nm,16.5s	LR	LR	
LYN	LYN	comp=Z,370nm,15.5s	LR	LR	
LYN	LYN	comp=Z,680nm,18.9s	LR	LR	
NOR	Nord	53.23 350	iP	IaMb	08 17 16.9 -0.3
NOR	NOR	comp=Z,2.0nm,1.5s	IaMb	IaMb	08 17 23.8
HILR	Hailar Array B	53.79 50	pP	P	08 17 22.9 +1.0
HILR	HILR	comp=Z,1.4nm,0.5s,baz=264,slow=7.3,SNR=3.3	pP	P	
TIXI	Tiksi	55.49 22	iP	P	08 17 33.9 +0.2
TIXI	Tiksi	55.48 22	iP	P	08 17 33.1 -0.6
TIXI	TIXI	comp=Z,1.5nm,1.4s	pmax	pmax	
DBIC	Dimbokro	55.82 254	pP	P	08 17 37.0 +0.1
DBIC	DBIC	comp=Z,4.1nm,0.5s,baz=79,slow=8.3,SNR=2.8	pP	P	
PSI	Prapat	56.40 112	P	P	08 17 46.5 +5.3
QIZ	Qiongzong	56.42 88	P	S	08 17 42.1 +0.9
QIZ	QIZ	comp=Z,1.7nm,0.9s	S	S	08 25 33.3 +1.0
QIZ	QIZ	comp=Z,2.30nm,17.2s	LR	LR	
QIZ	QIZ	comp=Z,2.20nm,16.2s	LR	LR	
QIZ	QIZ	comp=Z,1.90nm,12.0s	LR	LR	
YAK	Yakutsk	56.96 34	iP	pmax	08 17 41.9 -2.5
YAK	YAK	comp=Z,1.7nm,0.8s	pmax	pmax	
SUMG	Summit	57.20 339	P	IaMb	08 17 46.8 +0.4
SUMG	SUMG	comp=Z,1.1nm,0.8s	IaMb	IaMb	08 17 07.7
SUMG	SUMG	Summit	57.20 339	P	08 17 46.8 +0.4
SUMG	SUMG	comp=Z,1.1nm,0.8s	pmax	pmax	
SUMG	SUMG	Summit	57.20 339	iP	08 17 46.9 +0.4
SUMG	SUMG	comp=Z,3.6nm,1.7s	IaMb	IaMb	08 17 54.5
DL2	Dalian	57.95 62	P	pmax	08 17 58.2 +6.5
NJ2	Nanjing	58.28 70	eP	P	08 17 53.2 -0.9
NJ2	NJ2	comp=Z,2.0nm,0.7s	pmax	pmax	
HEH	Heihe	58.44 48	eP	P	08 17 55.2 +0.2
HEH	HEH	comp=Z,2.27nm,0.5s	pmax	pmax	
HEH	HEH	comp=Z,1.1nm,0.9s	LR	LR	
HEH	HEH	comp=Z,2.70nm,17.1s	LR	LR	
HEH	HEH	comp=Z,1.90nm,17.7s	LR	LR	
HEH	HEH	comp=Z,3.70nm,19.1s	LR	LR	
NEEM	North Greenland	59.34 345	iP	P	08 18 01.8 +0.5
KHWE	KHWE	59.44 205	P	P	08 18 02.4 +0.1
BNX	BinXian	59.78 55	iP	pmax	08 18 04.8 +0.4
BNX	BNX	comp=Z,5.0nm,1.2s	pmax	pmax	
SSE	Sheshan	60.48 71	P	S	08 18 09.0 -0.4
SSE	SSE	comp=Z,9.0nm,0.5s	S	S	08 26 24.1 -0.8
SSE	SSE	comp=Z,9.0nm,0.5s	pmax	pmax	
SSE	SSE	comp=Z,9.2nm,3.8s	pmax	pmax	
SSE	SSE	comp=Z,1.70nm,23.3s	LR	LR	
SSE	SSE	comp=Z,9.0nm,23.5s	LR	LR	
LPHEP	Lephepe	60.61 204	P	P	08 18 09.4 -0.9
KLR	Kul'dur	61.43 48	iP	pmax	08 18 15.3 -0.3
KLR	KLR	comp=Z,1.6nm,1.7s	pmax	pmax	
LBTB	Labatse	62.23 203	P	P	08 18 21.9 +0.7
LBTB	Labatse	62.23 203	P	P	08 18 21.9 +0.7
LBTB	LBTB				

6d 10h

2020 MAY

ISC 06:09:51.34.8.0.6, 29.939N, 0.06:141.9E, 0.1, h26km, n46, c142,40, mb4.2/18, MS3.2/8, Southeast of Honshu

mbtmp3.5/3, MS3.0/1, Error ellipse: s-maj=30.8km s-min=26.1km az=127.0, Mariana Islands

ARK Arkit 2.56 326 //P Pn 10 51 43.5 +1.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Chichijima, Hachioji jima, Matushiro Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Guam, WAKE ISLAND Hy, WARRAMUNGA ARR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like UCHTOR, Garm, Erkin-Say, etc.

IDC 06 10:40:41.4.7.3, 0.89N-99.04E, h0km, mb3.4/3, mbtmp3.4/3, MS2.4/1, Error ellipse: s-maj=402.6km

SOME 06 10:50:51.9, 39.48N:73.87E, h5km, MS5.1, BUJ 06 10:50:58.9, 39.70N:74.00E, h10km, mB5.2/43, mb5.1/75,

AAA Alma-Ata 4.17 32 eP Pn 10 52 07.4 +3.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Pulau Batu, Mirindaling Nat, Sisi Saibi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Sufi-Kurgan, Salom-Alik, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like UCHTOR, Garm, Erkin-Say, etc.

IDC 06 10:43:27.1.1.4, 13.48N:145.98E, h0km, mb3.5/3,

Triangular moment-ratio function NNC 06 10:51:03.5:0.9, 39.35N:74.02E, h0km, mb5.7, mpv5.3

AAA Alma-Ata 4.17 32 eP Pn 10 52 07.4 +3.1

Table with columns: ID, Name, Comp, Z, SNR, S, P, M, A, B, T, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes entries like E21K Killik River, G16K Koyuk River, F19K Shalercukik Mo, etc.

Table with columns: ID, Name, Comp, Z, SNR, S, P, M, A, B, T, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes entries like L14K Kuka Creek, J19K Poorman, J19K Poorman, L15K Ungalik Mounta, etc.

Table with columns: ID, Name, Comp, Z, SNR, S, P, M, A, B, T, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes entries like L22K Petersville, L22K Petersville, L22K Petersville, L22K Petersville, etc.

6d 11h

Table of station data for the 6d 11h period, including station names like EYAK, FITZ, YUK3, and various coordinates and status indicators.

2020 MAY

Table of station data for the 2020 MAY period, including station names like T35M, BOSA, BOSA, and various coordinates and status indicators.

386

Table of station data for the 386 period, including station names like ASAR, WRA, GQSA, and various coordinates and status indicators.

NEIC 06 10:58:56.6e:1.2, 12.4S:0.1x167.0E:0.2, h217km, 10km, mb4.4/20, Error ellipse: s-maj=25.3km s-min=9.5km

IDC 06 10:59:01.6e:0, 12.58S:166.91E, h273km, 63km, mb3.8/7, mbmp4.3/8, Error ellipse: s-maj=53.1km s-min=23.9km

ISC 06 10:59:02.0, 8.12A:0.08, 167.0E:0.1, h220km, n38, 0.095/40, mb4.3/17, Santa Cruz Islands

Table of station data for the 386 period, including station names like Code, Station Name, Az, Az', Phase ID, Time, Res, and various coordinates and status indicators.

IDC 06 11:14:46.6e:6.9, 6.38S:147.64E, h128km, 74km, mb2.8/2, mbmp3.3/4, Error ellipse: s-maj=124.8km s-min=32.4km s-min=0.0, Eastern New Guinea region

Table of station data for the 386 period, including station names like Code, Station Name, Az, Az', Phase ID, Time, Res, and various coordinates and status indicators.

IDC 06 11:26:51.5e:1.1, 16.48N:94.54E, h0km, mb4.1/6, mbmp4.1/7, ML4.4/1, MS3.0/3, Error ellipse: s-maj=36.8km s-min=18.6km az=54.0

NEIC 06 11:26:52.4e:0.7, 16.64N:0.08, 94.42E:0.06, h10km, 2km, mb4.1/10, Error ellipse: s-maj=16.2km s-min=4.1km az=32.0

ISC 06 11:26:55.9e:0.8, 16.5N:0.1x94.5E:0.1, h35km, n28, 0.136/24, mb4.2/12, Near south coast of Myanmar

Table of station data for the 386 period, including station names like Code, Station Name, Az, Az', Phase ID, Time, Res, and various coordinates and status indicators.

387 **2020 MAY** **6d 13h**

CHTO	Chiang Mai	4.80 61	Pn	11 28 04.9	-0.9
PBA	Port Blair	5.14 200	Pn	11 28 10.0	-0.4
PALK	Pallekele	16.33 237	LR	11 36 04.7	
comp=Z,86nm,20.9s,baz=36,slow=34					
YHNB	Yeheng	26.39 68	P	11 32 28.8	-0.5
YHNB			Iamb	11 32 53.5	
comp=Z,3.0nm,0.7s					
MKAR	Makanchi Array	31.83 344	P	11 33 19.0	+1.7
comp=Z,2.1nm,0.6s,baz=142,slow=8.7,SNR=5.2					
H08S3	Diego Garcia H	32.42 224	T	12 07 12.0	
comp=Z,4.0nm,0.7s,baz=118					
H08S2	Diego Garcia H	32.42 224	T	12 07 12.6	
comp=Z,4.0nm,0.7s,baz=118,SNR=142					
H08S1	Diego Garcia H	32.44 224	T	12 07 11.5	
comp=Z,4.0nm,0.7s,baz=118,SNR=84					
ULN	Ulaanbaatar	32.91 16	P	11 33 26.4	-0.6
ULN			Iamb	11 33 46.8	
TLY	Talaya	35.81 10	P	11 33 50.5	-1.3
TLY			Iamb	11 33 58.6	
comp=Z,1.3nm,0.9s					
KURBB	Kurchatov Arra	36.35 343	P	11 33 56.2	-0.1
comp=Z,2.4nm,0.5s,baz=159,slow=8.3,SNR=9.9					
KURK	Kurchatov	36.41 343	P	11 33 54.9	-2.0
KURK			Iamb	11 33 58.7	
comp=Z,3.0nm,0.7s					
JNU	Nakatsuo	36.56 56	LR	11 50 29.3	
AS31	Zalesovo Arr	38.09 351	P	11 34 08.0	-3.1
ZAA0	Zalesovo Beam	38.09 351	P	11 34 12.6	+1.5
ZALV	Zalesovo Beam	38.09 351	P	11 34 12.6	+1.5
comp=Z,4.6nm,0.5s,baz=159,slow=8.1,SNR=12					
ZALV	Zalesovo Beam	38.09 351	P	11 34 09.3	-1.8
WB0	Warramunga Arr	53.28 131	P	11 36 11.8	+0.3
WRA	Warramunga Arr	53.35 131	P	11 36 12.2	+0.1
comp=Z,0.9nm,0.5s,baz=310,slow=7.4,SNR=25					
WRA	Warramunga Arr	53.35 131	P	11 36 11.6	-0.5
WRAB	Tennant Creek	53.35 131	P	11 36 12.4	+0.4
WRAB			Iamb	11 36 33.5	
comp=Z,2.7nm,1.0s					
WR8	Warramunga Arr	53.47 131	P	11 36 13.2	+0.2
WR8			Iamb	11 36 20.6	
comp=Z,2.9nm,1.1s					
AS31	Alice Springs	55.49 135	P	11 36 28.2	+0.6
ASAR	Alice Springs	55.49 135	P	11 36 28.0	+0.4
comp=Z,0.6nm,0.8s,baz=316,slow=6.8,SNR=8.6					
ASAR	Alice Springs	55.49 135	P	11 36 28.0	+0.4
GERES	GERES Array B	71.72 317	P	11 38 16.9	+2.3
comp=Z,0.3nm,0.2s,baz=79,slow=2.1,SNR=3.5					

IDC 06 11:42:56.4,2.3,6.83S,129.29E,h0km,mb3.5/1,mbtmp2.2/3,ML3.0/2,Error ellipse: s-maj=118.5km s-min=33.4km az=89.0, Banda Sea

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
WRA	Warramunga Arr	13.93 160	Op Pn	11 46 15.3	0.0
0.1nm,0.3s,baz=339,slow=13,SNR=10					
WRA			Sn	11 48 40.0	-11
0.2nm,0.3s,baz=341,slow=2.1,SNR=2.2					
ASAR	Alice Springs	17.32 166	P	11 46 59.9	0.0
0.1nm,0.3s,baz=345,slow=13,SNR=7.0					
MKAR	Makanchi Array	67.69 327	P	11 53 55.6	0.0
0.2nm,0.3s,baz=114,slow=8.0,SNR=2.6					

KRSC 06 11:58:35.0,8.5539N,166.00E,h31km,9km,MI3.6, Komandorsky Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
BKI	Bering	0.19 184	Op Pn	11 58 41.4	+0.2
DKI			Pn	11 58 45.5	+0.7
KBTR	Krutoberegovo	1.97 296	Op Pn	11 59 07.4	+1.2
KBTR			Sb	11 59 33.2	-1.1
SPN	Mys Shipunski	4.19 239	Op Pn	12 00 30.2	+5.6
SDLR	Sedlovina	4.67 246	Op Pn	11 59 48.2	+4.8
SMAR	Somma	4.72 246	Op Pn	11 59 49.0	+4.7
UGLR	Uglovaya	4.74 246	Op Pn	11 59 48.4	+4.0
AVH	Avacha	4.75 246	Op Pn	11 59 49.3	+4.7
KRX	Arik	4.75 246	Op Pn	11 59 49.3	+4.7
KOK	Koryaka	4.79 247	Op Pn	11 59 50.3	+5.2
KRMR	Karymshinskiy	5.29 244	Op Pn	12 00 56.2	+4.5
RUS	Russkaya	5.32 239	Op Pn	11 59 56.7	+4.5
MTVR	Mutnovka	5.46 241	Op Pn	11 59 59.3	+5.0

IDC 06 12:00:14.3,19.0,17.75S,177.92E,h477km,229km,mb3.1/3,mbtmp4.1/3,Error ellipse: s-maj=618.7km s-min=15.7km az=89.0, Fiji Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
MSVF	Nonsavu	0.13 85	Op Pn	12 01 12.1	+0.1
37nm,0.7s,baz=270,slow=20,SNR=27					
STKA	Stephens Creek	35.66 240	P	12 06 31.6	+0.3
1.4nm,0.6s,baz=92,slow=15.5,SNR=4.8					
WRA	Warramunga Arr	41.22 260	P	12 07 16.3	-0.5
0.2nm,0.3s,baz=98,slow=7.7,SNR=33					
ASAR	Alice Springs	41.47 254	P	12 07 18.6	-0.1
3.2nm,0.3s,baz=93,slow=7.7,SNR=95					

NEIC 06 12:01:55.5,0.6,14.83N,0.09,119.52E,0.07,h10km,1km,mb4.3/19,Error ellipse: s-maj=17.5km s-min=8.0km az=215.0

MAN 06 12:01:55.0,14.80N,119.08E,h34km,MS3.3
IDC 06 12:01:57.9,0.7,14.77N,119.44E,h33km,5km,mb3.8/10,mbtmp3.9/11,ML3.9/1,MS2.8/5,Error ellipse: s-maj=25.1km s-min=12.6km az=73.0

IDC 06 12:01:58.5,0.6,14.81N,0.05,119.28E,0.08,h39km,n43,az=138/50,mb4.2/20,MS2.7/3,Luzon

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
BOLP	Bolaino	1.67 21	Op Pn	12 02 44.2	-1.3
BOLP			Sb	12 02 28.2	+2.2
PCPS	Palayan City	1.73 95	Op Pn	12 02 56.3	+9.5
PCPS			Sb	12 02 26.9	+0.5
TGY	Tagaytay City	1.75 114	Op Pn	12 02 47.2	-0.3
110nm,0.3s,baz=100,slow=2.1,SNR=11					
TGY			Sn	12 02 47.2	-0.3
304nm,0.3s,baz=311,slow=19,SNR=13					
TGY	Tagaytay City	1.75 114	Op Pn	12 02 27.9	+1.5
TGY			Sb	12 02 50.4	+2.8
SIPP	Brgy, Tapao	3.29 20	Op Pn	12 02 48.4	+0.8
SIPP			Sb	12 03 28.0	+2.5
PIP	Paasuquin	3.72 20	Op Pn	12 02 53.2	-0.2
PIP			Sb	12 03 39.3	+3.3
PALP	Palanan	3.76 53	Op Pn	12 02 57.3	+3.3
PALP			Sb	12 03 38.4	+1.3
YULB	Yuli	8.74 12	Op Pn	12 04 01.1	-1.3
DAV	Davao City (W)	9.87 141	Op Pn	12 08 43.0	
CMAR	Chiang Mai Arr	19.82 283	P	12 06 27.0	+1.0
0.1nm,0.3s,baz=92,slow=9.3,SNR=6.6					
CMAR			LR	12 13 45.7	
comp=Z,1.8nm,19.3s,baz=110,slow=35					
JMN	Monobe	23.01 33	P	12 06 58.8	-1.3
JMN			Iamb	12 07 03.2	
comp=Z,6.4nm,0.8s					
JNCN	Inchon	23.50 15	P	12 07 03.2	-1.7
JAGI	Jajag, Banyuwya	23.69 193	P	12 07 07.7	+0.9
KSRS	Korea Arry	23.82 17	P	12 07 08.2	+0.3
comp=Z,2.9nm,0.7s,baz=196,slow=1.1,SNR=10					
KSRS			LR	12 17 53.2	
comp=Z,2.7nm,18.6s,baz=220,slow=40					
GUMO	Guam	24.83 90	LR	12 16 32.8	
comp=Z,2.2nm,18.0s,baz=200,slow=35					
INU	Inuyama	25.92 35	P	12 07 26.3	-0.7
INU			Iamb	12 07 43.7	
comp=Z,8.4nm,1.0s					

JGF	Kuroka	26.29 35	P	12 07 28.9	-1.6
JGF			Iamb	12 07 37.7	
comp=Z,8.7nm,1.1s					
MJAR	Matsushiro Arr	27.45 35	P	12 07 38.6	-2.2
comp=Z,0.8nm,0.6s,baz=220,slow=8.6,SNR=4.5					
MJAR			LR	12 19 00.3	
comp=Z,2.0nm,20.2s,baz=140,slow=37					
MJAR	Matsushiro Arr	27.45 35	P	12 07 39.7	-1.2
JKA	Kamikawa-asahi	35.31 30	P	12 08 49.3	-0.6
JKA			Iamb	12 08 51.9	
comp=Z,9.4nm,1.1s					
WB0	Warramunga Arr	37.44 156	P	12 09 06.6	-1.7
WB0			Iamb	12 09 07.3	
comp=Z,4.2nm,0.7s					
WRAB	Tennant Creek	37.58 156	P	12 09 08.3	-1.1
WRAB			Iamb	12 09 24.2	
comp=Z,4.6nm,1.0s					
WRA	Warramunga Arr	37.58 156	P	12 09 08.3	-1.1
comp=Z,2.2nm,0.6s,baz=335,slow=9.4,SNR=32					
WRA			pP	12 09 17.7	-1.9
comp=Z,2.4nm,0.7s,baz=337,slow=9.3,SNR=6.7					
WRA	Warramunga Arr	37.58 156	P	12 09 08.2	-1.2
WR8	Warramunga Arr	37.65 156	P	12 09 09.1	-1.0
WR8			Iamb	12 09 11.9	
comp=Z,8.6nm,1.1s					
RABL	Rabaul	37.66 118	P	12 09 08.3	-2.0
AS31	Alice Springs	40.83 159	P	12 09 36.1	-0.5
ASAR	Alice Springs	40.83 159	P	12 09 36.2	-0.3
comp=Z,4.2nm,0.6s,baz=336,slow=7.1,SNR=74					
ASAR			pP	12 09 45.5	-1.3
comp=Z,2.1nm,0.5s,baz=337,slow=6.6,SNR=10					
ASAR	Alice Springs	40.83 159	P	12 09 36.1	-0.5
MKAR	Makanchi Array	44.33 324	P	12 10 06.0	+1.2
comp=Z,0.5nm,0.8s,baz=128,slow=10,SNR=3.8					
MKAR			pP	12 10 15.4	+1.0
comp=Z,0.4nm,0.6s,baz=128,slow=9.4,SNR=9.4					
MKAR	Makanchi Array	44.33 324	P	12 10 06.2	+1.5
KURBB	Kurchatov Arra	48.51 326	P	12 10 38.8	+1.3
KURBB			Iamb	12 10 38.8	+1.3
comp=Z,0.9nm,0.7s,baz=123,slow=8.4,SNR=6.0					
KURBB			pP	12 10 47.9	+0.3
comp=Z,0.8nm,0.5s,baz=132,slow=8.2,SNR=4.4					
KURK	Kurchatov	48.51 326	P	12 10 38.9	+1.4
KURK			Iamb	12 10 48.9	
comp=Z,2.2nm,0.6s					
PETK	Petropavlovsk	48.73 30	P	12 10 40.1	+1.0
comp=Z,6.4nm,0.8s,baz=236,slow=8.1,SNR=4.1					
PETK			pP	12 10 49.7	+0.2
comp=Z,3.9nm,0.7s,baz=217,slow=5.1,SNR=2.4					
PETK			pP	12 10 38.4	-0.8
STKA	Stephens Creek	51.12 155	P	12 10 56.9	-0.6
comp=Z,1.3nm,0.4s,baz=305,slow=10,SNR=3.5					
STKA	Stephens Creek	51.12 155	Iamb	12 10 57.2	
comp=Z,7.3nm,0.6s					
AB31	Abkutak array	59.00 319	P	12 11 55.8	+1.6
H17K	Granite Mounta	72.82 26	P	12 13 21.1	+0.4
H17K			Iamb	12 13 26.0	
comp=Z,1.7nm,0.8s					
L16K	Yamb Dome	72.93 30	P	12 13 23.9	+0.4
J17K			Iamb	12 13 26.3	+1.6
J17K			Iamb	12 13 39.4	
comp=Z,2.8nm,0.7s					
ILAR	Eielson Arry	78.35 26	P	12 13 54.2	-0.3
comp=Z,0.2nm,0.5s,baz=268,slow=2.7,SNR=4.3					
YKA	Yellowknife Ar	92.27 22	P	12 15 03.6	-0.7
comp=Z,0.2nm,0.7s,baz=311,slow=4.3,SNR=6.0					
YKA			Iamb	12 15 03.6	-0.7

AFAD 06 12:43:13.7,38.00N,26.87E,h4km,ML2.6
ISK 06 12:43:14.1,38.1N,27.7E,h6km,2km,ML2.8/6
ISH 06 12:43:14.2,38.07N,26.97E,h5km,ML3.1/17
ISC 06 12:43:14.2,0.8,38.02N,0.02,26.89E,0.02,h6km,5km,

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
DGB	zmir	0.03 348	Op Pn	12 43 15.5	0.0
DGB			S	12 43 16.3	-0.1
DGB			IAML	12 43 17.0	
comp=N,6um,0.4s					
DGB			IAML	12 43 17.0	
comp=E,8um,0.1s					
GMLD	Gumuldur	0.06 20	Pg Pn	12 43 15.7	-0.1
GMLD	</				

6d 13h

2020 MAY

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Table with columns: TIBB, TIBP, TWA, TWA, TATO, Taipei, YULB, Yu-li, YULB, Yu-li, YULB, Lyutan, TWQ1, Changbin, TWQ1, TWB1, TWB1, TWB1, TATP, Xinyi Township, WHYT, SBCB, Hsinchu, SBCB, NMLH, Miaoli, NMLH, NWF, Wu-fen Shan, NWF, WFSB, Wu-fen Shan, HSN, Hsinchu, HSN, NCUH, Zhongli, NCUH, TCU, Taichung, TCU, SKX1, Grass Mountain, SKX1, WNT, Mingjiang, WNT, Kuangyinshan, TWS1, TWS1, WDJ, Dajia District, TNDU, National Taiwan, YM01, YM01, YM01, CHKH, Chenggong, CHKH, ZUZH, Zhuzhiu, ZUZH, FULB, Fuli, NTST, Danshui, NTST, YM08, YM08, ANP, ALS, Alimsh, ALS, WCHH, Zhanghua, WCHH, WCHI, Changhua City, WCHI, CHNS, Tsauling, CHNS, CHKT, Chengkung, CHKT, EHD, Haiduan, EHD, TWY, Chenhua, TWY, WCK, Guikeng, WCK, ECS, Chishang, WCD, Douliou City, ELDTW, Lidau, ELDTW, WDLH, Douliu, WDLH, JYNG, Yonagunijimaku, JYNG, WCKO, Fanlu, WCKO, WRL, Guolierlin Hig, WRL, EDH, Donghe, EDH, YOJ, Yonaguni jima, YOJ, Yonaguni jima, YON, Yonaguni jima, RLNB, Erin, RLNB, WTK, Tuku, WTK, STYH, Taoyuan, STYH, TPUB, Ta-pu, TPUB, TPUB, Ta-pu, TPUB, TPUB, Ta-pu, CHY, Chiayi, CHY, SY, Yonaguni jima, WTP, Ta-pu, WTP, TWK, Hsinying, TWK, TWK, Nanshi, CHN1, Nanshi, WSF, Sshu, WSF, WSG, Pinlang, WSG, TWG, Beinan, TWG, TWG, Beinan, TWG, SGST, Jiashian, SGST, WSL, Shuilin Townsh, WSL, LDUT, Ludao, LDUT, PCYT, Pengchayui, PCYT, LGT, Pengchi, LGT, ICHU, Yijhu, ICHU, ICHU, Yijhu, CHNB, Yijhu, CHNB, CHNB, Taimali, ECL, Taimali, SSD, Sandimen, SSD, TSMG, Majia, TSMG, TSMG, Shoushan, TWMM, Shoushan, TSCK, Chigu Township, TSCK, MASBT, Mashibuluo, MASBT, IRIF, Anshote-Funau, IRIF, EAST, Rihome, EAST, HATJ, Hateruma jima, HATJ, SCZT, Fangliu, SCZT, PNG, Penghu, PNG, PNG, Peng-hu, PHUB, Peng-hu, PHUB, WDGJ, Tungji, SLIU, Shizi, LAY, Lan-yu, JKRS, Kuro-shima, JKRS, LYUB, Lan-yu, LYUB, VVUC, VVUC, JIU, Ishigaki jima, JIU, SMST, Manzhou Townsh, VCHM, Qimei, VCHM, VCHM, Hengchun, TWK1, Hengchun, JISG, Ishigakijimahi, JISG, JISG, Houxiangcun, PTMZ, Houxiangcun, MATB, Ma-tsu, LYJJ, Jianjiangzhen, KNN, Kinmen, KNN, Chin-men Tao, MHZO, Yeshan, MHZO, AXDP, Jialang, AXDP, AXDP, Ao Xicun, ZPLA, ZPLA, ZPLA

Table with columns: SXFK, Yanhouchang, SXFK, JOW, Kunigami, JOW, KSRs, Korea Array, CMAR, Chiang Mai Arr, CMAR, Makanchi Array, CMAR, WRAM, Wramunga Arr, WRAM, ASAR, Allice Springs, ASAR, YKA, Yellowknife Arr, YKA

Table with columns: BOOM, Boomskoye usch, KURBB, Kurchatov Arr, KURK, Kurchatov, MKAR, Makanchi Array, MKAR, ZAAO, Zalevsof Array, ZAAO, ZALV, Zalevsof Beam, ZALV, ZALV, Zalevsof Beam, LSZ, Lusaka, TULEG, Thule, TULEG, SCHQ, Schefferville, SCHQ, SCHQ, Schefferville, SCHQ, SMAR, Burnt Mountain, YKAW, Yellowknife Wh, YKAW, YKAW, Yellowknife Arr, YKAW, YKAW, Yellowknife Arr, YKAW, YKAW, Yellowknife Arr, YKAW

IDC 06 13:05:26.4, 2.7, 6.25S, 154.63E, h0km, mb3.3/2, mbmtpp3.6/3, ML2.2/1, MS3.2/1, Error ellipse: s-maj=103.5km s-min=41.5km az=144.0, Bougainville-Solomon Islands region

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

JMA 06 13:21:31.1, 1.0, 1.23'3N, 0.6'x122'1E, 0.6, h49km, MV2.5/12, TAIWAN REGION

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

ATH 06 13:13:25.7, 33'84N, 25'87E, h35km, 15km, ML3.2/4, Latitude uncertainty: 4 km; Longitude uncertainty: 3 km

NEIC 06 13:13:26.3, 1.8, 34; 13N, 0.07, 25.74E, 0.04, h10km, 1km, mb4.0/18, Error ellipse: s-maj=12.6km s-min=5.2km

THE 06 13:13:26.9, 34'N, 68'x2'E, 2.1, h1km, 36km, M3.0/5, az=163.0

IDC 06 13:13:29.1, 4.5, 34; 19N, 25'67E, h32km, 34km, mb3.7/12, mbmtpp3.8/15, ML3.2/3, MS3.6/1, Error ellipse: s-maj=24.5km s-min=15.8km az=175.0

ISC 06 13:13:26.2, 0.8, 33.97N, 0.07, 25.81E, 0.05, h20km, 5km, n75, c1924/81, mb4.0/16, Eastern Mediterranean Sea

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

JMA 06 13:21:31.1, 1.0, 1.23'3N, 0.6'x122'1E, 0.6, h49km, MV2.5/12, TAIWAN REGION

TAP 06 13:21:32.3, 23'31N, 122'12E, h36km, ML3.0, D

ISC 06 13:21:29.3, 1.1, 23.30N, 0.02, 122'16E, 0.02, h19km, 3km, n103, c069/175, Taiwan region

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

NJ2	S	S	14 07 15.4	-3.1				
NJ2	sS	sS	14 08 00.8	+0.5				
NJ2	ScS	ScS	14 11 16.8	+0.7				
NJ2	pmx	pmx						
comp-Z,2µm,1.9s								
JMN	40.51	5	I	Amb	I	Amb	14 01 28.6	
Monobe	40.51	5	P	P	14 01 25.4	+0.9		
Monobe	40.51	5	P	P	14 01 25.1	+0.7		
JMN	40.51	5	P	P	14 01 25.2	+0.7		
JMN	40.51	5	P	P	14 01 23.8	-3.2		
HJH	40.83	13	P	P	14 07 05.8	+0.3		
comp-Z,171nm,0.6s,baz=312,slow=23,SNR=14								
JHJ	40.83	13	P	P	14 15 19.0			
comp-Z,286nm,1.0s,baz=100,slow=6.1,SNR=5.4								
JHJ	40.83	13	P	P	14 01 25.6	-1.4		
Mitsune	40.83	13	P	P	14 01 27.7	+0.7		
JHJ	40.83	13	P	P	14 01 23.9	-3.1		
Mitsune	40.83	13	P	P	14 01 31.0	+1.6		
JTU	41.13	359	P	P	14 01 30.5	+1.0		
Tsushima	41.13	359	P	P	14 01 30.5	+1.0		
JTU	41.13	359	P	P	14 01 30.5	+1.0		
Tsushima	41.13	359	P	P	14 01 30.5	+1.0		
PBA	41.23	296	I	Amb	I	Amb	14 01 48.9	
Port Blair	41.23	296	P	P	14 01 28.8	-1.8		
SNR=20								
PBA	41.23	296	P	P	14 01 28.9	-1.7		
Port Blair	41.23	296	P	P	14 01 33.1	+1.8		
KMI	41.29	321	P	P	14 01 56.8	+0.8		
Kunming	41.29	321	P	P	14 07 09.5	+1.7		
KMI	41.30	321	P	P	14 01 32.1	+0.7		
KMI2	14 01 58.7	-0.9						
KMI2	14 02 09.0	+0.6						
KMI2	14 03 14.5	-0.1						
KMI2	14 07 09.3	+1.4						
KMI2	14 07 33.0	-4.7						
KMI2	14 11 25.4	+1.0						
comp-Z,950nm,1.6s								
KMI2	pmx	pmx						
comp-Z,22µm,3.9s								
KMI2	LR	LR						
comp-Z,13µm,19.4s								
KMI2	LR	LR						
comp-Z,37µm,20.6s								
KMI2	LR	LR						
comp-Z,37µm,24.4s								
JIE	41.50	9	P	P	14 01 33.1	+0.6		
Ise	41.71	4	P	P	14 01 35.2	+0.9		
JHS	41.74	5	P	P	14 01 35.3	+0.8		
Aida	41.74	5	P	P	14 01 35.3	+0.8		
JAD	41.74	5	P	P	14 01 35.3	+0.8		
ENH	41.74	333	I	Amb	I	Amb	14 01 37.2	
Enshi	41.74	333	I	Amb	I	Amb	14 01 37.2	
ENH	41.74	333	P	P	14 01 34.5	-0.1		
Sagara	42.02	10	I	Amb	I	Amb	14 01 39.6	
comp-Z,856nm,1.0s								
JSG	42.02	10	P	P	14 01 38.5	+1.8		
Sagara	42.02	10	P	P	14 01 37.8	+1.1		
JSG	42.02	10	P	P	14 01 40.8	+0.2		
Sagara	42.49	9	P	P	14 01 41.0	+0.5		
INU	42.49	9	P	P	14 01 43.8	-0.4		
Inuyama	42.49	9	P	P	14 02 22.2	+0.8		
PZH	42.91	322	P	P	14 03 31.2	-2.0		
PanZhiHua	42.91	322	P	P	14 08 02.0	+1.0		
PZH	14 08 02.0	+1.0						
PZH	14 08 46.4	+3.1						
PZH	14 11 31.5	-2.5						
comp-Z,2µm,0.8s								
PZH	pmx	pmx						
comp-Z,19µm,6.7s								
PZH	LR	LR						
comp-Z,34µm,20.4s								
PZH	LR	LR						
comp-Z,34µm,18.6s								
PZH	LR	LR						
comp-Z,27µm,20.6s								
TJN	43.04	357	P	P	14 01 45.9	+1.0		
Taejon	43.04	357	P	P	14 01 52.7	+1.6		
TARA	43.74	81	I	Amb	I	Amb	14 02 29.2	
TARA	43.74	81	I	Amb	I	Amb	14 02 29.2	
comp-Z,2µm,1.7s								
MJAR	43.84	10	P	P	14 01 51.1	-0.3		
Matsushiro Arr	43.84	10	P	P	14 01 51.1	-0.3		
comp-Z,478nm,0.8s,baz=184,slow=9.2,SNR=126								
MJAR	43.84	10	P	P	14 07 17.7	+0.2		
Matsushiro Arr	43.84	10	P	P	14 33 09.8			
comp-Z,114nm,0.9s,baz=184,slow=8,SNR=12								
MJAR	43.84	10	P	P	14 34 47.1	+2.5		
Matsushiro Arr	43.84	10	P	P	14 01 51.3	-0.2		
comp-Z,3.2nm,1.0s,baz=11,slow=1.9,SNR=5.7								
MJAR	43.84	10	P	P	14 01 51.3	-0.2		
Matsushiro Arr	43.84	10	P	P	14 01 51.3	-0.2		
comp-Z,478nm,0.8s								
MAJO	43.84	10	P	P	14 01 51.1	-0.3		
Matsushiro	43.84	10	P	P	14 01 53.7			
MAJO	43.84	10	P	P	14 01 50.2	-1.3		
Matsushiro	43.84	10	P	P	14 01 51.1	-0.3		
MAJO	43.84	10	P	P	14 01 51.3	-0.2		
Matsushiro	43.84	10	P	P	14 02 15.9	-0.3		
MAJO	43.84	10	P	P	14 07 17.4	-0.1		
Matsushiro	43.84	10	P	P	14 01 51.0	+0.5		
MAJO	43.84	10	P	P	14 01 54.7			
Matsushiro	43.84	10	P	P	14 01 52.9	+0.1		
MAJO	43.84	10	P	P	14 02 19.8	+2.3		
Matsushiro	43.84	10	P	P	14 07 19.8	+1.2		
MAJO	43.84	10	P	P	14 08 15.1	-1.5		
Matsushiro	43.84	10	P	P	14 11 38.9	+1.2		
MAJO	43.84	10	P	P	14 01 52.9	+0.1		
Matsushiro	43.84	10	P	P	14 02 30.6	+0.3		
MAJO	43.84	10	P	P	14 07 19.8	+1.2		
Matsushiro	43.84	10	P	P	14 08 15.1	-1.5		
MAJO	43.84	10	P	P	14 11 38.9	+1.2		
Matsushiro	43.84	10	P	P	14 01 52.9	+0.1		
MAJO	43.84	10	P	P	14 02 15.9	-0.3		
Matsushiro	43.84	10	P	P	14 07 17.4	-0.1		
MAJO	43.84	10	P	P	14 01 51.0	+0.5		
Matsushiro	43.84	10	P	P	14 01 54.7			
MAJO	43.84	10	P	P	14 01 52.9	+0.1		
Matsushiro	43.84	10	P	P	14 02 19.8	+2.3		
MAJO	43.84	10	P	P	14 07 19.8	+1.2		
Matsushiro	43.84	10	P	P	14 08 15.1	-1.5		
MAJO	43.84	10	P	P	14 11 38.9	+1.2		
Matsushiro	43.84	10	P	P	14 01 52.9	+0.1		
MAJO	43.84	10	P	P	14 02 15.9	-0.3		
Matsushiro	43.84	10	P	P	14 07 17.4	-0.1		
MAJO	43.84	10	P	P	14 01 51.0	+0.5		
Matsushiro	43.84	10	P	P	14 01 54.7			
MAJO	43.84	10	P	P	14 01 52.9	+0.1		
Matsushiro	43.84	10	P	P	14 02 19.8	+2.3		
MAJO	43.84	10	P	P	14 07 19.8	+1.2		
Matsushiro	43.84	10	P	P	14 08 15.1	-1.5		
MAJO	43.84	10	P	P	14 11 38.9	+1.2		
Matsushiro	43.84	10	P	P	14 01 52.9	+0.1		
MAJO	43.84	10	P	P	14 02 15.9	-0.3		
Matsushiro	43.84	10	P	P	14 07 17.4	-0.1		
MAJO	43.84	10	P	P	14 01 51.0	+0.5		
Matsushiro	43.84	10	P	P	14 01 54.7			
MAJO	43.84	10	P	P	14 01 52.9	+0.1		
Matsushiro	43.84	10	P	P	14 02 19.8	+2.3		
MAJO	43.84	10	P	P	14 07 19.8	+1.2		
Matsushiro	43.84	10	P	P	14 08 15.1	-1.5		
MAJO	43.84	10	P	P	14 11 38.9	+1.2		
Matsushiro	43.84	10	P	P	14 01 52.9	+0.1		
MAJO	43.84	10	P	P	14 02 15.9	-0.3		
Matsushiro	43.84	10	P	P	14 07 17.4	-0.1		
MAJO	43.84	10	P	P	14 01 51.0	+0.5		
Matsushiro	43.84	10	P	P	14 01 54.7			
MAJO	43.84	10	P	P	14 01 52.9	+0.1		
Matsushiro	43.84	10	P	P	14 02 19.8	+2.3		
MAJO	43.84	10	P	P	14 07 19.8	+1.2		
Matsushiro	43.84	10	P	P	14 08 15.1	-1.5		
MAJO	43.84	10	P	P	14 11 38.9	+1.2		
Matsushiro	43.84	10	P	P	14 01 52.9	+0.1		
MAJO	43.84	10	P	P	14 02 15.9	-0.3		
Matsushiro	43.84	10	P	P	14 07 17.4	-0.1		
MAJO	43.84	10	P	P	14 01 51.0	+0.5		
Matsushiro	43.84	10	P	P	14 01 54.7			
MAJO	43.84	10	P	P	14 01 52.9	+0.1		
Matsushiro	43.84	10	P	P	14 02 19.8	+2.3		
MAJO	43.84	10	P	P	14 07 19.8	+1.2		
Matsushiro	43.84	10	P	P	14 08 15.1	-1.5		
MAJO	43.84	10	P	P	14 11 38.9	+1.2		
Matsushiro	43.84	10	P	P	14 01 52.9	+0.1		
MAJO	43.84	10	P	P	14 02 15.9	-0.3		
Matsushiro	43.84	10	P	P	14 07 17.4	-0.1		
MAJO	43.84	10	P	P	14 01 51.0	+0.5		
Matsushiro	43.84	10	P	P	14 01 54.7			
MAJO	43.84	10	P	P	14 01 52.9	+0.1		
Matsushiro	43.84	10	P	P	14 02 19.8	+2.3		
MAJO	43.84	10	P	P	14 07 19.8	+1.2		
Matsushiro	43.84	10	P	P	14 08 15.1	-1.5		
MAJO	43.84	10	P	P	14 11 38.9	+1.2		
Matsushiro	43.84	10	P	P	14 01 52.9	+0.1		
MAJO	43.84	10	P	P	14 02 15.9	-0.3		
Matsushiro	43.84	10	P	P	14 07 17.4	-0.1		
MAJO	43.84	10	P	P	14 01 51.0	+0.5		
Matsushiro	43.84	10	P	P	14 01 54.7			
MAJO	43.84	10	P	P	14 01 52.9	+0.1		
Matsushiro	43.84	10	P	P	14 02 19.8	+2.3		
MAJO	43.84	10	P	P	14 07 19.8	+1.2		
Matsushiro	43.84	10	P	P	14 08 15.1	-1.5		
MAJO	43.84	10	P	P	14 11 38.9	+1.2		
Matsushiro	43.84	10	P	P	14 01 52.9	+0.1		
MAJO	43.84	10	P	P	14 02 15.9	-0.3		
Matsushiro	43.84	10	P	P	14 07 17.4	-0.1		
MAJO	43.84	10	P	P	14 01 51.0	+0.5		
Matsushiro	43.84	10	P	P	14 01 54.7			
MAJO	43.84	10	P	P	14 01 52.9	+0.1		
Matsushiro	43.84	10	P	P	14 02 19.8	+2.3		
MAJO	43.84	10	P	P	14 07 19.8	+1.2		
Matsushiro	43.84	10	P	P	14 08 15.1	-1.5		
MAJO	43.84	10	P	P	14 11 38.9	+1.2		
Matsushiro	43.84	10	P	P	14 01 52.9	+0.1		

6d 13h

Table with columns for station name, frequency, and signal strength. Includes stations like PALK, KBAK, MDJ, etc.

2020 MAY

Table with columns for station name, frequency, and signal strength. Includes stations like SNZO, NZR, WYK, etc.

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Table with columns for station name, frequency, and signal strength. Includes stations like YSS, BLSAP, KOD, etc.

Table with columns: BVAR, 6V, 13h, Borovoye Array, 77.84 328 P P, 14 05 41.6 +0.2, comp=Z, 2.99nm, 0.8s, baz=132, slow=2, SNR=528

Table with columns: LVA, Lava Point, 80.82 32 Iamb Iamb, 14 06 00.7, comp=Z, 1.1um, 1.1s

Table with columns: F14K, Arctic Creek, 85.66 22 P P, 14 06 23.7 +1.5, baz=243, SNR=109

C17K	baz=246,SNR=365	S	S	14 17 06.7	-1.5		
P18K	baz=246 Big Mountain, baz=254,SNR=35	88.23	30	P	P	14 06 35.1	+0.3
P18K	baz=254	S	S	14 17 06.3	-3.8		
N18K	baz=254 Kilae Creek comp=Z,939nm,1.7s	88.29	28	IAMB	IAMB	14 06 38.7	
N18K	baz=253,SNR=105	88.29	28	P	P	14 06 36.8	+1.7
N18K	baz=253	S	S	14 17 12.0	+1.5		
O18K	baz=253 Kokuh Hills baz=254,SNR=21	88.38	29	P	P	14 06 36.4	+0.9
O18K	baz=254	S	S	14 17 09.5	-1.8		
L18K	baz=254 Granite Mounta comp=Z,1um,1.9s	88.39	27	IAMB	IAMB	14 06 39.0	
L18K	baz=252	88.39	27	P	P	14 06 37.1	+1.6
L18K	baz=252	S	S	14 17 12.2	+0.9		
ATD	Arta Tunnel comp=Z,140nm,21.1s,slow=33	88.43	282	LR	LR	14 42 11.5	
ATD	Arta Tunnel comp=Z,777nm,1.2s	88.43	282	IAMB	IAMB	14 06 41.2	
ATD	Arta Tunnel SNR=49	88.43	282	P	P	14 06 40.0	+3.2
M18K	Stony River baz=253,SNR=222	88.56	28	P	P	14 06 38.0	+1.8
M18K	baz=253	S	S	14 17 13.6	+0.6		
E18K	Tukpahleark C comp=Z,371nm,1.1s	88.56	21	IAMB	IAMB	14 06 39.5	
E18K	Tukpahleark C baz=248,SNR=297	88.56	21	P	P	14 06 37.3	+1.1
E18K	baz=248	S	S	14 17 11.6	-1.2		
AKT	Akhty	88.61	312	eP	pP	14 06 36.3	-0.8
AKT	e'SP	88.61	22	pP	sP	14 07 02.1	-3.1
AKT	e'S	88.61	22	sP	sP	14 07 14.1	-3.1
AKT	e'S	88.61	22	sP	sP	14 10 06.7	
AKT	comp=Z,17um,4.7s	88.61	22	SKSac	pmax	14 16 53.8	-2.5
AKT	comp=Z,2um,1.0s	88.61	22	pmax	pmax		
AKT	comp=N,1um,1.4s	88.61	22	pmax	pmax		
AKT	comp=E,1um,1.0s	88.61	22	pmax	pmax		
ELIB	Princess Elisa	88.61	197	dP	P	14 06 37.7	+1.1
F18K	Selawik baz=249,SNR=79	88.61	22	P	P	14 06 36.9	+0.5
F18K	baz=249	S	S	14 17 12.1	-1.1		
H18K	Honhosa River baz=251,SNR=222	88.61	24	P	P	14 06 37.0	+0.5
H18K	baz=251	S	S	14 17 11.8	-1.6		
OHAK	Old Harbor comp=Z,390nm,1.1s	88.64	32	IAMB	IAMB	14 06 39.8	
OHAK	Old Harbor	88.64	32	P	P	14 06 38.2	+1.5
OHAK	Old Harbor baz=255,SNR=28	88.64	32	P	P	14 06 38.2	+1.5
OHAK	baz=255	S	S	14 17 14.2	+0.4		
G18K	Tagagawik baz=250,SNR=181	88.75	23	P	P	14 06 37.7	+0.6
G18K	baz=250	S	S	14 17 12.2	-2.5		
C18K	Utukok River comp=Z,439nm,1.2s	88.81	20	IAMB	IAMB	14 06 39.8	
C18K	Utukok River baz=248,SNR=238	88.81	20	P	P	14 06 38.1	+0.7
C18K	baz=248	S	S	14 17 11.9	-3.3		
Q19K	Cape Douglas, comp=Z,787nm,1.5s	88.89	30	IAMB	IAMB	14 06 42.2	
Q19K	Cape Douglas, baz=255,SNR=22	88.89	30	P	P	14 06 38.2	+0.2
Q19K	baz=255	S	S	14 17 11.7	-4.6		
O19K	Port Alsworth baz=254,SNR=21	88.90	29	P	P	14 06 38.6	+0.7
O19K	baz=254	S	S	14 17 14.9	-1.3		
TAOE	Nuku Hiva Isla comp=Z,994nm,1.6s	88.96	99	eP	PP	14 06 41.0	+1.6
TAOE	comp=Z,4um,27.2s	88.96	99	eP	PP	14 10 06.5	-4.1
TAOE	comp=Z,15um,27.5s	88.96	99	eSS	SS	14 17 11.0	-7.9
TAOE	comp=Z,5um,26.1s	88.96	99	eLR	LR	14 23 16.2	+1.8
TAOE	comp=Z,25um,31.6s	88.96	99	eLR	LR	14 35 10.1	
TAOE	Nuku Hiva Isla comp=Z,994nm,1.6s	88.96	99	P	P	14 06 40.6	+1.2
N19K	Bonanza Creek comp=Z,939nm,1.0s	88.99	28	IAMB	IAMB	14 06 42.5	
N19K	Bonanza Creek baz=254	88.99	28	P	P	14 06 39.8	+1.3
N19K	baz=254	S	S	14 17 16.5	-0.8		
MAK	Makhachkala	89.03	313	dIP	pP	14 06 37.9	-1.0
MAK	e'PP	89.03	313	pP	sP	14 07 04.3	-3.1
MAK	e'SP	89.03	313	sP	sP	14 07 16.1	-2.9
MAK	e'PP	89.03	313	sP	sP	14 10 12.5	
MAK	e'S	89.03	313	sP	sP	14 16 55.8	-2.7
MAK	e'SS	89.03	313	SS	SS	14 23 18.0	+4.0
MAK	e'SSS	89.03	313	SSS	SSS	14 26 46.7	
MAK	comp=Z,1um,1.2s	89.03	313	pmax	pmax		
MAK	comp=Z,16um,3.7s	89.03	313	pmax	pmax		
MAK	comp=N,25um,7.8s	89.03	313	pmax	pmax		
MAK	comp=E,24um,4.9s	89.03	313	MLR	MLR		
MAK	comp=E,17um,22.0s	89.03	313	MLR	MLR		
GCSA	Galena City Sc baz=252,SNR=73	89.08	24	P	P	14 06 39.6	+1.0
GCSA	baz=252	S	S	14 17 16.6	-1.1		
KDAK	Kodiak Island comp=Z,18um,21.4s,slow=34	89.15	32	LR	LR	14 43 40.3	
KDAK	Kodiak Island	89.15	32	P	P	14 06 39.6	+0.5
KDAK	comp=Z,1um,1.8s	89.15	32	IAMB	IAMB	14 06 42.1	
KDAK	Kodiak Island	89.15	32	P	P	14 06 39.6	+0.5
KDAK	comp=Z,1um,1.8s	89.15	32	pmax	pmax		
KDAK	Kodiak Island baz=256	89.15	32	P	P	14 06 40.0	+1.0
KDAK	baz=256	S	S	14 17 18.1	-0.5		
L19K	White Mountain baz=254,SNR=190	89.20	27	P	P	14 06 40.9	+1.6
L19K	baz=254	S	S	14 17 19.5	+0.5		
M19K	Big River Lodg baz=254	89.33	27	P	P	14 06 41.6	+1.6
M19K	baz=254	S	S	14 17 20.4	+0.2		
J19K	Poorman baz=253,SNR=169	89.38	25	P	P	14 06 41.5	+1.4
J19K	baz=253	S	S	14 17 19.2	-1.4		
F19K	Shalercukik Mo baz=251,SNR=198	89.39	22	P	P	14 06 40.3	+0.2
F19K	baz=251	S	S	14 17 17.2	-3.3		
A19K	Wainwright baz=248,SNR=510	89.44	19	P	P	14 06 41.5	+1.3
A19K	baz=248	S	S	14 17 19.7	-1.0		
G19K	Purcell Mounta comp=Z,346nm,0.9s	89.44	23	IAMB	IAMB	14 06 43.7	
G19K	Purcell Mounta baz=252,SNR=473	89.44	23	P	P	14 06 41.5	+1.2
G19K	baz=252	S	S	14 17 18.9	-2.2		

H19K	Roundabout Mou comp=Z,335nm,1.0s	89.50	24	IAMB	IAMB	14 06 44.0	
H19K	Roundabout Mou baz=252,SNR=354	89.50	24	P	P	14 06 41.8	+1.2
H19K	baz=252	S	S	14 17 20.3	-1.2		
C19K	Lookout Ridge baz=249,SNR=1000	89.52	20	P	P	14 06 42.1	+1.4
C19K	baz=249	S	S	14 17 19.8	-2.0		
O20K	Slope Mountain baz=256,SNR=10	89.69	29	P	P	14 06 41.8	+0.1
O20K	baz=256	S	S	14 17 20.0	-3.7		
E19K	Redstone River comp=Z,336nm,0.9s	89.80	22	IAMB	IAMB	14 06 45.2	
E19K	Redstone River baz=252,SNR=437	89.80	22	P	P	14 06 42.9	+1.0
E19K	baz=252	S	S	14 17 21.4	-2.9		
D19K	Kuna River baz=251,SNR=400	89.81	21	P	P	14 06 42.9	+0.8
D19K	baz=251	S	S	14 17 21.2	-3.3		
K20K	Telida baz=254	89.86	26	P	P	14 06 43.9	+1.5
K20K	baz=254	S	S	14 17 23.8	-1.4		
M20K	Styx River baz=255	89.90	27	P	P	14 06 44.0	+1.3
M20K	baz=255	S	S	14 17 25.7	0.0		
J20K	Nowinta River comp=Z,1um,1.8s	90.05	25	IAMB	IAMB	14 06 46.9	
J20K	Nowinta River baz=254,SNR=295	90.05	25	P	P	14 06 44.5	+1.3
J20K	baz=254	S	S	14 17 25.8	-1.0		
HOM	Homr comp=Z,250nm,0.9s	90.07	30	IAMB	IAMB	14 07 44.4	
HOM	Homr baz=257,SNR=12	90.07	30	P	P	14 06 44.0	+0.6
HOM	baz=257	S	S	14 17 24.7	-2.4		
I20K	Naaghedeneel comp=Z,288nm,1.1s	90.08	25	IAMB	IAMB	14 06 46.3	
I20K	Naaghedeneel baz=254,SNR=91	90.08	25	P	P	14 06 44.6	+1.3
I20K	baz=254	S	S	14 17 26.2	-0.7		
H20K	Anotleneega Mo baz=254,SNR=104	90.11	24	P	P	14 06 44.5	+1.0
H20K	baz=254	S	S	14 17 25.8	-1.6		
SPCR	Spurr Chakacha baz=256	90.16	28	P	P	14 06 44.0	+0.1
F20K	Avaraart Lake baz=253	90.23	22	P	P	14 06 45.1	+1.1
F20K	baz=253	S	S	14 17 26.6	-1.6		
CNPM	China Pool comp=Z,1um,1.9s	90.24	30	IAMB	IAMB	14 06 46.6	
D20K	Etvuk River baz=252,SNR=392	90.41	20	P	P	14 06 45.7	+0.9
D20K	baz=252	S	S	14 17 27.1	-2.8		
E20K	Nigu River baz=253,SNR=492	90.42	21	P	P	14 06 45.8	+0.9
E20K	baz=253	S	S	14 17 26.3	-3.8		
BRSE	Bradley Lake S baz=257,SNR=11	90.53	30	P	P	14 06 46.2	+0.6
BRSE	baz=257	S	S	14 17 28.0	-3.4		
CAPN	Captain Cook N baz=257,SNR=7.4	90.56	29	P	P	14 06 46.9	+1.3
CAPN	baz=257	S	S	14 17 28.4	-3.1		
PPLA	Purkeypile comp=Z,600nm,1.6s	90.58	27	IAMB	IAMB	14 06 48.1	
PPLA	Purkeypile baz=256,SNR=57	90.58	27	P	P	14 06 46.5	+0.6
PPLA	baz=256	S	S	14 17 27.9	-4.0		
B20K	Meade River baz=252	90.63	19	P	P	14 06 46.8	+1.1
B20K	baz=252	S	S	14 17 28.7	-3.0		
GNI	Garni comp=Z,233nm,1.0s,baz=175,slow=8,SNR=76	90.63	310	P	P	14 06 48.1	+1.4
GNI	comp=Z,233nm,1.0s	90.63	310	P	P	14 32 27.7	-0.1
GNI	comp=Z,3.7nm,0.3s,baz=163,slow=3.0,SNR=3.6	90.63	310	P	P		
GNI	comp=Z,233nm,1.0s	90.63	310	P	P		
GNI	comp=Z,690nm,1.3s	90.63	310	pmax	pmax		
GNI	comp=Z,10um,24.0s	90.63	310	MLR	MLR		
GNI	Garni	90.63	310	P	P	14 06 47.9	+1.2
GNI	Garni	90.63	310	P	P	14 06 48.1	+1.4
GNI	Garni	90.63	310	P	P	14 06 47.5	+0.8
GNI	Garni	90.63	310	P	P	14 06 47.5	+0.8
BELG	Belogornoye comp=Z,327nm,0.9s,baz=300,slow=2,SNR=60	90.63	323	P	P	14 06 45.4	-0.7
BELG	comp=Z,23nm,0.8s,baz=103,slow=23,SNR=12	90.63	323	S	SKSac	14 17 03.8	-3.6
BELG	comp=Z,49nm,0.9s,baz=156,slow=1.3,SNR=6.9	90.63	323	P	PKKPbc	14 24 13.9	-0.7
BELG	comp=Z,5um,21.4s,baz=98,slow=38	90.63	323	LR	LR	14 52 06.8	
BELG	comp=Z,327nm,0.9s	90.63	323	P	P	14 06 45.2	-0.9
BELG	comp=Z,146nm,1.1s	90.63	323	pmax	pmax		
BELG	comp=Z,2um,25.0s	90.66	28	MLR	MLR		
SKT	Skventna baz=257,SNR=74	90.66	28	P	P	14 06 45.7	-0.4
SKT	baz=257	S	S	14 17 26.8	-5.7		
IMAR	Indian Mountai Lake Minchumim baz=256,SNR=311	90.69	23	P	P	14 06 46.3	+0.1
CHUM	baz=256	90.76	26	P	P	14 06 47.7	+1.2
CHUM	baz=256	S	S	14 17 31.9	-1.3		
KIRV	Kirov comp=Z,225nm,0.8s,baz=106,slow=4.3,SNR=90	90.81	329	P	P	14 06 46.0	-0.8
KIRV	Kirov	90.81	329	P	P	14 06 45.7	-1.1
G21K	Allakaket baz=255,SNR=120	90.93	23	P	P	14 06 48.1	+0.8
G21K	baz=255	S	S	14 17 33.0	-1.7		
H21K	Melozitna Rive baz=256	90.99	24	P	P	14 06 48.5	+0.9
H21K	baz=256	S	S	14 17 33.3	-2.0		
F21K	Alatna River baz=255,SNR=50	91.12	22	P	P	14 06 48.8	+0.6
F21K	baz=255	S	S	14 17 34.2	-2.3		
L22K	Petersville baz=258,SNR=106	91.13	27	P	P	14 06 48.2	-0.1
L22K	baz=258	S	S	14 17 31.6	-5.2		
C21K	Knifeblade Rid baz=254,SNR=292	91.17	20	P	P	14 06 49.6	+1.3
C21K	baz=254	S</					

6d 13h

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like KIV, K23K, C23K, DHY, etc.

2020 MAY

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like LABN, D25K, F25K, E25K, etc.

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Table with columns for station name, elevation, frequency, and other technical details. Includes stations like SNA, SNA, SNA, SNA, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like CLL comp=Z,96nm,1.7s, CLL comp=Z,80nm,1.1s, and CLL comp=Z,6um,5.4s.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like PFO comp=Z,6.7nm,0.8s,baz=296,slow=6.5,SNR=7.6, GRF comp=Z,37nm,0.8s,baz=252,slow=2.0,SNR=13.1, and ABTA Abfattersbach comp=Z,12nm,1.3s.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like GDLE comp=Z,115nm,0.8s, ELMS Elmsett, Ipswi 118.51 327 eP, KEST comp=Z,122nm,0.7s, and EDI Edinburgh 118.62 332 eP.

6d 14h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TOR, MVO, EMAL, PLCA, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CMIG, ARCO, MIRA, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BNJ, PCH, GJW, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes a section for 'PRE 06:14:05:08.9.0.33.27S:28.52E, h5km, ML2.5, Presumed earthquake, South Africa'.

BER 06 15:21:56.13.5, 67.89N, 33.65E, h0km, ML1.9, Suspected explosion

ISC 06 15:21:49.7-0.9, 67.62N, 03.03-1.10E, 0.04, h0km, m3.4, 156/65, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, ISC. Lists seismic stations and their characteristics.

ISC 06 15:25:22.0-0.3, 6.98S, 129.62E, h75km, 39km, mb3.2/2, mbtmp3.6/6, ML3.6/4, Error ellipse: s-maj=74.0km s-min=23.4km az=92.0

ISC 06 15:25:20.9-0.9, 7.12S, 106.130E, 0.2, h100km, n6, 6375/10, Tanimbar Islands region

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, ISC. Lists seismic stations for the Tanimbar Islands region.

SJA 06 15:42:59.0-1.4, 32.98S, 72.34W, h16km, 7km, ML3.5, MW3.5

GUC 06 15:43:03.5-0.8, 33.01S, 72.16W, h33km, 7km, ML3.4

ISC 06 15:43:02.4-2.1, 33.01S, 0.04, 72.13W, 0.08, h17km, 11km, n21, 0987/32, 1C-9D, Off coast of central Chile

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, ISC. Lists seismic stations for Chile.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, ISC. Lists seismic stations for the 2020 MAY section.

IDC 06 15:43:03.4-0.4, 19.30S, 70.53W, h0km, mb4.5/15, mbtmp4.5/20, ML4.2/4, Error ellipse: s-maj=17.6km s-min=13.2km az=68.0

VAO 06 15:43:03.5-0.4, 19.34S, 70.57W, h10km, mb5.0, Presumed earthquake

SJA 06 15:43:08.7-1.6, 19.41S, 70.63W, h25km, ML4.8, MW4.6

MOS 06 15:43:10.6-0.9, 19.42S, 70.72W, h66km, mb5.1/9, Error ellipse: s-maj=18.4km s-min=8.9km az=105.4

NEIC 06 15:43:12.6-1.6, 19.36S, 0.03, 70.48W, 0.06, h64km, 4km, mb5.0/127, Mw7.5-1(GUC), Error ellipse: s-maj=6.8km s-min=4.2km az=79.0

GUC 06 15:43:12.8-0.6, 19.32S, 70.42W, h74km, 4km, ML5.1

ISC 06 15:43:12.0-0.4, 19.33S, 0.02, 70.47W, 0.05, h71km, 3km, h71km, pp-P, n356, 0158/330, mb4.9/83, 13C-5D, Near coast of northern Chile

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, ISC. Lists seismic stations for Chile.

ISC 06 15:43:03.5-0.4, 19.34S, 70.57W, h10km, mb5.0, Presumed earthquake

SJA 06 15:43:08.7-1.6, 19.41S, 70.63W, h25km, ML4.8, MW4.6

MOS 06 15:43:10.6-0.9, 19.42S, 70.72W, h66km, mb5.1/9, Error ellipse: s-maj=18.4km s-min=8.9km az=105.4

NEIC 06 15:43:12.6-1.6, 19.36S, 0.03, 70.48W, 0.06, h64km, 4km, mb5.0/127, Mw7.5-1(GUC), Error ellipse: s-maj=6.8km s-min=4.2km az=79.0

GUC 06 15:43:12.8-0.6, 19.32S, 70.42W, h74km, 4km, ML5.1

ISC 06 15:43:12.0-0.4, 19.33S, 0.02, 70.47W, 0.05, h71km, 3km, h71km, pp-P, n356, 0158/330, mb4.9/83, 13C-5D, Near coast of northern Chile

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, ISC. Lists seismic stations for Chile.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, ISC. Lists seismic stations for the 6d 15h section.

URIC Uribia, Colomb 4.94 13 eP Pn 15 53 20.6 -0.4
URIC Uribia, Colomb 4.94 13 eS Sn 15 54 13.0 -4.8
FLC Florencia 5.82 206 P Pn 15 53 33.2 +0.4
BBAC Balboa, Cauca 6.34 221 P Pn 15 53 42.0 +2.3

NEIC 06 15:56:13.66:74N:153:83W, h12km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm. Mr=1.13; Mw=1.29; Mo=0.16; Ms=1.52; Mv=3.53; Mw=2.23; Fault plane solution: M4.32000x10^14 NP1=0.269,00000, S72.00000, lambda=154.00000, NP2=0.170,00000, S65.00000, lambda=20.00000. Principal axes: T 4.3177, P1g5.0000, Azm38.0000; N -0.0031, P1g58.0000, Azm301.0000; P -4.3146, P1g31.0000, Azm311.0000

NEIC 06 15:56:13.66:75N:0:02:153:79W:0:04, h10km, 1km, ML3.9/154, ML3.7(AEIC), Mw3.719(SLM) Error ellipse: s-maj=3.3km s-min=2.9km az=200.0

AEIC 06 15:56:13.3:1.6:66:76N:0:02:153:80W:0:04, h9km, 2km, Error ellipse: s-maj=2.7km s-min=2.3km az=210.0
IDC 06 15:56:14.9:1.7:67:16N:152:89W, h0km, mb3.6/5, mbtmp3.6/10, ML3.4/5, Error ellipse: s-maj=22.8km s-min=11.8km az=41.0

ISC 06 15:56:12.6:1.2:66:77N:0:02:153:75W:0:03, h0km, 9gkm, n210, o998/1999, mb3.8/5, Northern Alaska

Table with columns: Code, Station Name, Az, AzP, Phase ID, Time, Res, ISC. Lists stations like Allakaket, Alatina River, Anantuvuk Pass, etc.

2020 MAY

Main table listing seismic events with columns: Code, Station Name, Az, AzP, Phase ID, Time, Res, ISC. Includes stations like Kantishna Hill, Franklin Bluff, Meade River, etc.

6d 15h

Table listing seismic events with columns: Code, Station Name, Az, AzP, Phase ID, Time, Res, ISC. Includes stations like Holitna River, Sheep Creek Mo, Tolsona, Glenn, etc.

SOME 06 15:56:21.7, 39:03N:73:90E, h10km
NNC 06 15:56:28.1:3.6, 39:19N:74:33E, h0km, mb3.7, mpv3.3, Error ellipse: s-maj=27.1km s-min=17.3km az=164.0

KRNET 06 15:56:38.9:0.1, 39:02N:73:95E, h17km, mb3.5
ISC 06 15:56:35.4:1.5, 39:52N:0:07:74:15E:0:04, h10km, n26, lambda=185/40, 20C-ID, Southern Kijiang

Table listing seismic events with columns: Code, Station Name, Az, AzP, Phase ID, Time, Res, ISC. Includes stations like Sfk, Salom-Alik, Osh, Karamyk, Aral, Naryn, etc.

Table with columns: KK31, Karatay Array, 4.51 324, Pn, 15 57 45.2 +1.4, etc.

NEIC 06 16:05:05.8:1.8,3:59S:0.09:135:55E:0.04,h33km,6km, mb4.3/20, Error ellipse: s-maj=13.3km s-min=6.1km az=171.0

DJA 06 16:05:06.3:0.9:3'S:3.1'E, h12km:7km, M4.4/17, mb5.0/2, mb4.6/7, MLV4.3/17, MW/BM4.3/17, IDC 06 16:05:06.2:3.4:3:54S:135:57E,h37km,mb3.6/6, mbmp3.9/9, ML4.0/4, MS4.5/1, Error ellipse: s-maj=25.5km s-min=20.6km az=68.0

ISC 06 16:05:03.9:0.6:3:63S:0.06:135:61E:0.05,h22km,n54, e209/58,mb4.3/13,Irian Jaya region

Main table for NEIC/DJA/ISC stations with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: JHYU, Hitachinakayam, 2.02 297, P, 16 12 31.8 -0.7, etc.

JMK Ichinoskei, 3.73 340, P, 16 12 55.0 -0.7

JMU Matushiro Arr, 3.90 288, P, 16 12 59.0 +0.9

JMAT Matsushiro, 3.90 288, P, 16 12 59.3 +1.1

JMC Chichijima, 8.34 184, P, 16 13 54.9 -4.1

JCU Zalesovo Beam, 4.94 304, P, 16 20 07.8 +7.1

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

BUC 06 16:29:48.9:0.2,45:61N:26:41E,h96km,1km,ml3.6/52, Error ellipse: s-maj=1.3km s-min=1.0km az=8.0

SOF 06 16:29:48.6,45:61N:0:01:26:39E:0:02,h100km,1km, MD3.2/4

ISC 06 16:29:48.7:1.2,45:62N:0:03:26:43E:0:02,h100km,6km, n67,e06/31/10,55C-ABZ,Romania

Main table for BUC/SOF/ISC stations with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: PLVB, Plevén, 2.58 211, P, 16 30 28.7 -0.1, etc.

IDC 06 16:34:27.6:2.8,6:99S:129:85E,h93km,37km,mb3.1/2, mbmp3.4/6, Error ellipse: s-maj=72.5km s-min=22.7km az=91.0

ISC 06 16:34:26.1:0.9,7:03S:0:06:130:6E:0:12,h100km,n6, e240/9, Timar Islands region

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

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ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

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ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

ASAR Alice Springs, 59.39 190, P, 16 22 00.3 +3.2

IDC 06 17:06:09.1,317.0,32.62N,14.63E,h0km, Error ellipse: s-maj=142.7km s-min=115.6km az=123.0, Near coast of Libya

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
48TN	KESRA INFRASON	5.42	307	Op	h m s ISC	17 39 30.0
119DJ	119DJ	33.62	122	I	21	20 31.20.0
132KE	NAIROBI INFRAS	39.68	144	I	21	20 29.20.0

IDC 06 17:18:15.8,6.3,39.33N,111.35E,h0km,mb3.3/4, mbtmp3.4/5,ML3.3/1, Error ellipse: s-maj=134.7km s-min=31.2km az=84.0, Northeastern China

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
SOMM	Songino Array	9.22	339	Op	h m s ISC	17 20 31.4 +1.3
MKAR	Makanchi Array	22.41	299	P	17	23 15.7 -0.3
CMAR	Chiang Mai Arr	23.42	211	P	17	23 27.1 +0.5
KURBB	Kurchatov Arra	25.61	307	P	17	23 47.6 +1.0
BRTR	Keskin Array B	58.05	297	P	17	28 09.2 -1.6

IDC 06 17:22:22.9,3.7,47.46N,93.24W,h0km,mbtmp2.6/2, ML0.7/1, Error ellipse: s-maj=73.1km s-min=25.8km az=59.0, Minnesota

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ULM	Lac du Bonnet	3.29	329	Op	h m s ISC	17 23 14.4 -1.3
ULM	0.5nm,0.3s,baz=140,slow=7.9,SNR=1.4			Pg	17	23 21.5 -0.7
ULM	0.4nm,0.3s,baz=143,slow=13,SNR=3.0			Sn	17	23 53.4 -2.2
ULM	0.5nm,0.3s,baz=168,slow=9.8,SNR=5.1			Lg	17	24 04.7
10CA	LAC DU BONNET	3.31	327	I	17	43 40.0
PDAR	Pinedale Array	12.44	254	Lg	17	28 42.3
YKKA	Yellowknife Arr	19.28	329	P	17	26 49.2 +0.4

JMA 06 17:30:28.0,5.0,33.8N,10.142°E, h28km, MV3.1/21, E OFF HACHUOJIMA ISLAND

IDC 06 17:30:30.5,4.4,33.57N,141.60E,h40km,37km,mb3.2/4, mbtmp3.4/5,ML2.5/1, Error ellipse: s-maj=28.3km s-min=13.4km az=102.0

ISC 06 17:32:28.6,3.6,33.66N,0.06,141.6E, h27km,24km, n18, c084/25, mb3.5/4, Off east coast of Honshu

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
BSO1	Boso 1	1.14	331	Op	h m s ISC	17 30 47.6 -0.7
BSO3	Boso 3	1.17	327	P	17	30 57.7 +0.9
JHJ2	Mitsune	1.62	251	eS	17	30 56.7 +1.4
JHJ2				Pb	17	31 17.4 -0.4
JHJ	Hachijo jima 2	1.64	251	P	17	30 55.5 -0.2
JHJ	58nm,0.3s,baz=78,slow=20,SNR=66			Sn	17	31 14.9 -1.0
JHJC	Hachiojimakas	1.65	250	eP	17	30 56.6 +0.8
BSO4	Boso 4	1.71	321	eP	17	30 57.0 +0.4
JMKM	Mikurajimanish	1.72	278	eP	17	30 57.7 +0.9
JMKM				Sn	17	31 18.0 +0.1
JIAMK	Miyake Tsubota	1.79	284	eP	17	30 57.2 +0.5
AOAK	Agoshimamukai	1.97	233	eP	17	31 00.9 +0.6
JIM2	Oshima 3	2.11	301	eP	17	31 01.6 -0.7
JIM2				eS	17	31 26.6 -1.0
JIZS	Izushimaoda	2.25	296	eP	17	31 08.4 +0.6
JOD2	Odawara 2	2.65	308	eS	17	31 09.4 -0.2
JOD2				eS	17	31 40.1 -0.8
JAG	Ashikaga	3.29	328	eP	17	31 18.8 +0.3
JAG				eS	17	31 57.8 +1.0
MJAR	Matsushiro Arr	4.02	317	P	17	31 29.9 +1.4
MJAR	0.3nm,0.3s,baz=156,slow=10,SNR=931			S	17	32 16.3 +1.5
MJAR	3.0nm,0.5s,baz=155,slow=15,SNR=7.2			S	17	32 16.3 +1.5
MJAR	1.2nm,0.3s			S	17	32 16.3 +1.5
MKAR	Makanchi Array	46.13	305	P	17	38 50.8 +0.2
MKAR	0.3nm,0.5s,baz=82,slow=8.8,SNR=6.4			P	17	38 50.8 +0.2
KURBB	Kurchatov Arra	48.23	310	P	17	39 07.7 +0.5
KURBB	0.5nm,0.6s,baz=84,slow=7.6,SNR=6.0			P	17	39 07.7 +0.5
WRA	Warramunga Arr	53.75	189	P	17	39 48.1 -0.5
WRA	0.2nm,0.3s,baz=5.8,slow=7.6,SNR=7.7			P	17	39 48.1 -0.5
ASAR	Alice Springs	57.48	188	P	17	40 14.6 -0.8
ASAR	0.3nm,0.9s,baz=8.2,slow=6.6,SNR=0.8			P	17	40 14.6 -0.8

IDC 06 17:34:29.2,1.0,34.20N,25.92E,h0km,mb3.8/11, mbtmp3.7/17,ML3.3/6,MS3.4/1, Error ellipse: s-maj=20.3km s-min=12.4km az=25.0

ISK 06 17:34:30.9,34.28N,26.00E,h9km,ML3.1/17 THE 06 17:34:31.5,34.2N,27.2°E, h7km,29km, M3.1/6, MLh3.1/6

ATH 06 17:34:36.0,34.64N,25.92E,h16km,4km,ML3.1/6, Latitude uncertainty: 3 km; Longitude uncertainty: 2 km

AFAD 06 17:34:38.4,34.73N,26.31E,h7km,6km,ML2.9

ISC 06 17:34:31.6,1.5,34.36N,0.05,26.05E,0.03,h12km,9km, n73, c225/94, mb3.7/10, Crete

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ZKR	Zakros	0.77	10	Pg	17	34 47.4 +0.9
ZKR				Sg	17	35 00.1 +2.8
ZKR	Zakros	0.77	10	P	17	34 46.9 +0.4
ZKR				Sg	17	34 58.8 +2.3
ZKR	Zakros	0.77	10	P	17	34 46.6 +0.2
ZKR				Sg	17	34 02.9 -1.7
SIT2	Siteia	0.85	3	P	17	34 47.9 +0.1
SIT2				S	17	34 55.5 -3.5
NPS	Neapolis	0.97	338	P	17	34 49.3 -1.1
NPS				Sg	17	34 58.0 -5.0
IACM	Heraklion	1.24	320	P	17	35 04.9 +0.5
IACM				Sg	17	35 16.3 +4.8
IDI	Anoia	1.33	314	Pg	17	34 55.7 -0.4
IDI				Lg	17	35 14.6
IDI	Anoia	1.33	314	Pn	17	34 56.6 +0.5
IDI				Sg	17	35 15.4 +0.9
IDI	Anoia	1.33	314	P	17	34 56.1 0.0
IDI				Sg	17	35 18.1 +3.5
IDI	Anoia	1.33	314	P	17	34 55.4 -0.2
IDI				Sb	17	35 09.9 -3.8
KARP	Karpathos	1.50	37	Pn	17	35 00.0 +1.7
KARP				Pb	17	35 17.6 -0.2
KARP	Karpathos	1.50	37	Pn	17	35 00.6 +1.2
GVD	Gavdhos	1.69	287	Pn	17	35 01.2 +0.2
GVD				Pg	17	35 09.9 -1.7
GVD	Gavdhos	1.69	287	P	17	35 26.4 +0.5
GVD				Pb	17	35 02.6 -0.1
GVD				S	17	35 22.3 -0.2
VAM	Vamos	1.85	305	Pn	17	35 04.2 +1.0
VAM				Pn	17	35 04.3 +1.2
IMMV	Iera Moni Meta	2.02	303	Pn	17	35 06.4 +0.8
IMMV				Pb	17	35 07.9 -0.4
IMMV	Iera Moni Meta	2.02	303	P	17	35 06.3 +0.7
IMMV				S	17	35 29.2 -1.6
THERA	Ancient Thera	2.06	347	Pn	17	35 07.6 +1.6
ARG	Arkhangelos	2.51	42	Pn	17	35 14.4 +2.1

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
YAZI	Mula-Datša-	2.58	26	P	17	35 14.7 +1.4
DAT	Datca	2.67	27	Pn	17	35 16.5 +1.9
DAT	Datca	2.67	27	Pn	17	35 16.3 +1.7
BODT	Bodrum	2.89	20	Pn	17	35 36.3 -1.1
TURN	Turunc	2.93	22	P	17	35 19.4 +2.0
TURN	Turunc	3.00	36	Pn	17	35 20.2 +2.1
TURN	Turunc	3.00	36	Pn	17	35 21.8 +2.8
DALY	Dalyan (Mula)	3.24	40	Pn	17	35 24.9 +2.6
MLSB	Milas	3.25	25	Pn	17	35 24.8 +2.0
YER	Yerkesli	3.31	33	Pn	17	35 26.1 +2.8
IZZE	Mula-Seydike	3.32	50	S	17	35 24.9 -1.4
IZZE				S	17	36 01.0 -1.0
IZZE				IAML	17	36 09.0

comp=E,48nm,0.5s

IZZE comp=E,63nm,0.5s

SABU Mula-Dalaman 3.42 43 Pn Pn 17 35 26.5 +1.7

SABU comp=E,36nm,1.9s

AKAS Kas 3.46 56 Pn Pn 17 35 27.7 +2.3

AKAS Kas 3.46 56 Pn Pn 17 35 27.2 +1.9

AKAS comp=E,56nm,1.3s

VLI Yelil 3.46 314 P Pn 17 35 25.9 +0.5

AYDN Tasuluk 3.62 214 P Pn 17 35 29.0 +1.5

CAME Camel-Denizli 3.70 45 Pn Pn 17 35 31.3 +2.6

DNZT Denizli-Tavas- 3.79 39 P S Pn 17 35 28.3 -1.6

KNIK Mula-Seydike 3.79 48 P Pn 17 35 29.6 -0.5

CAEL Denizli, Camel 3.83 43 P Pn 17 35 35.9 +5.4

TAVL DENIZLI_Tavas 3.87 36 P S Pn 17 36 11.2 -4.4

AYED Zeytinokuy-Aydi 3.88 22 Pn Pn 17 35 33.6 +2.4

AKUM Aydn-Nazilli 3.90 28 Pn Pn 17 35 31.1 -0.3

AKUM Antalya-Kumluc 4.02 60 P S Pn 17 35 33.8 +0.8

AKUM comp=E,32nm,0.8s

DNIZ Denizli-Tavas- 4.06 36 P Pn 17 35 31.9 -1.8

ODEM Odemis-Izmir 4.24 22 Pn Pn 17 35 38.8 +2.7

KIRA zmir-Kiraz 4.28 26 Pn Pn 17 35 39.3 +2.7

SULTU Buldan 4.29 30 P IAML 17 35 40.7 +3.9

INCE Denizli-Bozkur 4.40 39 P IAML 17 35 39.0 +0.7

INCE comp=E,16nm,0.7s

PASA Karahalli, USA 4.85 34 P S Pn 17 35 42.8 -1.7

KEPZ Antalya-Kepez 5.19 59 P IAML 17 35 51.7 +2.6

KEPZ comp=N,13nm,0.9s

MMAI Mount Meron Ar 7.91 97 Pn Pn 17 36 27.4 +0.8

BRTR Keskin Array B 8.09 46 Pn Pn 17 36 31.4 +2.4

EIL Elat 8.88 119 Pn Pn 17 36 40.6 +0.8

EIL 1.1nm,0.3s,baz=239,slow=8.7,SNR=6.5

KBZ Khabaz 16.06 49 Pn Pn 17 38 20.4 -0.2

VRAC Vranov 16.50 338 LR LR 17 46 23.2

AKASE Malin Array Be 16.50 7 Pn Pn 17 38 24.0 +1.2

GERES GERESS Array B 17.14 331 P Pn 17 38 31.4 +0.5

ESDC Sonseca Array 24.48 291 P Pn 17 39 49.6 -1.0

FINES FINESS Array B 27.10 0 P Pn 17 40 13.3 -0.8

EKA Eskdalemuir Ar 29.12 325 P P 17 40 31.5 -0.6

TORD Torodi Ar. Bea 30.56 322 P P 17 40 43.0 -2.2

ARCES ARCES Array B 31.23 360 P P 17 41 26.8 +1.3

BVAR Borovoye Array 36.38 45 P P 17 41 36.2 +0.7

KURBB Kurchatov Arra 41.06 50 P P 17 42 16.0 +1.2

MKAR Makanchi Array 43.61 56 P P 17 42 37.4 +1.7

ZALV Zalevovo Beam 45.03 46 P P 17 42 48.1 +1.2

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
GLVR	120nm,0.3s			A	17	38 44.5
JRA	Rausu	2.50	264	eP	Pb	17 38 16.9 -1.4
JNSB	Nemuroshibetsu	2.61	261	eS	Sb	17 38 47.5 -1.7
JNSB				eS	Pb	17 38 18.1 -2.2
JKHN	Kushirohamanak	2.72	246	eP	Pn	17 38 49.4 +1.8
JKHN				eS	Pn	17 38 50.9 +1.8
JNK	Nakash	2.85	25			

2020 MAY

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like GIUM Giurgulesti, INCR INCERC-Sediu C, CRX Carcaliu, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like UGLR Uglouvaya, AVH Avacha, Arik, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like GBPR Cerrillos, CELP Cerrillos, CELP Cerrillos, etc.

IDC 06 18:15:47.2±1.5, 34.7±1.8N; 25.93E, h0km, mb3.7/5, mbtmp3.7/5, Error ellipse: s-maj=32.7km s-min=22.9km az=154.0

AFAD 06 18:15:58.5, 34.50N; 26.53E, h7km, 10km, ML2.7, ISC 06 18:15:54.9±2.5, 34.77N; 0.1±26.1E; 0.2, h10km, n16, c3r16/19, mb3.6/4, Crete

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IDE Isla Desecheo, IDE Isla Desecheo, HIDR Higey Centro, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IDE Isla Desecheo, IDE Isla Desecheo, HIDR Higey Centro, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IDE Isla Desecheo, IDE Isla Desecheo, HIDR Higey Centro, etc.

KRSC 06 18:16:30.5±1.8, 54.70N; 166.04E, h42km±16km, MI3.8, Komandorsky Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like BKI Bering, BKTR Krutoberegovo, MKZ Mys Kozlovka, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like BKI Bering, BKTR Krutoberegovo, MKZ Mys Kozlovka, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like BKI Bering, BKTR Krutoberegovo, MKZ Mys Kozlovka, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SDV Santo Domingo, SDV San Jose de Ur, SDV Santa Helena, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SN07 Snyder 07, SMWD Samnorwood, POST Pos Arroyo, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DBG Daneborg, MIMPY Sheldon Lake, P33M Teslin, Yukon, etc.

6d 19h

G26K	Porcupine River	66.97 335	P	P	19 11 29.5 +0.9
F26K	Sheehjek River	67.18 336	P	P	19 11 30.8 +0.8
RIDG	Independent Ri	67.19 332	P	P	19 11 31.1 +0.9
C27K	Jago River	67.22 338	Iamb	Iamb	19 11 31.7
C27K	Jago River	67.22 338	P	P	19 11 30.8 +0.7
BMAR	Burnt Mountain	67.32 336	P	P	19 11 30.6 +0.3
PAX	Paxson	67.43 331	P	P	19 11 32.5 +0.8
J25K	Salcha River,	67.46 333	P	P	19 11 32.7 +0.8
PRP	Porcupine Dome	67.57 334	P	P	19 11 33.2 +0.5
K24K	Donnelly Dome	67.60 332	P	P	19 11 33.5 +0.7
KLU	Klutina	67.61 330	P	P	19 11 33.4 +0.5
C26K	Camden Bay	67.66 339	P	P	19 11 33.8 +0.9
F25K	Christian River	67.74 336	Iamb	Iamb	19 11 35.6
F25K	Christian River	67.74 336	P	P	19 11 34.4 +0.8
E25K	Arctic Village	67.75 337	P	P	19 11 34.3 +0.7
Q23K	Middleton Isla	67.80 327	P	P	19 11 34.9 +1.0
G25K	Bearman Lake	67.87 335	P	P	19 11 35.0 +0.7
DAVA	Damuels	67.98 46	eP	P	19 11 33.6 -2.0
DAVOX	Davos/Dischmat	68.03 46	LR	LR	19 38 36.2
IL31		68.11 333	Iamb	Iamb	19 12 00.0
ILAR		68.11 333	P	P	19 11 36.0 +0.2
D25K	Kavik River	68.12 338	Iamb	Iamb	19 11 37.3
D25K	Kavik River	68.12 338	P	P	19 11 36.5 +0.5
NOA	NORSAR Array B	68.18 31	P	P	19 11 36.7 +0.3
NOA					19 37 51.9
SCM	Sheep Creek Mo	68.28 330	P	P	19 11 37.6 +0.5
FUORN	Onepass-Fuorn	68.30 47	P	P	19 11 37.5 -0.2
FUORN					19 11 39.4
POKR	Poker Plat Res	68.36 333	P	P	19 11 38.0 +0.6
G24K	Hadweezic Riv	68.41 335	P	P	19 11 38.4 +0.6
WAT6	Susitna Watana	68.47 331	P	P	19 11 38.7 +0.3
H24K	Noodor Dome	68.56 334	P	P	19 11 39.4 +0.7
FETA	Reutte	68.56 46	eP	P	19 11 39.9 +0.8
FETA	Reutte	68.56 46	eP	P	19 11 40.3 +1.0
F24K	Squaw Lake	68.60 336	P	P	19 11 39.5 +0.6
SML	Sawmill	68.76 330	P	P	19 11 40.8 +0.8
MOTA	Moosalm	68.81 46	eP	P	19 11 40.3 -0.4
ENK	Knik Glacier	68.82 329	P	P	19 11 41.3 +0.9
K24K	Your Creek	68.84 337	Iamb	Iamb	19 12 12.7
E24K	Your Creek	68.84 337	P	P	19 11 41.2 +0.7
WAT1	Susitna Watana	68.84 331	P	P	19 11 41.2 +0.7
SQTA	Sankt Quirin	68.89 46	eP	P	19 11 41.9 +0.7
C24K	Franklin Bluff	68.96 336	P	P	19 11 41.6 +0.5
RND	Reindeer	68.97 332	Iamb	Iamb	19 11 43.4
D24K	Happy Valley	68.99 338	P	P	19 11 42.0 +0.7
MCK	McKinley	69.00 332	P	P	19 11 42.1 +0.6
NEA2	Nenana	69.05 333	P	P	19 11 42.5 +0.8
I23K	Minto, Yukon-K	69.17 333	Iamb	Iamb	19 11 45.0
I23K	Minto, Yukon-K	69.17 333	P	P	19 11 43.0 +0.6
WTTA	Wattenberg	69.18 46	eP	P	19 11 42.6 -0.5
H23K	Yukon River	69.24 334	P	P	19 11 43.5 +0.6
TOLK	Toolik Lake Re	69.25 337	P	P	19 11 43.6 +0.7
E23K	Chandalar	69.26 337	P	P	19 11 43.8 +0.7
SEW	Seward	69.36 328	P	P	19 11 44.6 +1.0
HFS	Hagfors	69.42 32	LR	LR	19 37 24.1
G23K	Bananza Creek	69.43 335	Iamb	Iamb	19 11 46.2
G23K	Bananza Creek	69.43 335	P	P	19 11 45.0 +0.9
TRF	Thorofare Moun	69.47 332	P	P	19 11 46.0 +0.5
C23K	Itkillik River	69.63 338	Iamb	Iamb	19 11 46.9
C23K	Itkillik River	69.63 338	P	P	19 11 46.1 +0.9
D23K	Nanushuk River	69.66 338	Iamb	Iamb	19 11 47.4
D23K	Nanushuk River	69.66 338	P	P	19 11 46.1 +0.7
MLY	Manley	69.76 333	P	P	19 11 46.7 +0.6
BPAW	Bear Paw Mtn.	69.90 332	Iamb	Iamb	19 11 55.2
BPAW	Bear Paw Mtn.	69.90 332	P	P	19 11 47.5 +0.5
G22K	Bettles	70.01 335	P	P	19 11 48.1 +0.6
E22K	Anaktuvuk Pass	70.09 337	Iamb	Iamb	19 11 50.9
E22K	Anaktuvuk Pass	70.09 337	P	P	19 11 48.5 +0.4
SPITS	Spitsbergen Ar	70.19 13	LR	LR	19 41 20.8
F22K	John River	70.25 336	P	P	19 11 49.6 +0.5
KHC	Kasperske Hory	70.26 44	P	P	19 11 49.1 -0.4
KHC	Kasperske Hory	70.26 44	eP	P	19 11 55.5
KHC	Kasperske Hory	70.26 44	eP	P	19 11 49.9 +0.4
SKT	Skwentna	70.26 330	P	P	19 11 49.8 +0.5
GERES	GERESS Array B	70.38 44	P	P	19 11 50.5 +0.2
GERES					19 38 34.7
CHUM	Lake Minchuminn	70.50 332	P	P	19 11 51.3 +0.7
PPLA	Purkeypille	70.51 331	P	P	19 11 51.2 +0.3
B22K	Teshkepuk Lake	70.58 339	Iamb	Iamb	19 11 52.7
B22K	Teshkepuk Lake	70.58 339	P	P	19 11 51.7 +0.7
H21K	Melozitna Rive	70.59 334	P	P	19 11 51.7 +0.5
SPCR	Spurr Chakacha	70.64 329	P	P	19 11 52.0 +0.3
F21K	Alatina River	70.77 336	P	P	19 11 52.7 +0.4
G21K	Atlakaket	70.82 335	P	P	19 11 52.7 +0.1

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E21K	Killik River	70.88 337	P	P	19 11 53.0 +0.1
IMAR	Indian Mountai	70.96 334	P	P	19 11 53.2 -0.2
M20K	Styx River	71.03 330	P	P	19 11 54.1 +0.1
B21K	Ikpikpuk River	71.03 338	Iamb	Iamb	19 11 55.2
B21K	Ikpikpuk River	71.03 338	P	P	19 11 54.3 +0.6
A22K	Sinclair Lake	71.06 340	P	P	19 11 54.5 +0.6
C21K	Knifeblade Rid	71.12 338	P	P	19 11 54.8 +0.4
KD4K	Kook Island	71.15 326	P	P	19 11 55.4 +0.7
J20K	Nowitza River	71.28 333	Iamb	Iamb	19 12 00.8
J20K	Nowitza River	71.28 333	P	P	19 11 55.6 +0.3
K20K	Telida	71.32 332	P	P	19 11 55.8 +0.2
H20K	Anotleneega Mo	71.47 334	P	P	19 11 56.7 +0.2
Q19K	Cape Douglas,	71.58 327	P	P	19 11 57.8 +0.4
OHAK	Old Harbor	71.59 325	P	P	19 11 58.2 +0.9
M19K	Big River Lodg	71.62 330	P	P	19 11 57.9 +0.4
F20K	Avaraart Lake	71.65 336	P	P	19 11 58.1 +0.5
CHVC	Chvalae	71.67 42	eP	P	19 12 02.2 +4.2
E20K	Nigu River	71.71 337	P	P	19 11 58.3 +0.3
N19K	Bonanza Creek	71.78 329	P	P	19 11 59.0 +0.4
D19K	White Mountain	71.80 330	P	P	19 11 59.2 +0.6
L20K	Etiuvik River	71.82 337	P	P	19 11 59.1 +0.5
B20K	Boruksa-Polom	71.87 42	eP	P	19 12 01.8 +2.5
DPC	Meadow River	71.88 339	P	P	19 11 59.0 +0.2
J19K	Poorman	71.94 332	P	P	19 11 59.5 +0.1
H19K	Roundabout Mou	72.11 334	Iamb	Iamb	19 12 01.8
H19K	Roundabout Mou	72.11 334	P	P	19 12 00.5 +0.2
E19K	Redstone River	72.19 336	P	P	19 12 01.0 +0.2
VRAC	Vranov	72.20 43	LR	LR	19 39 40.1
O18K	Koktuh Hills	72.26 328	P	P	19 12 01.7 +0.3
G19K	Purcell Mounta	72.30 335	P	P	19 12 01.8 +0.4
P18K	Big Mountain,	72.33 328	P	P	19 12 02.1 +0.2
M18K	Stony River	72.34 330	P	P	19 12 02.4 +0.6
D19K	Kuna River	72.39 337	P	P	19 12 02.4 +0.4
F19K	Shalcruckik Mo	72.48 335	P	P	19 12 03.2 +0.7
VAE	Valguarnera	72.67 56	LR	LR	19 38 45.7
MOD5	Andra-Piesok	72.79 44	eP	P	19 12 05.8 +1.0
C19K	Lookout Ridge	72.84 338	Iamb	Iamb	19 12 06.3 +0.6
C19K	Lookout Ridge	72.84 338	P	P	19 12 05.4 +0.7
H18K	Hortosa River	72.96 334	P	P	19 12 06.2 +0.7
G18K	Tagagavik	72.97 335	P	P	19 12 06.1 +0.7
P17K	Kvichak River	72.98 327	P	P	19 12 06.4 +0.8
MAUC	Maruska	72.99 43	eP	P	19 12 09.1 +3.2
M17K	Holtina River	73.12 330	P	P	19 12 07.3 +0.8
N17K	Nushagak Hills	73.14 329	P	P	19 12 07.4 +0.8
A19K	Wainwright	73.17 339	P	P	19 12 07.3 +0.7
R17L	Mt. Peulik Vol	73.18 326	P	P	19 12 07.2 +0.3
O17K	Koiganek Bris	73.22 328	P	P	19 12 07.6 +0.6
F18K	Selawik	73.25 335	P	P	19 12 07.6 +0.5
K17K	Iditarod	73.31 331	P	P	19 12 08.3 +0.7
ARCES	ARCCESS Array B	73.40 21	P	P	19 12 08.8 +0.8
ARCES					19 39 51.5
E18K	Tukpahleark C	73.48 336	P	P	19 12 08.9 +0.4
C18K	Utukok River	73.49 338	P	P	19 12 08.8 +0.3
J17K	VABM Dome	73.55 332	P	P	19 12 09.3 +0.4
H17K	Granite Mounta	73.64 334	P	P	19 12 09.6 +0.1
G17K	Kiwalik Mounta	73.85 334	P	P	19 12 10.9 +0.2
F17K	Baldwin Pennin	73.91 335	P	P	19 12 11.4 +0.4
M16K	Timber Creek	73.91 330	P	P	19 12 11.6 +0.5
E17K	Hotham Inlet	74.01 336	P	P	19 12 11.9 +0.3
L16K	Owhat River	74.03 330	Iamb	Iamb	19 12 12.1
L16K	Owhat River	74.03 330	P	P	19 12 12.4 +0.6
H17K	Unalakleet	74.17 333	P	P	19 12 12.9 +0.4
C17K	DeLong Mountai	74.23 338	P	P	19 12 13.2 +0.3
J16K	Anvik River	74.25 332	P	P	19 12 13.5 +0.4
D17K	Noatak River	74.36 337	P	P	19 12 13.9 +0.3
G16K	Koyuk River	74.57 334	P	P	19 12 14.9 +0.1
H16K	Elim	74.64 334	P	P	19 12 15.8 +0.3
M15K	Kasiglik River	74.81 329	P	P	19 12 16.6 +0.3
K15K	Wolf Creek Mou	74.87 331	P	P	19 12 16.7 +0.1
L15K	Ungalak Mounta	74.98 330	P	P	19 12 17.7 +0.4
C16K	Lisburne Hills	75.06 338	P	P	19 12 17.8 +0.1
FINES	FINESS Array B	75.26 30	P	P	19 12 19.7 +0.8
G15K	Niukluk	75.35 334	P	P	19 12 19.4 0.0
M14K	Bethel	75.41 330	P	P	19 12 20.0 +0.3
F15K	North Star Dit	75.42 335	P	P	19 12 19.8 0.0
N14K	Kuskokwack Cree	75.46 329	P	P	19 12 20.2 +0.1
L14K	Kuk Creek	75.61 330	P	P	19 12 21.2 +0.3
J14K	Nanvaranak Lak	75.68 332	P	P	19 12 21.5 +0.3
ANM	Nome	76.01 334	P	P	19 12 23.4 +0.3
M13K	Dall Lake	76.15 329	P	P	19 12 24.1 +0.1
F14K	Arctic Creek	76.16 335	P	P	19 12 24.4 +0.4
K13K	Kusilvak Mount	76.38 331	P	P	19 12 26.0 +0.7
MLR	Muntele Rosu	79.22 46	P	P	19 12 44.3 +2.7
AKASG	Malin Array B	79.81 40	P	P	19 12 44.6 +0.1
BRTR		86.48 49	P	P	19 13 20.0 +0.5

410

BRTR			LR	LR	19 49 27.9
NRK	Norik	90.00 8	LR	LR	19 53 22.9
AKTO	Aktuybinsk				

Table with columns: HATOM, comp, Station Name, Az, Phase ID, Time, Res. Includes stations like Guanica, Bosqu, Experimental S, etc.

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

NEIC 06 20:07:24.6, 0.9, 4.91N, 0.10:94'E, 0.1, h53km, 10km, mb4.0/4, Error ellipse: s-maj=16.0km s-min=13.3km az=54.0

DJA 06 20:07:25.8, 0.5, 5.3N, 3.9'E, h39km, 5km, M4.5/25, mB5.2/4, mb4.7/7, MLV4.4/25, Mw(mB)4.5/4

BKK 06 20:07:31.0, 1.2, 5.5N, 5.9'E, h21km, 115km, M4.2/5, mB4.6/3, mb4.3/3, MLV4.1/5, Mw(mB)3.8/3

ISC 06 20:07:38.2, 1.4, 0.5:53N, 94.59E, h140km, 64km, mb3.4/4, mb1mp, 0.9/6, Error ellipse: s-maj=205.1km s-min=42.8km az=145.0

ISC 06 20:07:23.2, 0.7, 4.85N, 0.05:94'31"E, 0.06, h50km, n38, s175/39, mb3.9/6, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Banda Aceh, Meulaboh, Lhok Sumawe, etc.

NOU 06 20:07:34.9, 2.1:24S:178.93W, h646km, mb4.6/22, Fiji Islands Region

NEIC 06 20:07:37.3, 2.0, 21.2S:0.1:179.2W:0.1, h621km, 6km, mb4.4/51, Error ellipse: s-maj=18.3km s-min=16.1km az=87.0

ISC 06 20:07:38.0, 1.2, 21.2S:179.32W, h638km, 13km, mb3.6/19, mb1mp, 0.6/20, Error ellipse: s-maj=11.3km s-min=10.4km az=154.0

ISC 06 20:07:36.6, 0.5, 21.36S:0.05:179.17W:0.07,

h627km, 5km, h628km, pP, n190, s168/189, mb4.3/54, 10C-5D, Fiji Islands region

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Tubou, Lakemba, Nonsavu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kwethluk River, Bethel, Kothuk Hills, etc.

comp=Z,247nm,20.2s,baz=132,slow=35 TXAR Lajitas Array 43.46 325 P P 00 57 11.4 +0.3 TXAR Lajitas Array 43.46 325 P P 00 57 11.4 +0.3 SLBS Sierra La Lagu 43.69 313 I Amb I Amb 00 57 12.4 +0.8 SLBS	comp=Z,27nm,1.0s BW06 Boulder Array 56.76 331 P P 00 58 51.9 -0.1 BW06	comp=Z,105nm,1.7s PDAR Pinedale Array 56.76 331 P P 00 58 51.1 -0.8 PDAR comp=Z,17nm,0.4s,baz=156,slow=5.3,SNR=31 Auburn Hatcher 57.51 330 P P 00 58 57.2 0.0 AHID comp=Z,53nm,1.4s AHID	MESJ Messejana 76.80 49 eP P 01 01 00.3 +0.9 MESJ DLBC Dease Lake 76.83 334 LR P S 01 01 46.1 +1.5 DLBC Dease Lake 76.83 334 P P 01 01 00.5 +1.2 Dease Lake 76.83 334 P P 01 01 00.5 +1.2 baz=125
comp=Z,54nm,1.1s LOOK Love County 44.02 335 P P 00 57 16.2 +0.7 LPIG La Paz 44.21 313 LR LR 01 13 19.1	comp=Z,53nm,1.4s LOHW Long Hollow 57.90 331 P P 00 58 59.9 0.0 ULM Lac du Bonnet 58.20 346 P P 00 59 00.5 -1.1 ULM comp=Z,14nm,0.5s,baz=157,slow=8.0,SNR=24 ULM	comp=Z,465nm,18.0s,baz=144,slow=40 ULM Elk 58.20 346 I P 00 59 00.0 -1.6 ELK comp=Z,416nm,19.6s,baz=132,slow=36 ULM Hope Point 58.25 154 P P 00 59 03.0 +1.1 HOPE Hope Point 58.25 154 P P 00 59 03.0 +1.1 HOPE	ILULI Ilulissat 76.85 9 P P 01 00 59.1 +0.1 ILULI ILULI comp=Z,35nm,0.8s Ilulissat 76.85 9 P P 01 00 59.1 +0.1
comp=Z,21nm,0.9s SDMD Soldier's Dail 44.93 360 P P 00 57 23.1 +0.6 SDMD	comp=Z,472nm,2.0s NVAR Mina Array Bea 58.49 322 P P 00 59 05.0 +0.8 NVAR comp=Z,8.8nm,0.7s,baz=136,slow=6.8,SNR=54 Mina Array Bea 58.49 322 P P 00 59 04.7 +0.5 Palmer Station 59.60 174 P P 00 59 12.2 +1.0 PMSA PMSA	comp=Z,416nm,20.2s,baz=188,slow=38 EGMT Eggleston 60.92 335 P P 00 59 20.7 +0.2 ORV Orville 61.14 322 P P 00 59 22.8 +0.7 ORV Orville 61.14 322 P P 00 59 22.8 +0.7 ORV	PCVE Castro Verde 76.87 49 eP P 01 01 01.5 +1.6 PSBE So Bento 76.90 47 eP P 01 01 01.0 +1.0 US3K Whale Pass 76.95 331 P P 01 01 00.6 +0.8 baz=122
comp=Z,76nm,1.9s WMOK Wichita Mounta 45.34 334 P P 00 57 25.6 -0.4 WMOK Wichita Mounta 45.34 334 P P 00 57 25.6 -0.4 WMOK	comp=Z,48nm,0.8s HLID Hailey 59.75 329 P P 00 59 12.7 0.0 SCHO Schefferville 60.92 7 P P 00 59 20.3 0.0 SCHO comp=Z,19nm,1.0s,baz=205,slow=5.4,SNR=11 SCHO	comp=Z,50nm,1.8s BMO Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO BMO comp=Z,50nm,1.8s Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO	S34M Telegraph Cree 77.01 334 P P 01 01 01.4 +1.2 baz=124 PVAQ Vaqueiros 77.05 50 eP P 01 01 02.1 +1.3 PVAQ PVAQ comp=Z,260nm,22.0s Beja 77.12 49 eP I Amb P 01 01 02.5 +1.2 PBEJ Beja 77.12 49 eP I Amb P 01 01 03.7
comp=Z,78nm,1.1s CCM Cathedral Cave 45.64 344 P P 00 57 27.0 -1.2 CCM CCM Cathedral Cave 45.64 344 P P 00 57 27.0 -1.2 CCM	comp=Z,48nm,0.8s HLID Hailey 59.75 329 P P 00 59 12.7 0.0 SCHO Schefferville 60.92 7 P P 00 59 20.3 0.0 SCHO comp=Z,19nm,1.0s,baz=205,slow=5.4,SNR=11 SCHO	comp=Z,50nm,1.8s BMO Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO BMO comp=Z,50nm,1.8s Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO	EVO Evora 77.17 49 P P 01 01 03.6 +2.1 PMTG Montargil 77.18 48 eP I Amb I Amb P 01 01 02.4 +0.8 PMTG
comp=Z,21nm,0.7s MG05 Puerto Natales 45.91 176 P I Amb I Amb 00 57 30.9 +0.7 MG05	comp=Z,48nm,0.8s HLID Hailey 59.75 329 P P 00 59 12.7 0.0 SCHO Schefferville 60.92 7 P P 00 59 20.3 0.0 SCHO comp=Z,19nm,1.0s,baz=205,slow=5.4,SNR=11 SCHO	comp=Z,50nm,1.8s BMO Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO BMO comp=Z,50nm,1.8s Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO	ACRG Accra 77.19 83 P P 01 01 01.7 -0.4 ACRG comp=Z,33nm,1.7s ACRG comp=Z,37nm,0.7s Arralioles 77.24 48 eP I Amb I Amb P 01 01 03.7 +1.8 PARRA Arralioles 77.24 48 eP I Amb I Amb P 01 01 06.7
comp=Z,65nm,1.2s ACSO Alum Creek Sta 46.12 353 P I Amb I Amb 00 57 31.5 -0.5 ACSO	comp=Z,416nm,20.2s,baz=188,slow=38 EGMT Eggleston 60.92 335 P P 00 59 20.7 +0.2 ORV Orville 61.14 322 P P 00 59 22.8 +0.7 ORV Orville 61.14 322 P P 00 59 22.8 +0.7 ORV	comp=Z,50nm,1.8s BMO Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO BMO comp=Z,50nm,1.8s Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO	PCAS Casimilo, Conde 77.29 47 eP P 01 01 03.4 +1.3 PCAS WTLY Watson Lake, Y 77.30 336 P P 01 01 02.8 +1.0 baz=126 WRGLY Wrigley 77.30 340 P P 01 01 02.5 +0.9 baz=132 VNA3 Neumayer Olymp 77.30 162 I P P 01 01 02.6 +0.9 comp=Z,31nm,0.9s PSARD Sardoal 77.37 47 eP I Amb I Amb P 01 01 03.4 +0.6 PSARD
comp=Z,37nm,0.9s SSPA Standing Stone 46.17 359 P P 00 57 32.7 +0.3 SSPA	comp=Z,416nm,20.2s,baz=188,slow=38 EGMT Eggleston 60.92 335 P P 00 59 20.7 +0.2 ORV Orville 61.14 322 P P 00 59 22.8 +0.7 ORV Orville 61.14 322 P P 00 59 22.8 +0.7 ORV	comp=Z,50nm,1.8s BMO Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO BMO comp=Z,50nm,1.8s Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO	SAOQ Saqqaq 77.45 8 I P I Amb I Amb P 01 01 02.4 0.0 SAOQ VNA1 Neumayer-Stat 77.54 161 I P P 01 01 04.4 +1.5 comp=Z,31nm,0.8s PTO Porto 77.57 46 eP I Amb I Amb P 01 01 06.8 +1.1 PTO
comp=Z,99nm,1.3s AMTX Amarillo 46.78 332 P P 00 57 37.6 +0.2 WSPT Westport, CT 46.79 3 P P 00 57 38.1 +0.9 MG10 Isla Riesco 47.15 176 P P 00 57 41.3 +1.5 MG04 Punta Arenas 47.48 175 P P 00 57 42.8 +0.3 HDIL Hopedale 47.51 347 P P 00 57 41.8 -1.1 HDIL	comp=Z,48nm,0.8s HLID Hailey 59.75 329 P P 00 59 12.7 0.0 SCHO Schefferville 60.92 7 P P 00 59 20.3 0.0 SCHO comp=Z,19nm,1.0s,baz=205,slow=5.4,SNR=11 SCHO	comp=Z,50nm,1.8s BMO Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO BMO comp=Z,50nm,1.8s Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO	PCAS Casimilo, Conde 77.29 47 eP P 01 01 03.4 +1.3 PCAS WTLY Watson Lake, Y 77.30 336 P P 01 01 02.8 +1.0 baz=126 WRGLY Wrigley 77.30 340 P P 01 01 02.5 +0.9 baz=132 VNA3 Neumayer Olymp 77.30 162 I P P 01 01 02.6 +0.9 comp=Z,31nm,0.9s PSARD Sardoal 77.37 47 eP I Amb I Amb P 01 01 03.4 +0.6 PSARD
comp=Z,39nm,0.7s SRIG Santa Rosalia 47.56 315 P P 00 57 43.0 -0.4 HSIG 47.76 318 P P 00 57 44.7 -0.3 121A Cookes Peak, D 48.20 324 I Amb I Amb 00 58 00.6	comp=Z,48nm,0.8s HLID Hailey 59.75 329 P P 00 59 12.7 0.0 SCHO Schefferville 60.92 7 P P 00 59 20.3 0.0 SCHO comp=Z,19nm,1.0s,baz=205,slow=5.4,SNR=11 SCHO	comp=Z,50nm,1.8s BMO Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO BMO comp=Z,50nm,1.8s Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO	SAOQ Saqqaq 77.45 8 I P I Amb I Amb P 01 01 02.4 0.0 SAOQ VNA1 Neumayer-Stat 77.54 161 I P P 01 01 04.4 +1.5 comp=Z,31nm,0.8s PTO Porto 77.57 46 eP I Amb I Amb P 01 01 06.8 +1.1 PTO
comp=Z,33nm,0.8s MG03 Ann Arbor 48.22 175 P P 00 57 49.4 +1.2 AAM Ann Arbor 48.24 353 P P 00 57 48.2 -0.3 AAM	comp=Z,48nm,0.8s HLID Hailey 59.75 329 P P 00 59 12.7 0.0 SCHO Schefferville 60.92 7 P P 00 59 20.3 0.0 SCHO comp=Z,19nm,1.0s,baz=205,slow=5.4,SNR=11 SCHO	comp=Z,50nm,1.8s BMO Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO BMO comp=Z,50nm,1.8s Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO	PTO Porto 77.57 46 eP I Amb I Amb P 01 01 06.8 +1.1 PTO PESTR Estremoz 77.59 48 eP P 01 01 05.6 +1.0 R33M Jennings River 77.78 335 P P 01 01 05.6 +1.0 PBAR Barrancos 77.79 49 P P 01 01 05.6 +1.6 VNA2 Neumayer-Watz 77.90 162 I P P 01 01 06.9 +0.9 comp=Z,31nm,0.7s,baz=294,slow=5.5 PMRV Marv??o 77.91 48 eS LR 01 11 01.6 +5.0 PMRV IAMS_20 IAMS_20 01 27 48.8 PMRV IAMS_20 IAMS_20 01 33 35.6
comp=Z,76nm,1.4s AAM Ann Arbor 48.24 353 P P 00 57 48.2 -0.3 AAM	comp=Z,48nm,0.8s HLID Hailey 59.75 329 P P 00 59 12.7 0.0 SCHO Schefferville 60.92 7 P P 00 59 20.3 0.0 SCHO comp=Z,19nm,1.0s,baz=205,slow=5.4,SNR=11 SCHO	comp=Z,50nm,1.8s BMO Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO BMO comp=Z,50nm,1.8s Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO	PGAV Gavierra, Arco 78.07 45 eP LR 01 29 34.6 PGAV IAMS_20 IAMS_20 01 35 32.7 Q32M Nakina River 78.09 334 P P 01 01 07.5 +1.0 MTE Manteigas 78.09 47 P P 01 01 06.8 0.0 MTE Manteigas 78.09 47 eP I Amb I Amb P 01 01 07.1 +1.0 MTE
comp=Z,76nm,1.5s HRV Adam Dziewonski 48.25 5 P P 00 57 49.6 +1.1 HRV comp=Z,73nm,1.2s HRV Adam Dziewonski 48.25 5 P P 00 57 49.6 +1.1 HRV	comp=Z,48nm,0.8s HLID Hailey 59.75 329 P P 00 59 12.7 0.0 SCHO Schefferville 60.92 7 P P 00 59 20.3 0.0 SCHO comp=Z,19nm,1.0s,baz=205,slow=5.4,SNR=11 SCHO	comp=Z,50nm,1.8s BMO Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO BMO comp=Z,50nm,1.8s Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO	PGAV Gavierra, Arco 78.07 45 eP LR 01 29 34.6 PGAV IAMS_20 IAMS_20 01 35 32.7 Q32M Nakina River 78.09 334 P P 01 01 07.5 +1.0 MTE Manteigas 78.09 47 P P 01 01 06.8 0.0 MTE Manteigas 78.09 47 eP I Amb I Amb P 01 01 07.1 +1.0 MTE
comp=Z,73nm,1.2s 319A Douglas 48.28 322 P P 00 57 49.6 +0.4 319A comp=Z,48nm,0.7s KSU1 Kansas State U 48.29 339 P P 00 57 48.6 -0.3 EFI East Falkland 48.32 165 P P 00 57 49.3 +0.4 EFI	comp=Z,48nm,0.8s HLID Hailey 59.75 329 P P 00 59 12.7 0.0 SCHO Schefferville 60.92 7 P P 00 59 20.3 0.0 SCHO comp=Z,19nm,1.0s,baz=205,slow=5.4,SNR=11 SCHO	comp=Z,50nm,1.8s BMO Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO BMO comp=Z,50nm,1.8s Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO	PGAV Gavierra, Arco 78.07 45 eP LR 01 29 34.6 PGAV IAMS_20 IAMS_20 01 35 32.7 Q32M Nakina River 78.09 334 P P 01 01 07.5 +1.0 MTE Manteigas 78.09 47 P P 01 01 06.8 0.0 MTE Manteigas 78.09 47 eP I Amb I Amb P 01 01 07.1 +1.0 MTE
comp=Z,80nm,1.1s EFI East Falkland 48.32 165ceP P 00 57 51.3 +2.3 EFI	comp=Z,48nm,0.8s HLID Hailey 59.75 329 P P 00 59 12.7 0.0 SCHO Schefferville 60.92 7 P P 00 59 20.3 0.0 SCHO comp=Z,19nm,1.0s,baz=205,slow=5.4,SNR=11 SCHO	comp=Z,50nm,1.8s BMO Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO BMO comp=Z,50nm,1.8s Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO	PGAV Gavierra, Arco 78.07 45 eP LR 01 29 34.6 PGAV IAMS_20 IAMS_20 01 35 32.7 Q32M Nakina River 78.09 334 P P 01 01 07.5 +1.0 MTE Manteigas 78.09 47 P P 01 01 06.8 0.0 MTE Manteigas 78.09 47 eP I Amb I Amb P 01 01 07.1 +1.0 MTE
comp=Z,48nm,1.3s CBKS Cedar Bluff 49.22 336 P P 00 57 56.8 +0.7 CBKS Cedar Bluff 49.22 336 P P 00 57 56.8 +0.7 CBKS	comp=Z,48nm,0.8s HLID Hailey 59.75 329 P P 00 59 12.7 0.0 SCHO Schefferville 60.92 7 P P 00 59 20.3 0.0 SCHO comp=Z,19nm,1.0s,baz=205,slow=5.4,SNR=11 SCHO	comp=Z,50nm,1.8s BMO Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO BMO comp=Z,50nm,1.8s Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO	PGAV Gavierra, Arco 78.07 45 eP LR 01 29 34.6 PGAV IAMS_20 IAMS_20 01 35 32.7 Q32M Nakina River 78.09 334 P P 01 01 07.5 +1.0 MTE Manteigas 78.09 47 P P 01 01 06.8 0.0 MTE Manteigas 78.09 47 eP I Amb I Amb P 01 01 07.1 +1.0 MTE
comp=Z,183nm,1.2s ANMO Albuquerque 49.25 327 LR LR 01 20 12.6 ANMO Albuquerque 49.25 327 LR LR 01 20 12.6 ANMO	comp=Z,48nm,0.8s HLID Hailey 59.75 329 P P 00 59 12.7 0.0 SCHO Schefferville 60.92 7 P P 00 59 20.3 0.0 SCHO comp=Z,19nm,1.0s,baz=205,slow=5.4,SNR=11 SCHO	comp=Z,50nm,1.8s BMO Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO BMO comp=Z,50nm,1.8s Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO	PGAV Gavierra, Arco 78.07 45 eP LR 01 29 34.6 PGAV IAMS_20 IAMS_20 01 35 32.7 Q32M Nakina River 78.09 334 P P 01 01 07.5 +1.0 MTE Manteigas 78.09 47 P P 01 01 06.8 0.0 MTE Manteigas 78.09 47 eP I Amb I Amb P 01 01 07.1 +1.0 MTE
comp=Z,61nm,0.9s ANMO Albuquerque 49.25 327ceP P 00 57 57.4 +0.8 ANMO	comp=Z,48nm,0.8s HLID Hailey 59.75 329 P P 00 59 12.7 0.0 SCHO Schefferville 60.92 7 P P 00 59 20.3 0.0 SCHO comp=Z,19nm,1.0s,baz=205,slow=5.4,SNR=11 SCHO	comp=Z,50nm,1.8s BMO Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO BMO comp=Z,50nm,1.8s Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO	PGAV Gavierra, Arco 78.07 45 eP LR 01 29 34.6 PGAV IAMS_20 IAMS_20 01 35 32.7 Q32M Nakina River 78.09 334 P P 01 01 07.5 +1.0 MTE Manteigas 78.09 47 P P 01 01 06.8 0.0 MTE Manteigas 78.09 47 eP I Amb I Amb P 01 01 07.1 +1.0 MTE
comp=Z,46nm,1.1s K43A Burlington 49.37 349 P I Amb I Amb 00 57 57.6 +0.4 K43A	comp=Z,48nm,0.8s HLID Hailey 59.75 329 P P 00 59 12.7 0.0 SCHO Schefferville 60.92 7 P P 00 59 20.3 0.0 SCHO comp=Z,19nm,1.0s,baz=205,slow=5.4,SNR=11 SCHO	comp=Z,50nm,1.8s BMO Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO BMO comp=Z,50nm,1.8s Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO	PGAV Gavierra, Arco 78.07 45 eP LR 01 29 34.6 PGAV IAMS_20 IAMS_20 01 35 32.7 Q32M Nakina River 78.09 334 P P 01 01 07.5 +1.0 MTE Manteigas 78.09 47 P P 01 01 06.8 0.0 MTE Manteigas 78.09 47 eP I Amb I Amb P 01 01 07.1 +1.0 MTE
comp=Z,41nm,1.0s USHA Ushuaia 49.39 174 LR LR 01 16 15.1	comp=Z,48nm,0.8s HLID Hailey 59.75 329 P P 00 59 12.7 0.0 SCHO Schefferville 60.92 7 P P 00 59 20.3 0.0 SCHO comp=Z,19nm,1.0s,baz=205,slow=5.4,SNR=11 SCHO	comp=Z,50nm,1.8s BMO Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO BMO comp=Z,50nm,1.8s Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO	PGAV Gavierra, Arco 78.07 45 eP LR 01 29 34.6 PGAV IAMS_20 IAMS_20 01 35 32.7 Q32M Nakina River 78.09 334 P P 01 01 07.5 +1.0 MTE Manteigas 78.09 47 P P 01 01 06.8 0.0 MTE Manteigas 78.09 47 eP I Amb I Amb P 01 01 07.1 +1.0 MTE
comp=Z,1um,21.9s,baz=348,slow=33 PECO Prince Edward 49.45 360 P P 00 57 57.8 0.0 MG01 Puerto William 49.58 173 P P 00 57 59.3 +0.7 MG01	comp=Z,48nm,0.8s HLID Hailey 59.75 329 P P 00 59 12.7 0.0 SCHO Schefferville 60.92 7 P P 00 59 20.3 0.0 SCHO comp=Z,19nm,1.0s,baz=205,slow=5.4,SNR=11 SCHO	comp=Z,50nm,1.8s BMO Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO BMO comp=Z,50nm,1.8s Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO	PGAV Gavierra, Arco 78.07 45 eP LR 01 29 34.6 PGAV IAMS_20 IAMS_20 01 35 32.7 Q32M Nakina River 78.09 334 P P 01 01 07.5 +1.0 MTE Manteigas 78.09 47 P P 01 01 06.8 0.0 MTE Manteigas 78.09 47 eP I Amb I Amb P 01 01 07.1 +1.0 MTE
comp=Z,68nm,1.1s SCIA State Center 49.77 344 P P 00 57 59.4 -0.8 SCIA	comp=Z,48nm,0.8s HLID Hailey 59.75 329 P P 00 59 12.7 0.0 SCHO Schefferville 60.92 7 P P 00 59 20.3 0.0 SCHO comp=Z,19nm,1.0s,baz=205,slow=5.4,SNR=11 SCHO	comp=Z,50nm,1.8s BMO Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO BMO comp=Z,50nm,1.8s Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO	PGAV Gavierra, Arco 78.07 45 eP LR 01 29 34.6 PGAV IAMS_20 IAMS_20 01 35 32.7 Q32M Nakina River 78.09 334 P P 01 01 07.5 +1.0 MTE Manteigas 78.09 47 P P 01 01 06.8 0.0 MTE Manteigas 78.09 47 eP I Amb I Amb P 01 01 07.1 +1.0 MTE
comp=Z,65nm,1.0s TUC Tucson 49.85 322 P P 00 58 01.0 -0.1 TUC	comp=Z,48nm,0.8s HLID Hailey 59.75 329 P P 00 59 12.7 0.0 SCHO Schefferville 60.92 7 P P 00 59 20.3 0.0 SCHO comp=Z,19nm,1.0s,baz=205,slow=5.4,SNR=11 SCHO	comp=Z,50nm,1.8s BMO Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO BMO comp=Z,50nm,1.8s Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO	PGAV Gavierra, Arco 78.07 45 eP LR 01 29 34.6 PGAV IAMS_20 IAMS_20 01 35 32.7 Q32M Nakina River 78.09 334 P P 01 01 07.5 +1.0 MTE Manteigas 78.09 47 P P 01 01 06.8 0.0 MTE Manteigas 78.09 47 eP I Amb I Amb P 01 01 07.1 +1.0 MTE
comp=Z,22nm,0.8s TUC Tucson 49.85 322 P P 00 58 01.0 -0.1 TUC	comp=Z,48nm,0.8s HLID Hailey 59.75 329 P P 00 59 12.7 0.0 SCHO Schefferville 60.92 7 P P 00 59 20.3 0.0 SCHO comp=Z,19nm,1.0s,baz=205,slow=5.4,SNR=11 SCHO	comp=Z,50nm,1.8s BMO Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO BMO comp=Z,50nm,1.8s Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO	PGAV Gavierra, Arco 78.07 45 eP LR 01 29 34.6 PGAV IAMS_20 IAMS_20 01 35 32.7 Q32M Nakina River 78.09 334 P P 01 01 07.5 +1.0 MTE Manteigas 78.09 47 P P 01 01 06.8 0.0 MTE Manteigas 78.09 47 eP I Amb I Amb P 01 01 07.1 +1.0 MTE
comp=Z,22nm,0.8s T25A Trinidad 49.90 331 P P 00 58 02.4 +0.8 LBNH Lisbon 49.94 4 P P 00 58 02.2 +0.7 LBNH	comp=Z,48nm,0.8s HLID Hailey 59.75 329 P P 00 59 12.7 0.0 SCHO Schefferville 60.92 7 P P 00 59 20.3 0.0 SCHO comp=Z,19nm,1.0s,baz=205,slow=5.4,SNR=11 SCHO	comp=Z,50nm,1.8s BMO Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO BMO comp=Z,50nm,1.8s Blue Mountains 62.14 328 P P 00 59 28.0 -0.9 BMO	PGAV Gavierra, Arco 78.07 45 eP LR 01 29 34.6 PGAV IAMS_20 IAMS_20 01 35 32.7 Q32M Nakina River 78.09 334 P P 01 01 07.5 +1.0 MTE Manteigas 78.09 47 P P 01 01 06.8 0.0 MTE Manteigas 78.09 47 eP I Amb I Amb P 01 01 07.1 +1.0 MTE

2020 MAY

7d 0h

Table with columns: ID, Name, Date, Time, Location, Status, etc. Rows include L16K Owat River, E19K Redstone River, N15K Kwetlik River, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Rows include CLL Collin, CLL Collin, F15K North Star Dit, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Rows include MNK comp=E,8.0nm,0.9s, MNK comp=N,14nm,1.0s, MNK comp=N,4.78nm,19.0s, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, XLT XiLinHaoTe, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like LOAL Lomas de Alarc, LOAL Lomas de Alarc, JAYA Jayaque - finc, etc.

SOME 07:01:00:29.7, 41'23N, 83'45E, h15km
NWC 07:01:00:34.7, 1.8, 41'47N, 83'30E, h0km, mb3.8, mpv3.5,
Error ellipse: s-maj=12.8km s-min=8.0km az=158.0

ISC 07:01:00:37.3, 2.3, 41'51N, 0'09.83E, h10km, n32,
e175/43, 6C-6D, Southern Xinjiang

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

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like MAKZ 4.9nm, 1.4s, MAKZ 2.5nm, 0.7s, MAKZ 1.0nm, 0.3s, etc.

VIE 07:01:20:35.9, 0.7, 43'22N, 14'11E, h4km, mb2.67, ml2.4/10,
Error ellipse: s-maj=5.7km s-min=4.8km az=90.0 154 km
ESE of San Marino

ROM 07:01:20:36.8, 0.1, 43'21N, 0'00.4, 14'17.9E, 0'00.9,
h16km, 1km, ML2.5/16, Error ellipse: s-maj=0.6km
s-min=0.5km az=251.0

ISC 07:01:20:36.1, 1.3, 43'19N, 0'02.14, 13E, 0'02, h4km, 1.1km,
n78, e059/99, Adriatic Sea

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like CADA Capodarco di F, CADA Capodarco di F, CADA Capodarco di F, etc.

CATAC 07:00:53:17.3, 0.5, 13'N, 3'9'W, h13km, 4km, M3.5/20,
MLV3.5/20, Error ellipse: s-maj=7.5km s-min=5.8km
az=18.6, confirmed

GCG 07:00:53:19.3, 1.4, 12'95N, 90'66W, h12km, 24km, MD4.2,
Presumed earthquake

SNET 07:00:53:22.0, 0.8, 13'04N, 90'48W, h15km, 5km, ML3.4,
Presumed earthquake

ISC 07:00:53:20.3, 2.2, 12.94N, 0'09.90, 61W, 0'07, h15km, 10km,
n48, e0989/67, 2C, Off coast of central America

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LPaz, K30B, SDCO, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IDC 07 03:07:00.2, DJA 07 03:07:14.1, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SSNC 07 03:15:59.4, RCC Rio Carpintero, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOME 07 03:59:12.1, SHLS Shalkode, etc.

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

VIE 07 04:00:07.5:0.4, 49.83N, 18.56E, h0km, mb2.5/2, m2.4/4, Error ellipse: s-maj=4.4km s-min=2.8km az=158.0 24 km E of Ostrava Suspected Mining explosion.

IPCC 07 04:00:07.8:0.1, 49.82N, 18.56E, h1km, ML2.2/6, Error ellipse: s-maj=1.3km s-min=1.0km az=167.0

PRU 07 04:00:09.6, 49.84N, 18.48E, h0km, Mining Induced Event Csm, E=3.0e+05

ISC 07 04:00:07.6:0.8, 49.82N, 0.03, 18.56E, 0.02, h0km, n26, c092/49, Czech and Slovak Republics

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OKC Ostrava-Krasne, STEB Steborice, MAUC Maruska, etc.

ISC 07 04:20:22.1:2.1, 3.76S, 152.30E, h0km, mb3.7/3, mbtmp3.7/3, MS3.3/5, Error ellipse: s-maj=149.5km s-min=28.1km az=125.0, New Ireland region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HNR Honiara, WTA Charters Tower, H1S13 WAKE ISLAND Hy 26.27, etc.

IDC 07 04:32:42.0:4.0, 0.09S, 123.85E, h76km, 40km, mb3.6/8, mbtmp3.9/10, ML3.7/2, Error ellipse: s-maj=30.7km s-min=16.6km az=72.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like mB5.4/2, mb4.7/12, MLv4.4/32, Mw(mB)4.8/2, etc.

ISC 07 04:32:45.0:0.7, 0.18S, 0.05, 124.04E, 0.05, h110km, n23, c171/27, mb3.9/8, Southern Molucca Sea

ISC 07 04:41:19.8:2.3, 7.87S, 130.54E, h0km, mb3.6/1, mbtmp3.4/4, ML3.3/3, Error ellipse: s-maj=65.7km s-min=26.7km az=83.0, Tanimbar Islands region

ISC 07 04:46:00.3:2.0, 4.40S, 144.67E, h170km, 19km, mb3.3/3, mbtmp3.9/6, Error ellipse: s-maj=27.6km s-min=18.1km az=64.0

ISC 07 04:46:00.9:0.9, 4.99S, 10.10, 144.4E, 0.1, h175km, n23, c144/22, mb3.9/9, Near north coast of New Guinea

ISC 07 04:46:00.9:0.9, 4.99S, 10.10, 144.4E, 0.1, h175km, n23, c144/22, mb3.9/9, Near north coast of New Guinea

ISC 07 04:46:00.9:0.9, 4.99S, 10.10, 144.4E, 0.1, h175km, n23, c144/22, mb3.9/9, Near north coast of New Guinea

ISC 07 04:46:00.9:0.9, 4.99S, 10.10, 144.4E, 0.1, h175km, n23, c144/22, mb3.9/9, Near north coast of New Guinea

ISC 07 04:46:00.9:0.9, 4.99S, 10.10, 144.4E, 0.1, h175km, n23, c144/22, mb3.9/9, Near north coast of New Guinea

ISC 07 04:46:00.9:0.9, 4.99S, 10.10, 144.4E, 0.1, h175km, n23, c144/22, mb3.9/9, Near north coast of New Guinea

ISC 07 04:46:00.9:0.9, 4.99S, 10.10, 144.4E, 0.1, h175km, n23, c144/22, mb3.9/9, Near north coast of New Guinea

ISC 07 04:46:00.9:0.9, 4.99S, 10.10, 144.4E, 0.1, h175km, n23, c144/22, mb3.9/9, Near north coast of New Guinea

ISC 07 04:46:00.9:0.9, 4.99S, 10.10, 144.4E, 0.1, h175km, n23, c144/22, mb3.9/9, Near north coast of New Guinea

ISC 07 04:46:00.9:0.9, 4.99S, 10.10, 144.4E, 0.1, h175km, n23, c144/22, mb3.9/9, Near north coast of New Guinea

ISC 07 04:46:00.9:0.9, 4.99S, 10.10, 144.4E, 0.1, h175km, n23, c144/22, mb3.9/9, Near north coast of New Guinea

ISC 07 04:46:00.9:0.9, 4.99S, 10.10, 144.4E, 0.1, h175km, n23, c144/22, mb3.9/9, Near north coast of New Guinea

7d 5h

Table with columns: Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like PLAI Plampang, JAGI Jajag, UGM Wanagama, MBWA Marble Bar, FITZ Fitzroy Crossi, MEEK Meekatharra, MORW Morawa, WRA Warramunga Arr, WRAB Tennant Creek, BLDU Balidu, ASAR Alice Springs, MSVF Nonnavu, MKAR Makanchi Array, PETK Petropavlovsk.

NEIC 07 05:15:43.1±1.5, 66.31N, 0.01±157.20W, 0.01, h5km, 5km, mb3.9/3, ML3.7/142, Mw3.7/82, ML3.6(AEIC), Error ellipse: s-maj=2.2km s-min=0.7km az=171.0, Moment Tensor solution: Moment tensor: Scale 10^14Nm; Mrr=3.55; Mθθ=4.16; Mφφ=0.61; Mrr-1.18; Mθθ-1.64; Mrr-1.92; Fault plane solution: Mo4.790000, 1014 NP1.0±128.410000, 0.60, 290000, λ-64.210000. NP2.0±264.140000, 0.38, 550000, λ-127.320000. Principal axes: T 5.0221, P1g2.100000, Azm200.00000, N -0.5043, P1g2.200000, Azm295.00000; P -4.5178, P1g65.00000, Azm84.00000;

NEIC 07 05:15:43.1, 66.30N, 157.15W, h4km, AEIC 07 05:15:43.2±1.4, 66.31N, 0.02±157.22W, 0.04, h8km, 1km, Error ellipse: s-maj=2.7km s-min=2.4km az=150.0

IDC 07 05:15:44.6±1.1, 66.60N, 157.26W, h0km, mb3.5/7, mbtmp3.6/11, ML3.4/4, MS2.6/3, Error ellipse: s-maj=25.2km s-min=14.5km az=48.0

ISC 07 05:15:43.2±1.1, 66.32N, 0.02±157.17W, 0.03, h5km, 8km, n163, 0.089/184, mb3.7/8, Northern Alaska

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like G19K Purcell Moun, F19K Shalercuk Mo, G18K Tagagawik, H18K Roundabout Mou, F20K Avaraart Lake, F20K F20K, F18K Selawik, F18K Redstone River, E19K, E19K, E19K, H20K Anotleneega Mo, H20K, H18K Honhosa River, IMAR Indian Moutai, G21K Allakaket, GCSA Galena City Sc, G17K Kiwalik Moun, G17K Baldwin Pennin, F21K Altna River, F21K, F21K, E18K Tukpahlearik C, H17K Granite Moun, H17K, H17K, H21K Melozitna Rive, H21K, H21K, E20K Nigu River, E17K Hotham Inlet, D19K Kuna River, D19K, D19K, F22K John River, G16K Koyuk River, G16K, G22K Bettles, G22K, H22K Ishlaititna Cre, H22K, D20K Etivluk River, D20K, D20K, J19K Poorman, J19K, J19K, E21K Killik River, E21K, E21K, J20K Novinta River, J20K, J20K, D17K Noatak River, H16K Elin, E22K Anaktuvuk Pass, E22K, C18K Utukok River, RDGO Red Dog Mine, G17K Unalakleet, G23K Bananza Creek, G23K, C19K Lookout Ridge, C19K, C19K, M19K Manley, C21K Knifblade Rid, J17K VABM Dome, J17K, J17K

2020 MAY

Main station list table with columns: Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like J17K, F15K North Star Dit, F15K, G15K Niukluk, G15K, H23K Yukon River, H23K, CHUM Lake Minchumin, CHUM, K20K Telida, J16K Anvik River, J16K, E23K Chandalar, E23K, BPAW Bear Paw Mtn, BPAW, BPAW, I23K Minto, Yukon-K, I23K, B21K Ikpikpuk River, B21K, D23K Nanushuk River, K17K Iditarod, K17K, B20K Meade River, B20K, B20K, C16K Lisburne Hills, C16K, C16K, NEA2 Nenana, E24K Your Creek, E24K, E24K, H24K Noodor Dome, H24K, H24K, KTH Kantishna Hill, KTH, KTH, F24K Squaw Lake, F24K, F14K Arctic Creek, G24K Hadweencic Riv, G24K, MDM Murphy Dome, MDM, PPLA Purkeypile, PPLA, TRF Thorofare Moun, TRF, L18K Granite Moun, L18K, L18K, COLA College, A19K Wainwright, POKR Poker Flat Res, WRH Wood River Hill, CCB Clear Creek Bu, CCB, B22K Teshehuk Lake, B22K, L19K White Moun, C23K Itkillik River, C23K, MCK McKinley, G25K Bearman Lake, K15K Wolf Creek Moun, K15K, TNA Tin City, TNA, J14K Navaranak Lak, IL31, ILAR Eielson Array, ILAR, ILAR, ILAR, RND Reindeer, C24K Franklin Bluff, HDA Harding Lake, HDA, HDA, F25K Christian River, F25K, L16K Ohwah River, PRP Porcupine Dome, PRP, PRP, E25K Arctic Village, E25K, E25K, M18K Stoney River, M17K Holitna River, SKT Skwentna, SKT, SKT, WAT7 Susitna Watana, WAT7, WAT7, WAT1 Susitna Watana, WAT1, J25K Salcha River, J25K, J25K, DHY Denali Highway, DHY, SPNN North Nagahie, G26K Porcupine River, M16K Timber Creek, M16K, M16K

Main station list table with columns: Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like SPWE Spurr West, K13K Kusituk Mount, WAT6 Susitna Watana, CKL Chakachamna La, CKL, BONA2 Bonanza Creek, N18K Kilae Creek, N17K Nushagak Hills, C26K Camden Bay, I26K Coal Creek Min, M15K Kasigluk River, O20K Shiook Lake, M14K Bethel, SCRK Sand Creek, PAX Paxson, C27K Jago River, NCT North Crescent, DFR Drift River, DFR, DFR, RDW Redoubt, RDW, RDW, DOT Dot Lake, RDSD Redoubt South, RDSD, N15K Kwethluk River, N15K Steamboat Moun, E27K Colean River, I27K Kandik River, O18K Koktuh Hills, O17K Gliganek Bris, O20K Slope Mountain, ILSW Iliamna Southw, N14K Kuskokwak Cree, O16K Kokwok River B, E28M Miner Creek, E28M Babbage River, I27K Kivichik River, WASW Wrangell South, O15K Ungalikthiuk R, P16K Nushagak River, O14K Tigykukivut M, L27K Beaver Creek, H22M Whitecane, G29M Pine Creek, M27K Edge Creek, AK, DAWY Dawson, G30M Atoh Zraii Nj, H23M Mount Dempster, L29M L29M, KDAK Kodiak Island, KDAK, KDAK, G31M Satah River, DLBC Dease Lake, YKA Yellowknife Ar, RES Resolute Bay, RES, RES, FRB Frobisher Bay, NVAR Mina Array Bea, TXAR Lajitas Array, BVAR Borovoye Array, KURK Kurchatov, KURK Kurchatov, KURB Kurchatov Arr, EKA Eskdalemuir Ar, ESDK Sonseca Array, ESDC Sonseca Array, ESDD Sonseca Array

IDC 07 05:27:13.6±1.8, 21.79S, 169.58E, h0km, mb3.7/4, mbtmp3.7/5, ML3.3/1, MS3.3/2, Error ellipse: s-maj=50.3km s-min=34.5km az=179.0, Southeast of Loyalty Islands

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like DZM Mont Dzumac, DZM, MSVF Nonnavu, ASAR Alice Springs, WRA Warramunga Arr, GSPA South Pole Qui, YAK Yakutsk, ILAR Eielson Array

ASRS 07 05:33:19.0±0.5, 54.73N, 83.71E, h0km, M2.4(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. IDC 07 05:33:21.7±1.8, 54.70N, 83.71E, h0km, mbtmp2.9/3, ML2.3/3, Error ellipse: s-maj=17.0km s-min=10.3km az=12.0, Southwestern Siberia

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like I46RU ZALESOV INFRA, ZALV Zalesovo Beam, ZALV, ZALV, KURBB Kurchatov Arr, KURBB, MKAR Makanchi Array, MKAR, BVAR Borovoye Array, SDD 07 05:34:06.5±1.5, 19.30N, 67.55W, h15km, 15km, MD3.1, ML3.0, MW2.7, Presumed earthquake Hypocentre not reviewed by the ISC. NEIC 07 05:34:07.2±1.2, 19.05N, 0.07±67.60W, 0.06, h10km, 6km, ML2.6/31, Md3.6/5(RSPR), Error ellipse: s-maj=12.5km

7d 7h

Table with columns: NUBE, Las Nubes, 0.33 350, P, Pn, 06 38 08.1 -0.8, MK31 Makanchi Array, 5.44 353, Pp, 06 43 36.2 +0.7, CMAP Chiang Mai Arr, 52.13 296, LR, LR, 07 24 23.7, etc.

SOME 07 06:42:09.3, 41°20'N, 83°47'E, h15km
NNC 07 06:42:13.5, 1.6, 41°39'N, 83°36'E, h0km, mb3.9, mpv3.7,
Error ellipse: s-maj=11.8km s-min=7.6km az=163.0

ISC 07 06:42:14.5, 2.3, 41°44'N, 01°18'33.00E, 0.07, h10km, n29,
c=2714/3, 5C-2D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, SHLS Shalkode, 28nm, 0.2s, 3.34 303, Pg, Op, 06 43 09.8 +3.0, etc.

2020 MAY

Table with columns: MK31 Makanchi Array, 5.44 353, Pp, 06 43 36.2 +0.7, MK31 1.2nm, 0.6s, baz=168, slow=16, SNR=6.8, etc.

IDC 07 06:54:58.4, 0.8, 3°01'S, 147°50'E, h0km, mb4.3/7,
mbmp4.3/8, ML1.8/1, MS3.6/36, Error ellipse:
s-maj=64.1km s-min=18.7km az=111.0

NEIC 07 06:55:01.2, 0.9, 2°86'S, 0°06', 147°2'E, 0.1, h10km, 1km,
mb4.6/26, Error ellipse: s-maj=21.1km s-min=8.7km

ISC 07 06:58:00.6, 0.5, 2°97'S, 0°06', 147°28'E, 0.09, h10km, n88,
c=1504/47, mb4.5/22, MS3.7/31, 1C, Admiralty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, MANU Manas Island, 0.92 5, Pp, 06 55 16.9 -1.6, etc.

428

Table with columns: CMAP Chiang Mai Arr, 52.13 296, LR, LR, 07 24 23.7, PZH PanZhiHua, 52.84 307, P, P, 07 04 18.6 +1.6, etc.

RSNC 07 07:05:13.9, 1.0, 5°S, 7°7'W, h0km, M3.0, mb4.9, mb3.9,
ML3.0, Mw(mb)4.2, Northern Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, CASO Dorado de Casco, 5.40 349, Op, P, 07 06 34.2 -1.7, etc.

AEIC 07 07:15:19.9, 2.0, 52°54'N, 0°08', 171°38'W, 0.08, h45km, 8km,
Error ellipse: s-maj=12.2km s-min=6.2km az=166.0

NEIC 07 07:15:20.9, 1.7, 52°54'N, 0°1', 171°38'W, 0.1, h57km, 13km,
mb3.7/13, ML3.4/18, ML2.9(AEIC), Error ellipse:
s-maj=21.4km s-min=6.0km az=161.0

ISC 07 07:15:20.9, 0.9, 52°44'N, 0°1', 171°27'W, 0.05, h47km, n57,
c=1816/62, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, KOSE Korovin Southe, 1.71 268, Op, P, 07 15 06.8 -1.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KIWB, AKUTAN, TANAGA FLATS, FALSE PASS, etc.

IDC 07:07:35:45.6:1.9, 63.95N:28:45E, h0km, mbtmp3.1/3, ML1.9/3, Error ellipse: s-maj=33.0km s-min=9.3km

HEL 07:07:35:45.2:0.1, 63.98N:28:14E, h0km, ML1.7, Suspected explosion

ISC 07:07:35:44.0:0.7, 63.97N:0:02:28:17E:0:03, h0km, n34, o122:49, Finland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIF, RMF, OUL, SUMAIEN, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AGPR, IDE, AOPR, PRSN, etc.

IDC 07:08:03:02:6:2.9, 7:32S: 128:89E, h117km:28km, mb4.0/13, mbtmp4.4/17, MS3.3/1, Error ellipse: s-maj=27.1km

NEIC 07:08:03:05:4:1.0, 7:33S:0:08:128:87E:0:06, h135km:7km, mb4.3/31, Error ellipse: s-maj=11.3km s-min=8.9km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DR12, HATOM, HUMP, etc.

7d 8h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BATI, BATI, MTN, MMRI, SIJI, etc.

7d 11h

Table with columns: RTZ, BKZ, MRZ, INKA, AS31, ASAR, ASAR, WRO, WRB, WRB, WB2, WRAB, WRAB, WRA, WRA, WBO, WBO, KNRA, FITZ, FITZ, QSPA, QSPA, FINES, FINES. Rows contain station names, coordinates, and other data.

NEIC 07 10:19:55.3±2.1, 34°11'N, 10°25:56E±0.07, h10km±1km, mb4.3/13, Error ellipse: s-maj=16.4km s-min=9.7km az=183.0

IDC 07 10:20:00.4±2.9, 34°18'N, 25:56E, h54km±22km, mb3.6/14, mbmp3.8/18, ML3.4/4, MS2.8/2, Error ellipse: s-maj=28.2km s-min=16.5km az=175.0

ISC 07 10:19:55.6±0.9, 34°11'N, 10°25:56E±0.07, h17km±n42, ±199/40, mb4.2/19, Crete

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various stations like ANOYIA, KARP, ARG, AKAS, ITM, ELL, BRTR, TIP, CEL, CUC, KIEV, AKASO, AKKB, FUERN, GEERS, DAVOX, ESDR, ARCES, EKA, ABKAR, TORD, ARCES, ARCES, BVAR, KURBB, KURK, KURK, MKAR, SPITS, ZALV, SCHO, ILON, ILON, CMAR, C36M, E29M, F30M, G31M, BMAR, YKA, H29M, H29M, ILAR, WEL, Kermadec Islands, MXZ, WCZ, WMGZ, WNGZ, HAZ, HAZ, HAZ, RUGZ, RUGZ, PUZ, PUZ.

2020 MAY

Table with columns: PUZ, KAUZ, MWZ, MWZ, URZ, URZ, CNGZ, CNGZ, TKGZ, TKGZ, RIGZ, RIGZ, RIGZ, MUGZ, MUGZ, KNZ, KNZ, MTHZ, MTHZ, NMHZ, NMHZ, IAHZ, IAHZ, IAHZ, IAHZ, RKTZ, RKTZ, RITZ, RITZ, BHHZ, BHHZ, PKVZ, PKVZ, PKVZ, PKVZ, VRZ, VRZ, PKXZ, PKXZ, PNZ, PNZ, PUZ, PUZ.

IDC 07 10:42:34.4±5.5, 5:46E, 154°30'E, h0km, mb3.6/3, mbmp3.6/3, Error ellipse: s-maj=164.1km s-min=39.1km az=109.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes WRA Warramunga Arr 24.17 232 P.

ASAR Alice Springs 26.71 225 P

MKAR Makanchi Array 81.80 319 P

IDC 07 10:59:18.9±8.4, 7:34S, 128°60'E, h126km±88km, mb3.1/1, mbmp3.7/5, ML3.7/4, Error ellipse: s-maj=75.4km s-min=27.1km az=34.0, Banda Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes BATI Baumata 5.65 239 P.

ASAR Alice Springs 17.02 163 P

MKAR Makanchi Array 67.75 328 P

CATAC 07 10:59:57.0±4.0, 12°N, 2°8'W, h15km±3km, M4.0/39, MLV4.0/39, Error ellipse: s-maj=5.3km s-min=1.6km az=28.6, confirmed

SNET 07 10:59:55.0±0.9, 12°15'N, 88°40'W, h28km±6km, ML3.9, Presumed earthquake

IDC 07 10:59:57.8±2.5, 12°34'N, 88°21'W, h60km±23km, mb3.6/7, mbmp3.8/9, ML2.9/3, MS3.0/8, Error ellipse: s-maj=58.6km s-min=22.3km az=35.0

NEIC 07 10:59:57.7±1.8, 12°25'N, 10°10:88'28W±0.07, h52km±13km, mb4.4/9, Error ellipse: s-maj=14.9km s-min=6.3km az=24.0

GCG 07 10:59:57.4±0.6, 12°18'N, 88°73'W, h30km±22km, MD4.6, Presumed earthquake

ISC 07 10:59:56.9±1.2, 12°15'N, 10°06:88'44W±0.04, h52km±11km, n122, ±120/158, mb4.0/9, MS3.1/6, 10C-5D, Off coast of central Antarctica

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes INTP Intipuca 1.10 20 Op.

CSGN Cosiguina Volc 1.18 46 Op

CNCH Conchagua 1.26 28 Op

LCND La Caada 1.27 25 P

LCY Lacayo 1.27 6 P

RANC El Ranchito 1.28 6 P

RANC El Ranchito 1.28 6 P

PACA Pacayal 1.31 5 P

PACA Pacayal 1.31 5 P

TECA Tecapa 1.33 57 P

TECO Alcala de Te 1.42 346 P

TECO Alcala de Te 1.42 346 P

CRIN San Cristobal 1.46 68 P

CRIN San Cristobal 1.46 68 P

POSS Presa 15 de Se 1.47 355 P

POSS Presa 15 de Se 1.47 355 P

COEG Centro de Oper 1.52 343 P

COEG Centro de Oper 1.52 343 P

SJTE Alcala de S 1.56 349 P

SCLA Alcala de Sa 1.56 349 P

SCLA Alcala de Sa 1.56 349 P

LALI Alcala de L 1.58 327 P

LALI Alcala de L 1.58 327 P

LFRS El Faro 1.58 337 P

PAVA Las Pavas 1.63 343 P

PAVA Las Pavas 1.63 343 P

HERN Volcan Telica 1.63 74 P

HERN Volcan Telica 1.63 74 P

LOMA Loma Larga 1.65 334 P

LOMA Loma Larga 1.65 334 P

POLN Al Sur del Vol 1.66 73 P

POLN Al Sur del Vol 1.66 73 P

PLRN Geotermica Pol 1.68 75 P

UBDS Universidad D 1.70 336 P

UBDS Universidad D 1.70 336 P

UTEO La Fuente 1.72 337 P

SEMO Seminario San 1.72 334 P

SEMO Seminario San 1.72 334 P

CNGN Cerro Negro 1.73 78 P

CNGN Cerro Negro 1.73 78 P

UNED Universidad Ev 1.74 333 S

UNED Universidad Ev 1.74 333 S

ILCN San Idefonso 1.75 76 P

ILCN San Idefonso 1.75 76 P

MACN El Madrono 1.75 80 P

MACN El Madrono 1.75 80 P

PIOMN Piomonte 1.77 331 S

PIOMN Piomonte 1.77 331 S

Table with columns: PMON Piomonte 1.77 331 eP, PIC2 El Picacho 1.77 332 eP, BOQS Boqueron 1.77 333 eP, JAYA Jayaque - finc 1.79 327 S, JAYA Jayaque - finc 1.79 327 eS, JAYA Jayaque - finc 1.79 327 eP, PSNO Presa 5 de nov 1.85 350 P, PSNO Presa 5 de nov 1.85 350 eP, MOMN Momotombo 1.87 82 P, MOMN Momotombo 1.87 82 P, CEDA San Andres 1.89 330 P, CEDA San Andres 1.89 330 eS, MOMZ El Cardon 1.93 81 P, MOMZ El Cardon 1.93 81 P, APO3 Apoyecu 2.02 86 P, CEVE Cerro Verde 2.03 325 P, CEVE Cerro Verde 2.03 325 eP, SBLV Cerro Verde 2.03 325 eP, APYN Apoyecu 2.04 86 P, LLGN La Laguna 2.06 346 P, LLGN La Laguna 2.06 346 P, APQ2 Apoyecu 2.06 89 S, APQ2 Apoyecu 2.06 89 S, ABCN Banco Central 2.08 91 S, ABCN Banco Central 2.08 91 S, UNIC Universidad Ca 2.12 329 P, UNIC Universidad Ca 2.12 329 S, UNAN Cigeo UNAN 2.12 91 P, UNAN Cigeo UNAN 2.12 91 S, UNAN Cigeo UNAN 2.14 90 P, UNAN Cigeo UNAN 2.14 90 P, NUBE Las Nubes 2.18 323 P, NUBE Las Nubes 2.18 323 eP, NUBE Las Nubes 2.18 323 eP, WILN Americas 2 2.20 90 P, WILN Americas 2 2.20 90 P, LIMN Finca el Limon 2.21 66 P, LIMN Finca el Limon 2.21 66 S, MAS3 Al N del Volca 2.21 93 P, MAS3 Al N del Volca 2.21 93 S, LOMAS Lomas de Alarc 2.25 325 S, LOMAS Lomas de Alarc 2.25 325 S, NANN Nandanso 2.27 95 S, NANN Nandanso 2.27 95 S, FAME Alcala de Sa 2.28 318 P, FAME Alcala de Sa 2.28 318 S, FAME Alcala de Sa 2.28 325 S, SLOZ Alcala de Sa 2.28 325 eP, SLOZ Alcala de Sa 2.28 325 eP, MTO3 Montecristo 2.41 338 P, MTO3 Montecristo 2.41 338 P, MTO3 Montecristo 2.41 338 eP, MTO3 Montecristo 2.41 338 eP, MTO3 Estacion meteo 2.41 52 P, MTO3 Estacion meteo 2.41 52 S, ESQI Esquipulas 2.55 340 P, ESQI Esquipulas 2.55 340 S, RCFN Al S de San Ju 2.56 57 P, RCFN Al S de San Ju 2.56 57 P, MATN Matagalpa 2.57 72 P, MATN Matagalpa 2.57 72 S, ZARF Estanzuela, Za 2.57 340 P, ZARF Estanzuela, Za 2.57 340 P, SARH Santa Rosa de 2.63 353 P, SARH Santa Rosa de 2.63 353 eP, BOAB BOAC BROADBA 2.72 84 P, BOAB BOAC BROADBA 2.72 84 P, APG El Apazole 3.45 325 P, APG El Apazole 3.45 325 P, JUD3 Las Juntas de 3.45 125 P, JUD3 Las Juntas de 3.45 125 P, JUD3 Las Juntas de 3.89 118 P, JUD3 Las Juntas de 3.89 118 P, JTS comp=2.98m, 21.4s, baz=300, slow=30 2.7m, LR LR 11 01 52.7

JTS comp=2.98m, 21.4s, baz=300, slow=30 2.7m, LR LR 11 01 52.7

JTS Las Juntas de 3.89 118 P

SIUN Universidad Ur 3.89 66 P

CMIG Matias Romero 7.94 309 P

TEIG Tepich 8.03 1 P

TLIG Tiapa 11.77 300 P

ROSC El Rosal 15.17 116 LR

ROSC El Rosal 15.17 116 LR

ROSC El Rosal 15.73 116 Iamb

ROSC El Rosal 15.73 116 Iamb

HNDO Hondo 20.02 331 P

TXA1 Lajitas Ar. Si 22.21 323 P

TXA1 Lajitas Array 22.21 323 P

TXA1 Lajitas Array 22.21 323 P

TXAR Lajitas Array 22.21 323 P

TKL Tuckaehoe C 23.78 9 LR

LPIG La Paz 23.90 303 LR

PFO Pinyon Flats 0 33.32 314 LR

SADO Sadowa 33.47 12 LR

LPAZ La Paz 34.67 144 LR

PDAR Pinedale Array 35.59 333 P

PDAR Pinedale Array 35.59 333 P

NVAR Mina Array Bea 37.30 320 P

ULM Lac du Bonnet 38.48 352 P

ULM Lac du Bonnet 38.48 352 P

SCHO Schererville 45.84 17 P

SCHO Schererville 45.84 17 P

SCHO Schererville 45.84 17 P

FCC Fort Churchill 46.71 356 P

FCC Fort Churchill 46.71 356 P

YKAW Yellowknife Wh 53.61 345 P

YKAW Yellowknife Wh 53.61 345 P

YKA Yellowknife Ar 53.65 345 P

YKA Yellowknife Ar 53.65 345 P

YKAW Yellowknife Wh 53.71 345 P

ILAR Eielson Array 65.90 336 P

ILAR Eielson Array 65.90 336 P

CMAR Chiang Mai Arr 148.72 346 PKPbc PKPdf

CMAR Chiang Mai Arr 148.72 346 PKPbc PKPdf

IDC 07 11:17:35.6±4.5, 36°31'N, 70°06'E, h187km±33km, mb3.5/13, mbmp4.1/18, Error ellipse: s-maj=39.0km s-min=18.5km az=174.0

MOS 07 11:17:38.2±0.7, 36°57'N, 70°10'E, h211km±84.0, Error ellipse: s-maj=11.9km s-min=5.7km az=81.4

NEIC 07 11:17:39.2±1.2, 36°57'N, 0°07:70'E±0.1, h208km±7km, mb4.2/10, Error ellipse: s-maj=12.0km s-min=10.6km az=74.0

ISC 07 11:17:38.8±0.6, 36°52'N, 0°05:720'E±0.05, h213km±n98, ±1966/110, mb3.9/16, 6C-6D, Hindu Kush region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes KBL Kabul 2.19 206 Op.

KBL Kabul 2.19 206 P

CHGR Chuyangaron 2.29 339 P

CHGR Chuyangaron 2.29 339 d/PN

GAR Garm 2.49 2 S

BTK Batken 3.56 8 P

BTK Batken 3.56 8 P

BTK Batken 3.56 8 P

BTK Batken 3.56 8 P

BTK Batken 3.56 8 P

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BTK Batken 3.56 8 P

BTK Batken 3.56 8 P

BTK Batken 3.56 8 P

2020 MAY

7d 11h

437	BLSP Bilaspur	75.60	294	eP	P	11 32 14.3	-1.9	F18K Selawik	78.02	17	P	P	11 32 28.3	-0.2	H21K	baz=234	S	S	11 41 57.8	-0.3		
	G15K Niukluk	75.60	17	P	P	11 32 15.3	0.0	F18K	baz=227,SNR=41			S	S	11 41 42.4	+0.4	JOSI Joshimat	79.55	302	eP	P	11 32 35.5	-2.2
	G15K	baz=223		S	S	11 41 16.9	+0.5	RC01 Rabit Creek A	78.08	24	P	P	11 32 28.4	-0.5	WAT6 Susitna Watana	79.68	23	P	P	11 32 37.1	-0.6	
	O19K Port Alsworth	75.72	24	P	S	11 32 14.9	-1.0	RC01	baz=237,SNR=24			S	S	11 41 41.0	-2.0	WAT6	baz=239,SNR=40	S	S	11 41 57.7	-2.2	
	O19K	baz=233		S	S	11 41 17.7	0.0	PPLA Purkeypile	78.14	22	IAMB	IAMB	11 34 21.7		RND Reindeer	79.69	22	IAMB	IAMB	11 34 29.9		
	I17K Unalakleet	75.83	19	IAMB	IAMB	11 32 21.7		PPLA Kuna River	78.14	22	P	P	11 32 28.3	-1.1	D19K Kuna River	79.75	16	IAMB	IAMB	11 34 30.8		
	I17K Unalakleet	75.83	19	P	P	11 32 17.0	+0.6	PPLA Purkeypile	baz=234,SNR=13			S	S	11 41 43.8	-0.1	D19K Kuna River	79.75	16	P	P	11 32 37.7	0.0
	I17K	baz=226		S	S	11 41 20.3	+1.5	RDOG Red Dog Mine	78.16	15	IAMB	IAMB	11 34 22.3		D19K	baz=228,SNR=89	S	S	11 41 58.8	-1.2		
	K17K Ilditar	75.83	20	IAMB	IAMB	11 32 21.4		RDOG Red Dog Mine	78.16	15	P	P	11 32 29.8	+0.6	DIV Divide	79.76	25	IAMB	IAMB	11 34 31.3		
	K17K Ilditar	75.83	20	P	P	11 32 16.9	+0.3	RDOG	comp=Z,127nm,0.9s			S	S	11 41 43.4	-0.1	C19K Lookout Ridge	79.77	15	IAMB	IAMB	11 34 31.6	
	K17K	baz=229,SNR=57		S	S	11 41 21.0	+2.1	RDOG	comp=Z,130nm,1.0s			S	S	11 41 43.8	-0.1	C19K Lookout Ridge	79.77	15	P	P	11 32 38.4	+0.5
	H16K Elim	75.88	18	P	P	11 32 16.5	-0.2	HYB Hyderabad	78.18	289	eP	P	11 32 28.3	-2.1	C19K	baz=226,SNR=129	S	S	11 41 59.4	-0.9		
	H16K	baz=224,SNR=20		S	S	11 41 20.6	+1.2	HYB Hyderabad	78.18	289	eP	P	11 32 30.0	-0.4	C19K	baz=226	S	S	11 41 57.8	-0.1		
	M18K Stony River	75.93	22	P	P	11 32 17.3	+0.2	HYB	comp=Z,2um,0.6s			eP	P	11 34 15.6	+0.6	KAIM Kayak Island	79.77	27	P	P	11 32 37.4	-0.1
	M18K	baz=224		S	S	11 41 21.4	+1.3	HYB				eP	P	11 35 02.3	-2.3	MCK McKinley	79.83	22	P	P	11 32 37.4	-0.9
	F15K North Star Dit	75.96	16	IAMB	IAMB	11 32 21.9		HYB				eP	P	11 35 34.9	-0.7	MCK	baz=237,SNR=118	S	S	11 41 60.0	-1.1	
	F15K North Star Dit	75.96	16	P	P	11 32 17.3	+0.1	HYB				eS	S	11 41 46.7	+0.5	ZSN Zaisan	79.84	320	eP	P	11 32 38.7	+0.1
	F15K	baz=222,SNR=126		S	S	11 41 21.3	+1.0	HYB				eS	S	11 42 04.8	-0.5	ZSN Zaisan	79.84	320	eP	P	11 32 38.7	+0.1
	J17K VABM Dome	76.02	20	IAMB	IAMB	11 32 19.4		HYB	comp=Z,464nm,10.4s			IVMS_BB	IVMS_BB	12 03 55.0		G21K Allakatt	79.84	19	P	P	11 42 00.1	-0.1
	J17K VABM Dome	76.02	20	P	P	11 32 18.2	+0.6	J20K Nowinta River	78.20	20	IAMB	IAMB	11 34 20.2		G21K	baz=235,SNR=82	S	S	11 42 03.3	-0.8		
	J17K	baz=228		S	S	11 41 22.3	+1.4	J20K	baz=232			S	S	11 41 43.4	-0.7	KLU Klutina	79.87	25	IAMB	IAMB	11 32 43.0	
	N19K Bonanza Creek	76.03	23	P	P	11 32 17.5	-0.4	KOD Kodakanal	78.28	281	eP	P	11 32 28.8	-2.5	KLU Klutina	comp=Z,134nm,0.9s	P	P	11 32 38.6	0.0		
	N19K	baz=233		S	S	11 41 21.6	+0.3	H19K Roundabout Mou	78.28	19	IAMB	IAMB	11 32 34.4		KLU	baz=241,SNR=47	S	S	11 42 03.1	+1.4		
	VJD Vijayawada	76.07	288	eP	P	11 32 16.8	-2.0	H19K Roundabout Mou	78.28	19	P	P	11 32 30.3	+0.4	BWN Brown	79.87	22	IAMB	IAMB	11 34 32.0		
	L18K Granite Mounta	76.08	21	IAMB	IAMB	11 32 23.0		H19K	comp=Z,125nm,0.9s			S	S	11 41 45.8	+0.9	MLY Manley	79.90	21	P	P	11 32 38.1	-0.4
	L18K	baz=230		S	S	11 41 23.4	+1.7	M22K Willow	78.29	24	P	P	11 32 29.0	-1.0	MLY	baz=236,SNR=94	S	S	11 41 59.8	-1.9		
	O20K Slope Mounta	76.34	24	P	P	11 32 18.3	-1.2	M22K	baz=237,SNR=22			S	S	11 41 42.4	-2.7	M24K Tolsona, Glenn	80.07	24	P	P	11 32 39.7	+0.1
	O20K	baz=235		S	S	11 41 23.6	-1.1	NGP Nagpur	78.30	293	eP	P	11 32 28.9	-2.1	M24K	baz=240,SNR=28	S	S	11 42 03.2	-0.5		
	G16K Koyuk River	76.38	17	IAMB	IAMB	11 32 20.0	+0.4	E18K Tukpahlearik C	78.32	16	P	P	11 32 30.5	+0.4	DHY Denali Highway	80.08	23	P	P	11 32 39.3	-0.4	
	G16K Koyuk River	76.38	17	P	P	11 32 25.6	+0.8	E18K	baz=226,SNR=53			S	S	11 41 45.5	+0.3	DHY	baz=239	S	S	11 42 01.5	-2.5	
	G16K	baz=224		S	S	11 41 25.6	+0.8	C17K DeLong Mountai	78.40	15	P	P	11 32 35.9	+0.3	AKL Akola	80.11	292	eP	P	11 32 38.6	-2.0	
	HOM Homer	76.50	25	P	P	11 32 20.2	-0.1	C17K	baz=223,SNR=112			S	S	11 41 45.7	-0.4	BHPL Bhopal	80.12	294	eP	P	11 32 38.8	-1.9
	HOM	baz=236,SNR=31		S	S	11 41 25.4	-0.8	L22K Petersville	78.47	23	IAMB	IAMB	11 34 22.6		E20K Nigu River	80.13	17	P	P	11 32 40.1	+0.4	
	ALBI Allahabad	76.56	297	eP	P	11 32 19.5	-1.9	L22K	baz=236			S	S	11 32 29.4	-1.7	A19K Wainwright	80.17	14	P	P	11 42 03.3	+0.5
	L19K White Mountain	76.72	22	IAMB	IAMB	11 32 26.2		I20K Naaghedeneel	78.47	20	IAMB	IAMB	11 32 35.7		A19K	baz=225	S	S	11 42 04.2	0.0		
	L19K White Mountain	76.72	22	P	P	11 32 22.0	+0.5	I20K Naaghedeneel	78.47	20	P	P	11 32 31.6	+0.7	H22K Ishlatina Cre	80.17	20	P	P	11 32 40.0	0.0	
	L19K	baz=232		S	S	11 41 29.3	+0.7	G19K Purceil Mounta	78.48	18	IAMB	IAMB	11 34 24.0		H22K	baz=235	S	S	11 42 04.4	-0.1		
	M19K Big River Lodg	76.73	22	P	P	11 32 22.1	+0.5	G19K	comp=Z,1106nm,0.9s			S	S	11 32 31.4	+0.1	BMRM Bremser Mounta	80.18	26	P	P	11 32 40.0	-0.2
	M19K	baz=233		S	S	11 41 30.3	+1.7	G19K	baz=229,SNR=142			S	S	11 41 48.0	+1.3	BMRM	baz=242	S	S	11 42 04.2	-0.6	
	WMQ Urumqi	76.79	317	P	P	11 32 26.9	+4.5	P23K Montague Islan	78.49	26	P	P	11 32 30.9	-0.3	NEA2	baz=237,SNR=92	S	S	11 32 39.5	-0.9		
	WMQ	comp=Z,22nm,1.1s		pP	pP	11 34 01.7	-4.1	TRD Trivandrum	78.59	280	eP	P	11 32 30.4	-2.2	NEA2	baz=237	S	S	11 42 04.1	-1.2		
	WMQ	comp=Z,153nm,1.4s		pP	pP	11 34 01.7	-4.1	TRC Chulitna	78.59	23	IAMB	IAMB	11 34 24.1		NRDN NAMADA NAGAR0	80.28	294	eP	P	11 32 40.0	-1.5	
	WMQ	comp=Z,153nm,1.4s		sS	sS	11 44 30.0	-4.0	CUT China	comp=Z,312nm,1.4s			P	P	11 32 30.2	-1.4	F21K Alatna River	80.28	18	P	P	11 32 40.3	-0.2
	WMQ	comp=Z,22nm,1.1s		pmax	pmax	11 44 30.0	-4.0	CUT	baz=236,SNR=15			S	S	11 41 47.7	-0.6	F21K	baz=233,SNR=46	S	S	11 42 05.0	-0.6	
	H17K Granite Mounta	76.80	18	IAMB	IAMB	11 34 15.1		PMR Palmer	78.60	24	P	P	11 32 30.8	-0.9	D20K Etivluk River	80.30	16	IAMB	IAMB	11 34 34.1		
	H17K Granite Mounta	76.80	18	P	P	11 32 22.4	+0.5	PMR	78.60	24	P	P	11 32 30.9	-0.9	D20K Etivluk River	80.30	16	P	P	11 32 40.8	+0.1	
	H17K	baz=227,SNR=109		S	S	11 41 30.2	+1.0	PMR	baz=238,SNR=38			S	S	11 41 46.5	-1.8	D20K	baz=229,SNR=99	S	S	11 42 04.7	-1.1	
	BRSE Bradley Lake S	76.93	25	P	P	11 32 22.2	-0.5	Q23K Miletton Isla	78.67	27	P	P	11 32 32.0	-0.1	AGRA Agra	80.33	298	eP	P	11 32 39.4	-2.2	
	BRSE	baz=236		S	S	11 41 29.7	-1.2	CHUM Lake Minchumin	78.67	21	P	P	11 32 31.9	-0.1	GUNA GUNA	80.43	296	eP	P	11 32 40.3	-2.0	
	G17K Kiwalik Mounta	76.97	18	P	P	11 32 23.2	+0.5	CHUM	baz=234			S	S	11 41 48.3	-0.7	I23K Minto, Yukon-K	80.45	21	P	P	11 32 41.2	-0.2
	G17K	baz=226		S	S	11 41 31.9	+0.9	F19K Shalercukik Mo	78.73	17	P	P	11 32 32.2	-0.1	I23K	baz=237,SNR=19	S	S	11 42 06.6	-0.7		
	SPCR Spurr Chakacha	77.15	23	P	P	11 32 22.4	-1.6	F19K	baz=228,SNR=90			S	S	11 41 48.9	-0.6	HNLY HANLEY	80.49	304	eP	P	11 32 40.7	-2.3
	M20K Styx River	77.19	23	P	P	11 32 24.1	-0.1	H20K Anotleneega Mo	78.77	19	P	P	11 32 32.6	+0.1	UTK UTTARKASHI	80.53	302	eP	P	11 32 40.0	-2.8	
	M20K	baz=234		S	S	11 41 34.5	+0.8	H20K	baz=232,SNR=102			S	S	11 41 50.5	+0.5	HARP HARP	80.63	24	P	P	11 32 42.4	-0.1
	CAPN Captain Cook N	77.33	24	P	P	11 32 24.7	-0.1	KNK Knik Glacier	78.78	24	IAMB	IAMB	11 34 25.6		HARP	baz=241,SNR=19	S	S	11 42 07.3	-2.0		
	CAPN	baz=236		S	S	11 41 35.7	+0.8	KNK	comp=Z,235nm,1.2s			P	P	11 32 32.3	-0.5	CRQM Cirque	80.72	26	IAMB	IAMB	11 34 36.8	
	H18K Honhosa River	77.43	18	P	P	11 32 24.9	-0.5	KNK	baz=238,SNR=16			S	S	11 41 48.9	-1.4	G22K Bettles	80.72	19	P	P	11 32 42.7	-0.1
	H18K	baz=228,SNR=26		S	S	11 41 38.0	+2.1	GHO Glory Hole Cre	78.78	24	IAMB	IAMB	11 34 26.1		G22K	baz=						

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G23K	Bananza Creek	81.09	19	P	P	11 32 45.0 +0.2
G23K	baz=236,SNR=64			S	S	11 42 13.0 -0.8
C21K	Knifeflade Rid	81.10	16	P	P	11 32 45.2 +0.5
C21K	baz=231			S	S	11 42 12.4 -1.4
POKR	Poker Plat Res	81.12	21	P	P	11 32 43.0 -1.9
POKR	baz=239			S	S	11 42 09.1 -5.1
JMIU	JAMIA UNIVERSI	81.12	300	eP	P	11 32 44.1 -1.7
ILAR	Eielson Array	81.14	22	P	P	11 32 43.3 -1.7
ILAR	comp=Z,41nm,0.8s,baz=244,slow=5.4,SNR=450			pP	pP	11 34 32.1 -1.8
ILAR	comp=Z,27nm,0.8s,baz=248,slow=5.3,SNR=10			S	S	11 42 09.6 -4.8
ILAR	comp=Z,1.0nm,1.0s,baz=240,slow=1.1,SNR=41			PKKp	PKKp	11 51 16.1 +6.5
ILAR	comp=Z,2.0nm,0.7s,baz=346,slow=1.2,SNR=7.3					
ILAR	comp=Z,41nm,0.8s	81.14	22	P	P	11 32 43.4 -1.6
ILAR	Eielson Array	81.14	22	P	P	11 32 43.4 -1.6
NPLP	NPLP New Delhi	81.24	300	eP	P	11 32 44.1 -2.3
GRNC	Granite Creek	81.32	26	Iamb	Iamb	11 34 43.4
MK31	Makanchi Array	81.33	319	d/P	P	11 32 46.6 +0.2
MKAR	Makanchi Array	81.33	319	P	P	11 32 46.5 +0.1
MKAR	comp=Z,73nm,0.8s,baz=97,slow=5.8,SNR=96			pP	pP	11 34 32.1 +1.2
MKAR	comp=Z,8.2nm,0.8s,baz=91,slow=8.6,SNR=1.6			S	S	11 42 16.0 -1.1
MKAR	comp=Z,3.8nm,1.1s,baz=93,slow=13,SNR=3.6					
MKAR	Makanchi Array	81.33	319	P	P	11 32 46.1 -0.4
MKAR	Makanchi Array	81.33	319	P	P	11 32 46.5 +0.1
MKAR	comp=Z,74nm,0.8s			pmax	pmax	
E22K	Anaktuvuk Pass	81.34	18	P	P	11 32 46.2 +0.1
E22K	baz=234			S	S	11 42 14.8 -1.6
H24K	Noodor Dome	81.34	21	P	P	11 32 44.8 -1.3
H24K	baz=238			S	S	11 42 13.1 -3.4
RIDG	Independent Ri	81.40	23	Iamb	Iamb	11 34 40.0
RIDG	comp=Z,298nm,1.6s					
RIDG	Independent Ri	81.40	23	P	P	11 32 46.1 -0.4
RIDG	baz=241,SNR=63			S	S	11 42 14.9 -2.3
B21K	Ikpiukuk River	81.44	16	P	P	11 32 46.6 +0.1
B21K	baz=231			S	S	11 42 15.8 -1.3
MENT	Mentasta	81.47	24	P	P	11 32 47.0 +0.2
BARN	Barnard Glacie	81.50	26	Iamb	Iamb	11 32 51.6
M26K	Nabesna, AK	81.52	25	P	P	11 32 46.9 -0.2
M26K	baz=243			S	S	11 42 16.7 -1.8
MA2K	Makanchi	81.54	318	P	P	11 32 47.9 +0.4
MA2K	Makanchi	81.54	318	P	P	11 32 47.9 +0.4
MA2K	comp=Z,178nm,0.8s			pmax	pmax	
J25K	Salcha River,	81.62	22	Iamb	Iamb	11 34 38.0
J25K	comp=Z,122nm,0.9s					
J25K	Salcha River,	81.62	22	P	P	11 32 47.0 -0.6
J25K	baz=241,SNR=181			S	S	11 42 16.3 -3.2
L26K	Log Cabin Wild	81.66	24	P	P	11 32 47.7 -0.1
L26K	baz=243			S	S	11 42 18.6 -1.1
SMLA	Simla	81.68	302	eP	P	11 32 46.6 -1.9
JHJR	Jhajjar	81.69	300	eP	P	11 32 46.6 -2.1
PCA	Pinnacle	81.72	27	Iamb	Iamb	11 34 39.3
PINM	Pinnacle	81.72	27	P	P	11 32 48.1 -0.1
PINM	comp=Z,1105nm,0.9s					
PINM	comp=Z,246,SNR=8.1			S	S	11 42 19.7 -1.0
KAAM	Kaadehdhoo	81.78	271	P	P	11 32 48.6 -0.8
SCRK	Sand Creek, AK	81.85	23	P	P	11 32 48.2 -0.6
SCRK	baz=242,SNR=70			S	S	11 42 20.5 -1.3
G24K	Hadweenzic Riv	81.93	20	Iamb	Iamb	11 34 37.6
G24K	comp=Z,27nm,1.3s					
G24K	Hadweenzic Riv	81.93	20	P	P	11 32 49.0 -0.1
G24K	baz=238,SNR=40			S	S	11 42 22.0 -0.4
ZAAO	Zalesovo Array	81.94	326	Iamb	Iamb	11 32 54.9
ZALV	Zalesovo Beam	81.94	326	P	P	11 32 48.6 -0.7
ZALV	comp=Z,52nm,0.7s,baz=115,slow=5.7,SNR=79			pP	pP	11 34 34.1 +0.2
ZALV	comp=Z,4.1nm,0.5s,baz=99,slow=8.9,SNR=1.5			S	S	11 42 17.9 -4.9
ZALV	comp=Z,1.6nm,0.7s,baz=89,slow=6.2,SNR=3.7			PKKp	PKKp	11 59 21.8 +1.4
ZALV	comp=Z,8.0nm,1.0s,baz=320,slow=4.3,SNR=7.8					
BCPM	Bancas Point	81.95	28	Iamb	Iamb	11 32 53.3
M27K	Edge Creek, AK	81.97	25	Iamb	Iamb	11 32 54.2
M27K	comp=Z,160nm,0.9s					
M27K	Edge Creek, AK	81.97	25	P	P	11 32 49.9 +0.4
M27K	baz=244,SNR=89			S	S	11 42 22.4 -0.8
E23K	Chandalar	81.97	18	Iamb	Iamb	11 34 43.5
E23K	comp=Z,214nm,1.2s					
E23K	Chandalar	81.97	18	P	P	11 32 49.5 +0.2
E23K	baz=236,SNR=108			S	S	11 42 21.9 -0.9
A21K	Barrow	82.01	14	P	P	11 32 49.2 -0.1
A21K	baz=229,SNR=74			S	S	11 42 20.5 -2.4
PRP	Porcupine Dome	82.01	21	P	P	11 32 47.3 -2.4
PRP	baz=240,SNR=19			S	S	11 42 20.4 -3.0
O28M	Mount Upton	82.03	27	Iamb	Iamb	11 32 54.9
O28M	comp=Z,79nm,0.8s					
O28M	Mount Upton	82.03	27	P	P	11 32 49.8 -0.2
O28M	baz=246,SNR=30			S	S	11 42 23.1 -1.0
WUS	Wushi	82.08	312	Iamb	Iamb	11 32 57.5
WUS	comp=Z,103nm,0.7s					
WUS	Wushi	82.08	312	P	P	11 32 50.7 +0.1
HMDM	Hanimaadhoo	82.14	277	P	P	11 32 53.8 +2.6
HMDM	comp=Z,95nm,0.9s					
HMDM	Hanimaadhoo	82.14	277	P	P	11 32 57.9 +6.6
D23K	Nanushuk River	82.16	17	P	P	11 32 51.1 +0.9
D23K	baz=235,SNR=183			S	S	11 42 24.3 +0.3
B22K	Teshkpek Lake	82.21	16	Iamb	Iamb	11 34 44.2
B22K	comp=Z,43nm,1.0s					
B22K	Teshkpek Lake	82.21	16	P	P	11 32 50.3 0.0
B22K	baz=232,SNR=85			S	S	11 42 24.6 +0.4
A22K	Sinclair Lake	82.22	15	P	P	11 32 50.4 +0.1
A22K	baz=231			S	S	11 42 22.7 -1.5
F24K	Squaw Lake	82.23	19	Iamb	Iamb	11 32 55.3
F24K	comp=Z,91nm,0.8s					
F24K	Squaw Lake	82.23	19	P	P	11 32 51.2 +0.6
F24K	baz=238,SNR=188			S	S	11 42 24.4 -0.2
L27K	Beaver Creek,	82.30	24	Iamb	Iamb	11 34 45.4
L27K	comp=Z,200nm,1.6s					
L27K	Beaver Creek	82.30	24	P	P	11 32 51.1 0.0
L27K	baz=244,SNR=73			S	S	11 42 25.0 -0.2
L27K	baz=244					

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KAD	Karad	82.30	288	eP	P	11 32 49.5 -2.5
TOLK	Toolik Lake Re	82.31	18	P	P	11 32 51.3 +0.3
TOLK	baz=236,SNR=85			S	S	11 42 25.8 +0.7
BCAR	Beaver Creek A	82.31	24	P	P	11 32 51.4 +0.2
YUK3	Moose Creek	82.33	26	P	P	11 32 51.4 -0.1
YUK3	baz=246,SNR=28			S	S	11 42 27.3 +0.4
E24K	Your Creek	82.34	18	P	P	11 32 51.2 0.0
E24K	baz=246			S	S	11 42 25.5 +0.1
E24K	baz=237			S	S	11 42 25.5 +0.1
SHLS	Shalkode	82.35	314	eP	P	11 32 50.3 -1.6
SHLS	Shalkode	82.35	314	eP	P	11 32 50.3 -1.6
PDGK	Podgornoye	82.37	315	eP	P	11 32 51.5 -0.5
BHK	Bhakira	82.39	302	eP	P	11 32 47.9 -4.3
BVCY	Beaver Creek	82.42	25	P	P	11 32 52.2 +0.5
BVCY	baz=245,SNR=42			S	S	11 42 27.3 +1.3
YUK8	Steele Glacier	82.43	26	P	P	11 32 52.4 +0.4
YUK8	baz=246,SNR=23			S	S	11 42 28.1 +1.4
G25K	Bearman Lake	82.44	20	P	P	11 32 51.9 +0.3
G25K	baz=240,SNR=84			S	S	11 42 27.7 +0.4
Q29M	Mount Kennedy	82.58	27	P	P	11 32 53.2 +0.6
Q29M	comp=Z,294nm,1.6s					
Q29M	Mount Kennedy	82.58	27	P	P	11 32 53.2 +0.6
Q29M	baz=247,SNR=21			S	S	11 42 28.8 +1.5
DHRM	DHARAMSHALA	82.61	303	eP	P	11 32 51.3 -2.2
K27K	Chiken	82.62	23	Iamb	Iamb	11 32 57.5
FYU	Fort Yukon	82.64	20	Iamb	Iamb	11 34 46.5
UZB	Uzynbulak	82.66	314	eP	pmax	11 32 53.4 -0.1
UZB	comp=Z,70nm,1.2s					
UZB	Uzynbulak	82.66	314	eP	P	11 32 53.5 -0.1
C23K	Ikiki River	82.68	17	P	P	11 32 53.2 +0.4
C23K	baz=235,SNR=124			S	S	11 42 27.9 +0.6
P29M	Windy Craggy	82.71	28	Iamb	Iamb	11 34 47.8
P29M	comp=Z,273nm,1.6s					
P29M	Windy Craggy	82.71	28	P	P	11 32 53.6 +0.4
P29M	baz=248			S	S	11 42 27.5 -0.5
POO	Poona	82.77	289	eP	P	11 32 52.2 -2.2
BRWY	Burwash Landin	82.78	26	P	P	11 32 54.4 +0.8
BRWY	baz=247,SNR=38			S	S	11 42 30.3 +1.9
I26K	Coal Creek Min	82.78	22	Iamb	Iamb	11 34 46.7
I26K	comp=Z,71nm,0.8s					
I26K	Coal Creek Min	82.78	22	P	P	11 32 53.0 -0.4
I26K	baz=243			S	S	11 42 28.9 +0.7
D24K	Happy Valley	82.82	18	P	P	11 32 54.0 +0.5
D24K	baz=237			S	S	11 42 29.4 +1.1
TSSA	Tissa	82.83	304	eP	P	11 32 52.1 -2.6
S31K	Pelican	82.85	30	Iamb	Iamb	11 34 48.5
S31K	comp=Z,223nm,1.6s					
S31K	Pelican	82.85	30	P	P	11 32 54.1 +0.3
S31K	baz=250			S	S	11 42 32.3 +0.7
YUK6	Outpost Mounta	82.92	27	P	P	11 32 54.8 +0.3
YUK6	baz=248,SNR=11			S	S	11 42 32.2 +2.4
YUK6	baz=248			S	S	11 42 35.5 +0.8
YUK4	Talbot Arm	82.95	26	P	P	11 32 55.0 0.0
YUK4	baz=247,SNR=28			S	S	11 32 55.0 0.0
KPKS	Kokpek	82.97	315	eP	P	11 34 49.4
KPKS	Kokpek	82.97	315	eP	P	11 34 49.4
SIT	Sitka	83.00	31	Iamb	Iamb	11 32 55.0 +0.4
SIT	comp=Z,116nm,1.4s					
SIT	Sitka	83.00	31	P	P	11 32 55.0 +0.4
F25K	Christian River	83.01				

G29M	Pine Creek	85.36	21	P	P	11 33 06.4 +0.3
G29M	Quiet Lake	85.40	28	Iamb	Iamb	11 33 11.0
N32M	Quiet Lake	85.40	28	P	P	11 33 06.9 +0.4
N32M	Telegraph Cree	85.42	31	Iamb	Iamb	11 33 11.0
S34M	Telegraph Cree	85.42	31	P	P	11 33 07.2 +0.6
U35K	Hyder	85.48	33	P	P	11 33 06.7 -0.2
KBK	Karagaybulak	85.50	313	P	P	11 33 07.7 +0.1
QSPA	South Pole Qui	85.50	180	P	P	11 33 06.3 -0.7
QSPA	South Pole Qui	85.50	180	P	P	11 33 06.2 -0.7
QSPA	South Pole Qui	85.50	180	P	P	11 33 07.3 +0.5
E28M	Babbage River	85.51	20	P	P	11 33 07.3 +0.5
E28M	Bob Quinn	85.63	32	P	P	11 33 07.9 +0.2
EPYK	Eagle Plains	85.64	22	P	P	11 33 07.8 +0.2
CHMS	Chumyush	85.70	314	P	P	11 33 08.4 0.0
UCH	Ala-Archa	85.74	313	P	P	11 33 09.1 0.0
AAK	Ala-Archa	85.82	313	P	P	11 33 09.1 0.0
AAK	Ala-Archa	85.82	313	P	P	11 33 09.4 +0.2
AAK	Ala-Archa	85.82	313	P	P	11 33 09.2 +0.1
AAK	Ala-Archa	85.82	313	P	P	11 33 08.9 -0.2
AAK	Ala-Archa	85.82	313	P	P	11 33 10.9 +1.8
AAK	Ala-Archa	85.82	313	P	P	11 33 08.8 -0.3
AAK	Ala-Archa	85.82	313	P	P	11 33 10.5 -0.6
AAK	Ala-Archa	85.82	313	P	P	11 34 55.5 0.0
AAK	Ala-Archa	85.82	313	P	P	11 33 09.1 -0.1
SGDS	Sogindy	85.86	314	eP	eP	11 35 04.9
R33M	Jennings River	85.91	30	Iamb	Iamb	11 33 09.5 +0.4
R33M	Jennings River	85.91	30	P	P	11 33 09.3 -0.1
USP	Ospenovka	85.93	314	P	P	11 35 03.2
E29M	Blow River	85.98	20	Iamb	Iamb	11 33 08.9 -0.1
E29M	Blow River	85.98	20	P	P	11 43 02.7 +0.9
E29M	Blow River	85.98	20	P	P	11 35 04.7
G30M	taoh Zrail Nji	86.04	22	Iamb	Iamb	11 35 04.1
G30M	taoh Zrail Nji	86.04	22	P	P	11 33 09.1 -0.4
G30M	Stokes Point	86.07	19	P	P	11 43 03.5 +0.9
D28M	Stokes Point	86.07	19	P	P	11 33 09.6 +0.1
D28M	Dease Lake	86.12	31	P	P	11 43 04.3 +1.8
DLBC	Dease Lake	86.12	31	P	P	11 33 10.2 +0.1
NR1K	Noril'sk	86.27	341	P	P	11 33 09.5 -1.0
NR1K	Noril'sk	86.27	341	P	P	11 34 57.2 +0.7
NR1K	Noril'sk	86.27	341	P	P	11 42 48.4 -1.6
NR1K	Noril'sk	86.27	341	P	P	11 51 08.0 -0.8
NR1K	Noril'sk	86.27	341	P	P	11 33 09.4 -1.0
EKS2	Erkin-Say	86.35	313	P	P	11 33 11.4 -0.2
H31M	Peel River	86.35	23	Iamb	Iamb	11 33 11.8
H31M	Peel River	86.35	23	P	P	11 33 10.7 -0.2
H31M	Peel River	86.35	23	S	S	11 43 06.6 +1.1
F30M	Barrier River	86.43	21	P	P	11 33 11.2 0.0
F30M	Barrier River	86.43	21	S	S	11 43 08.7 +2.5
JASL	Jaisalmer	86.49	297	eP	eP	11 33 10.4 -2.0
BTLS	Baital	86.55	316	eP	eP	11 33 12.3 0.0
BTLS	Baital	86.55	316	eP	eP	11 33 12.4 0.0
MAW	Mawson	86.61	203	P	P	11 33 11.9 -0.2
MAW	Mawson	86.61	203	P	P	11 33 12.2 +0.1
MAW	Mawson	86.61	203	P	P	11 33 11.8 -0.3
MMPY	Sheldon Lake	86.66	26	Iamb	Iamb	11 35 02.7
MMPY	Sheldon Lake	86.66	26	P	P	11 33 12.7 +0.1
MMPY	Sheldon Lake	86.66	26	S	S	11 43 07.3 -1.3
ARSB	Arslanbob	86.72	312	Iamb	Iamb	11 33 21.3
G31M	Satah River	86.75	22	Iamb	Iamb	11 35 07.0
G31M	Satah River	86.75	22	P	P	11 33 12.5 -0.2
G31M	Satah River	86.75	22	S	S	11 43 08.5 -0.6
K02D	Williamette Mer	86.86	47	Iamb	Iamb	11 35 10.1
F31M	Tsighehtchic	87.11	21	P	P	11 33 13.9 -0.5
F31M	Tsighehtchic	87.11	21	S	S	11 43 10.9 -1.6
002D	Mt. Diablo Mer	87.13	50	Iamb	Iamb	11 35 11.8
WTLY	Watson Lake, Y	87.15	29	P	P	11 33 15.0 +0.1
WTLY	Watson Lake, Y	87.15	29	S	S	11 43 12.5 -0.8
M02C	Callahan	87.26	48	Iamb	Iamb	11 35 11.7
N02D	Trinity Center	87.31	49	Iamb	Iamb	11 35 12.8
INK	Inuvik	87.47	21	Iamb	Iamb	11 35 10.8
INK	Inuvik	87.47	21	P	P	11 33 15.5 -0.5
INK	Inuvik	87.47	21	S	S	11 43 16.2 +0.4
BBOR	Butler Butte	87.60	47	Iamb	Iamb	11 35 12.9
003E	Paynes Creek	87.90	50	Iamb	Iamb	11 35 14.8
I04A	Tendick Farm,	87.93	46	Iamb	Iamb	11 35 13.8
ORV	Croville	88.03	50	Iamb	Iamb	11 35 15.4
G04A	Umpqua Nationa	88.07	47	Iamb	Iamb	11 35 17.1
G04A	Mulino	88.08	45	Iamb	Iamb	11 35 14.6
DZA	Taraz	88.16	313	eP	eP	11 33 19.8 -0.2
DZA	Taraz	88.16	313	eP	eP	11 33 19.9 -0.2
BTK	Batken	88.17	310	Iamb	Iamb	11 33 26.6
GNW	Green Mountain	88.19	42	Iamb	Iamb	11 35 15.4
H04A	Detroit Lake	88.21	45	Iamb	Iamb	11 35 14.9

LIRD	Liard River Hi	88.30	30	P	P	11 33 20.0 -0.2
LIRD	Liard River Hi	88.30	30	S	S	11 43 24.0 -0.2
PKD	Bear Valley Ra	88.35	54	Iamb	Iamb	11 35 17.6
AFDM	Forest Hills D	88.36	51	Iamb	Iamb	11 35 17.2
WIFE	Three Sisters	88.39	46	Iamb	Iamb	11 35 16.6
GAR	Garm	88.43	309	Iamb	Iamb	11 33 27.6
I05D	Tertsonn, OR	88.77	46	Iamb	Iamb	11 35 18.1
KK31	Karatay Array	88.79	313	iP	iP	11 33 21.2 -1.7
KKAR	Karatay Array	88.79	313	P	P	11 33 21.9 -1.0
KKAR	Karatay Array	88.79	313	P	P	11 33 21.9 -1.0
K05A	Summer Lake	88.89	47	Iamb	Iamb	11 35 26.9
KBL	Kabul	88.94	305	P	P	11 33 24.8 +0.8
KBL	Kabul	88.94	305	P	P	11 33 24.8 +0.8
KBL	Kabul	88.94	305	P	P	11 33 25.5 +1.4
PINE	Pine Mountain	88.98	46	P	P	11 33 23.8 -0.3
BRLS	Boroday	89.27	313	eP	eP	11 33 25.4 +0.3
BRLS	Boroday	89.27	313	eP	eP	11 33 25.4 +0.3
CHGR	Chuyangaron	89.29	309	iP	iP	11 33 24.7 -0.7
CHM	Chimkent	89.36	312	eP	eP	11 33 25.5 0.0
CHM	Chimkent	89.36	312	eP	eP	11 33 25.5 0.0
PNTR	Pine Nut	89.44	51	Iamb	Iamb	11 35 22.2
KOTAN	Kotaneleele Air	89.48	30	P	P	11 33 25.6 -0.1
KOTAN	Pah Rang Range	89.67	50	Iamb	Iamb	11 43 34.7 0.0
PAHR	Pah Rang Range	89.67	50	Iamb	Iamb	11 35 23.0
MXC	Moxie City	89.77	43	Iamb	Iamb	11 35 21.8
BVAR	Borovoye Array	90.11	323	P	P	11 33 27.4 -1.4
BVAR	Borovoye Array	90.11	323	P	P	11 33 16.6 +0.7
BVAR	Borovoye Array	90.11	323	P	P	11 43 13.1 -0.2
TPO	Tropo Hills	90.11	55	Iamb	Iamb	11 35 26.5
BORK	Borovoye	90.16	323	P	P	11 33 27.7 -1.3
BORK	Borovoye	90.16	323	P	P	11 33 34.0
BORK	Borovoye	90.16	323	iP	iP	11 33 27.8 -1.2
LHV	Little Huntoon	90.21	52	Iamb	Iamb	11 33 37.2
WRGLY	Wrigley	90.27	27	P	P	11 33 29.2 -0.1
WRGLY	Wrigley	90.27	27	S	S	11 43 41.0 -0.7
NVAR	Mina Array Bea	90.38	52	P	P	11 33 30.2 -0.5
NVAR	Mina Array Bea	90.38	52	P	P	11 35 26.5 +2.5
NVAR	Mina Array Bea	90.38	52	P	P	11 50 54.0 +0.7
NVAR	Mina Array Bea	90.38	52	P	P	11 59 06.0 -0.1
NVAR	Mina Array Bea	90.38	52	P	P	11 33 30.4 -0.3
CCCA	Chr Cany lake	90.88	55	P	P	11 35 33.0
GRAC	Grapevine Rang	91.00	53	Iamb	Iamb	11 35 35.9
DDP	Dos Picos Cty	91.02	57	P	P	11 35 29.7
C36M	Paulatuk	91.05	21	Iamb	Iamb	11 35 28.1
C36M	Paulatuk	91.05	21	P	P	11 33 31.9 -0.8
C36M	Paulatuk	91.05	21	S	S	11 43 48.2 -0.2
BAR	Barfoot	91.22	57	Iamb	Iamb	11 35 30.7
E09A	Wood Farm, 1St	91.24	44	Iamb	Iamb	11 35 29.2
GSC	Goldstone, Bar	91.31	55	Iamb	Iamb	11 35 30.7
DNR	Dunn Ranch, Anz	91.32	57	Iamb	Iamb	11 35 30.4
FURC	Furnace Creek,	91.36	54	Iamb	Iamb	11 33 34.2
PFO	Pinyon Flats O	91.47	57	P	P	11 33 36.1 +0.4
PFO	Pinyon Flats O	91.47	57	iP	iP	11 33 36.1 +0.4
BORC	Borrego Spring	91.48	57	Iamb	Iamb	11 35 31.8
GWY	Greenwater Val	91.49	54	Iamb	Iamb	11 35 33.6
PMD	Palm Desert	91.54	57	Iamb	Iamb	11 35 31.9
BMO	Blue Mountains	91.69	45	Iamb	Iamb	11 35 31.3
TPNV	Topopah Spring	91.89	53	Iamb	Iamb	11 35 36.4
NEW	Newport	92.08	42	Iamb	Iamb	11 35 32.9
BC3	Big Chuckawall	92.31	57	Iamb	Iamb	11 35 36.0
IRM	Iron Mountain	92.60	56	Iamb	Iamb	11 35 37.8
ELK	Elko	92.92	50	Iamb	Iamb	11 35 37.9
V12A	Nelson	92.93	55	Iamb	Iamb	11 35 38.5
BLD	Blythe	93.09	57	Iamb	Iamb	11 35 39.4
HLYC	Hailey	93.68	47	Iamb	Iamb	11 35 41.3
W13A	Hualapai Mount	93.69	55	Iamb	Iamb	11 35 42.2
PSUT	Pine Spring	93.87	52	Iamb	Iamb	11 35 43.5
YKA	Yellowknife Ar	94.28	28	P	P	11 33 47.1 -0.4
YKA	Yellowknife Ar	94.28	28	P	P	11 35 34.5 -0.6
YKA	Yellowknife Ar	94.28	28	P	P	11 38 27.8 -0.3
YKA	Yellowknife Ar	94.28	28	P	P	11 50 45.0 -1.8
YKAW	Yellowknife Wh	94.28	28	Iamb	Iamb	11 35 42.6
LCMT	Little Creek M	94.29	53	Iamb	Iamb	11 35 44.8
YKAW	Yellowknife Wh	94.30	28	Iamb	Iamb	11 35 42.9
Y14A	Wienburg	94.36	56	Iamb	Iamb	11 35 45.2
SZCU	Shurtz Canyon	94.44	53	Iamb	Iamb	11 35 46.3
SYO	Syowa Base	94.61	199	iP	iP	11 33 48.0 -1.1
SYO	Syowa Base	94.61	199	iP	iP	11 33 53.7 +4.6
DUG	Dugway, Tooele	94.75	50	Iamb	Iamb	11 35 47.4
HVA	Hanse Valley	94.82	49	Iamb	Iamb	11 35 47.5
U15A	North Rim	95.04	54	Iamb	Iamb	11 35 48.7
DLMT	Dillon	95.04	45	Iamb	Iamb	11 35 49.1
HWUT	Hardy Ranch	95.72	49	Iamb	Iamb	11 35 51.2
BOZ	Bozeman (W)	95.72	45	Iamb	Iamb	11 35 52.4
E6R	Eagle Creek	95.89	47	Iamb	Iamb	11 35 52.4
Q16A	Castle Valley	95.98	51	Iamb	Iamb	11 35 54.3

YHL	Hebgen Lake	96.03	46	Iamb	Iamb	11 35 53.6
AHID	Auburn Hatcher	96.08	48	Iamb	Iamb	11 35 52.9
AB31	Akbulak array	96.47	319	iP	P	11 33 55.3 -2.6
ABKAR	Akbulak array	96.47	319	P	P	11 33 55.5 -2.4
WBK	Wadi Bani Khal	96.99	392	P	P	11 34 03.4 +2.5
ARTI	Arti	97.20	326	P	P	11 33 59.9 -1.1
ARTI	Arti	97.20	326	P	P	11 50 40.6 +0.1
ARTI	Arti	97.20	326	P	P	11 34 00.9 -0.1
ARTI	Arti	97.20	326	P	P	11 34 04.9
ARTI	Arti	97.20	326	iP	iP	11 34 00.5 -0.5
ARTI	Arti	97.20	326	iP	iP	11 35 48.7 0.0
ARTI	Arti	97.20	326	P	P	11 38 05.3
ARTI	Arti	97.20	326	S	S	11 43 48.8 -2.4
ARTI	Arti	97.20	326	P	P	11 46 05.0 -2.2
PDAR	Pinedale Array	97.22	48	P	P	11 34 00.4 -1.4
PDAR	Pinedale					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ERTU, HEF, HUN, KUA, RNF, TOF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JYNG, YOJ, YON, YOS, EOS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHKT, CHKH, CHKH, ECBN, FULB, etc.

STR 07:12:31:56.4±1.4, 43°N, 7°E, h0km, ML2.5/18, LOCSAT

ROM 07:12:31:57.0±0.4, 42.98°N, 0.02±0.66E, 0.04, h0km, ML2.2/16, Error ellipse: s-maj=3.6km s-min=1.8km

ISC 07:12:31:56.6±1.2, 43.03°N, 0.06±0.32E, 0.04, h0km, n43, 0.49/45, Near south coast of France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARTF, CALF, ARBF, SALSA, etc.

NNC 07:13:02:02.5±0.5, 49.98°N, 78.74°E, h0km, mb2.8, mvp1.9, Error ellipse: s-maj=12.6km s-min=2.6km az=77.0, Suspected Mining explosion.

IDC 07:13:02:04.0±1.4, 50.03°N, 78.72°E, h0km, mbtmp2/2, ML1.7/2, Error ellipse: s-maj=18.9km s-min=8.0km

ISC 07:13:02:02.8±2.1, 50.02°N, 0.08±0.75E, 0.3, h0km, n15, 0.896/24, 10C-12D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUR07, KUR06, KUR14, etc.

IDC 07:13:10:53.2±5.2, 2.91°N, 126.12°E, h0km, mb3.7/3, mbtmp3.8/3, Error ellipse: s-maj=213.0km s-min=81.6km az=71.0, Northern Molucca Sea

WRA Warramunga Arr 24.10 161 P Op ISC h m s ISC 1.2m, 0.5s, bsz=340, slow=10.0, SNR=14

ASAR Asie Springs 27.48 164 P 1.2m, 0.5s, bsz=346, slow=8.9, SNR=9.7

STKA Stephens Creek 37.59 158 P 2.1m, 0.7s, bsz=342, slow=16, SNR=2.9

MAN 07:13:12:06.0±6.87N, 125.07°E, h28km, MS2.2, Mindanao

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

IDC 07:13:13:49.9±3.9, 16.57°N, 94.70°E, h0km, mb3.3/2, mbtmp3.3/3, ML3.8/1, MS3.6/1, Error ellipse: s-maj=70.2km s-min=37.9km az=118.0, Near south coast of Myanmar

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

TAP 07:12:38:32.2, 24.46°N, 122.69°E, h88km, 1km, ML2.7, C

JMA 07:13:10:07.8, 22.67°N, 122.74°E, h64km, 1km, ML2.7, D

ISC 07:13:10:04.0±1.4, 22.72°N, 0.03±0.22E, 0.05, h18km, 7km, n64, 0.995/10, Taiwan region

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

JMA 07:13:10:06.9±0.5, 23°N, 123°E, h52km, MV2.4/10, FAR S OFF ISHIGAKIJIMA

TAP 07:13:10:07.8, 22.67°N, 122.74°E, h64km, 1km, ML2.7, D

ISC 07:13:10:04.0±1.4, 22.72°N, 0.03±0.22E, 0.05, h18km, 7km, n64, 0.995/10, Taiwan region

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

DNK 07:13:11:06.4±2.0, 57.62°N, 31.88°E, h0km, ML2.9, 13.5(U), Suspected explosion

EST 07:13:10:58.0±0.2, 57.71°N, 21.40°E, h0km, ML2.0(H,EL), Explosion

HLL 07:13:11:08.2±0.7, 57.69°N, 21.20°E, h0km, ML2.2, Explosion

VEL 07:13:11:10.4±1.2, 57.78°N, 21.36°E, h0km, ML2.5, Presumed earthquake

N14K	Kuskokwak Cree	47.97	35	P	P	14 25 48.0	+0.8
M14K	Bethel	48.02	33	P	P	14 25 48.8	+1.2
O14K	Tiguyukivut M	48.04	36	P	P	14 25 49.3	+1.5
MK31	Makanchi Array	48.14	308c	P	P	14 25 48.5	-0.4
MKAR	Makanchi Array	48.14	308c	P	P	14 25 48.5	-0.4
MKAR	comp=Z,1.9nm,0.7s,baz=91,slow=9.3,SNR=17			PcP	PcP	14 27 15.5	-0.2
MKAR	comp=Z,0.2nm,0.4s,baz=89,slow=4.1,SNR=2.0			ScP	ScP	14 31 05.1	-1.0
MKAR	Makanchi Array	48.14	308	P	P	14 25 47.3	-1.6
MKAR	Makanchi Array	48.14	308c	P	P	14 25 53.2	+4.3
MKAR	comp=Z,1.0nm,0.6s			pmax	pmax		
CHNA	Chernabura Isl	48.28	42	P	P	14 25 51.1	+1.4
G15K	Niuklu	48.29	28	P	P	14 25 51.4	+1.7
F15K	North Star Dit	48.29	27	P	P	14 25 50.0	+0.3
F15K	North Star Dit	48.29	27	P	P	14 25 51.0	+1.3
L15K	Ungalak Mounta	48.46	32	P	P	14 25 52.3	+1.3
S14K	Fog Glacier	48.47	40	P	P	14 25 52.6	+1.4
K15K	Wolf Creek Mou	48.59	32	P	P	14 25 53.4	+1.4
M15K	Kasigluk River	48.62	34	P	P	14 25 53.5	+1.2
O15K	Ungalithiuk R	48.75	36	P	P	14 25 54.2	+0.9
N15K	Kwethluk River	48.80	34	P	P	14 25 55.2	+1.5
H16K	Elim	48.91	28	P	P	14 25 55.9	+1.4
C16K	Lisburne Hills	48.99	23	P	P	14 25 56.1	+1.1
C16K	Lisburne Hills	48.99	23	P	P	14 25 56.0	+1.0
G16K	Koyuk River	49.09	27	P	P	14 25 57.8	+2.0
CHGN	Chignik	49.10	40	P	P	14 25 57.4	+1.4
J16K	Anvik River	49.25	30	P	P	14 25 58.5	+1.5
I17K	Unalakleet	49.36	30	P	P	14 25 59.1	+1.3
L16K	Owhat River	49.40	33	P	P	14 25 59.6	+1.4
N16K	Nishlik Lake	49.50	34	P	P	14 26 00.7	+1.6
M16K	Timber Creek	49.51	34	P	P	14 26 00.1	+1.0
D17K	Noatak River	49.57	24	P	P	14 26 00.8	+1.4
P16K	Nushagak River	49.66	36	P	P	14 26 01.9	+1.7
NR1K	Noril'sk	49.67	338	LR	LR	14 46 59.7	
NR1K	Noril'sk	49.67	338	eP	eP	14 26 00.0	-0.1
O16K	Kokwok River B	49.70	35	P	P	14 26 01.6	+1.1
G17K	Kiwalik Mounta	49.81	28	P	P	14 26 02.2	+0.9
C17K	DeLong Mountai	49.81	23	P	P	14 26 02.5	+1.2
E17K	Hotham Inlet	49.82	25	P	P	14 26 02.9	+1.6
F17K	Baldwin Pennin	49.84	26	P	P	14 26 03.2	+1.7
J17K	VAMBI Dome	49.94	30	IAMB	IAMB	14 26 05.2	
J17K	VAMBI Dome	49.94	30	P	P	14 26 03.7	+1.4
H17K	Granite Mounta	49.95	28	P	P	14 26 04.0	+1.6
WB0	Warramunga Arr	50.02	189	P	P	14 26 02.1	-1.2
CTA	Charters Tower	50.08	174	P	P	14 26 02.4	-1.5
CTA	Charters Tower	50.08	174	eP	eP	14 26 02.3	-1.5
K17K	Iditarod	50.14	31	P	P	14 26 05.4	+1.6
WRAB	Tennant Creek	50.18	189	eP	eP	14 26 03.7	-0.9
WRB	Warramunga Arr	50.19	189	IAMB	IAMB	14 26 03.5	-1.2
WRB	Warramunga Arr	50.19	189	P	P	14 26 05.6	
WRA	Warramunga Arr	50.20	189	P	P	14 26 04.0	-0.7
WRA	Warramunga Arr	50.20	189	P	P	14 26 03.8	-0.9
O17K	Koliganek Bris	50.22	35	P	P	14 26 05.8	+1.3
F17K	Fitzroy Crossi	50.25	200	P	P	14 26 03.4	-1.8
N17K	Nushagak Hills	50.29	34	P	P	14 26 06.3	+1.3
M17K	Holitna River	50.30	33	P	P	14 26 07.0	+1.9
R17L	Mt. Peulik Vol	50.35	38	P	P	14 26 06.5	+1.0
E18K	Tukphearik C	50.38	25	P	P	14 26 07.0	+1.4
KURK	Kurchatov	50.49	313	P	P	14 26 05.6	-1.1
KURK	Kurchatov	50.49	313	IAMB	IAMB	14 26 07.2	
KURK	Kurchatov	50.49	313	IAMB	IAMB	14 26 06.4	-0.3
F18K	Selawik	50.50	26	P	P	14 26 07.8	+1.3
KURBB	Kurchatov Arra	50.55	313	P	P	14 26 07.2	+0.1
KURBB	Kurchatov Arra	50.55	313	P	P	14 26 07.2	+0.1
KURBB	comp=Z,0.6nm,0.6s,baz=94,slow=5.6,SNR=1.6			PcP	PcP	14 27 23.2	-1.1
C18K	Utukok River	50.56	24	P	P	14 26 07.9	+0.9
H18K	Honhosa River	50.65	28	P	P	14 26 08.8	+1.1
G18K	Tagagawik	50.71	27	P	P	14 26 09.5	+1.4
G18K	Tagagawik	50.71	27	IAMB	IAMB	14 26 10.4	
G18K	Tagagawik	50.71	27	P	P	14 26 09.1	+1.0
L18K	Granite Mounta	50.79	32	P	P	14 26 09.9	+1.2
N18K	Klatae Creek	50.94	34	P	P	14 26 11.2	+1.2
M18K	Stony River	51.08	33	P	P	14 26 12.0	+1.1
P18K	Big Mountain,	51.12	36	P	P	14 26 11.6	+0.3
A19K	Wainwright	51.13	22	P	P	14 26 11.3	+0.2
O18K	Koktuh Hills	51.18	35	P	P	14 26 12.6	+0.9
C19K	Lookout Ridge	51.26	23	P	P	14 26 13.2	+1.0
F19K	Shalerucik Mo	51.28	26	P	P	14 26 13.0	+0.6
G19K	Purcell Mounta	51.39	27	P	P	14 26 13.7	+0.6
H19K	Roundabout Mou	51.51	28	P	P	14 26 14.7	+0.7
H19K	Roundabout Mou	51.51	28	IAMB	IAMB	14 26 16.2	
H19K	Roundabout Mou	51.51	28	P	P	14 26 15.0	+0.9
J19K	Poorman	51.57	30	P	P	14 26 15.6	+1.1
D19K	Kuna River	51.59	24	P	P	14 26 15.8	+1.1
L19K	White Mountain	51.63	32	P	P	14 26 16.4	+1.2
N19K	Bonanza Creek	51.64	34	P	P	14 26 16.4	+1.1
E19K	Redstone River	51.64	26	P	P	14 26 16.2	+1.1
E19K	Redstone River	51.64	26	IAMB	IAMB	14 26 17.4	
E19K	Redstone River	51.64	26	P	P	14 26 16.2	+1.1
O19K	Port Alsworth	51.66	35	P	P	14 26 15.8	+0.6
Q19K	Cap Douglas,	51.89	37	P	P	14 26 17.8	+0.7
OHAK	Old Harbor	51.98	39	P	P	14 26 18.5	+0.8
F20K	Avartak Lake	52.12	26	P	P	14 26 19.5	+0.9
H20K	Arnotleegga Mo	52.15	28	P	P	14 26 19.6	+0.7
K20K	Telida	52.15	31	P	P	14 26 19.8	+0.8
D20K	Etiyuk River	52.18	24	P	P	14 26 19.4	+0.4
D20K	Etiyuk River	52.18	24	IAMB	IAMB	14 26 21.3	
D20K	Etiyuk River	52.18	24	P	P	14 26 19.8	+0.7
I20K	Naaghedeneel	52.19	29	P	P	14 26 20.1	+0.9
E20K	Nigu River	52.22	25	P	P	14 26 20.3	+0.9
J20K	Nowinta River	52.24	30	P	P	14 26 20.8	+1.3
B20K	Meade River	52.34	22	IAMB	IAMB	14 26 22.4	
B20K	Meade River	52.34	22	P	P	14 26 21.2	+1.0
KDAK	Kodiak Island	52.39	38	P	P	14 26 21.6	+0.9
M20K	Styx River	52.41	33	P	P	14 26 21.6	+0.7
O20K	Slope Mountain	52.49	35	P	P	14 26 22.6	+1.0
A21K	Barrow	52.88	21	P	P	14 26 25.6	+1.5
G21K	Allakaket	52.88	27	P	P	14 26 25.7	+1.4
C21K	Knifblajade Rid	52.93	24	P	P	14 26 25.5	+0.9
PPLA	Putkeypile	52.95	32	P	P	14 26 27.7	+0.8
CHUM	Lake Minchumin	53.00	30	P	P	14 26 26.7	+1.5
F21K	Alatna River	53.01	26	P	P	14 26 26.8	+1.5
H21K	Melozitna Rive	53.02	28	IAMB	IAMB	14 26 28.1	
H21K	Melozitna Rive	53.02	28	P	P	14 26 26.0	+0.6
E21K	Kilikli River	53.06	25	P	P	14 26 26.4	+0.8
B21K	Ikpiuk River	53.09	23	IAMB	IAMB	14 26 28.2	
B21K	Ikpiuk River	53.09	23	P	P	14 26 27.2	+1.5
SKT	Skwentna	53.17	33	P	P	14 26 27.1	+0.6
CAPN	Captain Cook N	53.27	34	P	P	14 26 27.7	+0.6
A22K	Sinclair Lake	53.31	21	P	P	14 26 27.9	+0.6
BRSE	Grayley Lake S	53.42	36	P	P	14 26 28.5	+0.1
F22K	John River	53.56	26	P	P	14 26 29.7	+0.5
L22K	Petersville	53.56	32	IAMB	IAMB	14 26 32.2	
L22K	Petersville	53.56	32	P	P	14 26 28.9	-0.5
BPAW	Bear Paw Mtn.	53.60	30	P	P	14 26 29.4	-0.2
H22K	Ishlitalina Cre	53.64	28	IAMB	IAMB	14 26 32.9	
H22K	Ishlitalina Cre	53.64	28	P	P	14 26 30.7	+0.8
B22K	Teshekuk Lake	53.66	22	P	P	14 26 30.5	+0.6
G22K	Bettles	53.73	27	P	P	14 26 31.3	+0.9
E22K	Anaktuvuk Pass	53.80	25	P	P	14 26 32.0	+1.0
MLY	Manley	53.80	29	P	P	14 26 31.9	+0.8
TRF	Theofare Moun	53.85	31	P	P	14 26 31.9	+0.2
ASAR	Alice Springs	53.92	189	P	P	14 26 32.4	0.0
ASAR	Alice Springs	53.92	189	P	P	14 26 31.4	-0.9
RC01	Rabbit Creek A	53.97	34	P	P	14 26 33.0	+0.6
SEW	Seward	54.08	35	P	P	14 26 33.7	+0.6
G23K	Bananza Creek	54.28	27	P	P	14 26 34.4	-0.2
G23K	Bananza Creek	54.28	27	P	P	14 26 35.5	+0.9
D23K	Nanushuk River	54.34	24	IAMB	IAMB	14 26 37.8	
D23K	Nanushuk River	54.34	24	P	P	14 26 35.7	+0.8
H23K	Yukon River	54.38	28	P	P	14 26 36.0	+0.7
I23K	Minto, Yukon-K	54.40	29	P	P	14 26 36.1	+0.7
NEA2	Nenana	54.48	30	P	P	14 26 36.9	+0.9
MCK	McKinley	54.48	31	P	P	14 26 37.3	+1.3
C23K	Ikilikli River	54.50	23	IAMB	IAMB	14 26 38.4	
C23K	Ikilikli River	54.50	23	P	P	14 26 37.0	+0.9
KNK	Knik Glacier	54.60	34	P	P	14 26 37.2	+0.2
E23K	Chandalar	54.60	25	P	P	14 26 37.6	+0.6
WAT1	Susitna Watana	54.60	32	P	P	14 26 37.3	+0.4
SML	Sawmill	54.67	33	P	P	14 26 38.3	+0.8
TOLK	Toolik Lake Re	54.69	25	P	P	14 26 38.7	+1.1
M2							

7d 15h

Table with columns: ARTI, S, S, 14 35 46.8 -0.1, 14 39 44.9 -4.0, etc. Includes stations like R32K, N32M, P32M, S32K, AB31, Q32M, U33K, CRAG, R33M, WRAK, S34M, C36M, YKA, ARCES, OBN, FINES, NEW, KBZ, NVAR, AKASG, ELK, HFS, NOA, PDAR, RAYN, BRTR, MMAL, TXAR, GSPA, LPAZ, PLCA, etc.

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Table with columns: MUGZ, MTHZ, NMHZ, MSVF, ASAR, WRA, QSPA, H03S2, H03S1, H03S3, H03N3, H03N2, H03N1, FINES, NOA, HFS, MMAI, AKASG, etc. Includes various station codes and their associated data.

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Table with columns: OHR, OHR, OHR, OHR, TIR, TIR, TIR, SKO, SKO, SDA, SDA, SDA, KBN, KBN, ULC, ULC, DRME, DRME, NEST, NEST, NEST, PDG, PDG, BUM, BUM, BUM, KOME, KOME, CEME, CEME, BARS, BARS, VAY, VAY, VAY, VAY, NKME, NKME, NKME, SELS, SELS, SELS, SJS, SJS, SJS, SRR, SRR, SRR, TRB, TRB, BRY, BRY, IVAS, IVAS, IGT, IGT, IGT, RUDO, RUDO, IGT, BLBK, etc.

KDAD	Kodiak Island	75.70	27	P	P	15 28 11.6 +0.2
O18K	Koktuh Hills	75.73	24	P	P	15 28 12.0 +0.3
M17K	Holitna River	75.78	22	P	P	15 28 13.2 +1.4
J16K	Anvik River	75.85	20	Iamb	Iamb	15 28 15.1
J16K	Anvik River	75.85	20	P	P	15 28 13.4 +1.2
G15K	Niukuk	75.93	18	P	P	15 28 13.3 +0.6
N18K	Kilae Creek	75.95	23	Iamb	Iamb	15 28 15.3
N18K	Kilae Creek	75.95	23	P	P	15 28 13.7 +0.9
HYB	Hyderabad	76.07	289	eP	vBmB_BB	15 28 14.1 -0.3
HYB	Hyderabad					15 28 14.6
HYB				ePcP		15 28 26.0 -0.2
HYB				esP	sP	15 29 00.8 -0.3
I17K	Unalakleet	76.22	19	Iamb	Iamb	15 28 17.2
I17K	Unalakleet	76.22	19	P	P	15 28 15.7 +1.4
H16K	Elim	76.23	18	P	P	15 28 14.7 +0.3
F15K	North Star Dit	76.26	17	P	P	15 28 15.3 +0.8
K17K	Iditarod	76.29	21	Iamb	Iamb	15 28 17.2
K17K	Iditarod	76.29	21	P	P	15 28 15.7 +1.0
J17K	VAMBI Dome	76.45	20	Iamb	Iamb	15 28 18.3
J17K	VAMBI Dome	76.45	20	P	P	15 28 16.9 +1.3
M18K	Stony River	76.45	23	P	P	15 28 16.7 +1.0
L18K	Granite Mounta	76.57	22	Iamb	Iamb	15 28 18.9
L18K	Granite Mounta	76.57	22	P	P	15 28 17.5 +1.2
N19K	Bonanza Creek	76.58	24	P	P	15 28 17.0 +0.4
ILSW	Ilamna Southw	76.66	25	Iamb	Iamb	15 30 54.0
G16K	Koyuk River	76.72	18	Iamb	Iamb	15 28 19.4
G16K	Koyuk River	76.72	18	P	P	15 28 18.0 +1.0
HOM	Homer	77.12	26	P	P	15 28 20.2 +0.8
H17K	Granite Mounta	77.17	19	Iamb	Iamb	15 28 22.1
H17K	Granite Mounta	77.17	19	P	P	15 28 20.6 +0.9
TIXI	Tiksi	77.23	352	P	pP	15 28 19.0 -0.8
TIXI	Tiksi					15 28 51.1 -1.7
TIXI	Tiksi	77.23	352	ceP	pmax	15 28 18.7 -1.1
CNPM	China Pool	77.23	26	Iamb	Iamb	15 28 21.6
L19K	White Mountain	77.23	22	Iamb	Iamb	15 28 22.3
L19K	White Mountain	77.23	22	P	P	15 28 21.1 +1.1
M19K	Big River Lodg	77.25	23	P	P	15 28 21.1 +1.0
G17K	Kiwalik Mounta	77.32	18	P	P	15 28 21.5 +1.1
BRLK	Bradley Lake	77.50	26	Iamb	Iamb	15 28 24.3
BRSE	Bradley Lake S	77.56	26	P	P	15 28 22.2 +0.3
SPCR	Spurr Chakacha	77.72	24	P	P	15 28 23.2 +0.4
M20K	Styx River	77.73	23	Iamb	Iamb	15 28 23.9
M20K	Styx River	77.73	23	P	P	15 28 23.6 +0.7
F17K	Baldwin Pennin	77.77	17	Iamb	Iamb	15 28 25.2
F17K	Baldwin Pennin	77.77	17	P	P	15 28 23.8 +0.9
H18K	Honhosha River	77.82	19	P	P	15 28 23.4 +0.2
CAPN	Captain Cook N	77.92	25	P	P	15 28 23.9 +0.1
C16K	Lisburne Hills	77.94	15	P	P	15 28 24.4 +0.6
J19K	Poorman	78.03	21	Iamb	Iamb	15 28 26.7
J19K	Poorman	78.03	21	P	P	15 28 25.3 +0.9
E17K	Hotham Inlet	78.04	17	P	P	15 28 25.4 +1.1
GCSA	Galena City Sc	78.05	20	P	P	15 28 25.3 +0.8
D17K	Noatak River	78.12	16	P	P	15 28 25.8 +1.0
SLKM	Skliak Lake	78.18	25	Iamb	Iamb	15 28 26.5
G18K	Tagagawik	78.20	18	Iamb	Iamb	15 28 27.2
G18K	Tagagawik	78.20	18	P	P	15 28 25.8 +0.4
K20K	Telida	78.21	22	Iamb	Iamb	15 28 27.8
K20K	Telida	78.21	22	P	P	15 28 26.5 +1.0
ZSN	Zaisan	78.23	320	eP	pmax	15 28 26.7 +0.8
ZSN	Zaisan					15 28 26.7 +0.8
SEW	Seward	78.30	26	P	P	15 28 27.5 -0.2
F18K	Selawik	78.35	18	P	P	15 28 26.6 +0.5
SKT	Skwentik	78.42	24	P	P	15 28 25.5 -1.1
RDQG	Red Dog Mine	78.42	16	Iamb	Iamb	15 28 28.8
RDQG	Red Dog Mine	78.42	16	P	P	15 28 27.5 +1.0
E18K	Tukpahleark C	78.62	17	Iamb	Iamb	15 28 29.9
E18K	Tukpahleark C	78.62	17	P	P	15 28 28.4 +0.8
C17K	DeLong Mountai	78.64	15	P	P	15 28 28.6 +0.9
PPLA	Purkeypile	78.66	23	P	P	15 28 27.7 -0.4
J20K	Nowinta River	78.66	21	Iamb	Iamb	15 28 30.2
J20K	Nowinta River	78.66	21	P	P	15 28 29.1 +1.2
H19K	Roundabout Mou	78.68	19	P	P	15 28 27.9 0.0
H19K	Roundabout Mou					15 28 30.1
H19K	Roundabout Mou	78.68	19	P	pP	15 28 60.0 -1.1
H19K	Roundabout Mou					15 28 28.9 +0.9
RC01	Rabbit Creek A	78.68	25	P	P	15 28 28.1 +0.1
G19K	Purcell Mounta	78.85	19	Iamb	Iamb	15 28 31.2
G19K	Purcell Mounta	78.85	19	P	P	15 28 29.8 +0.9
I20K	Naaghedeneel	78.91	20	P	P	15 28 30.3 +1.1
L22K	Petersville	79.01	23	P	P	15 28 28.9 -1.0
F19K	Shalerucik Mo	79.08	18	Iamb	Iamb	15 28 31.0
F19K	Shalerucik Mo	79.08	18	P	P	15 28 30.4 +0.3
CUT	Chulitna	79.14	23	Iamb	Iamb	15 28 31.0
CUT	Chulitna	79.14	23	P	P	15 28 29.9 -0.6
CHUM	Lake Minchumin	79.16	22	P	P	15 28 30.9 +0.4
H20K	Anotleneega Mo	79.18	20	P	P	15 28 31.2 +0.5

PMR	Palmer	79.19	24	Iamb	Iamb	15 28 31.7
PMR	Palmer	79.19	24	P	P	15 28 30.7 -0.1
PMR	Palmer	79.19	24	P	P	15 28 30.6 -0.1
C18K	Utukok River	79.29	16	P	P	15 28 31.9 +0.6
GHO	Glory Hole Cre	79.36	24	Iamb	Iamb	15 28 33.0
KNK	Knik Glacier	79.38	25	Iamb	Iamb	15 28 33.4
KNK	Knik Glacier	79.38	25	P	P	15 28 31.8 -0.1
KTH	Kantitna Hill	79.50	22	Iamb	Iamb	15 28 33.0
SML	Sawmill	79.62	24	P	P	15 28 33.3 0.0
E19K	Redstone River	79.63	18	Iamb	Iamb	15 28 35.4
E19K	Redstone River	79.63	18	P	P	15 28 34.2 +1.1
TRF	Thorofare Moun	79.69	23	P	P	15 28 32.9 -0.8
MKAR	Makanchi Array	79.69	319	d/P		15 28 34.3 +0.4
MKAR	Makanchi Array	79.69	319	P	P	15 28 34.3 +0.4
MKAR	Makanchi Array	79.69	319	P	pP	15 29 09.0 0.0
MKAR	Makanchi Array	79.69	319	P	pP	15 28 33.5 -0.4
GLI	Glacier Island	79.70	26	Iamb	Iamb	15 28 34.9
GLI	Glacier Island	79.70	26	P	P	15 28 33.9 +0.3
BPWA	Bear Paw Mtn.	79.77	22	P	P	15 28 33.5 -0.4
F20K	Avarart Lake	79.84	18	P	P	15 28 35.3 +1.1
IMAR	Indian Mountai	79.85	20	P	pP	15 28 34.0 -0.3
IMAR	Indian Mountai	79.85	20	P	pP	15 28 06.3 -1.2
IMAR	Indian Mountai	79.85	20	P	pP	15 28 34.5 -0.1
MAKZ	Makanchi	79.90	319	P	P	15 28 33.8 -1.2
MAKZ	Makanchi	79.90	319	Iamb	Iamb	15 28 36.9
MAKZ	Makanchi	79.90	319	P	pP	15 29 08.7 +0.8
MAKZ	Makanchi	79.90	319	P	pP	15 28 33.8 -1.2
MAKZ	Makanchi	79.90	319	P	pP	15 29 08.7 +0.8
MAKZ	Makanchi	79.90	319	P	pP	15 28 35.5 +0.4
MAKZ	Makanchi	79.90	319	P	pP	15 29 10.6 +0.5
H21K	Melozitna Rive	79.98	20	P	pwP	15 28 35.7 +0.7
C19K	Lookout Ridge	80.03	16	Iamb	Iamb	15 28 37.6
C19K	Lookout Ridge	80.03	16	P	P	15 28 36.3 +1.0
D19K	Kuna River	80.04	16	Iamb	Iamb	15 28 37.2
D19K	Kuna River	80.04	16	P	P	15 28 36.1 +0.8
WAT1	Susitna Watana	80.05	24	P	P	15 28 35.2 -0.3
SCM	Sheep Creek Mo	80.05	25	Iamb	Iamb	15 28 37.1
SCM	Sheep Creek Mo	80.05	25	P	P	15 28 35.8 +0.2
EYAK	Cordova Ski Ar	80.13	26	P	P	15 28 36.1 +0.2
RND	Reindeer	80.22	23	Iamb	Iamb	15 28 37.0
G21K	Allakaket	80.24	19	P	P	15 28 36.9 +0.5
WAT6	Susitna Watana	80.25	24	P	P	15 28 36.4 -0.4
MCK	McKinley	80.35	23	P	P	15 28 36.4 -0.6
MLY	Manley	80.36	21	Iamb	Iamb	15 28 38.5
MLY	Manley	80.36	21	P	P	15 28 37.3 +0.2
BWN	Brown	80.37	22	Iamb	Iamb	15 28 38.3
A19K	Wainwright	80.39	14	P	P	15 28 37.9 +0.8
E20K	Nig	80.44	17	P	P	15 28 38.3 +0.8
KLU	Klutina	80.49	25	Iamb	Iamb	15 28 39.7
KLU	Klutina	80.49	25	P	P	15 28 38.4 +0.5
ZALV	Zalesovo Beam	80.49	326	P	P	15 28 37.1 -0.9
ZALV	Zalesovo Beam	80.49	326	pP	pP	15 29 12.5 +1.6
ZALV	Zalesovo Beam	80.49	326	P	pP	15 28 36.5 -1.5
ZALV	Zalesovo Beam	80.49	326	P	pP	15 29 09.8 -1.1
H22K	Ishtalitna Cre	80.60	20	P	P	15 28 38.9 +0.5
D20K	Etiyuk River	80.60	17	Iamb	Iamb	15 28 40.3
D20K	Etiyuk River	80.60	17	P	P	15 28 39.0 +0.7
SHLS	Shalkode	80.62	315	d/P	P	15 28 38.0 -1.1
SHLS	Shalkode	80.62	315	d/P	P	15 28 38.0 -1.1
DHY	Denali Highway	80.63	24	P	P	15 28 38.8 0.0
F21K	Alatina River	80.65	19	P	P	15 28 39.2 +0.6
M24K	Tolsona, Glenn	80.66	25	Iamb	Iamb	15 28 40.8
M24K	Tolsona, Glenn	80.66	25	P	P	15 28 39.1 +0.3
NEA2	Nenana	80.74	22	Iamb	Iamb	15 28 39.6
NEA2	Nenana	80.74	22	P	P	15 28 38.1 -1.0
BMRM	Bremner River	80.82	26	Iamb	Iamb	15 28 41.3
BMRM	Bremner River	80.82	26	P	P	15 28 40.0 +0.3
I23K	Minto, Yukon-K	80.92	21	P	P	15 28 40.8 +0.8
UZB	Uzynbulak	80.93	315	d/P	P	15 28 41.2 +0.5
UZB	Uzynbulak	80.93	315	d/P	P	15 28 41.3 +0.5
BERG	Berg Lake	80.97	27	Iamb	Iamb	15 28 42.3
G22K	Bettles	81.12	19	P	P	15 28 41.6 +0.6
H23K	Yukon River	81.20	21	Iamb	Iamb	15 28 43.4
H23K	Yukon River	81.20	21	P	P	15 28 41.8 +0.2
PRZ	Przheval'sk	81.21	314	P	P	15 28 42.6 +0.3
PRZ	Przheval'sk	81.21	314	P	pmax	15 28 42.6 +0.3
E21K	Killik River	81.21	17	Iamb	Iamb	15 28 43.6
E21K	Killik River	81.21	17	P	P	15 28 42.0 +0.4
HARP	HAARP	81.22	25	P	P	15 28 42.1 +0.4
F22K	John River	81.23	19	P	P	15 28 42.4 +0.7
CCB	Clear Creek Bu	81.24	22	Iamb	Iamb	15 28 42.0
KPKS	Kokpek	81.25	315	eP	P	15 28 43.0 +0.6
KPKS	Kokpek	81.25	315	eP	P	15 28 43.0 +0.6
B20K	Miesia River	81.27	16	P	P	15 28 42.3 +0.5
COLA	College	81.33	22	P	P	15 28 41.0 -1.2
COLA	College	81.33	22	d/P	pmax	15 28 41.3 -0.9
COLA	College	81.33	22	P	pmax	15 28 41.6 -0.6
SATY	Saty	81.34	314	d/P	P	15 28 43.4 +0.5
SATY	Saty	81.34	314	d/P	P	15 28 43.5 +0.5
PATX	Paxon	81.35	24	P	P	15 28 42.4 -0.1
GLB	Gilahina Butte	81.37	26	Iamb	Iamb	15 28 44.2
CRQM	Cirque	81.38	27	Iamb	Iamb	15 28 44.5

CRQE	Cirque	81.40	27	P	P	15 28 43.2 +0.4
C21K	Knieblade Rid	81.40	17	P	P	15 28 43.3 +0.8
VRDI	Verde Repeater	81.44	26	Iamb	Iamb	15 28 44.6
HDA	Harding Lake	81.44	22	P	P	15 28 41.9 -0.9
G23K	Bananza Creek	81.50	20	P	P	15 28 43.8 +0.6
TGL	Tana Glacier	81.52	27	Iamb	Iamb	15 28 45.0
POKR	Pokier Res	81.61	22	P	P	

7d 15h

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include stations like O29M Mount Kennedy, I26K Coal Creek Min, etc.

2020 MAY

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include stations like F28M Old Crow, MAYO Mayo, Yukon, etc.

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Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include stations like WIFE Three Sisters, HOOD Mount Hood, I05D Terrell OR, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like TROLL, TXAR, KLMMR, etc.

Table with columns: Station Name, Frequency, Mode, and other parameters. Includes stations like CONA, J59A, CKRC, etc.

Table with columns: Code, Station Name, Frequency, Mode, and other parameters. Includes stations like DBIC, DMBK, etc.

7d 15h

2020 MAY

Table with columns: ISP, Location, Time, Status, and other details. Includes entries like ISPARTA, BALIKESIR, MATIAS, etc.

Table with columns: KIV, Location, Time, Status, and other details. Includes entries like KIV, KIV, KIV, etc.

Table with columns: PABE, Location, Time, Status, and other details. Includes entries like PABE, BHOU, BTNL, etc.

7d 16h

Table with columns: STJE, JUAM, PAVA, PAVA, COEG, COEG, MTO3, MTO3, SCLA, SCLA, ESQI, ESQI. Includes station names and coordinates.

DJA 07 16:32:30.5, 1.2, 6.1N:10.12*4E, h10km, M4.3, mB4.8/4, mb4.6/6, MLV4.3/9, Mw(mB)4.1/4

MAN 07 16:32:30.0, 6.35N:124.31E, h9km, MS3.4

ISC 07 16:32:29.6, 1.7, 6.40N:0.05:124.33E:0.04, h2km:13km, m17, r:158/29, MlndAAZ

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KCP, DMPH, DDMP, etc.

VAO 07 16:35:59.3, 0.7, 22.79S:67.94W, h119km, 5km, mb5.1, Presumed earthquake

SJA 07 16:35:59.4, 0.7, 22.89S:68.25W, h129km, 4km, ML4.6, MW4.4

NEIC 07 16:35:59.2, 0.2, 22.89S:0.05:68.14W:0.09, h123km, 5km, mb4.7/114, Mw4.6(GUC), Error ellipse: s-maj=11.5km

GUC 07 16:35:59.0, 0.6, 22.86S:68.22W, h139km, 5km, ML4.6, IDC 07 16:36:01.0, 0.6, 22.79S:67.98W, h135km, 4km, mb4.3/15, mbmp4.6/19, MS3.5/5, Error ellipse: s-maj=15.0km

S-prim=10.1km az=70.3, ISC 07 16:35:59.1, 0.4, 22.91S:0.03:68.17W:0.03, h127km, 3km, h125km:pp-P, n283, r1570/282, mb4.7/62, 8C-4D, Northern Chile

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like AF01, PB06, PB09, etc.

2020 MAY

Main table of seismic event data with columns: TA01, TA01, TA01, TA01, etc. Includes event names like Diego Aracena, Diego Aracena, SLA, etc.

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Main table of seismic event data with columns: GO07, PARB, MACA, MACA, etc. Includes event names like Milladeo Hill, Parabucaba, Macanapur-AM, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like LOHW Long Hollow, ULM Lac du Bonnet, ULM comp=Z, 1.1nm, 0.6s, baz=152, slow=38, etc.

IDC 07 16:38:31.62, 7.15, 09N: 118.63E, h0km, mb3.6/2, mbmp3.5/4, ML3.9/2, MS3.2/2, Error ellipse: s-maj=80.3km s-min=25.8km az=23.0
MAN 07 16:38:32.0, 15.87N: 119.11E, h06km, MS3.4
ISC 07 16:38:29.3, 1.1, 15.85N: 0.06, 119.26E: 0.08, h0km, n12, r158/18, Luzon

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PIP Pasuquin, PACPP Palmpina Gagay, PALP Palanan, etc.

IDC 07 16:48:11.0, 1.0, 37.81N: 142.35E, h0km, mb3.9/14, mbmp3.9/20, ML3.1/6, MS3.0/5, Error ellipse: s-maj=22.7km s-min=16.1km az=85.0
NEIC 07 16:48:14.4, 1.9, 37.73N: 0.05, 142.4E: 0.1, h23km, 6km, mb4.1/24, Error ellipse: s-maj=13.1km s-min=7.6km az=104.0
NIED 07 16:48:16.2, 37.82N: 142.05E, h36km, MW3.8, Moment Tensor Solution. s3 Moment tensor: Scale 10^14N; M1: 1.00; M2: 1.04; M3: 0.42; M4: 0.58; M5: 0.51; M6: 6.17; Fault plane solution: M6: 4.1000x10^14 NP1: 0.222, 0.00000, 0.810, 0.00000, -0.4, 0.00000. NP2: 0.354, 0.00000, 0.883, 0.00000, -0.97, 0.00000.
JMA 07 16:48:16.2, 0.2, 37.8N: 0.5, 142.2E: 1, h36km, 2km, MV3.9/40, SE OFF MIYAGI PREF
ISC 07 16:48:15.5, 0.6, 37.77N: 0.04, 142.12E: 0.06, h30km, n81, r125/73, mb4.1/23, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JIKH Ishinomakikobu, JIKH Ouri, JIMM Minamisoumatoc, etc.

IDC 07 17:10:02.9 1.7, 30.19Sx176.67W, h0km, mb3.8/3, mbmp3.8/4, ML3.2/1, Error ellipse: s-maj=35.0km s-min=22.2km az=67.0 NEIC 07 17:03:06.1 4, 30.1S; 0.1x176.5W; 0.1, h10km, 1km, mb4.3/5, Error ellipse: s-maj=25.0km s-min=12.5km az=221.0

ISC 07 17:06:04.1 5, 30.17S; 0.09x176.7W; 0.1, h24km, n14, #12716, mb4.0/4, Kermaida Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include RAO Raoul Island, RAO Alice Springs, RAO Warramunga Arr, RAO Warramunga Arr, WRA Warramunga Arr, WBO Warramunga Arr, GSPA South Pole Qui, QSPA South Pole Qui, FIA1 FINESS Array B, FINES FINESS Array B.

IDC 07 17:20:52.7 4.00, 0.6734N-39.90E, h0km, Error ellipse: s-maj=155.1km s-min=139.2km az=70.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include I37NO I37NO, I43RU DUBNA INFRASOUND, I43KZ AKTYUBINSK INF.

IDC 07 17:28:38.3 3.7, 47.47N; 92.73W, h0km, mbmp2.6/2, ML1.0/1, Error ellipse: s-maj=79.5km s-min=26.5km az=54.0 OTT 07 17:28:40.9 0.1, 47.55N; 92.65W, h0km, MN2.5/8, Blast, Minnesota, U.S. 130km southeast from Fort Frances, On Mining explosion.

ISC 07 17:28:39.3 1.9, 47.6N; 0.1x92.67W; 0.06, h0km, n11, #098/19, Minnesota

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include ATKO Atikokan Iron, EPO Experimental L, TBO Thunder Bay, SOLO Sioux Lookout, ULM Lac du Bonnet, ULM Lac du Bonnet, ULM Lac du Bonnet, HIOCA LAC DU BONNET, PKLO Pickle Lake, GTOO Geraldton, PNPO Pukaskwa Natio, YKA Yellowknife Arr.

NEIC 07 17:29:44.5 1.7, 20.9S; 0.2x176.1W; 0.1, h382km, 10km, mb4.2/11, Error ellipse: s-maj=27.0km s-min=14.2km az=160.0

IDC 07 17:30:04.7 9.9, 19.59S; 177.34W, h566km, 64km, mb3.1/2, mbmp4.0/3, Error ellipse: s-maj=259.4km s-min=32.3km az=147.0

ISC 07 17:29:44.8 0.6, 20.9S; 0.1x176.0W; 0.1, h400km, n28, #097/27, mb4.1/7, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include NIUE Niue, MSVF Nonsavu, MSVF Nonsavu, RAO Raoul Island, SANVU Saraoutou, PLWZ Palisser, AMCZ Amberley, PYZ Puysegur Point, EIDS Eidsvold, ARMA Armadale, CTA Charters Tower, CTA Charters Tower, STKA Alice Springs, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, MORW Morawa, MORW Morawa, TPNV Topopah Spring.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include TPNV Wolf Creek Mout, DUG Dugway, BVAR Borovoye Arr, ARCES ARCESS Array B, FINES FINESS Array B, EKA Eskdalemuir Arr, TOKA Tokat, BURAR Buccovina Arr, BURAR Buccovina Arr, GERES GRESS Array B.

IDC 07 17:34:02.8 2.4, 6.97S; 129.70E, h79km, 25km, mb3.6/3, mbmp4.0/8, Error ellipse: s-maj=36.2km s-min=19.5km az=82.0

ISC 07 17:34:02.0 0.8, 7.02S; 0.06x129.8E; 0.1, h100km, n8, #386/12, mb3.6/3, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include SIJI Sorong, BATI Baumata, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Arr, MKAR Makanchi Arr.

IDC 07 17:35:31.0 1.0, 7.29S; 147.40E, h0km, mb3.7/12, mbmp3.8/14, ML2.9/2, MS3.2/2, Error ellipse: s-maj=45.7km s-min=15.5km az=87.0

ISC 07 17:35:36.4 0.9, 7.29S; 0.07x147.4E; 0.3, h35km, n16, #109/16, mb3.9/11, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include PMG Port Moresby, PMG Port Moresby, CTA Charters Tower, ASAR Alice Springs, STKA Stephens Creek, MJAR Matsushiro Arr, KSRS Korea Array, CMAR Chiang Mai Arr, SONM Songoing Array, VANDA Vanda, MKAR Makanchi Arr, ZALV Zalesovo Beam, KURBB Kurchatov Arr, GSPA South Pole Qui, ILAR Eielson Array, BVAR Borovoye Arr, TORO Torodi Arr, TORO Torodi Arr.

IDC 07 17:36:18.9 1.3, 15.82N; 120.37E, h0km, mb3.5/6, mbmp3.6/6, MS3.1/2, Error ellipse: s-maj=67.4km s-min=21.7km az=60.0

MAN 07 17:36:23.0, 15.91N; 120.13E, h9km, MS3.8

ISC 07 17:36:19.8 2.8, 15.76N; 0.05x120.12E; 0.08, h6km, 18km, n16, #098/21, mb3.6/5, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include BOLP Bolinao, ABRA Dolores, ABRA Brgy, Tapao, PALP Palanan, PIP Pasuquin, GOP Guinayanang, PACPP Pamplona Gagay, PACPP Cagayan de Oro, CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr, ZALV Zalesovo Beam, KURBB Kurchatov Arr, BVAR Borovoye Arr, DZM Mont Dzumac.

ISK 07 17:46:19.9 34.17N-25.67E, h6km, ML3.0/6, ATH 07 17:46:19.9 34.21N-25.53E, h7km, 2km, ML3.1/7, Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

IDC 07 17:46:19.0 1.1, 34.16N; 25.58E, h0km, mb3.6/8, mbmp3.6/16, ML3.0/7, MS2.8/4, Error ellipse: s-maj=21.7km s-min=14.7km az=21.0 THE 07 17:46:20.8 34.16N; 25.5E, h0km, 0.29, h0km, 10km, ISC 07 17:46:18.9 1.7, 34.14N; 0.06x25.59E; 0.3, h4km, 10km, n52, #142/64, mb3.8/8, MS2.9/3, Crete

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include ZKR Zakros, ZKR Zakros, ZKR Zakros, ZKR Zakros, NPS Neapolis, NPS Neapolis, IDI Anoyia, IDI Anoyia, IDI Anoyia, GVD Gavdhos, GVD Gavdhos, VAM Vamos, IMMV Iera Moni Meta, IMMV Iera Moni Meta, IMMV Iera Moni Meta, KARP Karpathos, KARP Karpathos, KARP Karpathos, THERA Ancient Thera, THERA Ancient Thera, DAT Datca, VLI Velia, VLI Velia, TURN Turunc, MLSB Milis, DALY Dalayan (Mula), YER Yerkesik, AKAS Kas, CAME Cameli-Denizli, AYDB Zeytin koy-Aydi, ELI Elmali, APMY Acipayam-Deniz, ODEM Odemis-Izmir, MMAI Mount Meron Arr, BRTR Keskin Arr B, EIL Eilat, EIL Eilat, VAE Valguarnera, ASF Jabal al Asfar, ASF Jabal al Asfar, AKASA Malin Arr B, GERES GRESS Array B, GERES GRESS Array B, DAVOX Davos/Dischmat, ESDC Sonseca Array, FINES FINESS Array B, NOA NORSAR Array B, EKA Eskdalemuir Arr, TORO Torodi Arr, ARTI Art, KURBB Kurchatov Arr, MKAR Makanchi Arr, SPITS Spitsbergen Arr, ZALV Zalesovo Beam, SONM Songoing Array, TKL Tuttlechee C.

NEIC 07 17:53:06.8 2.4, 17.58S; 0.07x173.81W; 0.1, h10km, 10km, mb4.8/30, Error ellipse: s-maj=19.0km s-min=6.5km az=235.0

IDC 07 17:53:06.2 1.1, 17.72S; 13.37W, h0km, mb4.1/9, mbmp4.1/9, MS3.7/34, Error ellipse: s-maj=33.6km s-min=24.3km az=108.0

ISC 07 17:53:06.5 0.6, 17.65S; 0.1x13.3W; 0.1, h10km, n74, #1853/33, mb4.8/21, MS3.7/34, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include H10S2 ASCENSION HYDR, H10S3 ASCENSION HYDR, H10N1 ASCENSION HYDR, H10N3 ASCENSION HYDR, H10N2 ASCENSION HYDR, RCBR Riachuelo, RCBR Riachuelo, DBIC Dimbokro, DBIC Dimbokro, KOOLE Kule, KOOLE Kule, GRTLK Ghanzi, LKGVW Logkwev, LKGVW Logkwev, KGCAE Kacgae, KGCAE Kacgae.

7d 19h

BOOM	Boomsbooye usch	7.23 32	Pn	19 44 50.8	-1.1
BOOM	Boomsbooye usch	7.23 32	PN	19 44 50.8	-1.1
HRA	Herat	7.25 256	P	19 44 50.7	-1.6
USP	Ospenova	7.38 22	P	19 44 52.6	-1.1
TKM2	Tokmak 2	7.45 29	Pn	19 44 54.2	-0.5
SMLA	Simla	7.53 133	eP	19 44 54.7	-1.0
SMLA			eS	19 46 15.3	-5.6
SMLA	comp=N,157nm,0.2s		IAML	19 46 19.2	
SMLA	comp=E,178nm,0.6s		IAML	19 46 21.2	
KDJ	Kajisay	7.54 39	Pn	19 44 55.2	-0.7
KDJ	Kajisay	7.54 39	PN	19 44 55.2	-0.7
SGDS	Sogindy	7.59 22	Pn	19 44 54.7	-1.7
SGDS	Sogindy	7.59 22	eP	19 44 54.9	-1.6
KST	Kastek	7.70 30	Pn	19 44 57.5	-0.4
KLP	Kalpa	7.92 126	eP	19 45 01.9	+0.7
KLP			eS	19 46 23.9	-6.8
KLP	comp=N,175nm,0.6s		IAML	19 46 28.8	
KLP	comp=E,171nm,0.5s		IAML	19 46 28.8	
TNSS	Tian-Shan	8.11 34	P	19 45 02.7	-0.8
TNSS	Tian-Shan	8.11 34	ePN	19 45 02.5	-1.0
TNSS	Tian-Shan	8.11 34	eS	19 46 34.3	-0.8
TNSS	Tian-Shan	8.11 34	eP	19 45 02.5	-1.0
TNSS	Tian-Shan	8.11 34	eS	19 46 34.4	-0.8
WUS	Wushi	8.12 52	P	19 45 02.2	-1.2
KRBS	Karabastau	8.15 26	Pn	19 45 02.3	-1.4
AAA	Alma-Ata	8.23 33	ePN	19 45 04.0	-0.8
AAA	Alma-Ata	8.23 33	Pn	19 45 04.0	-0.8
MDOK	Medeo	8.26 34	Pg	19 45 05.3	+0.1
MDOK	Medeo	8.26 34	ePN	19 45 04.3	-0.9
MDOK	Medeo	8.26 34	Pn	19 45 04.3	-0.9
KNDC	Almaty	8.26 33	U	19 45 02.2	-3.0
KNDC	comp=E,328nm,0.8s		U	19 46 34.3	-3.9
PRZ	Przheval'sk	8.43 42	Pn	19 45 07.6	+0.1
PRZ	Przheval'sk	8.43 42	PN	19 45 07.6	+0.1
SATY	Saty	8.83 39	ePN	19 45 11.4	-1.2
SATY	Saty	8.83 39	eS	19 46 51.1	-0.7
SATY	Saty	8.83 39	eP	19 45 11.5	-1.2
SATY	Saty	8.83 39	eS	19 46 51.1	-0.7
BTLs	Baital	8.93 15	P	19 45 12.4	-1.3
BTLs	Baital	8.93 15	ePN	19 45 12.9	-0.8
BTLs	Baital	8.93 15	Pn	19 45 12.9	-0.8
UZB	Uzynbulak	9.21 41	eP	19 45 16.7	-0.9
UZB	Uzynbulak	9.21 41	eP	19 45 16.8	-0.9
KPKS	Kokpek	9.27 39	eP	19 45 17.2	-1.0
KPKS	Kokpek	9.27 39	eP	19 45 17.3	-1.0
SHLS	Shalkode	9.46 42	eP	19 45 23.3	+2.5
SHLS	Shalkode	9.46 42	eP	19 45 23.4	+2.5
PDGK	Podgornoye	9.59 42	U	19 45 21.1	-1.4
PDGK	comp=E,177nm,0.8s		U	19 47 12.0	+2.2
PDGK	comp=E,78nm,1.1s		U	19 45 21.6	-1.5
BLB	Baldybastay	9.64 35	P	19 45 21.6	-1.5
TDK	Taldyqorghan	10.31 32	eP	19 45 30.9	-0.8
TDK	Taldyqorghan	10.31 32	eP	19 45 30.9	-0.8
PTH	Pithoragarh	10.48 128	eP	19 45 34.7	+0.5
PTH	Pithoragarh	10.48 128	eS	19 47 22.2	-9.0
PTH			IAML	19 47 28.5	
PTH	comp=E,172nm,0.1s		IAML	19 47 28.6	
MAKZ	Makanchi	13.30 36	Pn	19 46 08.6	-1.1
MAKZ	Makanchi	13.30 36	U	19 46 11.7	-0.7
MAKZ	Makanchi	13.30 36	Pn	19 46 08.6	-1.1
MK31	Makanchi Array	13.44 36	P	19 46 10.8	-0.6
MK31	Makanchi Array	13.44 36	eP	19 46 10.9	-0.5
MKAR	Makanchi Array	13.44 36	P	19 46 11.1	-0.3
MKAR	comp=N,44nm,0.9s,baz=226,slow=18,SNR=50		S	19 48 39.0	-2.0
MKAR	comp=N,1.1nm,0.7s,baz=219,slow=31,SNR=1.4		S	19 46 10.9	-0.5
MKAR	Makanchi Array	13.44 36	Pn	19 46 11.3	-0.1
MKAR	Makanchi Array	13.44 36	iP	19 46 11.3	-0.1
MKAR	comp=N,27nm,0.7s		pmax	19 46 12.6	-0.6
BRZS	Berezinski	13.59 5	eP	19 46 12.6	-0.6
BRZS	Berezinski	13.59 5	eP	19 46 12.7	-0.6
WMQ	Urumqi	14.88 55	eP	19 46 32.4	+2.4
WMQ	comp=N,23nm,0.7s		pmax	19 46 28.9	-1.9
AB31	Akbulak array	15.03 332	P	19 46 28.6	-2.2
AB31	Akbulak array	15.03 332	P	19 46 28.6	-2.2
AB31	comp=Z,0.1nm,0.2s,baz=143,slow=12,SNR=102		S	19 49 14.7	-2.9
AB31	comp=Z,8.9nm,0.7s,baz=144,slow=23,SNR=4.6		S	19 46 28.9	-1.9
ABKAR	Akbulak array	15.03 332	P	19 46 32.4	-0.2
ZSN	Zaisan	15.16 39	eP	19 46 32.5	-0.2
ZSN	Zaisan	15.16 39	eP	19 46 31.6	-1.7
KURBB	Kurchatov Arra	15.22 19	P	19 46 31.6	-1.7
KURBB	comp=Z,5.2nm,0.4s,baz=206,slow=9,SNR=83		S	19 46 21.0	-1.1
KURBB	comp=Z,1.5nm,0.8s,baz=146,slow=14,SNR=2.3		S	19 46 34.0	+0.3
KURK	Kurchatov	15.33 19	P	19 46 33.6	-1.0
KURK	Kurchatov	15.33 19	Pn	19 49 21.0	-3.6
KURK	Kurchatov	15.33 19	U	19 46 36.8	+1.9
KURK	comp=Z,3.4nm,0.5s		pmax	19 46 34.9	+0.3
KURK	comp=Z,14nm,0.7s		pmax	19 46 43.7	-1.1
BANOM	Banah	16.21 234	iP	19 46 44.0	-0.9
BANOM	Banah	16.21 234	P	19 46 44.9	+0.1
SHME	Shamm	16.23 234	P	19 46 48.9	+0.4
EVAR	Borovoye Array	16.56 359	P	19 49 52.0	+0.7
EVAR	comp=Z,16nm,0.4s,baz=158,slow=9,SNR=174		S	19 46 49.3	+0.6
BVAR	Borovoye	16.59 359	P	19 46 50.1	
BORK	Borovoye	16.59 359	P	19 46 49.3	+0.6
BORK	comp=Z,28nm,1.1s		pmax	19 46 48.4	-1.3
MDH	Madha	16.65 232	P	19 46 50.3	+0.2
MASF	Masafi	16.69 233	P	19 46 50.0	-0.2
MSFE	Esma-Masafi	16.70 233	iP	19 46 50.5	+0.4
AKTO	Aktuybinsk	16.72 331	P	19 46 50.5	+0.4
AKTO	comp=Z,39nm,0.7s,baz=142,slow=8,SNR=96		S	19 49 50.2	-4.3
AKTO	comp=Z,4.6nm,0.5s,baz=105,slow=20,SNR=3.8		S	19 46 49.4	-0.8
WSAR	Wadi Sarin	16.84 222	P	19 46 52.9	-0.2
BIDO	Bidbid	16.89 224	P	19 46 52.4	+0.1
BIDO	SNR=5.3		P	19 46 52.4	-0.7
UOSS	Minazif	16.96 231	P	19 46 53.3	+0.2
UOSS	Minazif	16.96 231	iP	19 46 53.0	-0.1
UOSS	Minazif	16.96 231	P	19 46 54.9	+0.4
HATD	Hatta, Dubai	17.09 231	P	19 46 55.0	+0.4
HATD	Hatta, Dubai	17.09 231	P	19 46 57.0	0.0
WBK	Wadi Bani Khal	17.18 220	P	19 46 56.1	-0.1
ASHO	Ashtiyah	17.24 231	iP	19 46 56.6	+0.4
ASHO	Ashtiyah	17.24 231	P	19 46 56.5	+0.1
NAZ	Nazwa, Dubai	17.27 233	P	19 46 57.7	+0.8
NAZ	Nazwa, Dubai	17.27 233	P	19 46 56.6	-0.3
SMDO	Samad	17.30 223	P	19 46 58.3	-0.5
HOQ	Hoqain	17.31 226	P	19 46 58.3	-0.5
JLN	Jatan Bani Buh	17.34 218	Pn	19 46 58.3	-0.5

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SOHO	SOHO	17.35 229	P	19 46 55.8	-1.5
SOHO	SOHO	17.35 229	P	19 46 55.8	-1.5
FAQ	Al Faqa, Dubai	17.49 232	P	19 46 58.3	-0.6
FAQ	Al Faqa, Dubai	17.49 232	P	19 46 58.7	-0.2
ASUD	Al Ashush, Dub	17.74 233	iP	19 47 01.2	-0.4
ASUD	Al Ashush, Dub	17.74 233	P	19 47 02.2	+0.6
ALNE	SNR=16	17.89 230	iP	19 47 03.3	0.0
ALNE	SNR=46	17.89 230	P	19 47 03.3	0.0
ALNE	SNR=11	17.89 230	P	19 47 05.0	+1.0
ARQ	Araqi	17.96 227	P	19 47 04.7	+0.1
ARQ	SNR=9	17.96 227	P	19 47 04.5	0.0
AJN	Ajban	18.01 233	iP	19 47 05.9	+1.1
AJN	SNR=11	18.01 233	P	19 47 05.9	+1.1
BSY	Bisyay	18.02 224	P	19 47 09.7	+0.9
BSY	SNR=5.1	18.02 224	P	19 47 13.4	
LSA	Lhasa	18.35 106	iAmb	19 47 11.7	+0.5
LSA	comp=Z,21nm,1.0s		iAmb	19 47 10.9	-0.3
LSA	Lhasa	18.35 106	P	19 47 09.7	+0.9
LSA	Lhasa	18.35 106	P	19 47 10.9	-0.3
LSA	comp=Z,21nm,0.9s		pmax	19 47 09.7	+0.9
LSA	Lhasa	18.35 106	P	19 47 10.6	-0.1
AKT	Akhty	18.58 293	eP	19 50 30.6	-1.2
AKT	comp=Z,4.0nm,0.4s		smax	19 47 10.6	-0.1
AKT	comp=E,13nm,0.7s		smax	19 47 10.6	-0.1
AKT	comp=N,9.0nm,0.6s		smax	19 47 16.8	+1.1
MHTO	MHTO	19.04 219	P	19 47 15.6	-1.5
JRN	Jarnain Island	19.18 238	P	19 47 17.4	-0.5
UMZ	Um Al Zommoq	19.24 229	P	19 47 17.0	-1.4
GOMU	Gomul Madinat Zayed	19.29 234	P	19 47 21.2	+1.6
GOMU	GeErLu	19.36 84	pmax	19 47 21.2	+1.6
GOMU	comp=N,11nm,1.0s		pmax	19 47 22.5	-1.5
GHWR	Ruwais	19.03 236	P	19 47 26.1	+0.1
ZALV	Zalesovo Beam	20.01 25	P	19 50 57.8	-2.1
ZALV	comp=N,40nm,0.3s,baz=218,slow=11,SNR=276		S	19 47 26.2	+0.2
ZALV	comp=N,3.8nm,0.6s,baz=212,slow=21,SNR=5.3		S	19 47 25.2	-1.7
ZALV	comp=N,40nm,0.3s		P	19 47 28.0	+0.5
ZALV	Zalesovo Beam	20.03 25	P	19 47 26.0	-1.0
ZALV	Zalesovo Beam	20.03 25	P	19 47 25.2	-1.7
MZR	Muzera	20.08 233	iP	19 47 28.0	+0.5
DQM	DQM	20.17 244	P	19 47 29.5	-2.2
SAKRS	Sahrain	20.54 238	P	19 47 33.1	-0.7
SAKRS	Sahrain	20.54 238	P	19 47 33.1	-0.7
GNI	Garni	20.72 288	eP	19 47 34.3	+0.6
GNI	comp=N,5.8nm,0.6s,baz=1.0,slow=11,SNR=5.7		pmax	19 47 37.8	+0.3
GNI	Garni	20.72 288	eP	19 47 37.8	+0.3
GNI	Garni	20.72 288	pmax	19 47 37.8	+0.3
SHL	Shilling	21.07 115	P	19 47 41.6	+0.3
SHL	Shilling	21.07 115	P	19 47 41.6	+0.3
SVE	Sverdlovsk	21.48 345	eP	19 47 42.9	+0.3
SVE	comp=Z,18nm,1.0s		pmax	19 51 33.1	+4.8
ARTI	Arti	21.61 341	P	19 47 42.7	0.0
ARTI	comp=Z,12nm,0.7s,baz=152,slow=6,SNR=24		S	19 47 43.0	+0.3
ARTI	comp=Z,1.1nm,0.5s,baz=148,slow=13,SNR=1.8		S	19 48 13.3	-3.2
ARTI	Arti	21.61 341	P	19 48 23.3	
ARTI	Arti	21.61 341	iP	19 51 30.2	+1.9
ARTI	Arti	21.61 341	PP	19 47 51.2	+0.5
ARTI	Arti	21.61 341	PP	19 51 48.7	+6.9
ARTI	Arti	21.61 341	PP	19 47 50.8	+0.1
ARTI	Arti	21.61 341	PP	19 51 52.9	+7.8
ARTI	Arti	21.61 341	PP	19 47 53.0	+0.4
ARTI	Arti	21.61 341	PP	19 47 54.4	+0.5
ARTI	Arti	21.61 341	PP	19 51 51.9	+4.5
ARTI	Arti	21.61 341	PP	19 47 54.3	+0.5
ARTI	Arti	21.61 341	PP	19 47 57.9	+1.8
ARTI	Arti	21.61 341	PP	19 48 35.9	+2.5
ARTI	Arti	21.61 341	PP	19 47 56.1	-0.2
DMTO	DMTO	23.32 221	P	19 47 59.1	+0.2
WHFO	Wadi Hawi	23.80 224	P	19 48 02.7	-0.5
WHFO	SNR=1.6	23.80 224	P	19 48 06.4	+3.0
KNGR	Kungurtug, Tuv	23.84 45	iP	19 48 03.5	-0.7
KNGR	comp=Z,40nm,0.7s		pmax	19 48 09.0	-0.8
RBK	Rabuk	23.92 222	P	19 48 16.5	-0.4
ABTO	Aybut	24.52 221	P	19 48 16.5	-0.4
ABTO	SNR=12	24.52 221	P	19 48 30.7	-1.3
RAYN	Ar Rayn	25.31 246	P	19 48 30.7	-1.3
RAYN	Ar Rayn	25.31 246	P	19 48 30.7	-1.3
VRH	Novokhoporsky	25.40 315	eP	19 48 33.8	+0.5
VRH	comp=Z,5.0nm,0.5s		pmax	19 48 33.8	+0.5

SKAR	Skarslia	45.69	322	eP	P	P	19 51 10.1	+0.9
TIXI	Tiksi	45.88	22	P	P	P	19 51 11.0	+0.5
TIXI	Tiksi	45.88	22	P	P	P	19 51 11.0	+0.5
MYKOM	Kota Tinggi	46.10	131	P	P	I	19 51 14.2	+1.3
MYKOM							19 51 26.3	
LODK	Lodwar	46.29	233	P	P	P	19 51 15.3	+0.9
USRK	Ussuryisk Ar.	46.26	36	P	P	P	19 51 14.9	+0.3
SENNI	Lac Senin/Sane	47.45	303	P	P	P	19 51 22.7	+0.5
SPAD	Spitsbergen Ar	47.49	347	eP	P	P	19 51 24.1	+1.3
SPITS	Spitsbergen Ar	47.49	347	P	P	P	19 51 24.2	+1.3
KEST	Kesra	48.86	288	P	P	P	19 51 35.1	+1.0
EKA	Eskaalemir Ar	52.18	316	P	P	P	19 51 57.7	-0.7
MBAR	Mbarara	52.33	234	P	P	I	19 52 00.7	+0.5
MBAR	Mbarara	52.33	234	P	P	I	19 52 01.2	
MBAR	Mbarara	52.33	234	eP	P	P	19 52 00.9	+0.6
MBAR	Mbarara	52.33	234	P	P	P	19 52 06.1	+0.2
MJAR	Matsushiro Arr	53.15	68	P	P	P	19 52 06.1	+0.2
MA2	Magadan	54.51	38	eP	P	P	19 52 15.5	+0.1
SEY	Seychman	54.56	34	eP	P	P	19 52 16.6	+1.0
SEY							19 52 35.0	-0.6
ESDC	Sonsec Array	57.30	298	P	P	P	19 52 53.9	-0.8
PEA0B	Petrovlovsk	60.13	44	eP	P	P	19 52 54.4	-0.4
PETK	Petrovlovsk	60.13	44	P	P	P	19 52 54.4	-0.4
TORD	Torodi Ar. Bea	65.52	269	P	P	P	19 53 29.1	-1.8
TORD	Torodi Ar. Bea	65.52	269	P	P	P	19 53 28.8	-2.1
SIJL	Sorong	67.17	109	P	P	P	19 53 40.1	-1.2
A19K	Wainwright	67.26	17	P	P	P	19 53 41.5	+0.6
A21K	Barrow	67.40	15	P	P	P	19 53 42.2	+0.4
C16K	Lisburne Hills	67.56	20	I	Amb	I	19 53 44.1	
C16K	Lisburne Hills	67.56	20	P	P	P	19 53 43.2	+0.3
A22K	Sinclair Lake	67.99	15	P	P	P	19 53 46.1	+0.6
B17K	DeLong Mountai	67.99	19	P	P	P	19 53 46.1	+0.5
C20K	Meade River	68.30	16	I	Amb	I	19 53 49.2	
B20K	Meade River	68.30	16	P	P	P	19 53 48.1	+0.6
C18K	Utukok River	68.37	18	I	Amb	I	19 53 49.3	
C18K	Utukok River	68.37	18	P	P	P	19 53 48.4	+0.3
C19K	Lookout Ridge	68.42	17	P	P	P	19 53 49.4	+1.0
C19K	Lookout Ridge	68.42	17	P	P	P	19 53 49.1	+0.7
D17K	Noatak River	68.57	19	P	P	P	19 53 49.6	+0.4
GAMB	Gambell	68.62	25	P	P	P	19 53 50.1	+0.5
TNA	Tin City	68.67	22	P	P	P	19 53 50.4	+0.6
B22K	Feshkup Lake	68.83	15	P	P	P	19 53 51.4	+0.7
B21K	Ikkipuk River	69.16	15	P	P	I	19 53 53.2	+0.5
B21K	Ikkipuk River	69.16	15	I	Amb	I	19 53 54.5	
B21K	Ikkipuk River	69.16	15	P	P	P	19 53 53.4	+0.7
F14K	Arctic Creek	69.22	22	P	P	P	19 53 54.1	+0.9
D19K	Kuna River	69.24	17	P	P	P	19 53 53.7	+0.4
E17K	Hotham Inlet	69.35	19	P	P	P	19 53 54.4	+0.4
D20K	Etvuk River	69.42	17	P	P	P	19 53 55.1	+0.7
E18K	Tukpahlearik C	69.42	19	P	P	P	19 53 55.1	+0.7
C21K	Knifblade Rid	69.49	16	P	P	P	19 53 55.8	+1.0
F15K	North Star Dit	69.55	21	I	Amb	I	19 53 57.1	
F15K	North Star Dit	69.55	21	P	P	P	19 53 56.0	+0.8
C23K	Iklik River	69.81	14	P	P	P	19 53 57.8	+1.1
E20K	Nigu River	69.88	17	P	P	P	19 53 57.9	+0.6
F17K	Baldwin Pennin	69.98	20	I	Amb	I	19 53 59.5	
F17K	Baldwin Pennin	69.98	20	P	P	P	19 53 58.7	+0.9
ANM	Nome	70.14	22	P	P	P	19 53 60.0	+1.1
E21K	Kilik River	70.24	16	I	Amb	I	19 54 00.1	
E21K	Kilik River	70.24	16	P	P	P	19 53 59.9	+0.4
G15K	Niukuk	70.24	22	P	P	P	19 54 00.0	+0.6
E19K	Redstone River	70.25	18	P	P	P	19 53 59.7	+0.2
C24K	Franklin Bluff	70.27	14	P	P	P	19 54 00.2	+0.6
F18K	Selawik	70.29	19	P	P	P	19 54 00.1	+0.4
G16K	Koyuk River	70.44	21	I	Amb	I	19 54 02.5	
G16K	Koyuk River	70.44	21	P	P	P	19 54 01.5	+0.8
D23K	Nanushuk River	70.51	15	P	P	P	19 54 01.8	+0.8
F19K	Shaleruckik Mo	70.60	18	P	P	P	19 54 02.2	+0.6
D24K	Happy Valley	70.73	14	P	P	P	19 54 02.9	+0.6
C26K	Camden Bay	70.79	12	P	P	P	19 54 03.2	+0.5
G17K	Kiwalik Mounta	70.84	20	P	P	P	19 54 03.6	+0.5
F20K	Avarart Lake	70.94	18	I	Amb	I	19 54 04.6	
F20K	Avarart Lake	70.94	18	P	P	P	19 54 03.5	-0.1
E22K	Anaktuvuk Pass	70.96	16	P	P	P	19 54 04.1	+0.3
TOLK	Toolik Lake Re	71.01	15	P	P	P	19 54 04.8	+0.7
H16K	Elim	71.03	21	P	P	P	19 54 04.8	+0.6
D25K	Kavik River	71.04	13	I	Amb	I	19 54 06.3	
D25K	Kavik River	71.04	13	P	P	P	19 54 05.1	+0.8
G18K	Tagagawik	71.09	19	P	P	P	19 54 05.3	+0.7
C27K	Jago River	71.25	12	I	Amb	I	19 54 07.7	
C27K	Jago River	71.25	12	P	P	P	19 54 06.7	+1.3
G19K	Purcell Mounta	71.31	19	I	Amb	I	19 54 06.7	
G19K	Purcell Mounta	71.31	19	P	P	P	19 54 06.2	+0.4
F21K	Alatina River	71.33	17	I	Amb	I	19 54 06.8	
F21K	Alatina River	71.33	17	P	P	P	19 54 06.2	+0.1
F21K	Alatina River	71.33	17	P	P	P	19 54 06.2	+0.1
F22K	John River	71.39	16	P	P	P	19 54 07.2	+0.8
H17K	Granite Mounta	71.47	20	P	P	P	19 54 07.5	+0.6
E23K	Chadalar	71.49	15	I	Amb	I	19 54 08.4	
E23K	Chadalar	71.49	15	P	P	P	19 54 07.7	+0.7
E24K	Your Creek	71.70	14	P	P	P	19 54 08.9	+0.6
H18K	Honhosa River	71.74	20	P	P	P	19 54 08.7	+0.2
G21K	Allakaket	71.89	17	P	P	P	19 54 09.4	0.0
H19K	Roundabout Mou	71.95	19	I	Amb	I	19 54 11.1	
H19K	Roundabout Mou	71.95	19	P	P	P	19 54 10.3	+0.6
J14K	Nanvaranak Lak	72.01	23	P	P	P	19 54 10.9	+0.8
G22K	Bettles	72.03	16	P	P	P	19 54 10.9	+0.8
D27M	Malcolm River	72.04	11	P	P	P	19 54 11.1	+0.9
I17K	Unalakleet	72.04	21	P	P	P	19 54 11.2	+0.9
E25K	Arctic Village	72.05	23	P	P	P	19 54 12.2	+0.8
K13K	Kusivak Mount	72.25	24	P	P	P	19 54 12.2	+0.7
IMAR	Indian Mountai	72.27	18	P	P	P	19 54 11.4	-0.1
F24K	Squaw Lake	72.30	15	P	P	P	19 54 12.7	+0.9
D28M	Stokes Point	72.30	11	P	P	P	19 54 12.8	+1.1
H20K	Anotlenega Mo	72.38	18	P	P	P	19 54 12.8	+0.5
J16K	Anvik River	72.52	22	I	Amb	I	19 54 15.0	
J16K	Anvik River	72.52	22	P	P	P	19 54 14.0	+0.9
G23K	Bananza Creek	72.53	16	P	P	P	19 54 13.8	+0.6
F25K	Christian River	72.68	14	P	P	P	19 54 14.9	+0.8
H21K	Melozitna River	72.76	17	I	Amb	I	19 54 16.6	
H21K	Melozitna River	72.76	17	P	P	P	19 54 15.0	+0.5
M11K	Meluyuk	72.83	26	P	P	P	19 54 16.3	+1.4
E28M	Babbage River	72.84	11	I	Amb	I	19 54 17.7	
E28M	Babbage River	72.84	11	P	P	P	19 54 16.0	+1.1
F26K	Sheenjek River	72.87	13	P	P	P	19 54 16.1	+0.9
E27K	Coleen River	72.88	12	I	Amb	I	19 54 17.4	
E27K	Coleen River	72.88	12	P	P	P	19 54 16.2	+1.0
J17K	VABM Dome	72.89	21	P	P	P	19 54 16.1	+0.8
H22K	Melozitna Cre	72.91	17	P	P	P	19 54 16.5	+1.2
K15K	Wolf Creek Mou	72.98	23	P	P	P	19 54 17.1	+1.3
BMAR	Burnt Mountain	73.02	14	P	P	P	19 54 17.3	+1.3
G24K	Hadweenzic Riv	73.08	15	P	P	P	19 54 17.6	+1.2
E29M	Blow River	73.29	11	I	Amb	I	19 54 19.7	
E29M	Blow River	73.29	11	P	P	P	19 54 18.7	+1.2
G25K	Bearman Lake	73.31	14	P	P	P	19 54 18.9	+1.2
L14K	Kuka Creek	73.33	24	I	Amb	I	19 54 19.6	
L14K	Kuka Creek	73.33	24	P	P	P	19 54 19.0	+1.1
I21K	Tanana	73.35	17	P	P	P	19 54 18.8	+0.9
H23K	Yukon River	73.38	16	P	P	P	19 54 19.4	+1.2
J19K	Poorman	73.39	19	P	P	P	19 54 19.4	+1.2
L15K	Ungalak Mounta	73.46	23	P	P	P	19 54 19.3	+0.7
SP1A	Saint Paul Isl	73.53	30	P	P	P	19 54 20.0	+0.9
G26K	Porcupine River	73.59	13	P	P	P	19 54 20.3	+1.0
J20K	Nowinta River	73.63	19	P	P	P	19 54 20.0	+0.4
K17K	Iditarod	73.64	21	P	P	P	19 54 20.6	+0.9
F28M	Old Crow	73.69	12	P	P	P	19 54 20.8	+0.9
H24K	Noodur Dome	73.74	16	P	P	P	19 54 21.2	+0.9
MLY	Manley	73.77	17	I	Amb	I	19 54 22.0	
MLY	Manley	73.77	17	P	P	P	19 54 21.0	+0.5
M13K	Dall Lake	73.79	25	P	P	P	19 54 21.9	+1.4
C36M	Paulatuk	73.94	5	P	P	P	19 54 21.1	-0.1
INK	Inuvik	73.97	9	I	Amb	I	19 54 23.8	

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like O30N Mendenhall, N32M Quiet Lake, WHY Whitehorse, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EIL 1.4nm,0.3s,baz=279,snr=7.8, AKASO Malin Array B, GERES GERESS Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EMPR Esperanza - Ma, EMPR Esperanza - Ma, EMPR Isla Desecheo, etc.

7d 19h:50:54.8, 1.1, 34:06N:25:92E, h0km, mb3.6/11, mbtmp3.6/16, ML3.4/5, Error ellipse: s-maj=23.5km

IDC 07 19:52:52.7, 1.5, 17:89N:66:95W, h0km, mb3.6/6, mbtmp3.7/7, ML2.8/1, MS4.4/2, Error ellipse: s-maj=36.6km

BANI BANI 3.29 279 Pn 19 53 46.4 +0.8 SDDR Presa de Saban 4.27 285 Pn 19 53 59.9 +0.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZKR Zakros, ZKR Zakros, ZKR Neapolis, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GBRP Guanica, Bosqu, GBRP Guanica, Bosqu, MLRP Magueyes, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRPR Cabo Rojo, CRPR Cabo Rojo, CRPR Cabo Rojo, etc.

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TURUN, VLI, MLSB, DALY, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like VOIR, VOIR, VOIR, MLR, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like AKASG, AKASG, AKKB, AKKB, etc.

7d 20h

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Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like Eilat, Karatay Array, Belogomoye, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like ARTI, GHRH, PRZ, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like BZS, MNK, MK31, etc.

7d 21h

Table with columns: Station Name, Time, Res, ISC, Phase ID, Code. Includes stations like F21K Alatna River, SCHO Schefferville, G16K Koyul River, etc.

Code Station Name Δ° AZZ Phase ID Time Res ISC h m s ISC

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

NEIC 07 20:56:06.4 1.2, 19.08N, 02:67:66W, 0.04, h10km, 1km, ML3.2/33, Md3.5/14(RSNR), Error ellipse: s-maj=6.7km

RSPPR 07 20:56:07.0 1.9, 10N, 67:90W, h10km, 3.1km, Md3.5/14 SDD 07 20:56:07.2 1.9, 19:16N, 67:59W, h17km, 2.1km, MD3.3, ML3.5, MW3.2, Presumed earthquake Hypocentre not reviewed by the ISC

Table with columns: Station Name, Time, Res, ISC, Phase ID, Code. Includes stations like IDE Isla Desecheo, AGPR Aguadilla, PR, etc.

2020 MAY

Table with columns: Station Name, Time, Res, ISC, Phase ID, Code. Includes stations like PRSN Las Mesas, LSP Las Mesas, G16K Koyul River, etc.

Code Station Name Δ° AZZ Phase ID Time Res ISC h m s ISC

Table with columns: Station Name, Time, Res, ISC, Phase ID, Code. Includes stations like JIKH Ishinomakiboku, JIO Ouri, JKM Kesennunamotoy, etc.

TEH 07 21:16:11.7, 37:75N, 48:05E, h15km, 1.1km, ML4.2, Presumed earthquake

ICC 07 21:16:12.6, 0.9, 34:27N, 48:06E, h0km, mb3.7/13, mbmp3.8/19, ML2.9/6, MS3.2/16, Error ellipse: s-maj=20.3km s-min=13.4km az=161.0

THR 07 21:16:12.0, 0.0, 33:74N, 48:10E, h10km, 6km, ML4.2, Presumed earthquake

OMAN 07 21:16:24.6, 0.4, 32:69N, 48:59E, h10km, 8.4, 3/25, ms2.10, Error ellipse: s-maj=13.6km s-min=8.2km sz=38.0

ISC 07 21:16:12.3, 0.9, 33:75N, 04:08E, 0.04, h15km, 6km, n120, e04/117, mb3.5/3, Off east coast of Honshu

Table with columns: Station Name, Time, Res, ISC, Phase ID, Code. Includes stations like IDB Doab, IDO Doab, IDZA Bozab, etc.

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Table with columns: Station Name, Time, Res, ISC, Phase ID, Code. Includes stations like KHMZ Khomeyn, IDHR Dehrash, GLGI Gilan-e-Gharb, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like HQO, BRTR Keskin Array B, BSY Bisya, SMDO Samad, WSK Wadi Bani Khal, AKTO ANKrubinsk, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like AKUT Akutan, VLVF Lava Point, LVA, VNFVG Fog Glacier, VNNF Veniaminof 3, UNV Unalaska Valle, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like AMKA Amchitka, G19K Purcell Mounta, F17K Baldwin Pennin, MLY Manley, GLB Gilahina Butte, etc.

NEIC 07 21:23:09.6, 2.1, 54.56N, 0.04, 162.26W, 0.05, h35km, 2km, mb3.9/59, ML3.9/AEIC, Error ellipse: s-maj=7.7km s-min=4.8km az=177.0

ICD 07 21:23:09.6, 3.2, 54.30N, 162.26W, h50km, 28km, mb3.7/15, mbmp3.9/19, ML3.9/A, MS2.9/7, Error ellipse: s-maj=25.8km s-min=15.0km az=5.0

AEIC 07 21:23:11.2, 2.2, 54.50N, 0.07, 162.26W, 0.05, h27km, 5km, Error ellipse: s-maj=10.6km s-min=4.2km az=170.0

ISC 07 21:23:10.9, 0.8, 54.70N, 0.07, 162.35W, 0.04, h69km, 7km, n292, s196/304, mb3.8/16, Alaska Peninsula

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like DT1 Dutton Round H, DOL Dolgoi Island, FALS False Pass, PS4A Pavlov North-7, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like AKUT Akutan, VLVF Lava Point, LVA, VNFVG Fog Glacier, VNNF Veniaminof 3, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like AMKA Amchitka, G19K Purcell Mounta, F17K Baldwin Pennin, MLY Manley, GLB Gilahina Butte, etc.

7d 22h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station parameters like frequency and power.

IDC 07 21:42:04.1+0.9,35.34N:24.17E, h0km, mb3.7/11, mbmp3.6/21, ML3.2/7, MS3.4/2, Error ellipse: s-maj=19.9km s-min=6.6km az=14.0.

THE 07 21:42:04.6+5.1N:1.24E:2.1E, h0km, 1km, M3.3/9, ML3.3/9, ATK 07 21:42:04.9,35.29N:24.20E, h5km, 1km, ML3.4/7, Latitude uncertainty: 1 km; Longitude uncertainty: 0 km

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station parameters.

2020 MAY

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station parameters.

TIF 07 21:49:12.7,35.79N:52.02E, h13km, 1km TEH 07 21:49:13.0,35.77N:52.03E, h8km, 18km, ML3.7, Presumed earthquake

ISC 07 21:49:14.0+1.2,35.76N:0.03:52.03E:0.03, h7km, 11km, n29, r1902/34, Northern and central Iran

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station parameters.

ISK 07 21:52:03.6,36.36N:28.78E, h27km, ML2.4/11 GII 07 21:52:10.3,30.0,35.97N:0.08:29.25E:0.02, h0km, Mw2.6, confirmed

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station parameters.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station parameters.

KRSC 07 22:23:25.3+2.2,48.16N:157.18E, h32km, 65km, MI3.7, East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station parameters.

IDC 07 22:28:43.1+2.2,15.37S:178.45W, h434km, 23km, mb3.2/7, mbmp4.0/8, Error ellipse: s-maj=28.7km s-min=17.4km az=143.0

ISC 07 22:28:44.1+0.8,15.3S:0.3:178.6W:0.2, h450km, n11, r157/11, mb3.6/8, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station parameters.

IDC 07 22:41:48.4+0.7,1.49S:136.50E, h0km, mb4.2/12, mbmp4.2/17, ML4.1/5, MS3.5/27, Error ellipse: s-maj=23.1km s-min=11.4km az=78.0

DJA 07 22:41:52.1+0.6,1.7S:137.7E, h10km, 3km, M4.8/12, mb4.8/2, mb4.8/3, MLv4.8/12, Mw(mb)4.0/2

NEIC 07 22:41:55.5+1.7,1.57S:0.10:136.39E:0.08, h32km, 6km, mb4.4/31, Error ellipse: s-maj=14.5km s-min=10.9km az=191.0

ISC 07 22:41:52.7+0.4,1.52S:0.04:136.49E:0.05, h23km, n92, r155/19, mb4.4/30, MS3.5/21, 1D, Iran Jaya region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various station parameters.

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Call Sign	Frequency	Mode	Power	Band	Location	Time	QTH	QSO	Remarks
GZHZ	26.20	P	00 39 05.2 +1.3	P	Guangzhou	261			
GZHZ		PcP	00 42 30.6 -0.1	PcP					
GZHZ		S	00 43 36.0 +0.4	S					
GZHZ	comp=Z,44nm,0.9s	LR		LR					
GZHZ	comp=Z,720nm,13.3s	LR		LR					
GZHZ	comp=Z,1um,16.8s	LR		LR					
GZHZ	comp=Z,2um,14.3s	LR		LR					
HHC	26.45	eP	00 39 05.0 -1.1	P	Hu-ho-hao-te	300			
HHC		S	00 40 35.1 -4.4	S					
HHC		sS	00 43 46.1 +2.3	sS					
HHC	comp=Z,38nm,1.0s	pmax		pmax					
HHC	comp=Z,200nm,5.2s	LR		LR					
HHC	comp=Z,870nm,16.2s	LR		LR					
HHC	comp=Z,1um,16.2s	LR		LR					
HHC	comp=Z,2um,17.0s	LR		LR					
BT02	27.69	eP	00 39 16.4 -0.9	P	Baotou	300			
BT02		PP	00 40 02.4 -0.4	P					
BT02		S	00 44 00.2 +1.1	S					
BT02	comp=Z,110nm,0.9s	pmax		pmax					
BT02	comp=Z,460nm,5.2s	LR		LR					
BT02	comp=Z,3um,14.9s	LR		LR					
BT02	comp=Z,6um,18.1s	LR		LR					
BT02	comp=Z,8um,17.4s	LR		LR					
ENH	27.96	P	00 39 17.5 -2.2	P	Enshi	277			
XAN	28.02	P	00 39 18.3 -1.9	P	Xi'an	285			
XAN		PP	00 40 08.1 +0.7	P					
XAN		S	00 44 08.7 +4.4	S					
XAN	comp=Z,49nm,0.8s	LR		LR					
XAN	comp=Z,1um,13.0s	LR		LR					
XAN	comp=Z,700nm,14.4s	LR		LR					
XAN	comp=Z,830nm,13.1s	LR		LR					
GULI	28.43	P	00 39 25.1 +1.2	P	Guilin	266			
GULI		S	00 44 19.4 +8.6	S					
GULI	comp=Z,11nm,0.9s	pmax		pmax					
GULI	comp=Z,82nm,4.7s	LR		LR					
GULI	comp=Z,540nm,13.8s	LR		LR					
GULI	comp=Z,640nm,16.1s	LR		LR					
GULI	comp=Z,810nm,16.2s	LR		LR					
MA2	29.20	P	00 39 30.9 +0.7	P	Magadan	9			
MA2	comp=Z,5.1nm,0.3s,baz=186,slow=9.6,SNR=5.3								
MA2	29.20	P	00 39 29.2 -1.1	P	Magadan	9			
MA2	29.20	P	00 39 31.0 +0.7	P	Magadan	9			
MA2	comp=Z,9.0nm,1.1s								
MA2	comp=Z,19nm,0.8s								
CIT	29.63	eP	00 39 35.0 +0.7	P	Chita	323			
CIT	comp=Z,168nm,1.6s								
QIZ	31.39	P	00 39 49.4 -0.8	P	Qiongzong	255			
QIZ		S	00 44 59.2 +1.9	S					
QIZ	comp=Z,520nm,17.9s	LR		LR					
QIZ	comp=Z,410nm,18.8s	LR		LR					
QIZ	comp=Z,700nm,18.0s	LR		LR					
ULN	31.51	P	00 39 51.6 +0.5	P	Ulanbaatar	312			
ULN	31.51	P	00 39 51.6 +0.5	P	Ulanbaatar	312			
ULN	comp=Z,91nm,1.3s								
ULN	31.51	P	00 39 52.0 +0.9	P	Ulanbaatar	312			
ULN		S	00 45 02.5 +3.5	S					
ULN	31.51	P	00 39 51.8 +0.7	P	Ulanbaatar	312			
ULN	31.51	P	00 39 54.4 -0.2	P	Ulanbaatar	312			
ULN	comp=Z,20nm,0.9s,baz=119,slow=8.7,SNR=11.1								
SOM	31.92	P	00 39 54.1 -0.5	P	Somgino Array	312			
SOM	32.08	P	00 39 55.6 -0.1	P	Yakutsk	349			
SOM	comp=Z,24nm,0.4s,baz=128,slow=4.7,SNR=6.0								
SOM	comp=Z,24nm,0.4s								
YAK	32.08	P	00 39 55.4 -0.4	P	Yakutsk	349			
YAK	32.08	P	00 40 07.6 0.0	P	Yakutsk	349			
YAK		e	00 41 01.1	e					
YAK		e	00 42 41.2	e					
YAK		eS	00 45 07.6 +0.4	eS					
YAK	comp=Z,31nm,1.5s								
YAK	comp=N,16nm,1.6s								
YAK	comp=E,3.0nm,1.4s								
YAK	comp=Z,260nm,5.6s								
YAK	comp=N,66nm,2.5s								
YAK	comp=E,89nm,3.7s								
YAK	comp=E,241nm,10.9s								
YAK	comp=N,127nm,3.6s								
YAK	comp=Z,764nm,25.0s								
YAK	comp=N,265nm,15.0s								
YAK	comp=E,438nm,30.0s								
LZH	32.09	eP	00 39 55.3 -1.1	P	Lanzhou	290			
LZH		S	00 40 03.0 +3.3	S					
LZH		S	00 45 11.2 +2.8	S					
LZH	comp=E,22nm,1.6s								
LZH	comp=E,810nm,13.4s								
LZH	comp=E,830nm,12.7s								
LZH	comp=E,1um,14.1s								
LZDM	32.22	P	00 39 56.5 -1.2	P	Lanzhou Array	289			
LZDM	comp=E,11nm,0.6s,baz=134,slow=6.4,SNR=12								
LZDM	comp=E,11nm,0.6s								
SEY	32.65	P	00 40 00.9 +0.2	P	Seymchan	9			
SEY	comp=E,8.6nm,0.7s,baz=207,slow=8.4,SNR=22								
SEY	comp=E,8.6nm,0.7s								
SEY	32.65	P	00 40 01.7 +1.0	P	Seymchan	9			
SEY	comp=Z,8.0nm,0.6s								
CD2	32.72	P	00 40 00.6 -1.2	P	Chengdu	280			
CD2		S	00 45 16.4 -1.6	S					
CD2	comp=Z,20nm,0.6s								
CD2	comp=Z,1um,14.6s								
CD2	comp=Z,2um,15.2s								
CD2	comp=Z,3um,17.1s								
BOD	33.02	eP	00 40 04.0 -0.1	P	Bodaibo	333			
BOD		pmax		pmax					
BOD	comp=Z,35nm,1.6s								
TNTI	33.11	P	00 40 05.2 0.0	P	Ternate	208			
TNTI		IAMB	00 40 04.0 19.6	IAMB					
TNTI	comp=Z,31nm,0.8s								
TNTI	33.11	P	00 40 01.5 -3.7	P	Ternate	208			
TNTI	comp=Z,44nm,0.8s								
MANU	33.23	P	00 40 05.6 -0.7	P	Manus Island	170			
ZAK	34.68	eP	00 40 18.5 -0.2	P	Zakamensk	315			
ZAK		pmax		pmax					
ZAK	comp=Z,79nm,1.7s								
IRK	34.77	eP	00 40 19.7 +0.4	P	Irkutsk	319			
IRK		P		P					
IRK	comp=Z,77nm,2.2s								
TLY	34.92	P	00 40 20.8 +0.1	P	Talaya	318			
TLY		IAMB	00 40 27.4	IAMB					
TLY	comp=Z,40nm,1.1s								
TLY	34.92	eP	00 40 21.8 +1.2	P	Talaya	318			
TLY		pmax		pmax					
TLY	comp=Z,34nm,1.0s								
TLY	34.92	P	00 40 22.1 +1.5	P	Talaya	318			
TLY		S	00 45 54.0 +2.4	S					
TLY		S	00 40 21.2 -1.8	S					
GTOI	35.16	P	00 40 23.0 -1.1	P	Gorontalo	214			
GTOI	comp=Z,51nm,0.8s								
GTOI	35.29	eP	00 40 23.0 -1.1	P	Gaotai	296			
GTOI		PP	00 46 05.1 +3.0	PP					
GTOI		S		S					
GTOI		pmax		pmax					
GTOI	comp=Z,27nm,1.0s								
GTA2	comp=Z,190nm,8.6s								
GTA2	comp=Z,810nm,16.5s								
GTA2	comp=Z,260nm,16.2s								
GTA2	comp=Z,2um,16.5s								
GTA2	comp=Z,10.0nm,0.7s								
GTA2	comp=Z,130nm,4.7s								
GTA2	comp=Z,670nm,17.7s								
GTA2	comp=Z,790nm,18.6s								
GTA2	comp=Z,790nm,18.6s								
TOLII	35.89	IAMB	00 40 28.4 -0.8	IAMB	Tolitoli	218			
TOLII		IAMB	00 40 29.8	IAMB					
TOLII	comp=Z,23nm,0.8s								
SANI	36.23	P	00 40 29.9 -2.3	P	Sanana	208			
SANI	comp=Z,742nm,comp=Z,73nm,0.7s								
KIWB	36.40	IAMB	00 40 32.5 -0.8	IAMB	Kanaga Island	43			
KIWB		IAMB	00 40 48.0	IAMB					
KIWB	comp=Z,50nm,1.0s								
MOY	36.47	eP	00 40 34.8 +0.8	P	Mondy	317			
MOY		pmax		pmax					
MOY	comp=Z,55nm,2.5s								
KRAI	36.51	P	00 40 35.4 +0.9	P	Karang Ratu	203			
KRAI	comp=Z,3um,comp=Z,41nm,2.0s								

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PSI Prapat, RPSI Rantau Prapat, P17K Kruhak River, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PRZ Przeval'sk, E20K Nigu River, J20K Nowinta River, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like D23K Nanushuk River, D23K Nanushuk River, H23K Yukon River, etc.

8d 0h

2020 MAY

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like G25K Bearman Lake, K24K Donnelly Dome, AS15 Alice Springs, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KK31 Karatay Array, KKAR Karatay Array, D27M Malcolm River, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like H31M Peel River, F31M Tsightehoch, Q30N Mendenhall, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like K30B, ZVZ, TANN, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Cedar Bluff, Cave del Di, Podgorica, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Junction City, Del Rio, Santo Domingo, etc.

M=0.05t.05; M=0.24t.01; M=0.53t.04; Best double couple: M=1.60500+1017, NP1=184.00000, 836.00000, 1-82.00000... Principal axes: T 1.6140, Pz9.00000...

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res. Lists stations like HOPE Hope Point, PMSA Palmer Station, etc.

Main station list table with columns: MAW, Mawson, 41.32 145 P, 01 22 04.2 -1.2, etc. Lists stations like MAW Mawson, SUR Sutherland, JANB Januaria, etc.

Continuation of station list table with columns: ATAH, 4.52 22.0, 0.7s, baz=236, slow=8.7, SNR=13, etc. Lists stations like ATAH, SGCZ, BOAV, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like ARCES ARCESS Array B, ARCES ARCESS Array B, DBIC Dimbokro, KURBB Kurchatov Arra, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Schefferville, SCHO Schefferville, SCHO Meade River, SCHO Meade River, E29M Blower River, G31M Satah River.

SOME 08 02:04:50.3, 41°52'N; 80°85'E, h10km
N1C 08 02:04:51.9, 41°46'N; 80°68'E, h10km, mb3.5, mpv3.2,
Error ellipse: s-maj=12.4km, s-min=11.1km, az=164.0,
ISC 08 02:04:56.2, 2.2, 41.7N, 0.1, 80.61E, 0.08, h10km, n20,
r143/28, 3C-3D, Southern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like SHLS Shalkode, SHLS Shalkode, SHLS Shalkode, PDGK Podgornoye, UZB Uzynbulak, UZB Uzynbulak, UZB Uzynbulak, SATY Saty, SATY Saty, KPKS Kokpek, KPKS Kokpek, KURS Kuram, KURS Kuram, DJR Jarkent, DJR Jarkent, DJR Jarkent, KNOS Konyrien, BLB Baldybastay, MDOK Medeo, MDOK Medeo, TNSS Tian-Shan, TNSS Tian-Shan, KST KasteK, KST KasteK, AAK Ala-Archa, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array.

IDC 08 02:19:40.8, 11.0, 24°31'S; 179°63'E, h590km, 131km,
mb2.8/5, mbtmp3.8/5, Error ellipse: s-maj=62.0km,
s-min=38.7km, az=53.0,
ISC 08 02:19:41.2, 1.1, 24.3S; 0.3, 179.6E; 0.2, h600km, n7,
r056/7, mb3.3/5, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, GQSA South Pole Qui, TXAR Lajitas Array, HFS Hagfors, EKA Eskdaleuir Arr.

ATH 08 02:24:45.6, 35°23'N; 24°19'E, h5km, 1km, ML2.7/5, Latitude
uncertainty: 0 km; Longitude uncertainty: 0 km
THE 08 02:24:46.7, 35°N; 2°42'E, h2km, 2km, M2.6/10,
MLh2.6/10,
ISC 08 02:24:45.9, 1.0, 35°25'N; 0°03'24.18E; 0.03, h9km, 83km,
n32, r095/48, Crete

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like VAM Vamos, CHNB Souda.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like CHNB Iera Moni Meta, IMMV Iera Moni Meta, CHN1 Chania, GVD Gavdhos, IDI Anoyia, IDI Anoyia, ANKY Antikythira Is, ANKY Antikythira Is, ANKY Antikythira Is, NPS Neapolis, MHLO Agia Marina, M, THRE Thira Island, SAP3 Santorini-Thir, SAP3 Nea Kammeni, S, THR3 Thira Island, THRA Ancient Thera, THRA Ancient Thera, THRA Ancient Thera, THR8 Santorini-Mono, THR8 Santorini-Mono, ZKR Zakros, VLI Veliai, VLI Veliai, MET6 Megalochlori, Me, MET6 Makryloggros, Me, PVL05 Pyllos, ITM Ithomi, DION Dionisos Attik, VILL Villav, KLV Kalavryta, Ach, DRO Drossia.

IDC 08 02:27:19.2, 6.37, 49°N; 142°57'E, h0km, mb3.7/3,
mbtmp3.6/4, ML2.5/1, Error ellipse: s-maj=65.8km,
s-min=31.3km, az=64.0,
JMA 08 02:27:26.0, 0.2, 37.4N; 0°5'14.1'E; 0.9, h34km, 3km,
MV3.5/37, E OFF FUKUSHIMA PREF
ISC 08 02:27:26.2, 1.37, 41°N; 0°06'14.204E; 0.09, h15km, 12km,
n22, r131/25, mb3.7/3, 3D, Off east coast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like JFK Kawauchi, JFK Kawauchi, JMST Minamisoumatoc, JIKH Ishinomaki, ONJ Onizushima, JMM Marumori, JMM Ouri, JOTO OTAMA OYAMA, JOTO OTAMA OYAMA, JOU Okura, JMK Ichinoseki, JVS Shirataka, JYS Shirataka, JFY Yanaizu, JYK Kaneyama, MJAR Matsushiro Arr, MJAR Matsushiro Arr, H11N2 WAKE ISLAND Hy 27.92 122, H11N1 WAKE ISLAND Hy 27.93 122, H11N3 WAKE ISLAND Hy 27.93 122, H11S1 WAKE ISLAND Hy 28.65 124, H11S3 WAKE ISLAND Hy 28.65 124, H11S2 WAKE ISLAND Hy 28.67 124, MKAR Makanchi Array, WRA Warramunga Arr, KURBB Kurchatov Arr, WRA Warramunga Arr.

SOME 08 02:34:57.2, 42°12'N; 81°33'E, h25km
N1C 08 02:34:58.0, 1.5, 42°16'N; 81°41'E, h0km, mb3.6, mpv3.4,
Error ellipse: s-maj=10.9km, s-min=9.0km, az=160.0,
ISC 08 02:34:58.1, 2.2, 42°13'N; 0°09'81.19E; 0.08, h8km, 12km,
n25, r145/37, 7C-6D, Northern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like SHLS Shalkode, SHLS Shalkode, SHLS Shalkode, PDGK Podgornoye, UZB Uzynbulak, UZB Uzynbulak, SATY Saty, SATY Saty, KPKS Kokpek, KPKS Kokpek, KPKS Kokpek, DJR Jarkent, DJR Jarkent, DJR Jarkent, KURS Kuram, KURS Kuram, KNOS Konyrien, KNOS Konyrien, BLB Baldybastay, BLB Baldybastay.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like ARXS Arharly, ARXS Arharly, ARXS Arharly, ARXS Arharly, MDOK Medeo, MDOK Medeo, TNSS Tian-Shan, TNSS Tian-Shan, TNSS Tian-Shan, TDK Taldyqorghhan, TDK Taldyqorghhan, KST KasteK, KST KasteK, MAKZ Makanchi, MAKZ Makanchi, MK31 Makanchi Array, MK31 Makanchi Array, AAK Ala-Archa, AAK Ala-Archa, KURBB Kurchatov Arra, KURBB Kurchatov Arra, KURK Kuratov, KURK Kuratov.

IDC 08 02:45:26.4, 1.7, 0°10'N; 17°21'W, h0km, mb3.8/5,
mbtmp3.9/6, ML4.3/1, MS3.8/4, Error ellipse: s-maj=56.6km,
s-min=24.5km, az=152.0,
ISC 08 02:45:27.4, 2.1, 0°00'N; 0°17'3W; 0.2, h10km, n16, r056/8,
mb3.8/4, MS3.8/4, North of Ascension Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like H10N2 ASCENSION HYDR 8.30 160, H10N3 ASCENSION HYDR 8.30 160, H10N1 ASCENSION HYDR 8.31 160, H10S3 ASCENSION HYDR 9.30 164, H10S2 ASCENSION HYDR 9.31 164, DBIC Dimbokro, DBIC Dimbokro, TORO Torodi Arr, TORO Torodi Arr, MDT Midelt, MDT Midelt, BOSA Boshov, BOSA Boshov, GERES GERESS Array B, GERES GERESS Array B, BRTR Keskin Array B, BRTR Keskin Array B, KVAR Kislovodsk Arr, KVAR Kislovodsk Arr, FINES FINESS Array B, FINES FINESS Array B, AAK Ala-Archa, AAK Ala-Archa, YKA Yellowknife Arr, YKA Yellowknife Arr, WRA Warramunga Arr, WRA Warramunga Arr.

IDC 08 02:49:09.8, 3.4, 4°80'S; 150°46'E, h0km, mb3.6/3,
mbtmp3.7/3, Error ellipse: s-maj=95.2km, s-min=51.6km,
az=104.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, TORO Torodi Arr.

IDC 08 02:49:16.4, 0.6, 8°68'S; 74°96'W, h126km, 6km, mb4.0/20,
mbtmp4.4/25, MS3.5/3, Error ellipse: s-maj=11.5km,
s-min=7.9km, az=70.0,
NEIC 08 02:49:17.1, 2.1, 8°69'S; 0°06'74°97'W; 0.07, h124km, 5km,
mb4.7/254, Error ellipse: s-maj=9.8km, s-min=8.7km,
az=70.0,
VAO 08 02:49:18.6, 0.2, 8°57'S; 74°52'W, h126km, 1km, mb4.6,
Presumed earthquake
OSUNB 08 02:49:19.4, 0.8, 8°58'S; 74°69'W, h145km, 6km, mb4.7/18,
Error ellipse: s-maj=5.5km, s-min=6.5km, az=0.0,
ISC 08 02:49:16.1, 0.5, 8°66'S; 0°04'74°86'W; 0.03, h123km, 4km,
h123km; p-P, n497, r1917/17, mb4.7/137, 5D, Peru-Brazil
border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like CZSB Cruzeiro do Su, CZSB Cruzeiro do Su, CZSB Cruzeiro do Su, CZSB Cruzeiro do Su, ATAH Atahualpa, ATAH Atahualpa, NNA Nana, NNA Nana, NNA Nana, MCRA Macar, Loja, MCRA Macar, Loja, SLOR San Lorenzo - S, SLOR San Lorenzo - S, CASC Dorado de Casc, CASC Dorado de Casc.

8cd 2h

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like PPLP, OTAV, PAC1, etc.

2020 MAY

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like TXAR, PLPT, ABTX, etc.

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Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like PINE, FFC, KCCD, etc.

J29N	Klondike Camp	86.71 337	P	P	03 01 46.7 +0.8
BVCA	Beaver Creek	86.86 335	P	P	03 01 46.3 -0.3
EKA	Eskdalemuir Ar	86.87 33	P	P	03 01 46.5 -0.3
DAWY	Dawson	86.99 337	P	P	03 01 47.0 -0.2
INK	Inuvik	87.00 341	I	Amb	03 01 47.6
INK	Inuvik	87.00 341	P	P	03 01 47.2 +0.1
NEEM	North Greenlan	87.03 5	i	P	03 01 47.9 +0.5
NEEM	Eagle Plains	87.08 339	P	P	03 01 47.5 -0.1
CRQE	Cirque	87.15 333	P	P	03 01 48.2 0.0
I29M	Ogilvie Camp	87.17 338	P	P	03 01 48.4 +0.4
M27K	Edge Creek, AK	87.27 335	P	P	03 01 48.4 -0.3
MCARA	McCarthy VSAT	87.37 333	P	P	03 01 48.9 -0.2
F30M	Barrier River	87.37 340	I	Amb	03 01 49.9
F30M	Barrier River	87.37 340	P	P	03 01 49.0 0.0
KAIM	Kayak Island	87.44 332	P	P	03 01 50.3 -0.1
BCAR	Beaver Creek A	87.52 335	P	P	03 01 50.6 +0.8
L27K	Beaver Creek	87.54 335	P	P	03 01 49.8 -0.1
H29M	Whitestone	87.59 339	P	P	03 01 49.7 -0.3
M26K	Nabesna, AK	87.76 334	P	P	03 01 50.7 -0.3
G29M	Pine Creek	87.79 339	I	Amb	03 01 51.3
G29M	Pine Creek	87.79 339	P	P	03 01 51.2 +0.2
I28M	Miner Creek	87.81 338	I	Amb	03 01 55.4
I28M	Miner Creek	87.81 338	P	P	03 01 51.3 +0.1
BMRM	Bremner River	87.92 333	P	P	03 01 51.4 -0.4
L26K	Log Cabin Wild	88.16 335	I	Amb	03 01 53.8
L26K	Log Cabin Wild	88.16 335	P	P	03 01 52.4 -0.4
Q23K	Middleton Isla	88.38 331	P	P	03 01 53.0 +0.2
VNDA	Vanda	88.39 190	P	P	03 01 53.5 -0.2
E29M	Blow River	88.45 341	P	P	03 01 53.7 -0.4
I27K	Kandik River	88.51 338	I	Amb	03 01 55.8
I27K	Kandik River	88.51 338	P	P	03 01 55.2 +0.7
HARP	HAARP	88.69 334	P	P	03 01 56.1 +0.8
KLRL	Klutina	88.70 333	P	P	03 01 55.6 +0.1
SSB	Saint Sauveur	88.71 44	P	P	03 01 56.2 +0.4
SSB	Saint Sauveur	88.71 44	I	Amb	03 01 57.1
H27K	Steamboat Moun	88.74 338	P	P	03 01 55.8 +0.2
F28M	Old Crow	88.75 340	I	Amb	03 01 56.1
F28M	Old Crow	88.75 340	P	P	03 01 55.3 -0.2
SCRK	Sand Creek	88.79 336	I	Amb	03 01 56.7
SCRK	Sand Creek	88.79 336	P	P	03 01 56.1 +0.2
P23K	Montague Islan	88.87 331	P	P	03 01 56.1 -0.1
I26K	Coal Creek Min	88.98 337	P	P	03 01 57.2 +0.6
GLI	Glacier Island	89.02 332	P	P	03 01 57.0 +0.1
M24K	Tolsona, Glenn	89.03 334	P	P	03 01 57.4 +0.3
G27K	Doyon Strip	89.03 339	I	Amb	03 01 57.3
G27K	Doyon Strip	89.03 339	P	P	03 01 56.3 -0.6
PAX	Paxson	89.03 334	I	Amb	03 01 57.5
PAX	Paxson	89.03 334	P	P	03 01 57.0 0.0
RIDG	Independent Ri	89.06 335	P	P	03 01 56.6 -0.4
E28M	Babbage River	89.08 341	I	Amb	03 01 57.3
E28M	Babbage River	89.08 341	P	P	03 01 56.6 -0.4
D28M	Stokes Point	89.16 341	P	P	03 01 57.5 +0.2
DBG	Daneborg	89.33 13	i	P	03 01 58.8 +0.8
DBG	Daneborg	89.33 13	I	Amb	03 01 59.8
SCM	Sheep Creek Mo	89.45 333	P	P	03 01 58.6 -0.3
K24K	Donnelly Dome	89.46 335	P	P	03 01 58.7 -0.2
TSUM	Tsumeb	89.48 109	P	P	03 02 00.8 +0.6
TSUM	Tsumeb	89.48 109	I	Amb	03 02 01.7
J25K	Salcha River	89.59 336	P	P	03 01 59.7 +0.1
E27K	Coleen River	89.59 340	P	P	03 01 59.0 -0.5
M23K	Glacier View	89.61 333	P	P	03 01 59.4 -0.3
KNK	Knik Glacier	89.82 333	P	P	03 02 00.1 -0.6
D27M	Malcolm River	89.83 341	I	Amb	03 02 01.8
D27M	Malcolm River	89.83 341	P	P	03 02 00.5 -0.1
G26K	Porcupine Rive	89.86 338	P	P	03 02 00.3 -0.3
WAT6	Susitna Watana	89.88 334	P	P	03 02 00.7 -0.3
SEW	Seward	89.88 331	P	P	03 02 00.4 -0.4
DHL	Denali Highway	89.89 334	P	P	03 02 00.6 -0.5
SMY	Sawmill	89.89 333	P	P	03 02 00.9 -0.1
PRP	Porcupine Dome	89.89 337	I	Amb	03 02 02.4
PRP	Porcupine Dome	89.89 337	P	P	03 02 01.6 +0.2
HDA	Harding Lake	90.16 336	P	P	03 02 02.6 +0.5
PMR	Palmer	90.19 333	P	P	03 02 02.7 +0.5
IL31	Palmer	90.25 336	I	Amb	03 02 03.2
ILAR	Eielson Array	90.25 336	P	P	03 02 01.9 -0.7
F26K	Sheenjek River	90.28 339	I	Amb	03 02 04.0
F26K	Sheenjek River	90.28 339	P	P	03 02 02.7 0.0
WAT1	Susitna Watana	90.31 334	P	P	03 02 03.0 +0.1
BRSE	Bradley Lake S	90.40 331	P	P	03 02 03.6 +0.3
CCB	Clear Creek Bu	90.58 336	I	Amb	03 02 05.2
POKR	Poker Plat Res	90.59 336	P	P	03 02 04.3 +0.2
G25K	Bearman Lake	90.64 338	P	P	03 02 05.1 +0.8
COLA	College	90.68 336	P	P	03 02 04.8 +0.4
MCK	McKinley	90.76 335	P	P	03 02 04.6 -0.3

F25K	Christian Rive	90.77 339	P	P	03 02 05.0 0.0
KD4K	Kodiak Island	90.79 328	P	P	03 02 05.4 +0.2
HOM	Homer	90.81 330	P	P	03 02 05.1 -0.1
C27K	Jago River	90.87 341	I	Amb	03 02 06.7
C27K	Jago River	90.87 341	P	P	03 02 05.6 +0.2
CAPN	Captain Cook N	90.88 332	P	P	03 02 05.4 -0.1
E25K	Arctic Village	90.93 339	I	Amb	03 02 07.3
E25K	Arctic Village	90.93 339	P	P	03 02 06.2 +0.5
CUT	Chulitna	90.94 333	P	P	03 02 05.6 -0.2
H24K	Noodor Dome	91.00 337	P	P	03 02 06.3 +0.2
OHAK	Old Harbor	91.01 328	P	P	03 02 06.1 -0.1
NEA2	Nezana	91.08 335	I	Amb	03 02 06.7
NEA2	Nezana	91.08 335	P	P	03 02 06.7 +0.2
DAG	Danmarks Havn	91.09 11	i	P	03 02 06.0 -0.1
DAG	Danmarks Havn	91.09 11	I	Amb	03 02 06.7
ECH	Echery	91.11 41	I	Amb	03 02 07.8
G24K	Hadweenzic Riv	91.13 338	I	Amb	03 02 08.2
G24K	Hadweenzic Riv	91.13 338	P	P	03 02 06.7 +0.1
L22K	Petersville	91.20 333	P	P	03 02 06.5 -0.5
TRF	Thorofare Moun	91.26 334	P	P	03 02 07.7 +0.2
KOOL	Kule	91.27 113	P	P	03 02 09.0 +0.5
SII	Sitkinak Islan	91.33 327	P	P	03 02 07.6 -0.1
C26K	Camden Bay	91.37 341	P	P	03 02 08.5 +0.9
I23K	Minto Yukon-K	91.37 336	P	P	03 02 07.8 +0.1
SKT	Skwentna	91.39 333	P	P	03 02 07.8 -0.1
O20K	Slope Mountain	91.40 331	P	P	03 02 08.1 0.0
SPCR	Spurr Chakacha	91.49 332	P	P	03 02 08.9 +0.4
F24K	Squaw Lake	91.56 338	P	P	03 02 09.0 +0.4
Q19K	Cape Douglas,	91.62 329	P	P	03 02 09.2 +0.1
D25K	Kavik River	91.64 340	P	P	03 02 09.2 +0.3
H23K	Yukon River	91.65 337	P	P	03 02 09.2 +0.1
BPAW	Bear Paw Mtn.	91.74 335	P	P	03 02 09.6 +0.1
MLY	Manley	91.90 336	P	P	03 02 10.4 +0.2
PPLA	Purkeypile	91.93 333	P	P	03 02 10.9 +0.3
CHIR	Chirikof Islan	91.95 326	P	P	03 02 10.4 -0.2
E24K	Your Creek	91.95 339	P	P	03 02 11.1 +0.7
M20K	Styx River	92.10 332	P	P	03 02 11.7 +0.5
G23K	Bananza Creek	92.10 337	I	Amb	03 02 12.7
G23K	Bananza Creek	92.10 337	P	P	03 02 12.1 +1.0
CHUM	Lake Minchumin	92.24 334	P	P	03 02 12.8 +1.0
TUE	Stuetta	92.24 43	P	P	03 02 12.8 +0.3
TUE	Stuetta	92.24 43	I	Amb	03 02 13.5
O19K	Port Alsworth	92.25 331	P	P	03 02 12.4 +0.6
E23K	Chandalar	92.35 339	P	P	03 02 12.8 +0.5
H22K	Ishlaltina Cre	92.39 336	P	P	03 02 12.6 +0.1
D19K	Happy Valley	92.41 340	P	P	03 02 13.3 +0.9
N24K	Gonanz Creek	92.47 331	P	P	03 02 14.4 +0.3
GRTLK	Ghanzi	92.48 112	P	P	03 02 13.5 +0.3
TOLK	Toolik Lake Re	92.51 339	P	P	03 02 13.3 +0.3
C24K	Franklin Bluff	92.54 340	P	P	03 02 13.3 +0.3
O18K	Kokuh Hills	92.61 330	P	P	03 02 14.1 +0.5
K20K	Telida	92.87 334	P	P	03 02 15.0 +0.2
H21K	Neluzitna Rive	92.90 336	P	P	03 02 15.0 +0.2
D23K	Manoshuk River	92.99 339	P	P	03 02 15.7 +0.6
N18K	Kilae Creek	93.12 331	P	P	03 02 16.7 +0.8
F22K	John River	93.13 338	P	P	03 02 16.1 +0.2
E22K	Anaktuvuk Pass	93.16 339	P	P	03 02 16.0 0.0
C23K	Ikhillik River	93.21 340	P	P	03 02 16.6 +0.5
O17K	Koliganek Bris	93.53 330	P	P	03 02 17.8 0.0
F21K	Alatna River	93.55 338	P	P	03 02 18.4 +0.6
CHGN	Chignik	93.58 326	P	P	03 02 18.3 +0.3
J19K	Pooman	93.69 334	P	P	03 02 18.9 +0.5
H20K	Antoleneega Mo	93.70 336	P	P	03 02 18.8 +0.2
N17K	Nushagak Hills	93.72 331	P	P	03 02 19.0 +0.4
L18K	Granite Mounta	93.81 332	P	P	03 02 19.9 +0.9
CHNA	Chernabura Isl	93.99 325	P	P	03 02 20.0 0.0
O16K	Kokwok River B	93.99 330	P	P	03 02 20.1 +0.2
M17K	Holitna River	94.00 331	P	P	03 02 20.1 +0.1
E21K	Killik River	94.02 339	I	Amb	03 02 20.6
E21K	Killik River	94.02 339	P	P	03 02 20.0 +0.1
S14K	Fog Glacier	94.20 326	P	P	03 02 21.0 -0.1
B22K	Teshkepuk Lake	94.27 341	P	P	03 02 21.2 +0.3
H19K	Roundabout Mou	94.35 336	P	P	03 02 21.3 -0.1
F20K	Avaraat Lake	94.36 337	P	P	03 02 21.7 +0.2
C21K	Knifeblade Rid	94.46 339	P	P	03 02 22.6 +0.7
B21K	Ikkipuk River	94.51 340	I	Amb	03 02 22.3
B21K	Ikkipuk River	94.51 340	P	P	03 02 23.0 +0.3
K17K	Iditarod	94.63 333	P	P	03 02 23.1 +0.3
G19K	Purcell Mounta	94.72 336	P	P	03 02 23.6 +0.5
E20K	Nigu River	94.78 334	P	P	03 02 24.1 +0.7
A22K	Sinclair Lake	94.92 341	P	P	03 02 24.4 +0.5
L16K	Owhat River	95.01 332	P	P	03 02 25.1 +0.6
E19K	Redstone River	95.02 337	P	P	03 02 24.8 +0.4
D20K	Etiwuk River	95.02 339	P	P	03 02 24.5 0.0
H18K	Honhosa River	95.07 335	P	P	03 02 25.2 +0.4

G18K	Tagagawik	95.31 336	P	P	03 02 26.2 +0.3
B20K	Meade River	95.45 340	P	P	03 02 26.8 +0.4
D19K	Kuna River	95.53 338	P	P	03 02 27.0 +0.2
O14K	Tiguykaiuvit M	95.54 329	P	P	03 02 27.3 +0.3
NB2	NORSAR Subarra	95.61 29	P	P	03 02 28.0 +0.6
NOA	NORSAR Array B	95.61 29	P	P	03 02 27.4 +0.1
J16K	Anvik River	95.76 333	P	P	03 02 27.9 0.0
F18K	Selawik	95.82 336	P	P	03 02 28.1 0.0
N14K	Kuskokwak Cree	95.84 330	P	P	03 02 28.5 +0.2
I17K	Unalakleet	95.88 334	P	P	03 02 28.6 +0.2
L15K	Ungalak Mounta	95.96 331	P	P	03 02 28.9 0.0
K15K	Wolf Creek Mou	96.05 332	P	P	03 02 29.1 -0.1
G17K	Kwakiw Mounta	96.07 335	P	P	03 02 29.2 -0.1
M14K	Bethel	96.07 330	P	P	03 02 29.3 0.0
C19K	Lookout Ridge	96.15 339	I	Amb	03 02 31.1
C19K	Lookout Ridge	96.15 339	P	P	03 02 29.2 -0.4
FALS	Falke Pass	96.18 324	P	P	03 02 29.0 -1.0
E18K	Tupahlearik C	96.18 337	P	P	03 02 30.1 -0.2
F17K	Baldwin Pennin	96.43 336	P	P	03 02 30.9 0.0
H16K	Chukchi	96.64 334	P	P	03 02 31.5 -0.3
C18K	Utukok River	96.67 338	P	P	03 02 32.0 0.0
E17K	Hotham Inlet	96.73 337	P	P	03 02 31.9 -0.3
G16K	Koyuk River	96.77 335	P	P	03 02 32.3 -0.1
A19K	Wainwright	96.80 340</			

moment-rate function
GII 08 03:14:24.2.0.0.33:996N.0:002:25:932E:0:001,h0km,
MWS4.8,confirmed
NAO 08 03:14:49.8.36:24N:22:50E,h33km,MB3.5
ISC 08 03:14:22.5.0.6.34:08N.0:003:25:60E:0.03,h13km,3km,
h13km;p-P,n1025,1f80/988,mb5.0/222,MS4.2/50,
29C-27D,Crete

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h m s, Res. Includes stations like BRTR Keskin Array B, BR131 Keskin Array S, PLNA Plana, etc.

Table with columns: ANN, pmax, pmax. Includes stations like BEHE Becehely, NSLU Nyzhne Selyshc, TRSU Trosnyk, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WATA, TREST, CKRC, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WORD, SSB, VSR, NEUB, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ESDC, VSU, PAB, etc.

8d 3h

2020 MAY

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SUF, ODD1, SKAR, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HHC, HHC, SUR, etc.

C18K	Utukok River	77.46	3	I	Amb	I	Amb	03 26 23.0
C18K	Utukok River	77.46	3	P	P	P	P	03 26 18.3 +1.0
D20K	Etiulik River	77.50	1	I	Amb	I	Amb	03 26 26.4
D20K	Etiulik River	77.50	1	P	P	P	P	03 26 18.5 +1.1
TOLK	Toolik Lake Res	77.53	3	P	P	P	P	03 26 18.0 +0.4
C17K	DeLong Mountain	77.55	3	P	P	P	P	03 26 18.9 +1.3
F31M	Tsigienthic	77.59	352	P	P	P	P	03 26 19.1 +1.3
E27K	Coleen River	77.60	355	I	Amb	I	Amb	03 26 26.9
E27K	Coleen River	77.60	355	P	P	P	P	03 26 19.2 +1.3
C16K	Lisburne Hills	77.63	4	P	P	P	P	03 26 19.3 +1.3
F30M	Barrier River	77.65	353	I	Amb	I	Amb	03 26 26.6
F30M	Barrier River	77.65	353	P	P	P	P	03 26 18.9 +0.6
D19K	Kuna River	77.70	1	I	Amb	I	Amb	03 26 26.9
D19K	Kuna River	77.70	1	P	P	P	P	03 26 19.2 +0.6
E21K	Killik River	77.79	360	P	P	P	P	03 26 19.7 +0.6
E25K	Arctic Village	77.90	357	I	Amb	I	Amb	03 26 28.8
E25K	Arctic Village	77.90	357	P	P	P	P	03 26 21.2 +1.5
E20K	Nigu River	77.97	1	P	P	P	P	03 26 21.1 +1.0
RDQG	Red Dog Mine	77.98	3	P	P	P	P	03 26 21.1 +1.0
F28M	Old Crow	78.03	354	I	Amb	I	Amb	03 26 25.9
F28M	Old Crow	78.03	354	P	P	P	P	03 26 21.3 +0.9
E24K	Your Creek	78.06	358	I	Amb	I	Amb	03 26 29.8
E24K	Your Creek	78.06	358	P	P	P	P	03 26 20.7 +0.1
E22K	Anaktuvuk Pass	78.08	359	P	P	P	P	03 26 21.0 +0.4
E23K	Chandalar	78.11	358	I	Amb	I	Amb	03 26 27.4
E23K	Chandalar	78.11	358	P	P	P	P	03 26 21.7 +0.8
G31M	Satah River	78.15	352	I	Amb	I	Amb	03 26 28.5
G31M	Satah River	78.15	352	P	P	P	P	03 26 21.5 +0.6
F26K	Sheenjek River	78.25	356	P	P	P	P	03 26 23.2 +1.6
G30M	tAoh Zraik Niji	78.31	353	I	Amb	I	Amb	03 26 27.3
G30M	tAoh Zraik Niji	78.31	353	P	P	P	P	03 26 22.8 +0.8
D17K	Noatak River	78.33	3	P	P	P	P	03 26 22.8 +0.9
F25K	Christian River	78.43	357	P	P	P	P	03 26 24.0 +1.4
YKAW3	Yellowknife Wh	78.53	342	I	Amb	I	Amb	03 26 31.6
BMAR	Burnt Mountain	78.53	356	P	P	P	P	03 26 25.0 +1.8
G29M	Pine Creek	78.55	353	I	Amb	I	Amb	03 26 49.2
G29M	Pine Creek	78.55	353	P	P	P	P	03 26 24.3 +1.0
YKA	Yellowknife Ar	78.59	342	P	P	P	P	03 26 23.9 +0.5
YKA	Yellowknife Ar	78.59	342	P	P	P	P	03 26 24.0 +0.5
YKA	Yellowknife Ar	78.59	342	P	P	P	P	03 26 23.8 +0.3
F24K	Squaw Lake	78.60	357	I	Amb	I	Amb	03 26 33.0
F24K	Squaw Lake	78.60	357	P	P	P	P	03 26 25.1 +1.6
KSRS	Korea Array	78.65	52	P	P	P	P	03 26 25.1 +0.8
KSRS	Korea Array	78.65	52	P	P	P	P	04 06 18.0
E18K	Tukpahleark C	78.71	2	P	P	P	P	03 26 25.1 +1.0
F22K	John River	78.72	359	P	P	P	P	03 26 25.3 +1.1
E19K	Redstone River	78.76	1	I	Amb	I	Amb	03 26 33.1
E19K	Redstone River	78.76	1	P	P	P	P	03 26 25.8 +1.4
EPYK	Eagle Plains	78.95	353	I	Amb	I	Amb	03 26 33.1
EPYK	Eagle Plains	78.95	353	P	P	P	P	03 26 26.3 +0.8
G27K	Doyon Strip	78.96	355	I	Amb	I	Amb	03 26 34.7
G27K	Doyon Strip	78.96	355	P	P	P	P	03 26 26.5 +1.0
G26K	Porcupine Rive	78.96	356	I	Amb	I	Amb	03 26 32.4
G26K	Porcupine Rive	78.96	356	P	P	P	P	03 26 27.7 +2.2
E17K	Hotham Inlet	79.00	3	P	P	P	P	03 26 26.9 +1.2
F21K	Alatna River	79.01	360	I	Amb	I	Amb	03 26 35.0
F21K	Alatna River	79.01	360	P	P	P	P	03 26 27.5 +1.7
F20K	Avaraart Lake	79.19	1	I	Amb	I	Amb	03 26 32.7
F20K	Avaraart Lake	79.19	1	P	P	P	P	03 26 28.3 +1.6
H31M	Peel River	79.23	352	P	P	P	P	03 26 28.5 +1.5
H29M	Whitestone	79.26	353	P	P	P	P	03 26 28.4 +1.2
G25K	Bearman Lake	79.28	357	P	P	P	P	03 26 28.9 +1.7
G22K	Bettles	79.30	359	P	P	P	P	03 26 28.5 +1.2
Q56A	Snyder Ridge	79.35	310	P	P	P	P	03 26 29.6 +1.4
Q56A	Snyder Ridge	79.35	310	I	Amb	I	Amb	03 26 44.2
F19K	Shalercukik Mo	79.37	1	I	Amb	I	Amb	03 26 36.0
F19K	Shalercukik Mo	79.37	1	P	P	P	P	03 26 29.1 +1.3
G24K	Hadweenzic Riv	79.40	357	P	P	P	P	03 26 29.0 +1.1
G23K	Bananza Creek	79.47	358	P	P	P	P	03 26 29.5 +1.1
H27K	Steamboat Moun	79.52	355	I	Amb	I	Amb	03 26 37.4
H27K	Steamboat Moun	79.52	355	P	P	P	P	03 26 29.7 +1.1
F18K	Selawik	79.56	2	P	P	P	P	03 26 29.1 +0.3
F17K	Baldwin Pennin	79.66	3	P	P	P	P	03 26 30.6 +1.4
G21K	Allakaket	79.72	360	I	Amb	I	Amb	03 26 38.6
G21K	Allakaket	79.72	360	P	P	P	P	03 26 31.0 +1.3
WRGLY	Wrigley	79.93	346	P	P	P	P	03 26 31.2 +0.4
I30M	Mount Dempster	80.03	352	P	P	P	P	03 26 32.0 +0.5
G19K	Purcell Mountain	80.08	1	P	P	P	P	03 26 32.3 +0.7
G19K	Purcell Mountain	80.08	1	P	P	P	P	03 26 32.4 +0.8
I29M	Ogilvie Camp	80.09	353	I	Amb	I	Amb	03 26 40.1
I29M	Ogilvie Camp	80.09	353	P	P	P	P	03 26 31.9 +0.2
TNA	Tin City	80.13	6	P	P	P	P	03 26 32.9 +1.1
I27K	Kandik River	80.15	355	I	Amb	I	Amb	03 26 41.0
I27K	Kandik River	80.15	355	P	P	P	P	03 26 32.4 +0.4
I28M	Miner Creek	80.16	354	P	P	P	P	03 26 32.6 +0.5

F15K	North Star Dit	80.22	4	P	P	P	P	03 26 33.2 +0.8
IMAR	Indian Mountain	80.26	360	P	P	P	P	03 26 34.1 +1.5
H24K	Noodah Dome	80.28	357	P	P	P	P	03 26 33.0 +0.9
G18K	Tagagawik	80.30	2	I	Amb	I	Amb	03 26 26.0
G18K	Tagagawik	80.30	2	P	P	P	P	03 26 33.3 +0.5
H22K	Ishlaltina Cre	80.32	359	I	Amb	I	Amb	03 26 42.7
H22K	Ishlaltina Cre	80.32	359	P	P	P	P	03 26 33.2 +0.2
F14K	Arctic Creek	80.34	5	P	P	P	P	03 26 33.6 +0.6
H23K	Yukon River	80.35	358	I	Amb	I	Amb	03 26 42.7
H23K	Yukon River	80.35	358	P	P	P	P	03 26 34.3 +1.2
PRP	Porcupine Dome	80.49	356	I	Amb	I	Amb	03 26 40.2
PRP	Porcupine Dome	80.49	356	P	P	P	P	03 26 35.1 +1.1
I26K	Coal Creek Min	80.55	355	P	P	P	P	03 26 35.4 +1.3
H21K	Melozitna Riv	80.58	359	P	P	P	P	03 26 36.0 +1.7
G17K	Kiwalik Mouna	80.63	3	P	P	P	P	03 26 36.1 +1.5
J30M	Hart River	80.65	352	I	Amb	I	Amb	03 26 43.4
J30M	Hart River	80.65	352	P	P	P	P	03 26 35.6 +0.8
G16K	Koyuk River	80.66	3	P	P	P	P	03 26 36.1 +1.4
H19K	Roundabout Mou	80.71	1	I	Amb	I	Amb	03 26 42.8
H19K	Roundabout Mou	80.71	1	P	P	P	P	03 26 36.3 +1.3
H20K	Andanega Mo	80.75	0	P	P	P	P	03 26 36.6 +1.4
FFC	Flin Flon	80.76	332	P	P	P	P	03 26 36.4 +1.0
FFC	Flin Flon	80.76	332	P	P	P	P	03 26 36.2 +0.8
G15K	Niukluk	80.97	4	P	P	P	P	03 26 37.2 +0.9
J29N	Klondike Camp	80.97	353	P	P	P	P	03 26 37.8 +1.3
POKR	Poker Plat Res	80.98	357	P	P	P	P	03 26 37.7 +1.2
I23K	Minto, Yukon-K	81.02	358	P	P	P	P	03 26 37.8 +1.2
H18K	Honhosa River	81.05	2	P	P	P	P	03 26 37.8 +1.0
I21K	Tanana	81.05	359	I	Amb	I	Amb	03 26 46.1
I21K	Tanana	81.05	359	P	P	P	P	03 26 38.4 +1.6
MLY	Manley	81.18	358	P	P	P	P	03 26 39.1 +1.5
COLA	College	81.24	357	P	P	P	P	03 26 39.0 +1.2
ILAR	Eielson Array	81.30	357	P	P	P	P	03 26 38.9 +0.7
ILAR	Eielson Array	81.30	357	P	P	P	P	03 29 47.2 +4.3
ILAR	Eielson Array	81.30	357	P	P	P	P	04 04 00.3
ANM	Nome	81.31	5	P	P	P	P	03 26 39.5 +1.3
J25K	Salcha River,	81.38	356	P	P	P	P	03 26 39.4 +0.7
ULM	Lac du Bonnet	81.41	326	P	P	P	P	03 26 38.7 -0.3
ULM	Lac du Bonnet	81.41	326	P	P	P	P	04 01 54.8
ULM	Lac du Bonnet	81.41	326	I	Amb	I	Amb	03 26 47.9
H16K	Clear	81.42	3	P	P	P	P	03 26 39.6 +0.9
CCB	Crab Creek Bu	81.47	357	I	Amb	I	Amb	03 26 47.4
DAWY	Dawson	81.47	353	I	Amb	I	Amb	03 26 47.5
DAWY	Dawson	81.47	353	P	P	P	P	03 26 39.8 +0.7
GCSA	Galena City Sc	81.48	1	P	P	P	P	03 26 40.2 +1.2
K29M	Barlow Dome	81.49	353	P	P	P	P	03 26 40.1 +0.8
GAMB	Gambell	81.51	8	P	P	P	P	03 26 40.1 +0.9
MAYO	Mayo, Yukon	81.55	352	P	P	P	P	03 26 40.6 +1.1
YSS	Yuzhno-Sakhali	81.56	38	eP	MLR	MLR	MLR	03 26 37.0 -2.8
NEA2	Nenana	81.57	358	I	Amb	I	Amb	03 26 48.1
NEA2	Nenana	81.57	358	P	P	P	P	03 26 41.1 +1.5
WRH	Wolver River Hill	81.65	357	I	Amb	I	Amb	03 26 48.4
HDA	Harding Lake	81.67	357	I	Amb	I	Amb	03 26 48.4
HDA	Harding Lake	81.67	357	P	P	P	P	03 26 41.2 +1.1
K27K	Chicken	81.74	355					

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KSP, CHVC, OSTO, UPIC, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like BJUU, KBA, SOKA, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like RPZ, AUNR, CTA, etc.

IDC 08 03:54:37.5±0.3, 6.61S:154.71E, h0km, mb3.6/2, mbmtpp3.6/2, Error ellipse: s-maj=175.0km s-min=49.0km az=129.0, Bougainville-Solomon Islands region

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

IDC 08 03:57:40.1±0.9, 49.14S:121.79E, h0km, mb4.2/7, mbmtpp4.2/7, MS3.7/19, Error ellipse: s-maj=43.6km s-min=17.0km az=105.0

NEIC 08 03:57:41.4±1.1, 49.15S:121.2E, 0.2, h10km, 1km, mb4.6/17, Error ellipse: s-maj=26.9km s-min=18.7km az=261.0

GCMT 08 03:57:42.0±0.3, 49.16S:121.64E:0.04, h21km, 2km, MW4.8/86, Moment Tensor Solution. s14,c15; s86,c105; Duration: 0 Moment tensor: Scale 10^16Nm; Mr,0.01±.13; Mw,0.88±.12; Mb,0.87±.13; Ms,0.51±.20; Mo, -1.98±.08; Mv, -0.33±.18; Best double couple: M=2.24500x10^16 Np1.3±0.03±0.0000°, s80.00000°, λ=170.00000°. NP2: T=1.590, Pl=0.0000°, Az=57.0000°, N=0.1710, Plg=5.0000°, Azp14.00000°, P=2.3300, Plg15.0000°, Azm32.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 08 03:57:42.2±0.7, 49.10S:0.09E:121.4E:0.1, h13km, n56, 139/32, mb4.4/12, MS3.8/21, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like H01W1, H01W2, H01W3, etc.

KRSC 08 04:12:42.1±0.9, 9.5209N:158.72E, h104km, 9km, MI3.8, Near east coast of Kamchatka Peninsula

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

RSNC 08 04:15:02.4±0.3, 5.5S:2.7W:1.7W, h0km M3.7, mb4.9, mb4.3, ML3.2, Mw(MB)4.1, Mw(Mwp)5.1, Mw(p)5.3

IDC 08 04:15:08.7±4.5, 5.84S:76.61E, h64km, 4.7km, mb3.2/3, mbmtpp3.5/6, ML3.1/3, MS2.8/1, Error ellipse: s-maj=38.1km s-min=19.3km az=27.0

ISC 08 04:15:06.4±0.8, 5.61S:0.05E:76.71W:0.06, h114km, n22, 258/30, Northern Peru

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, KURBB Kurchatov Arra, ILAR Eielson Array, etc.

IDC 08 08:01:13.2-3.2, 54.20N-87.28E, h0km, mbmp3.0/2, ML2.7/2, Error ellipse: s-maj=28.6km s-min=17.2km az=60.0

ASRS 08 08:01:11.0-1.1, 54.24N-87.10E, 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 ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

SJA 08 08:14:18.2-1.8, 29.37S-67.82W, h129km, 6km, ML3.3, MW3.5, La Rioja Province

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VCA Vinchina, AACL CERRO LA CRUZ, AANI Anilaco, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AC04 Llanos de Chal, CO02 Combarbal, TCA Tanti, etc.

ASRS 08 08:17:09.0-1.4, 53.77N-91.07E, h0km, M3.1(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022

IDC 08 08:17:09.7-3.8, 53.53N-91.46E, h0km, mbmp2.9/3, ML2.7/3, Error ellipse: s-maj=31.5km s-min=29.3km az=79.0

NNC 08 08:17:23.8-2.9, 53.39N-90.22E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=24.1km s-min=15.7km az=98.0, Suspected Mining explosion.

ISC 08 08:17:17.3-3.7, 53.77N-91.07E, h0km, n10, r151/12, 9C-2D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

IDC 08 08:50:19.0-0.3, 8.53S-59N-88.16E, h0km, mbmp2.6/3, ML2.1/3, Error ellipse: s-maj=38.4km s-min=24.5km az=80.0

ASRS 08 08:50:17.0-1.0, 53.70N-88.17E, 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 ZALV Zalesovo Beam, I46RU ZALESOVO INFRA, KURBB Kurchatov Arra, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

IDC 08 09:01:57.9-3.2, 3.20N-127.39E, h0km, mb3.9/3, mbmp3.9/3, Error ellipse: s-maj=157.6km s-min=56.1km az=73.0

NEIC 08 09:02:29.2-0.9, 2.7N-0.1, 128.63E-0.06, h226km, 10km, mb4.3/14, Error ellipse: s-maj=20.3km s-min=5.2km az=197.0

DJA 08 09:02:30.3-0.4, 3.14N-12.8E, h203km, 3km, M4.1/12, mb5.1/3, mb4.3/7, MLV3.9/12, Mw(mb)4.4/3

ISC 08 09:02:25.3-1.1, 2.94N-0.1, 128.81E-0.09, h200km, n29, r1509/32, mb4.3/8, Halmahera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TINTI Ternate, SAGSI Sangihe, GTOI Gorontalo, etc.

ASRS 08 09:03:56.0-1.0, 54.30N-86.73E, h0km, M2.6(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022

IDC 08 09:04:00.3-0.5, 54.34N-86.79E, h0km, mbmp2.8/2, ML2.6/2, Error ellipse: s-maj=29.5km s-min=16.2km az=60.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

NNC 08 09:25:52.0-1.2, 42.25N-81.30E, h0km, mb3.1, mpv2.7, Error ellipse: s-maj=9.3km s-min=4.8km az=160.0

SOME 08 09:25:52.0, 42.25N-81.30E, h0km, n9, r1574/18, 5C-2D, Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHLS Shalkode, PDGK Podgornoye, UZB Uzunbulak, etc.

503

Table with columns: ID, Name, Elevation, Azimuth, Distance, Direction, etc. Includes entries like HARP, K24K, G24K, etc.

2020 MAY

Table with columns: ID, Name, Elevation, Azimuth, Distance, Direction, etc. Includes entries like HYT, Haines Junctio, HYT, etc.

8d 10h

Table with columns: ID, Name, Elevation, Azimuth, Distance, Direction, etc. Includes entries like YKAW3, Yellowknife Wh, YKAW3, etc.

2020 MAY

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PFO, PFO, Pinyon Flats 0, 90.98 55 P, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like JAGI Jagaj, Banyuwa, 0.58 327 P, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like QLP Quilpie, 33.19 126 P, etc.

IDC 08 10:36:58.0:6.7, 33:06S:179:52E, h202km, 49km, mb3.3/5, mbtm3.9/6, Error ellipse: s-maj=63.7km s-min=21.2km az=40.0

WEL 08 10:37:00.4:0.7, 33:56S:180W:1.4, h207km, 15km, M4.3/17, mB4.9/15, ML4.3/17, MLV4.6/17, Mw(mB)4.1/15, Error ellipse: s-maj=19.0km s-min=5.1km az=109.1

ISC 08 10:38:07.0:5.3, 33:05S:0.0E:170.93E, h200km, n108, z205/110, mb4.2/16, 2C, South of Kermadec Islands

8d 11h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like XAN, TSUM, KAPI, etc.

2020 MAY

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KLR, NOA, MJAR, etc.

506

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

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like Malin Array Be, GERE'S Array B, DAVOX Davos/Dischmat, etc.

THE 08:11:56:45.6, 34°N, 6°22'E, h25km, M3.1/5, MLH3.1/5, Central Mediterranean Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Iera Moni Meta, Anoyia, Veliai, Vlachokerasia.

OSPL 08:12:07:38.6:0.6, 19°13'N, 67°11'W, h3km, 18km, ML3.8, Presumed earthquake
NEIC 08:12:07:39.9:1.9, 18°96'N, 0°04:67.55W, 0.03, h10km, 1km, ML3.5/1P, MD3.6(7/RSPR), Error ellipse: s-maj=6.9km, s-min=5.1km, az=207.0

RSPR 08:12:07:39.7, 19°04'N, 67°84'W, h19km, 26km, MD3.6/7, SDD 08:12:07:40.7, 18°97'N, 67°60'W, h15km, 20km, MD3.7, ML3.4, MW3.6, Presumed earthquake Hypocentre not reviewed by the ISC

ISC 08:12:07:38.8:1.7, 19°01'N, 0°07:67.55W, 0.04, h5km, 11km, n48, c048/58, 34C-1D, Mona Passage

Main table of station data with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC. Lists numerous stations including Isla Desecheo, Cabo Rojo, Magueyes, Guanica, etc.

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like Culebra, Puerto Santo Domingo, Loma La Naviza, Cabrera, BANI, Presa de Saban.

IDC 08:12:27:02.2:1.8, 59°97'N, 153°33'W, h110km, 28km, mb3.6/5, mbmp2.9/10, Error ellipse: s-maj=31.0km s-min=15.9km az=117.0

NEIC 08:12:27:03.0:0.7, 60°00'N, 0°04:153.03W, 0.07, h125km, 3km, mb3.8/4, ML3.4/170, ML3.3(AEIC), Error ellipse: s-maj=6.7km s-min=4.4km az=212.0

AEIC 08:12:27:04.4:0.8, 59°98'N, 0°04:153.08W, 0.07, h120km, 4km, Error ellipse: s-maj=6.0km s-min=5.0km az=147.0

ISC 08:12:27:03.0:0.7, 59.99N, 0.04:153.02W, 0.04, h127km, 5km, n216, c0998/191, mb3.9/6, Southern Alaska

Main table of station data with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC. Lists numerous stations including Iliamna Volcan, Iliamna Low So, Iliamna South, Slope Mountain, Redoubt Volcan, etc.

Main table of station data with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Lists numerous stations including Nushagak River, Petersville, Old Harbor, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JNKG Nichinankitago, JNAR Kushima-Naru, JTSN Tsuchino, etc.

IDD 08 16:24.5:2.3, 6:93S:129:93E, h101km, 26km, mb3.1/2, mbtmp3.7/7, Error ellipse: s-maj=28.3km s-min=20.2km az=113.0

ISC 08 16:18:22.5:0.9, 7:03S:106:130.2E:0.1, h104km, n7, #4507/12, Tanibar Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SJUI Sorong, BATI Bautama, FITZ Fitzroy Crossi, etc.

IDD 08 16:30:36.7:2.0, 31:90S:178:88W, h0km, mb3.8/3, mbtmp3.8/4, ML3.5/1, Error ellipse: s-maj=49.8km s-min=32.1km az=58.0

WEL 08 16:30:39.5:0.9, 32:5:17:8W:1.8, h12km, mb4.7/11, ML4.2/13, MLv4.2/8, Mw(MB)4.0/11, Error ellipse: s-maj=24.3km s-min=4.3km az=106.8

ISC 08 16:30:40.4:1.2, 32:41S:107:17W:0.2, h20km, n32, #1537/34, mb3.9/3, South of Kermaed Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GLKZ Green Lake, MXZ Matakaoa Point, WMGZ Waioamatatini S, etc.

IDD 08 16:30:59.5:1.0, 1:64S:99:36E, h0km, mb3.8/5, mbtmp3.8/5, Error ellipse: s-maj=40.5km s-min=25.3km az=70.0

DJA 08 16:31:02.6:0.2, 1:5:10:10E:1, h10km, M3.8/15, MLv3.8/15

ISC 08 16:31:04.7:0.9, 1:38S:105:100E:0.08, h33km, n16, #139/14, mb3.9/5, South Sumatara

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PDSI Padang, PPSI Pulau Pagai, DSRI Dabo, etc.

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

IDD 08 16:37:46.9:17.0, 1:93N:124:42E, h224km, 184km, mb3.0/5, mbtmp3.6/6, MS2.6/1, Error ellipse: s-maj=114.7km s-min=29.5km az=59.0

ISC 08 16:37:50.7:1.3, 1:9N:103:124.4E:0.7, h268km, n7, #0561/6, mb3.0/5, Minahassa Peninsula, Sulawesi

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

IDD 08 16:43:52.8:3.3, 34:14N:25:57E, h0km, mb3.7/6, mbtmp3.5/10, ML3.2/4, Error ellipse: s-maj=61.8km s-min=29.7km az=20.0

GII 08 16:44:02.5:0.0, 33:95N:10:00:1:26:414E:0:001, h0km, n1, #103/5, 25.5, continued

ISC 08 16:43:56.7:1.7, 34:0N:1:26:0E:0.1, h26km, n24, #2500/38, mb3.6/6, Crete

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CSS Mathiatis, CSS Kziot, KZIT Kziot, etc.

JMA 08 16:43:58.9:0.4, 44:1N:2:14:8E:1, h0km, MV3.9/23, SE OFF ETOROFU

SKHL 08 16:40:00.8:0.1, 44:60N:148:50E, h50km, 5km, mb4.4/3

ISC 08 16:43:57.0:3.6, 44:47N:108:148.8E:0.2, h50km, n15, #1996/25, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like REI Reidovoe, KUR Kuril'sk, KUR 90nm, 0.3s, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JCH Churui, JNBK Urakawa-nobuka, etc.

KRNET 08 16:54:03.5:0.1, 40:78N:75:56E, h12km, mb2.3

SOME 08 16:54:03.2, 40:75N:75:48E, h10km

NMC 08 16:54:05.1:0.8, 40:80N:75:56E, h0km, mb3.1, mpv2.8

Error ellipse: s-maj=6.1km s-min=4.3km az=3.0

ISC 08 16:54:05.1:2.1, 40:8N:0:1:75:54E:0.04, h10km, n26, #111/35, 12C-4D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JNKS Jany-Kuch, JNKS Jany-Kuch, JNKS Jany-Kuch, etc.

CHMS Chumysh SNR=1, 2.26 345 P Pb 16 54 47.1 +1.0

USP Oспенovka SNR=11, 2.57 343 P Pb 16 54 52.2 +0.9

MRKS Merke 2.8nm, 0.3s, 2.59 319 P Pb 16 54 52.2 +0.5

MRKS Merke 4.1nm, 0.3s, 2.59 319 eP Pb 16 54 52.2 +0.5

MRKS Merke 4.1nm, 0.3s, 2.69 25 P Pb 16 54 52.1 -1.3

KOTS Kotrybulak 1.3nm, 0.3s, 2.69 25 P Pb 16 54 54.7 +0.9

KOTS Kotrybulak 5.1nm, 0.5s, 2.69 25 eP Pb 16 54 54.2 +0.9

KOTS Kotrybulak 1.3nm, 0.3s, 2.69 25 eP Pb 16 55 30.7 -0.6

SGDS 5.1nm, 0.5s, 2.72 346 P Pb 16 54 54.5 +0.6

SGDS 2.4nm, 0.3s, 2.72 346 P Pb 16 55 31.5

KRBS 4.1nm, 0.3s, 2.88 2 P Pb 16 54 57.4 +0.8

KRBS 0.6nm, 0.3s, 2.88 2 eP Pb 16 55 36.4

KRBS Karabastau 3.6nm, 0.2s, 2.88 2 eS Pb 16 54 57.4 +0.8

KRBS 0.6nm, 0.3s, 2.88 2 eP Pb 16 55 36.4 -1.3

KPKS Kokpek 0.3nm, 0.1s, 3.53 40 P Pb 16 55 08.9 +1.2

KPKS 2.2nm, 0.5s, 3.53 40 eP Pb 16 55 58.8 -2.7

KPKS 0.3nm, 0.1s, 3.53 40 eP Pb 16 55 08.9 +1.2

KPKS 2.2nm, 0.5s, 3.79 26 P Pb 16 55 14.2 +2.0

ARXS Arharly 0.9nm, 0.3s, 3.79 26 eP Pb 16 56 04.7

ARXS 2.2nm, 0.4s, 3.79 26 eP Pb 16 55 14.2 +2.0

ARXS 0.9nm, 0.3s, 3.79 26 eP Pb 16 56 04.7 -2.2

PDGK 2.2nm, 0.4s, 3.87 48 fP Pb 16 55 05.6 +0.9

PDGK 3.1nm, 1.4s, 3.87 48 fP Pb 16 55 07.4

IDD 08 17:09:13.8:2.2, 7:14S:129:63E, h128km, 22km, mb3.5/4, mbtmp4.0/9, Error ellipse: s-maj=29.8km s-min=16.6km az=77.0

NEIC 08 17:09:15.3:1.2, 7:01S:129:49E:0.07, h135km, 2km, mb4.2/11, Error ellipse: s-maj=10.7km s-min=9.1km az=83.0

DJA 08 17:09:16.2:0.2, 7:2S:2:13:0E:1, h159km, 5km, M4.3/18, mb4.8/3, mb4.0/12, MLv4.5/9, Mw(MB)4.0/3

ISC 08 17:09:14.3:0.6, 7:11S:0:05:129.52E:0.06, h139km, n44, #282/51, mb4.0/9, Banda Sea

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Alice Springs, Innamincka, Forreast, etc.

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

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

JMA 08 17:11:36.9, 0.1, 42.8N, 0.5, 145.5E, 0.6, h48km, 1km, MV2.9/38, OFF NEMURO PENINSULA

SKHL 08 17:11:37.1, 1.0, 42.80N, 145.50E, h35km, 4km, mb4.7/2, ISC 08 17:11:37.1, 1.9, 42.83N, 0.10, 145.46E, 0.07, h41km, 15km, n14, 0.052/26, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KJHN, KJHN, AKK, Nemuro 2, etc.

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

IDC 08 17:22:43.7, 1.1, 13.26N, 91.42W, h0km, mb3.7/6, mbmp3.7/9, ML3.5/3, MS3.2/6, Error ellipse: s-maj=18.1km

CATAC 08 17:22:45.9, 0.8, 13.1N, 91.2W, h22km, 9km, M4.0/6, ML4.0/6, Error ellipse: s-maj=13.8km s-min=4.6km

SNET 08 17:22:45.7, 2.1, 13.29N, 91.59W, h30km, M4.1, Presumed earthquake

GCG 08 17:22:46.2, 1.7, 13.29N, 91.46W, h13km, 2km, MD4.3, ML4.2, Presumed earthquake

ISC 08 17:22:49.2, 3.3, 13.33N, 0.09, 91.38W, 0.07, h31km, 14km, n59, 0.142/72, mb4.0/7, MS3.5/2, C-1D, Near coast of Guatemala

MEX 08 17:16:34.5, 0.7, 14.44N, 91.99W, h81km, 7km, MD3.7, Presumed earthquake

GCG 08 17:16:34.9, 0.7, 14.39N, 92.04W, h55km, 9km, MD3.6, ML3.5, Presumed earthquake

ISC 08 17:16:32.0, 1.9, 14.2N, 0.1, 92.09W, 0.09, h64km, 18km, n19, 0.139/27, Near coast of Chiapas

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

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

IDC 08 17:22:43.7, 1.1, 13.26N, 91.42W, h0km, mb3.7/6, mbmp3.7/9, ML3.5/3, MS3.2/6, Error ellipse: s-maj=18.1km

CATAC 08 17:22:45.9, 0.8, 13.1N, 91.2W, h22km, 9km, M4.0/6, ML4.0/6, Error ellipse: s-maj=13.8km s-min=4.6km

SNET 08 17:22:45.7, 2.1, 13.29N, 91.59W, h30km, M4.1, Presumed earthquake

GCG 08 17:22:46.2, 1.7, 13.29N, 91.46W, h13km, 2km, MD4.3, ML4.2, Presumed earthquake

ISC 08 17:22:49.2, 3.3, 13.33N, 0.09, 91.38W, 0.07, h31km, 14km, n59, 0.142/72, mb4.0/7, MS3.5/2, C-1D, Near coast of Guatemala

ISC 08 17:22:49.2, 3.3, 13.33N, 0.09, 91.38W, 0.07, h31km, 14km, n59, 0.142/72, mb4.0/7, MS3.5/2, C-1D, Near coast of Guatemala

ISC 08 17:22:49.2, 3.3, 13.33N, 0.09, 91.38W, 0.07, h31km, 14km, n59, 0.142/72, mb4.0/7, MS3.5/2, C-1D, Near coast of Guatemala

ISC 08 17:22:49.2, 3.3, 13.33N, 0.09, 91.38W, 0.07, h31km, 14km, n59, 0.142/72, mb4.0/7, MS3.5/2, C-1D, Near coast of Guatemala

ISC 08 17:22:49.2, 3.3, 13.33N, 0.09, 91.38W, 0.07, h31km, 14km, n59, 0.142/72, mb4.0/7, MS3.5/2, C-1D, Near coast of Guatemala

ISC 08 17:22:49.2, 3.3, 13.33N, 0.09, 91.38W, 0.07, h31km, 14km, n59, 0.142/72, mb4.0/7, MS3.5/2, C-1D, Near coast of Guatemala

ISC 08 17:22:49.2, 3.3, 13.33N, 0.09, 91.38W, 0.07, h31km, 14km, n59, 0.142/72, mb4.0/7, MS3.5/2, C-1D, Near coast of Guatemala

ISC 08 17:22:49.2, 3.3, 13.33N, 0.09, 91.38W, 0.07, h31km, 14km, n59, 0.142/72, mb4.0/7, MS3.5/2, C-1D, Near coast of Guatemala

ISC 08 17:22:49.2, 3.3, 13.33N, 0.09, 91.38W, 0.07, h31km, 14km, n59, 0.142/72, mb4.0/7, MS3.5/2, C-1D, Near coast of Guatemala

ISC 08 17:22:49.2, 3.3, 13.33N, 0.09, 91.38W, 0.07, h31km, 14km, n59, 0.142/72, mb4.0/7, MS3.5/2, C-1D, Near coast of Guatemala

ISC 08 17:22:49.2, 3.3, 13.33N, 0.09, 91.38W, 0.07, h31km, 14km, n59, 0.142/72, mb4.0/7, MS3.5/2, C-1D, Near coast of Guatemala

ISC 08 17:22:49.2, 3.3, 13.33N, 0.09, 91.38W, 0.07, h31km, 14km, n59, 0.142/72, mb4.0/7, MS3.5/2, C-1D, Near coast of Guatemala

ISC 08 17:22:49.2, 3.3, 13.33N, 0.09, 91.38W, 0.07, h31km, 14km, n59, 0.142/72, mb4.0/7, MS3.5/2, C-1D, Near coast of Guatemala

ISC 08 17:22:49.2, 3.3, 13.33N, 0.09, 91.38W, 0.07, h31km, 14km, n59, 0.142/72, mb4.0/7, MS3.5/2, C-1D, Near coast of Guatemala

ISC 08 17:22:49.2, 3.3, 13.33N, 0.09, 91.38W, 0.07, h31km, 14km, n59, 0.142/72, mb4.0/7, MS3.5/2, C-1D, Near coast of Guatemala

ISC 08 17:22:49.2, 3.3, 13.33N, 0.09, 91.38W, 0.07, h31km, 14km, n59, 0.142/72, mb4.0/7, MS3.5/2, C-1D, Near coast of Guatemala

ISC 08 17:22:49.2, 3.3, 13.33N, 0.09, 91.38W, 0.07, h31km, 14km, n59, 0.142/72, mb4.0/7, MS3.5/2, C-1D, Near coast of Guatemala

ISC 08 17:22:49.2, 3.3, 13.33N, 0.09, 91.38W, 0.07, h31km, 14km, n59, 0.142/72, mb4.0/7, MS3.5/2, C-1D, Near coast of Guatemala

ISC 08 17:22:49.2, 3.3, 13.33N, 0.09, 91.38W, 0.07, h31km, 14km, n59, 0.142/72, mb4.0/7, MS3.5/2, C-1D, Near coast of Guatemala

GII 08 17:22:25.6, 0.0, 34.133N, 0.001, 25.732E, 0.001, h0km, Mws3.4, confirmed

IDC 08 17:22:28.9, 1.0, 34.16N, 25.63E, h0km, mb3.8/9, mbmp3.7/16, ML3.3/7, MS2.9/10, Error ellipse: s-maj=19.6km s-min=12.8km az=33.0

ISK 08 17:22:29.0, 3.4, 17N, 25.64E, h73km, ML2.2/11, ATH 08 17:22:29.0, 3.4, 22N, 25.62E, h15km, ML3.3/8, Latitude uncertainty: 6 km; Longitude uncertainty: 4 km

AFAD 08 17:22:31.2, 3.4, 57N, 25.73E, h7km, 6km, ML2.8, ISC 08 17:22:27.6, 4.4, 34.08N, 0.005, 25.67E, 0.005, h9km, 28km, n88, 0.1923/11, mb3.8/8, MS2.9/5, Crete

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

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

ISC 08 17:22:25.6, 0.0, 34.133N, 0.001, 25.732E, 0.001, h0km, Mws3.4, confirmed

IDC 08 17:22:28.9, 1.0, 34.16N, 25.63E, h0km, mb3.8/9, mbmp3.7/16, ML3.3/7, MS2.9/10, Error ellipse: s-maj=19.6km s-min=12.8km az=33.0

ISK 08 17:22:29.0, 3.4, 17N, 25.64E, h73km, ML2.2/11, ATH 08 17:22:29.0, 3.4, 22N, 25.62E, h15km, ML3.3/8, Latitude uncertainty: 6 km; Longitude uncertainty: 4 km

AFAD 08 17:22:31.2, 3.4, 57N, 25.73E, h7km, 6km, ML2.8, ISC 08 17:22:27.6, 4.4, 34.08N, 0.005, 25.67E, 0.005, h9km, 28km, n88, 0.1923/11, mb3.8/8, MS2.9/5, Crete

ISC 08 17:22:27.6, 4.4, 34.08N, 0.005, 25.67E, 0.005, h9km, 28km, n88, 0.1923/11, mb3.8/8, MS2.9/5, Crete

ISC 08 17:22:27.6, 4.4, 34.08N, 0.005, 25.67E, 0.005, h9km, 28km, n88, 0.1923/11, mb3.8/8, MS2.9/5, Crete

ISC 08 17:22:27.6, 4.4, 34.08N, 0.005, 25.67E, 0.005, h9km, 28km, n88, 0.1923/11, mb3.8/8, MS2.9/5, Crete

ISC 08 17:22:27.6, 4.4, 34.08N, 0.005, 25.67E, 0.005, h9km, 28km, n88, 0.1923/11, mb3.8/8, MS2.9/5, Crete

ISC 08 17:22:27.6, 4.4, 34.08N, 0.005, 25.67E, 0.005, h9km, 28km, n88, 0.1923/11, mb3.8/8, MS2.9/5, Crete

ISC 08 17:22:27.6, 4.4, 34.08N, 0.005, 25.67E, 0.005, h9km, 28km, n88, 0.1923/11, mb3.8/8, MS2.9/5, Crete

8d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, HFS Hagfors, WRA Warramunga Arr, CMAR Chiang Mai Arr.

IDC 08 17:23:09.3-2.2, 1.24N, 126.15E, h0km, mb3.2/3, mbmp3.2/3, MS2.7/1, Error ellipse: s-maj=185.9km s-min=28.2km az=65.0

DJA 08 17:23:12.8-0.4, 2.2N, 127.7E, h18km, mb3.2/3, MLV3.2/12, ISC 08 17:23:09.2-1.6, 1.93N, 127.7E, h10km, n6, n15107, mb3.0/3, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TNTI Ternate, GTOI Gorontalo, WRA Warramunga Arr, ASAR Alice Springs.

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

IDC 08 17:28:35.2-1.7, 1.78N, 125.50E, h0km, mb3.3/4, mbmp3.3/4, MS2.6/1, Error ellipse: s-maj=185.6km s-min=22.3km az=65.0

DJA 08 17:28:38.6-0.2, 2.2N, 127.7E, h10km, M3.2/11, mb3.4/1, MLV3.1/11, ISC 08 17:28:40.7-1.2, 2.21N, 127.7E, h35km, n9, n15211, mb3.3/4, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TNTI Ternate, SGSI Sangihe, MNI Manado, GTOI Gorontalo, WRA Warramunga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, PETK Petropavlovsk, MKAR Makanchi Array, KURBB Kurchatov Arr.

IDC 08 17:40:49.1-1.5, 0.30N, 108.02E, h133km, 6km, mb4.3/18, Error ellipse: s-maj=11.5km s-min=8.5km az=176.0

DJA 08 17:40:50.4-0.2, 0.1N, 12.7E, h126km, 3km, M4.4/33, mb5.1/7, mb4.3/17, ML2.4/5/33, Mw(MB)4.4/7, ISC 08 17:40:51.0, 0.1, 0.23N, 127.18E, h159km, 14km, mb3.6/7, mbmp4.1/10, Error ellipse: s-maj=16.8km s-min=9.3km az=65.0

ISC 08 17:40:49.9-0.5, 0.32N, 104.127, 1.0E, 0.05, h150km, n69, n157277, mb4.2/15, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TNTI Ternate, MNI Manado, SANI Sanana, LANI Namlea, SGSI Sangihe, KRAI Karang Ratu, GTOI Gorontalo, SWI Sorong, SJIJ Sorong.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SJIJ Sorong, SJIJ Sorong, LUWI Luwuk, LUWI Luwuk, LUWI Luwuk, LUWI Luwuk, APSI Ampang, DDMP Don Marcelino, DDMP Don Marcelino, FAKI Fak Fak.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TOLIZ Tolitoli, TOLIZ Tolitoli, KCP Kidapawan, KCP Kidapawan, PCI Palu, SPSI Sidrap Palu, MMSI Mamuju, KAPI Kappang, KAPI Kappang, KAPI Kunurra, KAPI Kunurra.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MTN Mantad Creek, JAGI Jagaj, Banyuua, KNRA Kunurra, KNRA Kunurra, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WBO Warramunga Arr, WBO Warramunga Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRAB Tennant Creek, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

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, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

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, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

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, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

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, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

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, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

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, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

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, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, ASAR Alice Springs, ASOI Alice Springs, GSI Gunungsitoli, EIDS Eidsvold, KIRS Korea Array.

IDC 08 17:57:17.6-2.4, 1.45S, 128.34E, h0km, mb3.1/2, mbmp3.0/3, ML2.9/1, Error ellipse: s-maj=164.8km s-min=29.1km az=68.0, Halmahera

ISC 08 17:57:24.3-1.7, 1.256N, 143.59E, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=83.4km s-min=19.5km az=125.0, South of Mariana Islands

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

IDC 08 17:57:24.3-1.7, 1.256N, 143.59E, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=83.4km s-min=19.5km az=125.0, South of Mariana Islands

ISC 08 17:57:24.3-1.7, 1.256N, 143.59E, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=83.4km s-min=19.5km az=125.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMU Guam, GUMU Guam, H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy.

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

IDC 08 17:57:24.3-1.7, 1.256N, 143.59E, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=83.4km s-min=19.5km az=125.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMU Guam, GUMU Guam, H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy.

IDC 08 17:57:24.3-1.7, 1.256N, 143.59E, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=83.4km s-min=19.5km az=125.0, South of Mariana Islands

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

IDC 08 18:16:34.6-4.8, 1.313N, 89.37W, h16km, 25km, mb4.0/12, mbmp4.1/14, ML3.8/2, MS3.6/47, Error ellipse: s-maj=35.7km s-min=23.5km az=31.0

CATAC 08 18:16:38.4-0.5, 1.3N, 89.0W, h24km, 3km, M4.8/30, mb4.7/1, mB5.8/1, MLV4.9/30, Mw(MB)5.4/1, Error ellipse: s-maj=2.4km s-min=2.4km az=30.1, confirmed

NEIC 08 18:16:40.1, 1.3, 1.32N, 0.07-89.77W, 0.02, h63km, 6km, mb4.4/24, Error ellipse: s-maj=10.1km s-min=1.6km az=190.0

GCG 08 18:16:40.7-1.9, 1.328N, 89.91W, h26km, 11km, MD4.8, ML4.8, Presumed earthquake

SNET 08 18:16:40.4-2.7, 1.3, 1.19N, 89.75W, h16km, ML4.7, Presumed earthquake

ISC 08 18:16:38.1-1.0, 13.06NE, 0.05, 89.81W, 0.04, h47km, 9km, n200, n156/200, mb4.4/19, MS3.7/45, 2C-38D, E1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like UNIC Universidad Ca, SJTE Alcaldia de S, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Haines Junction, Million Dollar, Pleasant Camp, Somme Creek, Tsighehtich, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like C27K, C26K, D25K, E24K, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like VMM09, BARC, BRUC, etc.

8d 20h

ZALV Zalesovo Beam 45.39 4.5 P P 20 46 01.6 -1.6

IDC 08 20:39:43.2-1.0, 7.71S; 106°04'E, h0km, mb4.0/11, mbmp4.0/12, ML4.71, MS4.2, Error ellipse: s-maj=32.3km s-min=12.8km az=37.0

NEIC 08 20:39:50.1±1.8, 7.66S; 0°07'106.31'E:0.05, h43km±2km, mb4.4/30, Error ellipse: s-maj=10.5km s-min=6.8km az=191.0

DJA 08 20:39:50.9±0.3, 8°S±2.10'E±1.1, h12km±2km, M4.5/51, mb4.0/2, mb4.6/11, ML4.5/51, MW/ML3.0/2

ISC 08 20:39:50.6±0.9, 7.77S; 106°06'106.35E±0.04, h53km±9km, n9.0, ±194/89, mb4.3/22, Jawa

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

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Main table with columns: Ais, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists seismic events with station names and coordinates.

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Table with columns: NWAO, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists seismic events with NWAO station names and coordinates.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like HUMR Humele, NEHR Nehoiu, BIR Birlad, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like OBKA comp=Z,5.3nm,1.3s, CONA Conrad Observa, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like IMAR Indian Mountain, E24K Your Creek, H22K Ishlathia, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like PRU 08 20:58:48.4, 51:42N:16:08E, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like LDC 08 21:06:50.5, 08:12:10S:34:61E, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like MKAR, B20K, IMAR, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like KLMR, ASAR, FINES, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like WMGZ, PKGZ, HAZ, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like FINESS Array B, YKA, I28M Miner Creek, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like PB02, PB02, PB14 IPOC Station P, etc.

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

ISC 08 22:42:06.8, 9.8, 19.989S, 177.18W, h0km, mb3.6j, mbtmpt3.6/3, MS3.5/2, Error ellipse: s-maj=432.7km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAY Jayapura, ASAR Alice, WRA Warramunga Arr, etc.

ISC 08 22:42:06.8, 9.8, 19.989S, 177.18W, h0km, mb3.6j, mbtmpt3.6/3, MS3.5/2, Error ellipse: s-maj=432.7km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TA01 Diego Aracena, TA01 Diego Aracena, etc.

ISC 08 22:42:06.8, 9.8, 19.989S, 177.18W, h0km, mb3.6j, mbtmpt3.6/3, MS3.5/2, Error ellipse: s-maj=432.7km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLCA Paso Flores, PLCA Paso Flores, etc.

VAO 08 22:41:57.0, 0.3, 23.13S; 69.01W, h10km, mb5.3, Presumed earthquake

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEIC 08 22:42:06.4, 23.22S; 68.72W, h82km, BUJ, etc.

ISC 08 22:42:06.8, 9.8, 19.989S, 177.18W, h0km, mb3.6j, mbtmpt3.6/3, MS3.5/2, Error ellipse: s-maj=432.7km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TA01 Diego Aracena, TA01 Diego Aracena, etc.

ISC 08 22:42:06.8, 9.8, 19.989S, 177.18W, h0km, mb3.6j, mbtmpt3.6/3, MS3.5/2, Error ellipse: s-maj=432.7km

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

ISC 08 22:42:07.2, 23.20S; 68.84W, h86km, MOS 08 22:42:07.1, 2, 23.20S; 68.80W, h91km, mb4.9/33, Error ellipse: s-maj=12.0km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GFZ 08 22:42:08.0, 23.20S; 68.77W, h87km, MWV4.9, Moment Tensor Solution, etc.

ISC 08 22:42:06.8, 9.8, 19.989S, 177.18W, h0km, mb3.6j, mbtmpt3.6/3, MS3.5/2, Error ellipse: s-maj=432.7km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GO01 Chumizua, GO01 Chumizua, etc.

ISC 08 22:42:06.8, 9.8, 19.989S, 177.18W, h0km, mb3.6j, mbtmpt3.6/3, MS3.5/2, Error ellipse: s-maj=432.7km

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

GUC 08 22:42:08.3, 0.7, 23.16S; 68.92W, h88km, 5km, ML5.0, ISC 08 22:42:08.9, 0.3, 23.10S; 68.62W, h97km, 2km, m1.7/17, mbtmpt4.9/23, MS3.6/27, Error ellipse: s-maj=13.1km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GGMT 08 22:42:08.9, 0.2, 23.11S; 0.02; 68.92W, h107km, 2km, MW5.0/97, Moment Tensor Solution, etc.

ISC 08 22:42:06.8, 9.8, 19.989S, 177.18W, h0km, mb3.6j, mbtmpt3.6/3, MS3.5/2, Error ellipse: s-maj=432.7km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB12 IPOC Station P, PB12 IPOC Station P, etc.

ISC 08 22:42:06.8, 9.8, 19.989S, 177.18W, h0km, mb3.6j, mbtmpt3.6/3, MS3.5/2, Error ellipse: s-maj=432.7km

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

ISC 08 22:42:07.4, 0.2, 23.13S; 0.03; 68.84W, h94km, 2km, h95km; p-P, n181, e141/987, m5.0/249, 22C-14D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AF01 San Pedro de A, AF01 San Pedro de A, etc.

ISC 08 22:42:06.8, 9.8, 19.989S, 177.18W, h0km, mb3.6j, mbtmpt3.6/3, MS3.5/2, Error ellipse: s-maj=432.7km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AP01 Chacalluta, AP01 Chacalluta, etc.

ISC 08 22:42:06.8, 9.8, 19.989S, 177.18W, h0km, mb3.6j, mbtmpt3.6/3, MS3.5/2, Error ellipse: s-maj=432.7km

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

ISC 08 22:42:07.4, 0.2, 23.13S; 0.03; 68.84W, h94km, 2km, h95km; p-P, n181, e141/987, m5.0/249, 22C-14D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LP01 Curacao, LP01 Curacao, etc.

ISC 08 22:42:06.8, 9.8, 19.989S, 177.18W, h0km, mb3.6j, mbtmpt3.6/3, MS3.5/2, Error ellipse: s-maj=432.7km

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

ISC 08 22:42:06.8, 9.8, 19.989S, 177.18W, h0km, mb3.6j, mbtmpt3.6/3, MS3.5/2, Error ellipse: s-maj=432.7km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RB01, RB01, etc.

ISC 08 22:42:07.4, 0.2, 23.13S; 0.03; 68.84W, h94km, 2km, h95km; p-P, n181, e141/987, m5.0/249, 22C-14D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB05 IPOC Station P, PB05 IPOC Station P, etc.

ISC 08 22:42:06.8, 9.8, 19.989S, 177.18W, h0km, mb3.6j, mbtmpt3.6/3, MS3.5/2, Error ellipse: s-maj=432.7km

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

ISC 08 22:42:06.8, 9.8, 19.989S, 177.18W, h0km, mb3.6j, mbtmpt3.6/3, MS3.5/2, Error ellipse: s-maj=432.7km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RB01, RB01, etc.

ISC 08 22:42:07.4, 0.2, 23.13S; 0.03; 68.84W, h94km, 2km, h95km; p-P, n181, e141/987, m5.0/249, 22C-14D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB07 IPOC Station P, PB07 IPOC Station P, etc.

ISC 08 22:42:06.8, 9.8, 19.989S, 177.18W, h0km, mb3.6j, mbtmpt3.6/3, MS3.5/2, Error ellipse: s-maj=432.7km

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

ISC 08 22:42:06.8, 9.8, 19.989S, 177.18W, h0km, mb3.6j, mbtmpt3.6/3, MS3.5/2, Error ellipse: s-maj=432.7km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RB01, RB01, etc.

ISC 08 22:42:07.4, 0.2, 23.13S; 0.03; 68.84W, h94km, 2km, h95km; p-P, n181, e141/987, m5.0/249, 22C-14D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB02 IPOC Station P, PB02 IPOC Station P, etc.

ISC 08 22:42:06.8, 9.8, 19.989S, 177.18W, h0km, mb3.6j, mbtmpt3.6/3, MS3.5/2, Error ellipse: s-maj=432.7km

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

ISC 08 22:42:06.8, 9.8, 19.989S, 177.18W, h0km, mb3.6j, mbtmpt3.6/3, MS3.5/2, Error ellipse: s-maj=432.7km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RB01, RB01, etc.

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2020 MAY

8d 22h

Table with columns for station call letters, name, frequency, and various signal quality indicators. Includes stations like BIRD, VNA3, VNA3, 146A, etc.

Table with columns for station call letters, name, frequency, and various signal quality indicators. Includes stations like MCWV, Q51A, P53A, T42A, etc.

Table with columns for station call letters, name, frequency, and various signal quality indicators. Includes stations like QSPA, QSPA, LISBON, LISBON, CRNM, etc.

8d 23h

s-maj=26.3km s-min=13.8km az=62.0
ISC 08 22:53:16.8±0.5, 15.939N,0.04:119.78E:0.09, h33km, n54,
c127/53,mb4.4/19,MS2.4/Luzon

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

IDC 08 23:17:56.5±2.2, 0:58S:67:05E, h0km, mb3.77,
mbtmp3.07, MS3.3/1, Error ellipse: s-maj=59.4km
s-min=29.3km

ISC 08 23:17:58.1±2.0, 0:65S:0:3:67:1E:0.3, h10km, n11, 05:577,
mb3.97, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the IDC and ISC events.

HEL 08 23:26:49.6±0.4, 67:80N:20:13E, h0km, ML1.4, Suspected
explosion
UPP 08 23:26:49.0±0.4, 67:83N:20:21E, h0km, ML2.1,
Suspected explosion, Sweden

2020 MAY

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the 2020 MAY period.

BER 08 23:26:52.4±2.6, 67:94N:20:19E, h0km, ML1.6, Suspected
explosion
UPP 08 23:26:51.5±0.1, 67:85N:20:18E, h0km, ML1.9,
Suspected explosion, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the BER and UPP events.

HEL 08 23:29:00.1±0.2, 67:85N:20:23E, h0km, ML1.5, Explosion
IDC 08 23:29:04.1±1.5, 68:14N:20:51E, h0km, mbtmp2.7/4,
ML2.0/3, Error ellipse: s-maj=23.7km s-min=8.5km
az=125.0

UPP 08 23:29:09.8±0.1, 67:83N:20:27E, h0km, ML2.2, Suspected
explosion
ISC 08 23:29:02.0±0.9, 68:00N:0.04:21:01E:0.03, h0km, n22,
c199/25, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the HEL, UPP, and ISC events.

HEL 08 23:29:00.1±0.2, 67:85N:20:23E, h0km, ML1.5, Explosion
IDC 08 23:29:04.1±1.5, 68:14N:20:51E, h0km, mbtmp2.7/4,
ML2.0/3, Error ellipse: s-maj=23.7km s-min=8.5km
az=125.0

UPP 08 23:29:09.8±0.1, 67:83N:20:27E, h0km, ML2.2, Suspected
explosion
ISC 08 23:29:02.0±0.9, 68:00N:0.04:21:01E:0.03, h0km, n22,
c199/25, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the HEL, UPP, and ISC events.

MOS 08 23:36:27.9±1.1, 33:93N:25:60E, h12km, mb4.7/29, Error
ellipse: s-maj=5.7km s-min=3.0km az=88.0
NEIC 08 23:36:28.4±1.8, 33:79N:0.08:25:59E:0.08, h10km, 1km,
mb4.5/115, Error ellipse: s-maj=13.1km s-min=10.4km
az=197.0
IDC 08 23:36:28.7±0.6, 34:11N:25:70E, h0km, mb4.4/25,
mbtmp4.4/38, ML3.9/11, MS3.5/31, Error ellipse:
s-maj=13.4km s-min=11.1km az=13.0
ISK 08 23:36:30.3±0.4, 34:09N:25:66E, h10km, ML4.0/7
ATH 08 23:36:32.7±0.5, 34:15N:25:62E, h10km, ML3.9/15,
Latitude uncertainty: 4 km; Longitude uncertainty: 2 km
GII 08 23:36:32.6±0.0, 33:90N:0.03:26:01E:0.008, h0km,
Mws4.6, confirmed

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THE 08 23:36:33.8, 34°N:28°2'6E:1'5, h2km, 21km, M3.7/26,
MLH3.7/26
AFAD 08 23:36:33.8, 34°17N:25:85E, h8km, 3km, ML3.9
ISC 08 23:36:29.8±0.8, 33:96N:0.03:25:70E:0.03, h14km, 4km,
n769, c136/797, mb4.5/112, MS3.5/30, 30C-24, Eastern
Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the THE, AFAD, and ISC events.

Table with 4 columns: Call sign, Name, Frequency, and other details. Includes various call signs like KORT, INCE, INCE, etc.

Table with 4 columns: Call sign, Name, Frequency, and other details. Includes various call signs like MEHR, Nohio, Nohio, etc.

Table with 4 columns: Call sign, Name, Frequency, and other details. Includes various call signs like TREC, TREC, TREC, etc.

8d 23h

Table with columns: Station, Frequency, Band, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like MNK, VRH, LPSR, NACGM, CEST, WLF, etc.

2020 MAY

Table with columns: Station, Frequency, Band, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like KONS, VAGH, STEI, MBAR, etc.

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Table with columns: Station, Frequency, Band, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like TIXI, SUTHER, BOSHA, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like F26K Sheenjek River, G30M Atoh Zrai Nji, D17K Noatak River, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like K29M Barlow Dome, NEA2 Nenana, HDA Harding Lake, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 09 00:50:00.6, NDI 09 00:50:02.7, ISC 09 00:50:03.3, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZAKOS, NEAPOLIS, ANOYIA, etc.

IDC 09 02:16:24.0-1.2, 34.12N, 25.63E, h0km, mb3.5/6, mbtmp3.4/11, ML3.0/5, MS3.7/1, Error ellipse: s-maj=2.92, s-min=15.0km, az=49.0

ATH 09 02:16:29.8, 34.26N, 25.63E, h11km, 4km, ML2.6/8, Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

ISC 09 02:16:26.3-1.7, 34.17N, 0.07-25.71E, 0.04, h12km, 10km, n30, e1504/35, mb3.3/5, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZKR, NPS, IDI, GVD, VAM, etc.

IDC 09 02:27:40.3-1.0, 8.72S, 38.40E, h0km, mb3.6/6, mbtmp4.0/9, ML4.7/3, MS3.1/5, Error ellipse: s-maj=26.7km

NEIC 09 02:27:41.4-1.9, 8.72S, 0.09-38.4E, 0.1, h10km, 1km, mb4.2/13, Error ellipse: s-maj=19.8km, s-min=14.9km

ISC 09 02:27:40.7-0.6, 8.76S, 0.06-38.34E, 0.07, h10km, n34, e185/31, mb4.2/10, MS3.2/3, Tanzania

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MBAR, LSZ, ABPO, etc.

IDC 09 02:53:04.9-9.987, 0.4421N, 132.54W, h0km, Error ellipse: s-maj=424.9km, s-min=138.2km, az=43.0, North Pacific Ocean

FUNV 09 02:59:14.5, 10.53N, 61.84W, h12km, MW3.2, Presumed earthquake, TRN 09 02:59:14.6, 10.36N, 61.66W, h32km, MD3.8, Gulf of Paria

ISC 09 02:59:17.4-1.3, 10.53N, 0.06-61.60W, 0.08, h33km, 3km, n16, e090/31, 1C, Trinidad

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSMG, PSKH, DMDM, etc.

TAP 09 03:03:50.9, 24.01N, 122.27E, h22km, ML3.1, C, JMA 09 03:03:50.6, 0.2, 24.1N, 122.3E, 0.5, h20km, 4km, MV2.8/12, TAIWAN REGION

ISC 09 03:03:50.1-0.9, 23.93N, 0.02-122.29E, 0.02, h20km, 4km, n99, e064/155, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like E0S4, E0S3, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHUL, NACB, EWUT, etc.

IDC 09 03:08:02.7-6.8, 28.16N, 54.51E, h0km, mb3.5/3, mbtmp3.5/3, MS2.9/1, Error ellipse: s-maj=133.3km, s-min=52.5km, az=112.0

TEH 09 03:08:07.4, 28.33N, 54.17E, h11km, 40km, ML3.4, Presumed earthquake

OMAN 09 03:08:09.2, 0.5, 28.13N, 53.90E, h10km, mb3.6/6, ml3.4/6, Error ellipse: s-maj=6.0km, s-min=3.0km, az=37.0

ISC 09 03:08:07.7-0.8, 28.30N, 0.05-54.04E, 0.05, h10km, n36, e078/42, Southern Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHRM, QIR1, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Includes stations like KHL1, SHI, GENO, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Includes stations like SIJI, SWI, GCLIS, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc. Includes stations like HOWZ, BFZ, FOF, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for various stations like CD2, HEH, HHC, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations like KDJ, KSH2, BOOM, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations like KBA, LESA, CFA, etc.

9d 5h

Table of astronomical observations for 9d 5h, listing stations like ROSC, GUY2C, SG2C, NORC, etc., with columns for station name, coordinates, time, and magnitude.

2020 MAY

Main table of astronomical observations for 2020 MAY, listing stations like WUAZ, PV02, PV13, etc., with columns for station name, coordinates, time, and magnitude.

538

Table of astronomical observations for 538, listing stations like GUMO, H1S3, H1S1, etc., with columns for station name, coordinates, time, and magnitude.

az=24.0
MEX 09 05:22:37.6+0.6, 17.51N:94.48W, h166km, M4.3, Presumed earthquake

ISC 09 05:22:36.0+0.8, 17.47N:0.04:94.9W, h169km, 6km, n49, e186/89, mb3.2/4, Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC h m s, ISC Res. Lists various seismic stations and their associated data.

NIED 09 05:45:15.6, 23.80N:121.71E, h43km, MW3.9, Moment Tensor Solution, s2 Moment tensor: Scale 10^15 Nm

JMA 09 05:45:15.6, 23.80N:121.71E, h43km, 1km, MW4.2/18, TAIWAN REGION

TAP 09 05:45:16.7, 23.85N:121.69E, h42km, M4.5, 7km

IDC 09 05:45:17.6, 24.11N:121.84E, h54km, 4.5km, mb3.6/8, mbtmp3.9/9, ML3.8/1, Error ellipse: s-maj=106.9km

ISC 09 05:45:15.6+0.8, 23.83N:121.75E, h40.02, h40km, 4km, n194, e175/314, mb3.8/8, 12C-49D, Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC h m s, ISC Res. Lists various seismic stations and their associated data.

Main table with columns: Station Name, Az, Az2, Phase ID, Time, Res, ISC h m s, ISC Res. Lists various seismic stations and their associated data.

Main table with columns: Station Name, Az, Az2, Phase ID, Time, Res, ISC h m s, ISC Res. Lists various seismic stations and their associated data.

O16K	comp-Z,23nm,1.1s			IAMB	IAMB	06 01 43.9	
O16K	Kokwok River B baz=251,SNR=7.8	87.37	29	P	P	06 01 42.8 +0.8	
LAYN	Ar Raym	87.38	294	P	P	06 01 43.1 +0.1	
166K	Ohwat River baz=250	87.43	27	P	P	06 01 43.2 +0.9	
M16K	Timber Creek	87.43	28	P	P	06 01 43.2 +0.9	
M16K	Timber Creek baz=253,SNR=12	87.43	28	P	P	06 01 43.3 +1.0	
CHIR	Chirikof Islan baz=254	87.48	33	P	P	06 01 43.3 +0.7	
J16K	Anvik River J16K	87.50	25	P	IAMB	06 01 43.2 +0.7	
J16K	comp-Z,18nm,0.8s	87.50	25	P	P	06 01 43.5 +0.9	
G16K	Koyuk River baz=249,SNR=18	87.58	23	P	P	06 01 43.2 +0.3	
R17L	Mt. Peulik Vol baz=253	87.62	31	P	P	06 01 43.6 +0.3	
I17K	Unalakleet	87.68	25	P	IAMB	06 01 43.8 +0.4	
I17K	comp-Z,20nm,1.0s	87.68	25	P	P	06 01 45.4	
I17K	Unalakleet baz=249,SNR=11	87.68	25	P	P	06 01 43.9 +0.4	
C16K	Lisburne Hills	87.70	20	P	IAMB	06 01 43.4 0.0	
C16K	comp-Z,17nm,0.9s	87.70	20	P	IAMB	06 01 44.5	
C16K	Lisburne Hills baz=244	87.70	20	P	P	06 01 43.5 +0.1	
O17K	Koliganek Bris baz=252	87.91	29	P	P	06 01 44.8 +0.2	
P17K	Kvichak River baz=253	88.05	30	P	P	06 01 45.6 +0.4	
N17K	Nushagak Hills N17K	88.09	28	P	IAMB	06 01 46.1 +0.6	
N17K	comp-Z,19nm,1.1s	88.09	28	P	P	06 01 46.0 +0.5	
J17K	VAM Dome baz=250	88.18	25	P	P	06 01 46.6 +0.7	
ELIB	Princess Elisa	88.18	197	dP		06 01 48.3 +2.3	
D17K	Noatak River baz=246,SNR=34	88.23	21	P	P	06 01 46.4 +0.5	
M17K	Holitna River M17K	88.25	27	P	IAMB	06 01 46.3 +0.1	
M17K	comp-Z,26nm,1.1s	88.25	27	P	P	06 01 46.1 -0.1	
G17K	Kiwalik Mouna baz=249,SNR=20	88.28	23	P	P	06 01 46.7 +0.4	
K17K	Iditarod	88.29	26	P	IAMB	06 01 47.3 +0.9	
K17K	comp-Z,19nm,0.9s	88.29	26	P	P	06 01 47.0 +0.7	
H17K	Granite Mouna baz=251,SNR=9.3	88.37	24	P	IAMB	06 01 47.0 +0.3	
H17K	comp-Z,16nm,0.9s	88.37	24	P	P	06 01 47.3 +0.6	
F17K	Baldwin Pennin baz=248	88.40	22	P	P	06 01 47.0 +0.2	
RDOG	Red Dog Mine baz=247	88.43	21	P	P	06 01 47.1 +0.2	
E17K	Hotham Inlet baz=248,SNR=22	88.43	21	P	P	06 01 47.4 +0.5	
SII	Sitkinak Islan baz=255	88.46	33	P	P	06 01 47.1 -0.2	
C17K	DeLong Mounai baz=246,SNR=12	88.51	20	P	P	06 01 47.5 +0.2	
AKT	Akhty	88.59	312	eP	sP	06 01 47.5 -0.9	
AKT	AKT					06 02 41.7 +0.3	
AKT	AKT					06 05 19.7	
N18K	comp-Z,33nm,1.1s	88.75	28	P	P	06 01 49.5 +0.9	
N18K	Kilae Creek baz=252	88.75	28	P	P	06 01 50.1 +1.1	
L18K	Granite Mouna	88.84	27	P	P	06 01 50.0 +0.4	
E18K	Tukpahleark C baz=249,SNR=14	89.00	21	P	P	06 01 50.6 +0.8	
M18K	Stony River baz=253	89.02	28	P	P	06 01 50.6 +0.8	
F18K	Selawik baz=250	89.06	22	P	P	06 01 50.1 +0.3	
H18K	Honhosa River H18K	89.06	24	P	P	06 01 50.6 +0.7	
H18K	Honhosa River baz=251,SNR=8.8	89.06	24	P	P	06 01 50.0 +0.0	
G18K	Tagagawik baz=251,SNR=6.9	89.23	20	P	P	06 01 50.5 -0.1	
C18K	Utukok River baz=248,SNR=5.8	89.36	29	P	P	06 01 51.9 +0.5	
O19K	Port Alsworth baz=254	89.45	28	P	P	06 01 52.3 +0.4	
N19K	Bonzana Creek baz=254	89.53	24	P	P	06 01 52.3 +0.2	
GCSA	Galena City Sc baz=252	89.53	24	P	P	06 01 52.3 +0.2	
KDAK	Kodiak Island comp-Z,30nm,1.8s,baz=303,slow=67	89.62	32	LR	LR	06 44 07.7	
KDAK	Kodiak Island baz=256	89.62	32	P	P	06 01 53.1 +0.5	
L19K	White Mountain baz=254	89.66	27	P	P	06 01 53.5 +0.7	
J19K	Poorman baz=253,SNR=14	89.83	25	P	P	06 01 54.1 +0.6	
F19K	Shalerucik Mo baz=251	89.84	22	P	P	06 01 53.2 -0.3	
A19K	Wainwright baz=248	89.87	19	P	P	06 01 53.5 -0.1	
G19K	Purcell Mouna G19K	89.88	23	P	IAMB	06 01 53.9 +0.2	
G19K	comp-Z,25nm,1.1s	89.88	23	P	P	06 01 54.0 +0.3	
H19K	Purcell Mouna baz=252,SNR=23	89.94	24	P	P	06 01 54.5 +0.5	
C19K	Roundabout M3 baz=253,SNR=13	89.96	20	P	P	06 01 54.6 +0.6	
C19K	Lookout Ridge baz=250,SNR=16	89.96	20	P	P	06 01 54.7 +0.6	
O20K	Slope Mountain baz=256	90.15	29	P	P	06 01 55.1 -0.1	
E19K	Redstone River baz=252,SNR=18	90.24	22	P	P	06 01 55.6 +0.2	
D19K	Kuna River baz=251,SNR=16	90.25	21	P	P	06 01 55.6 +0.1	
K20K	Telida baz=251	90.32	26	P	P	06 01 56.0 +0.1	
M20K	Styx River baz=256	90.36	28	P	P	06 01 56.5 +0.4	
J20K	Nowitza River baz=255	90.51	25	P	P	06 01 57.3 +0.6	
H20K	Anotleneega Mo baz=254	90.56	24	P	P	06 01 57.1 +0.2	
F20K	Avaragt Lake baz=253,SNR=12	90.67	22	P	P	06 01 57.8 +0.5	
BELG	Belogornoye comp-Z,4.0nm,0.9s	90.70	323c	iP	pmax	06 01 56.4 -1.4	
BELG	comp-Z,4.0nm,0.9s						
E20K	Etiyuk River baz=253,SNR=12	90.85	21	P	P	06 01 58.2 0.0	
D20K	Nigu River baz=253,SNR=19	90.86	21	P	P	06 01 58.4 +0.1	
KIRV	Kirov BRSE	90.94	329c	eP		06 01 57.1 -1.6	
BRSE	Bradley Lake S baz=256	91.00	30	P	P	06 01 59.2 +0.1	
PPLA	Purkeypile baz=256	91.03	27	P	P	06 01 59.2 -0.1	
B20K	Meade River baz=252,SNR=8.6	91.06	19	P	P	06 01 59.2 +0.1	
SKT	Skwentna baz=257	91.12	28	P	P	06 01 59.3 -0.3	
CHUM	Lake Minchumin baz=256	91.21	26	P	P	06 02 00.3 +0.4	
G21K	Allakaket baz=255,SNR=9.7	91.38	23	P	P	06 02 00.8 +0.2	
G21K	Allakaket baz=255,SNR=9.7	91.38	23	P	P	06 02 00.9 +0.2	
H21K	Melozitna Rive baz=256,SNR=5.7	91.44	24	P	P	06 02 01.3 +0.3	
F21K	Alatna River baz=255	91.56	22	P	P	06 02 01.5 -0.1	
C21K	Knifblade Rid baz=254,SNR=7.9	91.61	20	P	P	06 02 02.0 +0.3	
A21K	Barrow baz=252	91.64	18	P	P	06 02 01.8 0.0	

I21K	Tanana baz=257	91.66	24	P	P	06 02 02.1 +0.1	
E21K	Kilik River baz=255	91.70	21	P	P	06 02 02.2 0.0	
SEW	Seve River baz=259	91.71	30	P	P	06 02 02.3 0.0	
M22K	Willow baz=258	91.72	28	P	P	06 02 02.7 +0.4	
CUT	Chulitna baz=256	91.79	27	P	P	06 02 02.2 -0.4	
B21K	Ikpikpuk River B21K	91.79	20	P	P	06 02 02.5 0.0	
B21K	Ikpikpuk River baz=254,SNR=12	91.79	20	P	P	06 02 02.6 +0.1	
BPAW	Bear Paw Mtn. baz=258	91.83	26	P	P	06 02 03.4 +0.5	
TRF	Thorofore Moun baz=258	92.00	26	P	P	06 02 03.4 -0.4	
A22K	Sinclair Lake baz=254,SNR=13	92.06	18	P	P	06 02 03.9 +0.2	
H22K	Ishtalitna Cre baz=257	92.07	24	P	P	06 02 04.2 +0.3	
F22K	John River baz=256	92.12	22	P	P	06 02 04.3 +0.1	
MLY	Manley baz=258,SNR=18	92.14	25	P	P	06 02 04.3 0.0	
PMR	Palmer baz=259	92.15	28	P	P	06 02 04.1 -0.3	
G22K	Bettes baz=257	92.25	23	P	P	06 02 04.6 -0.1	
B22K	Teshkepuk Lake baz=256	92.38	19	P	P	06 02 05.2 0.0	
E22K	Anaktuvuk Pass E22K	92.41	22	P	IAMB	06 02 05.3 -0.2	
E22K	comp-Z,20nm,1.2s	92.41	22	P	IAMB	06 02 06.9	
E22K	Anaktuvuk Pass baz=257,SNR=16	92.41	22	P	P	06 02 05.5 +0.1	
KNK	Knik Glacier baz=260	92.44	28	P	P	06 02 05.8 +0.1	
KBZ	Khabaz KBZ	92.47	314f	eP	pmax	06 02 05.5 -0.7	
SML	comp-Z,6.0nm,1.1s	92.57	28	P	P	06 02 06.0 -0.4	
RND	Reindeer RND	92.62	26	P	P	06 02 05.9 -0.7	
RND	Reindeer RND	92.62	26	P	pmax	06 02 05.9 -0.7	
MCK	McKinley baz=259,SNR=8.8	92.65	26	P	P	06 02 05.9 -0.8	
KIV	Kislovodsk KIV	92.65	314	eP	pmax	06 02 06.9 -0.3	
KIV	comp-Z,9.0nm,1.1s			MLR	MLR		
WAT1	comp-Z,10.0nm,20.0s	92.65	27	P	P	06 02 06.2 -0.5	
WAT1	Susitna Watana WAT1	92.65	27	P	P	06 02 06.8 -0.1	
I23K	Minto, Yukon-K baz=259,SNR=25	92.73	25	P	P	06 02 07.6 +0.4	
G23K	Bananza Creek baz=259,SNR=13	92.77	23	P	P	06 02 07.4 +0.1	
H23K	Yukon River baz=259	92.79	24	P	P	06 02 07.2 -0.4	
M23K	Glacier View baz=260	92.85	28	P	P	06 02 07.7 -0.9	
WAT6	Susitna Watana baz=260,SNR=5.8	92.97	27	P	P	06 02 07.9 -0.5	
D23K	Nanushuk River D23K	92.99	21	P	IAMB	06 02 08.4 +0.3	
D23K	comp-Z,25nm,1.2s	92.99	21	P	IAMB	06 02 10.0	
D23K	Nanushuk River baz=258,SNR=12	92.99	21	P	P	06 02 08.7 +0.6	
GLI	Glacier Island baz=261	93.00	29	P	P	06 02 08.4 +0.1	
SCM	Sheep Creek Mo baz=261	93.04	28	P	P	06 02 08.5 -0.1	
Q23K	Middleton Isla baz=261	93.14	31	P	P	06 02 08.9 0.0	
WRH	Wood River Hill E23K	93.14	25	P	P	06 02 07.9 -1.0	
E23K	Chandalar E23K	93.19	22	P	IAMB	06 02 09.1 -0.1	
E23K	comp-Z,21nm,1.1s	93.19	22	P	P	06 02 09.4 +0.2	
C23K	Ikkilik River baz=258	93.20	20	P	P	06 02 09.0 0.0	
DHY	Denali Highway baz=261,SNR=9.3	93.22	27	P	P	06 02 09.3 -0.1	
CCB	Clear Creek Bu COLA	93.30	25	P	P	06 02 08.5 -1.1	
COLA	College COLA	93.31	25j	eP	pmax	06 02 08.6 -1.0	
COLA	comp-Z,8.0nm,0.9s	93.31	25	P	P	06 02 09.7 +0.1	
TOLK	Toolik Lake Re baz=259,SNR=8.1	93.32	21	P	P	06 02 10.0 +0.3	
H24K	Noodor Dome baz=260	93.47	24	P	P	06 02 10.5 +0.1	
POKR							

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pine Mountain, Moxie City, Liberty, Mina Array Bea, Yellowknife Ar.

AFAD 09:07:20:31.3, 38:51N:44:53E, h7km, 3km, ML2.8

Presumed earthquake
ISK 09:07:20:33.7, 38:48N:44:47E, h16km, ML3.0/6

AZER 09:07:20:34.0, 38:36N:44:55E, h40km, m12.8

ISC 09:07:20:33.1, 0.38, 47N:0.02, 44.42E, 0.02, h17km, 9km, n35, c1936/60, Turkey-Iran border region

Main station list for 545, including Ozalp-Mer, Van, Hakkari, Gevas, Nakhchivan, Akdamar-Van, etc.

ISC 09:07:34:37.0, 1.3, 34:14N:25:76E, h0km, mb3.6/7, mbtmp3.5/10, ML3.2/3, Error ellipse: s-maj=32.2km

GII 09:07:34:42.1, 0.0, 33:99N:0.002:26:128E:0.001, h0km, Mws3.5, confirmed

ATH 09:07:34:42.2, 34:17N:25:85E, h12km, 4km, ML2.9/8, Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

ISC 09:07:34:39.4, 2.0, 34:02N:0.06:25:88E:0.06, h17km, 13km, n35, c1928/50, mb3.6/6, Crete

Station list for 545, including Zakros, Neapolis, Anoyia, Gavdhos, Karpathos, Varnos, etc.

Station list for 2020 MAY, including Dead Sea, Mazada, Paran Flat, Mount Harif, Elat, Malin Array Be, etc.

NEIC 09:07:41:54.1, 1.9, 44:28N:0.02:114:82W:0.02, h10km, 2km, ML1/82, ML3.5/32(BUT), Error ellipse: s-maj=3.1km

BUT 09:07:41:54.9, 1.4, 44:30N:0.01:114:82W:0.02, h6km, 5km, Error ellipse: s-maj=3.0km s-min=0.9km az=48.0

ISC 09:07:41:54.0, 0.8, 44:27N:115:01W, h0km, mbtmp2.8/5, ML3.0/5, Error ellipse: s-maj=9.6km s-min=6.9km az=90.0

ISC 09:07:41:54.5, 0.8, 44:27N:115:01W:0.03:114:84W:0.03, h11km, n68, c1509/74, Western Idaho

Station list for 2020 MAY, including Hailey, Camas Ranch, Pearl Lake, Blue Mountains, etc.

YFT comp=N, 50nm, 1.0s

YPP comp=E, 44nm, 0.7s

YPP comp=E, 54nm, 0.5s

YPP comp=N, 48nm, 0.4s

YHU Hansel Valley 2.91 148 Pn 07 42 40.5 -0.4

LNOR Linnton Mounta 2.92 304 Pn 07 42 41.1 +0.2

LNOR comp=N, 45nm, 0.9s

LNOR comp=E, 39nm, 0.5s

MOOW Moose Ponds 3.00 99 Pn 07 42 42.9 +0.8

PCMT Pistol Creek 3.00 11 Pn 07 42 40.0 +0.8

H7TA Grant Village 3.06 86 Pn 07 42 42.6 -0.4

OWMT Ovando 3.08 24 Pn 07 42 43.9 +0.7

AHID Auburn Hatcher 3.10 118 Pn 07 42 43.0 +0.6

AHID comp=E, 37nm, 0.6s

G08A Pilot Rock 3.11 291 Pn 07 42 44.4 +0.7

SLMT Seelye Lake 3.12 17 Pn 07 42 40.0 +0.2

LOHW Long Hollow 3.13 101 Pn 07 42 43.5 -0.5

FBMT Ferry Basin 3.15 5 Pn 07 42 45.0 +0.8

HRV Holter Researc 3.23 40 Pn 07 42 45.6 +0.4

LYMT Lyon Mountain 3.24 33 Pn 07 42 43.2 +0.2

BHMT Big Hole Peak 3.31 358 Pn 07 42 47.3 +0.8

IO7A Ize 3.37 268 Pn 07 42 48.0 +0.9

Station list for 9d 8h, including Dead Sea, Mazada, Paran Flat, Mount Harif, Elat, Malin Array Be, etc.

comp=N, 0.1nm, 0.3s, baz=296, slow=12, SNR=7.3

comp=N, 0.6nm, 0.3s, baz=298, slow=17, SNR=17

comp=N, 0.4nm, 0.3s, baz=305, slow=33, SNR=3.5

comp=N, 0.6nm, 0.6s

Pinned Array 4.12 110 Pn Pn 07 42 58.1 +0.4

Sunnyside 4.21 305 Pn Pn 07 42 58.0 +0.3

Carlson Farm, 4.24 285 Pn Pn 07 43 00.1 +1.0

comp=N, 17nm, 2.0s

Newport 4.30 339 Pn Pn 07 43 01.1 +1.2

comp=N, 0.7nm, 0.3s, baz=150, slow=13, SNR=9.2

comp=N, 1.5nm, 0.3s, baz=69, slow=23, SNR=12

Newport 4.30 339 IAML Pn 07 43 00.4 +0.5

comp=N, 30nm, 0.8s

Dugway, Tooele 4.34 159 IAML Pn 07 43 00.4 -0.2

comp=N, 17nm, 1.4s

Pine Mountain 4.43 266 IAML Pn 07 43 02.3 +0.4

comp=N, 12nm, 1.4s

Pine Mountain 4.43 266 IAML Pn 07 43 02.3 +0.4

comp=E, 14nm, 4.9s

Pine Mountain 4.43 266 IAML Pn 07 43 02.3 +0.4

comp=N, 14nm, 4.3s

Moxie City 4.48 303 IAML Pn 07 43 02.5 +0.1

comp=N, 17nm, 0.6s

Moxie City 4.48 303 IAML Pn 07 43 02.5 +0.1

comp=N, 12nm, 4.9s

Moxie City 4.48 303 IAML Pn 07 43 02.5 +0.1

comp=N, 12nm, 4.9s

Moxie City 4.48 303 IAML Pn 07 43 02.5 +0.1

comp=N, 16nm, 4.2s

Moxie City 4.48 303 IAML Pn 07 43 02.5 +0.1

comp=N, 16nm, 4.2s

Moxie City 4.48 303 IAML Pn 07 43 02.5 +0.1

comp=N, 16nm, 4.2s

Moxie City 4.48 303 IAML Pn 07 43 02.5 +0.1

comp=N, 16nm, 4.2s

Moxie City 4.48 303 IAML Pn 07 43 02.5 +0.1

comp=N, 16nm, 4.2s

Moxie City 4.48 303 IAML Pn 07 43 02.5 +0.1

comp=N, 16nm, 4.2s

Moxie City 4.48 303 IAML Pn 07 43 02.5 +0.1

comp=N, 16nm, 4.2s

Moxie City 4.48 303 IAML Pn 07 43 02.5 +0.1

comp=N, 16nm, 4.2s

Moxie City 4.48 303 IAML Pn 07 43 02.5 +0.1

comp=N, 16nm, 4.2s

Moxie City 4.48 303 IAML Pn 07 43 02.5 +0.1

comp=N, 16nm, 4.2s

Moxie City 4.48 303 IAML Pn 07 43 02.5 +0.1

comp=N, 16nm, 4.2s

Moxie City 4.48 303 IAML Pn 07 43 02.5 +0.1

comp=N, 16nm, 4.2s

Table of station data for 9d 8h. Columns include BRTR, SN, SN, and various time and frequency values. Rows include stations like Keskin Array B, Paran Flat, Ghor Haditha, Mount Hatifa, Elat, Kislovodsk, Khabaz, Malin Array Be, Malin Array Si, GHERSS Array B, Davos/Dischmat, Kasperske Hory, Divnogorie, Storozhevo, Voronezh, Novokhopovsk, Galich'ya Gora, Sonecsa Array, FINESS Array B, ESKDALEMIUR AR, Torodi Ar. Bea, Arti, Lovozero, Chuyangaron, ARCESS Array B, Borovoye, Kurchatov, Kurk Kurk, Kurk Kurk, MKANCI ARRAY, MKAR, MKAR, ZALV, ZALV, ZALV, YK, YK, YK.

Table of station data for 9d 8h, continuing from the previous table. Rows include stations like Keskin Array B, Paran Flat, Ghor Haditha, Mount Hatifa, Elat, Kislovodsk, Khabaz, Malin Array Be, Malin Array Si, GHERSS Array B, Davos/Dischmat, Kasperske Hory, Divnogorie, Storozhevo, Voronezh, Novokhopovsk, Galich'ya Gora, Sonecsa Array, FINESS Array B, ESKDALEMIUR AR, Torodi Ar. Bea, Arti, Lovozero, Chuyangaron, ARCESS Array B, Borovoye, Kurchatov, Kurk Kurk, Kurk Kurk, MKANCI ARRAY, MKAR, MKAR, ZALV, ZALV, ZALV, YK, YK, YK.

Table of station data for 2020 MAY. Columns include station names like Tunceli-Merkez, Akcadag, and various time and frequency values. Rows include stations like Tunceli-Merkez, Akcadag, Tunceli-Merkez, Akcadag, Tunceli-Merkez, Akcadag.

JMA 09 08:51:08.3 0.1, 23.1, 1N, 0.8, 12.1 E, h25km, 2km, MV3.4/14, TAIWAN REGION

Table of station data for 2020 MAY, continuing from the previous table. Columns include station names, Code, Station Name, and various time and frequency values. Rows include stations like Chengkung, Chenggong, Fulbi, Chishang, Haiduan, Changbin, Yuli, Longtian, Lidau, Beinan, Beinan, Pinlang, Wanrong, Taitung, Hungye, Styh, Fenflin Townsh, Taimail, Jichi Village, Alishan, Liugu, WVDT, Ta-pu, Ta-pu, Ta-pu, Ta-pu, Shoufeng, Shoufen, Jiashian, Xinyi Township, Sandimen, Maja, Namshi, Fanlu, Suanglung, Suanglung, Suanglung, Yanliu Villag, Tsauling, Hsinying, Cishan, Mashibuluo, Anshuo, Renai, Tongmen, Jiouru, Sun Moon Lake, Hwalien, Shoushan, Renai, Xiulin Townsh, Shinhua, Gukeng, Chiyang, Xinbi, Douliu, Douliu, Shanhuia, Fangliu, Mingjian, Shizi, Yijhu, Beigang Elemen, Heitan Shan, Lan-yu, Lan-yu, Nanchiao, Nanchiao, Xiulin Townsh, Lyub Lan-yu, Gushan, Shulin Townsh, Fushou, Fushou, Tachien, Tech, Liuhui, Manzhou Townsh, Chigu Township, TSCK.

Table of station data for 2020 MAY. Columns include station names like Szu, Hsiaoiliuchiu, Guolierlin Hig, Erlin, Taichung, Zhonghua, Hengchun, Taichung City, Ta-ch'eng, Hengchun, Hengchun, Pin, Datong, Nan Shan, E054, Liyutan, Wuta, Dajia District, Datong, Datong, Sdao, Wufeng Townshi, Xuodun, Dongshan, Nanjiang, Yeheng, Yeheng, Suao, Xiangjia, Emei, Dungi, Neicheng, Fushanzhiwuyua, Nwl, Guanxi Townshi, Peng-hu, Penghu, Gimei, Taipei, Mueha, Shuangxi, Yanagunjimaku, Santiao Chiao, Wu-fen Shan, Wu-fen Shan, Yanaguni jima, Yanaguni jima, Yanaguni jima, Grass Mountain, Zhuzhu, Kuroshima, Houxiangcun, Ishigaki jima, Chin-men Tao, Ishigakijima, Ma-tsu, Tarama, Jialang, Yeshan, Jianjiangzhen.

IOC 09 08:56:28.5 0.6, 14.09S; 66.05E, h0km, mb3.9/16, mbmp3, 9.16M, MS4.0/41, Error ellipse: s-maj=20.9km s-min=18.0km az=62.0

Table of station data for 2020 MAY. Columns include station names like Diego Garcia, Hualien, Shoushan, Renai, Xiulin Townsh, Shinhua, Gukeng, Chiyang, Xinbi, Douliu, Douliu, Shanhuia, Fangliu, Mingjian, Shizi, Yijhu, Beigang Elemen, Heitan Shan, Lan-yu, Nanchiao, Nanchiao, Xiulin Townsh, Lyub Lan-yu, Gushan, Shulin Townsh, Fushou, Fushou, Tachien, Tech, Liuhui, Manzhou Townsh, Chigu Township, TSCK.

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC. Contains earthquake data for stations like CMAR, CHTO, TSUM, SHL, etc.

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC. Contains earthquake data for stations like GUMU, ESDC, MJAR, NRIK, etc.

MEX 09:08:57.02:3.0,8.16:22km:98°07'W, h11km, 7km, MD4.4

Presumed earthquake
IDC 09:08:57.06:0.5,4.16:21km:97°77'W, h74km, 53km, mb3.2/5,
mbtmp3.9/8, ML2.8/2, MS3.0/6, Error ellipse: s-maj=50.2km
s-min=33.9km az=32.0

ISC 09:08:56.58:4.1,3.16:11N.0°04.98'06W.02, h14km, 7km,
n76, c=227/128, mb3.6/16, MS3.0/4, Near coast of Guerrero

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC. Contains earthquake data for stations like PNIG, PEIG, YOIG, etc.

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC. Contains earthquake data for stations like TGIG, CTUV, IMIG, etc.

IDC 09:09:07.06:0.1,3.17:19N.145°63'E, h338km, 17km,
mb3.2/12, mbtmp3.9/13, Error ellipse: s-maj=21.5km
s-min=19.2km az=71.0

NEIC 09:16:07.07:5.18,17.2°24N.0°09.145'E, h346km, 8km,
mb3.7/11, Error ellipse: s-maj=29.5km s-min=13.0km
az=89.0

ISC 09:09:07.02:0.6,1.7:18N.0°07.145'E.02, h350km, n31,
c1902/33, mb3.6/16, Mariana Islands

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC. Contains earthquake data for stations like GUMU, JGIG, JNU, etc.

IDC 09:18:55.0:0.9,3.99S:59°23'E, h0km, mb3.9/7,
mbtmp3.9/8, ML3.7/1, MS3.8/3, Error ellipse: s-maj=33.3km
s-min=22.3km az=75.0
NEIC 09:18:56.8:1.9,31°04S:0°02:59'E.0:1, h10km, 1km,
mb4.4/17, Error ellipse: s-maj=18.3km s-min=3.9km
az=96.0

Table of seismic events with columns for Code, Station Name, Time, Res, ISC, and Res ISC. Includes events like H0S22 Diego Garcia H, H0S33 Diego Garcia H, LPHEP Lephelpe, etc.

Table of seismic events with columns for Code, Station Name, Time, Res, ISC, and Res ISC. Includes events like MT15 Las Vizcachas, CO03 EI Pedregal, MT12 Pirque, etc.

Table of seismic events with columns for Code, Station Name, Time, Res, ISC, and Res ISC. Includes events like KAHZ South Ngauruho, SNVZ Ngauruho, NGZ Kereru, etc.

GUC 09:35:00.8±0.5, 23°31'S, 67°56'W, h245km±11km, ML3.8, 6C-1D, Chile-Argentina border region

Table of seismic events for GUC 09:35:00.8±0.5, 23°31'S, 67°56'W, h245km±11km, ML3.8. Includes stations like AF01 San Pedro de A, SALTA IPOC Station P, etc.

SNET 09:35:39.9±0.4, 13°25'N, 89°85'W, h32km, ML2.9, Presumed earthquake

CATAC 09:35:39.0±0.4, 13°N, 2°9'OW, h18km±2km, M2.9/21, MLV2.9/21, Error ellipse: s-maj=4.6km s-min=2.9km az=22.1, confirmed

GCG 09:35:40.6±1.0, 13°26'N, 89°81'W, h29km±5km, MD4.1, Presumed earthquake

ISC 09:35:40.2±1.5, 13°23'N, 0°05'89'78W, h28km±11km, n58, c063/98, 1C-4D, El Salvador

Table of seismic events for ISC 09:35:40.2±1.5, 13°23'N, 0°05'89'78W, h28km±11km, n58, c063/98, 1C-4D, El Salvador. Includes stations like LALI Alcaldia de L, LALI Alcaldia de L, etc.

SJA 09:24:41.7±0.6, 32°39'S, 72°09'W, h16km±4km, ML3.3, MW3.5

GUC 09:24:44.5±0.9, 32°30'S, 71°85'W, h28km±4km, ML3.4

ISC 09:24:42.1±1.5, 32°33'S, 0°02'72'03W, h14km±10km, n55, c1942/85, 18C-3D, Off coast of central Chile

Table of seismic events for ISC 09:24:42.1±1.5, 32°33'S, 0°02'72'03W, h14km±10km, n55, c1942/85, 18C-3D, Off coast of central Chile. Includes stations like VA06 Catapilco, VA01 Torpederas, etc.

WEL 09:25:21.4±0.8, 35°S, 13°18'0E, h18, h303km±11km, M3.5/13, mB3.9/1, ML3.4/13, MLV3.5/13, Mw(mB)2.9/1, Error ellipse: s-maj=26.6km s-min=9.2km az=122.8, South of Kermadec Islands

Table of seismic events for WEL 09:25:21.4±0.8, 35°S, 13°18'0E, h18, h303km±11km, M3.5/13, mB3.9/1, ML3.4/13, MLV3.5/13, Mw(mB)2.9/1, Error ellipse: s-maj=26.6km s-min=9.2km az=122.8, South of Kermadec Islands. Includes stations like MXZ Matakoa Point, WMGZ Waiomatatini S, etc.

Table of seismic events for WEL 09:25:21.4±0.8, 35°S, 13°18'0E, h18, h303km±11km, M3.5/13, mB3.9/1, ML3.4/13, MLV3.5/13, Mw(mB)2.9/1, Error ellipse: s-maj=26.6km s-min=9.2km az=122.8, South of Kermadec Islands. Includes stations like UDBS Universidad Do, UDBS Universidad Do, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and other parameters. Includes SARH Santa Rosa de, LCND La Caada, CSGN Cosiguina Volc, etc.

IDC 09 09:36:23.6 1.5, 30.98S:59.35E, h0km, mb3.9/5, mtbmp3.9/5, Error ellipse: s-maj=46.6km s-min=28.9km az=105.0

NEIC 09 09:36:26.1 1.0, 30.9S:0.1:59.5E:0.1, h10km, 1km, mb4.3/13, Error ellipse: s-maj=23.9km s-min=17.3km az=230.0

ISC 09 09:36:25.3 0.6, 30.9S:0.1:59.5E:0.1, h10km, n31, c059/23, mb4.2/10, Southwest Indian Ridge

Main station list table for the left column, containing station names, coordinates, and various parameters.

Main station list table for the middle column, containing station names, coordinates, and various parameters.

Main station list table for the right column, containing station names, coordinates, and various parameters.

551

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like SUMG Summit, NRS Narsarsuaq, and various other locations.

2020 MAY

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like C27K Jago River, C23K Itkillik River, and various other locations.

9d 9h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like G25K Bearman Lake, G22K Bettles, and various other locations.

FINES FINES Array B 79.27 332 P P 10 11 53.4 -0.6
1.7nm,0.9s,baz=95,slow=4.0,SNR=5.2
1.7nm,0.9s

IDC 09 10:02:01.4.2.7.41.55N:139.94E,h174km,33km,mb3.4/4,
mbmp3.8/6,MS3.5/1,Error ellipse: s-maj=37.5km
s-min=27.0km az=11.0

JMA 09 10:02:01.4.0.2.41.60N:140.07E,h107km,163km,1km,
MV2.9/33,SW OFF HOKKAIDO
ISC 09 10:02:00.8.0.9.41.60N:139.95E,0.08,h167km,6km,
n21,0=44/30,mb3.6/4,Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Oshimamatsumae, Shiruichi, Okushiri-Mats, Yakumo 2, etc.

IDC 09 10:06:32.2.0.8.20.91N:69.99E,h0km,mb3.9/16,
mbmp3.9/16,MS3.2/4,Error ellipse: s-maj=28.7km
s-min=16.1km az=39.0

NEIC 09 10:06:46.7.0.9.22.1N:0.1:69.0E:0.1,h10km,2km,
mb4.1/26,Error ellipse: s-maj=23.8km s-min=18.2km
az=156.0

ISC 09 10:06:34.3.0.8.21.0N:0.1:70.0E:0.07,h10km,n56,
#256/52,mb4.1/24,MS3.2/4,Southern India

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Bhuj, Udaipur, Jaisalmer, Narmada Nagar, etc.

Table with columns: TIP, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CUC, San Giovanni R, Fines, etc.

WEL 09 10:26:25.6.1.0.33.10:18.0E:1.8,h456km,20km,
mb4.1/7,ML3.9/7,MLV4.1/8,M(mb)3.1/7,Error ellipse:
s-maj=23.0km s-min=13.1km az=97.0,South of
Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Waiomatatini S, HAZ, Pakihiroa, etc.

NEIC 09 10:39:02.2.0.8.5.52N:0.08:127.5E:0.2,h136km,10km,
mb4.2/18,Error ellipse: s-maj=23.2km s-min=10.1km
az=71.0

IDC 09 10:39:04.0.5.66N:127.35E,h140km,MS3.8
MAN 09 10:39:05.1.4.5.29N:127.07E,h167km,10km,mb3.5/7,
mbmp4.0/9,Error ellipse: s-maj=60.5km s-min=10.3km
az=60.0

ISC 09 10:39:02.8.0.9.53N:0.06:127.51E:0.09,h149km,9km,
n41,0193/49,mb4.1/15,Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Don Marcelino, Davao City, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Forrest, Buckleboo, Narrogin (SRO), etc.

TAP 09 10:43:04.5.23.46N:121.47E,h29km,ML3.2,C,Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Wanrong, Changbin, Hungye, etc.

9d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like MASBT, WSL, WSS, etc.

NAO 09 10:52:33.3, 35°54'N, 23°71'E, h33km, MB4.8

GII 09 10:52:40.5, 0.0, 37°25'N, 0.002, 20.492E, 0.001, h0km, MWS4.8, confirmed

BJI 09 10:52:48.2, 37°23'N, 20°49'E, h15km, mB5.0/12, mb4.9/35, Ms4.8/12, Ms7.4/5/13

MOS 09 10:52:49.1, 1.1, 37°33'N, 20°52'E, h11km, mb4.8/29, Error ellipse: s-maj=5.0km s-min=3.0km az=7.9

ATH 09 10:52:50.6, 37°18'N, 20°46'E, h6km, 1km, ML4.5/12, Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

THE 09 10:52:50.8, 37°N, 2°E, h0km, 1km, M4.5/20, MLh4.5/20

PDG 09 10:52:51.9, 0.8, 37°28'N, 20°47'E, h24km, 2km, ML4.7/12, Error ellipse: s-maj=1.2km s-min=1.2km az=0.0

NEIC 09 10:52:51.8, 1.2, 37°36'N, 0.07, 20°54'E, 0.1, h13km, 5km, mb4.7/54, Error ellipse: s-maj=10.7km s-min=7.5km az=197.0

MCSM 09 10:52:52.0, 0.4, 37°N, 4°E, h13km, 3km, mb4.7, mB4.7, MLv4.5, Mw(mB)3.9

IDC 09 10:52:53.5, 3.8, 37°39'N, 20°62'E, h26km, 25km, mb4.3/26, mbmp4.4/39, ML3.7/10, MS3.7/49, Error ellipse: s-maj=13.6km s-min=10.4km az=166.0

ISC 09 10:52:51.6, 0.8, 37°24'N, 0.03, 20°51'E, 0.03, h17km, 4km, n865, s193/885, mb4.7/94, MS3.8/50, 38C-44D, Ionian Sea

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like LTHK, ORTH, KYPIS, etc.

20 MAY

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like MET3, MET2, AXAR, etc.

554

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like DRGR, PLOR, PLOST, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like KHC, KASPERSKA HORY, OJC, etc.

2020 MAY

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like MNK, KASPERSKA HORY, OJC, etc.

9d 10h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like SNART, AAL, RSBS, etc.

9d 10h

Table with columns for station name, frequency, power, and signal strength. Includes stations like CHGR Chuyangaron, KK31 Karatay Array, and many others.

2020 MAY

Table with columns for station name, frequency, power, and signal strength. Includes stations like G2A2 Gaotai, TIXI Tiksi, and many others.

556

Table with columns for station name, frequency, power, and signal strength. Includes stations like C19K Lookout Ridge, E27K Coleen River, and many others.

Table with columns: IAR, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Eielson Array, Salcha River, Sheldon Lake, Honhosa River, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Stony River, Holitna River, Glacier Island, Pinnacle, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Time Res, and other parameters. Includes stations like SOEI, BATI, BSSJ, FITZ, etc.

IDC 09 11:14:39.5:0.6,9:44S:125.12E,h0km,mb4.3/11, mbmp4.4/15,ML4.8/4,MS3.2/4, Error ellipse: s-maj=19.8km s-min=13.2km az=81.0 NEIC 09 11:14:40.6:1.6,9:60S:0:06:125:04E:0:06,h10km,1km, mb4.6/24, Error ellipse: s-maj=10.9km s-min=9.8km az=192.0 DJA 09 11:14:43.8:0.3,10:S:2:12*5E:1,h10km,M4.5/14,

Table with columns: YKA, Yellowknife Ar, 90.92 23 P, 11 32 42.6 +0.5, etc.

SKHL 09 11:22:08.3±0.5, 42°30'N:145°00'E, h45km, mb4.5/2 JMA 09 11:22:08.1±0.1, 42°30'N:0°5'144.9'E:0.5, h50km, 1km, MV2.7/38, OFF NEMURO PENINSULA

ISC 09 11:22:07.5-1.7, 42.85N:0.08-144.96E:0.05, h51km, 9gkm, n15, c051/26, Hokkaido region

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

ISC 09 11:32:12.8±3.9, 30°72'N:141°38'E, h0km, mb3.3/4, mbmp3.4/6, ML3.0/2, Error ellipse: s-maj=159.4km s-min=21.9km az=71.0

ISC 09 11:32:14.0±6.4, 31°11'N:0°14'2E±1, h35km, n6, c0939/6, mb3.5/4, Southeast of Honshu

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

ISC 09 11:46:27.2±0.6, 30°59'N:137°91'E, h468km, 8km, mb3.0/13, mbmp4.0/20, Error ellipse: s-maj=14.9km s-min=6.8km az=78.0

JMA 09 11:46:28.0±0.4, 31°11'N:3°13'8E±1, h492km, MV3.9/25, NEAR TORISHIMA IS

ISC 09 11:46:27.5±0.6, 30.57N:0.07-137.99E:0.09, h477km, n35, c1833/46, mb3.4/13, Southeast of Honshu

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

Table with columns: ILAR, Elnion Array, 56.49 30 P, 11 55 23.8 +0.9, etc.

ISC 09 12:00:15.7±8.7, 6.62S:153°51'E, h121km, 62km, mb3.2/3, mbmp3.7/4, MS2.4/2, Error ellipse: s-maj=79.0km s-min=39.5km az=106.0, New Britain region

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

SOME 09 12:10:54.2, 41°90'N:86°40'E, h5km NNC 09 12:11:18.3±2.1, 42°32'N:85°49'E, h4km, 2gkm, mb3.8, mpv3.5, Error ellipse: s-maj=14.8km s-min=8.4km az=159.0

ISC 09 12:11:18.4±0.8, 42°28'N:85°51'E, h0km, mb3.8/10, mbmp3.7/16, ML3.2/5, MS2.9/2, Error ellipse: s-maj=22.8km s-min=11.0km az=51.0

NEIC 09 12:11:19.1±1.1, 42°23'N:0°07:85.6E:0°1, h10km, 1km, mb4.4/10, Error ellipse: s-maj=15.4km s-min=10.0km az=237.0

ISC 09 12:11:19.2±0.6, 42.24N:0°06:85.48E:0.05, h10km, n61, c1949/66, mb3.9/13, 10C-4D, Northern Xinjiang

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

ISC 09 12:14:38.7±9.3, 6.81S:153°50'E, h126km, 66km, mb3.1/3, mbmp3.6/4, MS3.6/1, Error ellipse: s-maj=84.6km s-min=40.2km az=105.0, New Britain region

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

Table with columns: ZALV, Zalesovo Beam, 11.72 358 Pn, 12 14 06.0 -0.4, etc.

ISC 09 12:19:54.0±6.6, 6.30S:152°15'E, h185km, 44km, mb3.1/4, mbmp3.6/5, MS3.1/1, Error ellipse: s-maj=96.8km s-min=30.7km az=107.0, New Britain region

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

ISC 09 12:41:36.6±7.6, 39°20'N:73°30'E, h0km, mb3.6, mpv3.4, Error ellipse: s-maj=54.1km s-min=31.7km az=165.0

SOME 09 12:41:43.7, 39°42'N:72°60'E, h10km ISC 09 12:41:45.6±3.2, 39.5N:0°27:24E:0°1, h10km, n7, c1932/9, 9C-10, Southern Xinjiang

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

ISC 09 13:12:53.5±23.0, 22°05'S:179°87'W, h274km, 112km, mb3.2/3, mbmp3.7/4, Error ellipse: s-maj=350.5km s-min=59.5km az=130.0, South of Fiji Islands

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, h, m, s, ISC, Time Res. Rows include stations like MCLT, SLAC, SCOP, SLBI, SBGH, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, h, m, s, ISC, Time Res. Rows include stations like PDD3, PDDA, PDCR, PDCS, etc.

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

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

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

Table with columns: Station ID, Name, Date, Time, Status, Location, etc. Includes stations like F20K, ILAR, D17K, etc.

Table with columns: Station ID, Name, Date, Time, Status, Location, etc. Includes stations like HYT, M29M, C21K, etc.

Table with columns: Station ID, Name, Date, Time, Status, Location, etc. Includes stations like U33K, N32M, P33M, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like AKTO Aktyubinsk, EDMD Edmundsbyers, KESW Keswick, PABE Pabst, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like SQTA Sankt Quirin, ARSA Arzberg, FETA Feichtner, KBA Koelnbreinsper, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like mb3.4/3, Crete, AKASO Malin Array B, GERES GERESS Array B, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like Batken, Makanchi, Karatay Array, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like Lhasa, Jaisalmer, Jhansi, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like Ulaanbaatar, Chengdu, TengChong, etc.

Table with columns: Station, SNR, Frequency, Azimuth, Elevation, Azimuth Error, Elevation Error, and various status indicators.

Table with columns: Station, SNR, Frequency, Azimuth, Elevation, Azimuth Error, Elevation Error, and various status indicators.

Table with columns: Station, SNR, Frequency, Azimuth, Elevation, Azimuth Error, Elevation Error, and various status indicators.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MNK, MNR, MNS, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MRL, MRF, MEF, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like GSI, MAUC, SRO, etc.

9d 15h

2020 MAY

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like PRU Pruhonice, NB201 NORSAR Array S, ARSA Arzberg, SPA0 Spitsbergen Ar, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like MOL Trieste, SABO Trieste, MUD Monsted Ugrnd, HOMB Homborsund, LESA Lesa, etc.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like ESK Eskdalemuir, ESK Eskdalemuir, INVG Inverjellic, KESW Keswick, etc.

Table with columns: ID, Name, Date, Time, Location, Status, Value, and other details. Includes entries like D19K Kuna River, F15K North Star Dit, GUMO Guam, etc.

Table with columns: SFJD, Name, Date, Time, Location, Status, Value, and other details. Includes entries like SFJD Kangerlussuaq, SFJD Ambohditrompo, SFJD G22K Bottles, etc.

Table with columns: ILAR, Name, Date, Time, Location, Status, Value, and other details. Includes entries like ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, etc.

9d 15h

Table of flight arrivals from 9d 15h. Columns include flight number, airline, origin, arrival time, status, and delay. Rows include destinations like Beaver Creek, Cape Douglas, Mt. Peulik, etc.

2020 MAY

Table of flight arrivals for 2020 MAY. Columns include flight number, airline, origin, arrival time, status, and delay. Rows include destinations like Atlin, Yellowknife, Meehkatharra, etc.

572

Table of flight arrivals for 572. Columns include flight number, airline, origin, arrival time, status, and delay. Rows include destinations like Mina Array, Santa Maria, Santa Ana, etc.

NOU 09 15:36:32.8,39:61'S:174:67'E, h18km, MLV3.5/21, North Island, New Zealand
WEL 09 15:36:34.6,0:6:0.4, S:3:3' 17' 5E, h109km, MLV3.3/31, ML3.0/25, MLV3.3/81, Error ellipse: s-maj=4.7km

Table of flight arrivals for various stations. Columns include Code, Station Name, Arrival Time, Status, and Delay. Rows include stations like Lake Rotokare, Wanganui, Huiakama School, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like WEL, MTW, SNZO, KAHR, etc.

DNK 09 15:36:57.8-1.7, 79.32N, 4.36E, h2km, 5.4km, ML1.7, Presumed earthquake
NAO 09 15:36:58.9-1.0, 79.51N, 4.28E, h10km, ML2.9
BER 09 15:37:00.2-2.6, 79.52N, 4.27E, h10km, Mw3.5, ML2.9(NAO), Confirmed Earthquake
KOLA 09 15:37:01.1, 79.63N, 6.09E, h0km, ML2.1, Error ellipse: s-maj=52.3km s-min=22.1km az=30.0, Greenland sea, Knipovich ridge, north
FCIAR 09 15:37:03.0, 79.41N, 6.15E, h10km, station ZF12 has station magnitude of 3.90 station OMEGA has station magnitude of 3.70
ISC 09 15:36:58.2-1.2, 79.41N, 0.06, 4.31E, 0.05, h10km, n32, #2501/52, Greenland Sea

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

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

ISK 09 15:41:19.9, 39.33N, 38.42E, h5km, ML4.0/25
AFAD 09 15:41:19.9, 39.33N, 38.38E, h8km, 3km, MW4.0
ISC 09 15:41:20.3-1.1, 39.33N, 0.02, 38.40E, 0.02, h5km, 11km, #15277/8, Turkey

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

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

IDC 09 15:49:21.5-5.1, 40.94N, 78.54E, h0km, mb3.5/4, mbmp3.45, ML2.8/1, Error ellipse: s-maj=94.3km s-min=20.1km az=136.0
SOME 09 15:49:21.9, 40.87N, 78.67E, h5km
KRNET 09 15:49:22.0-1.0, 40.83N, 78.67E, h18km, mb3.9
NNC 09 15:49:23.8-1.0, 40.87N, 78.65E, h0km, 11km, mb4.1, mpv3.9, Error ellipse: s-maj=6.6km s-min=4.6km az=159.0
ISC 09 15:49:21.2-2.2, 40.74N, 0.08, 78.74E, 0.05, h3km, 11km, n50, #1940/73, mb3.5/4, 24C-14D, Southern Xinjiang

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC, Res. Contains station data for various locations like AAK, AAK, AAK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC, Res. Contains station data for various locations like KOTS, KST, KST, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC, Res. Contains station data for various locations like UZR, MXMB, MXMB, etc.

9d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OHineapeana, Carnagh Statio, Matawai, Te Karaka, Urewera, etc.

IDC 09 17:22:27.71, 3.40, 70°N, 78.74E, h0km, mb3.6/8, mbmp3.5/12, ML2.9/4, MS3.1/2, Error ellipse: s-maj=19.0km s-min=16.8km az=153.0

KRNET 09 17:22:31.4-0.1, 40.82N, 78.64E, h20km, mb3.8 SOME 09 17:22:32.6, 40.88N, 78.63E, h5km

NNC 09 17:22:33.0, 1.7, 40.90N, 78.72E, h0km, mb4.3, mpv4.1, Error ellipse: s-maj=12.0km s-min=9.4km az=166.0

ISC 09 17:22:29.5, 1.9, 40.89N, 0.06, 78.69E, 0.04, h1km, n4, n6, s202/85, mb3.5/7, 20C-23D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Taragay, Kyrgy, Przheval'sk, Kajisay, Naryn, Saty, etc.

2020 MAY

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Uchtor, Arharly, Kurty, Kurly, Konyrien, etc.

IDC 09 17:23:40.8-0.9, 6.38S, 154.25E, h0km, mb3.9/9, mbmp4.0/11, ML2.7/2, Error ellipse: s-maj=26.0km s-min=20.9km az=99.0

NEIC 09 17:23:41.9, 1.6, 6.45S, 0.05, 154.34E, 0.10, h10km, 1km, mb4.5/27, Error ellipse: s-maj=16.3km s-min=8.3km az=77.0

ISC 09 17:23:46.5-0.6, 6.46S, 0.08, 154.30E, 0.08, h48km, n46, s123/48, mb4.3/20, Bougainville-Solomon Islands region

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

576

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

IDC 09 17:27:56.1, 2.3, 5.55N, 123.67E, h0km, mb3.5/4, mbmp3.5/4, Error ellipse: s-maj=321.3km s-min=22.8km az=64.0, Mindanao

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

IDC 09 17:37:33.9, 0.8, 44.37N, 115.23W, h0km, mbmp2.8/5, ML2.9/5, Error ellipse: s-maj=10.2km s-min=6.3km az=84.0

NEIC 09 17:37:35.2, 0.9, 44.39N, 0.02, 115.18W, 0.03, h19km, 9km, ML3.2/12, Error ellipse: s-maj=3.1km s-min=2.4km az=139.0

ISC 09 17:37:34.1, 2.0, 44.37N, 0.03, 115.22W, 0.03, h2km, 17km, n84, s106/94, Western Idaho

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Pearl Lake, Hailey, Camas Ranch, etc.

577

Table with columns: Station Name, Time, Res, Phase ID, and various station codes (WVOR, YPP, YNM, etc.).

2020 MAY

Main table with columns: Code, Station Name, Time, Res, Phase ID, and various station codes (BBOR, KVN, I03D, etc.).

19d 18h

Table with columns: Station Name, Time, Res, Phase ID, and various station codes (SDV, BOAV, CPUP, etc.).

9d 19h

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

KRNET 09 18:32:51.0.0.1, 41'22N, 79'14E, h18km, mb2.6, 6C-4D, Kyrgyzstan-Xinjiang border region

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

2020 MAY

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries like IDC 09 18:36:12.2, 0.8, 72.60N, 4.30E, h0km, mb3.2/6, etc.

578

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

9d 19h

Table listing flight arrivals and departures with columns for airline, flight number, origin/destination, arrival/departure time, and status.

2020 MAY

Table listing flight arrivals and departures with columns for airline, flight number, origin/destination, arrival/departure time, and status.

580

Table listing flight arrivals and departures with columns for airline, flight number, origin/destination, arrival/departure time, and status.

9d 19h

Table with columns for station name, coordinates, and various parameters. Includes stations like BOOM, KUU, TKM2, KBK, YAK, etc.

2020 MAY

Table with columns for station name, coordinates, and various parameters. Includes stations like GAR, MA2, MA2, MA2, etc.

582

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

Table with columns: Station Name, Frequency, Class, Mode, Power, Date, Time, and other details. Includes stations like KIV Kislovodsk, SHA1 Bethel, D17K Noatak River, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, Date, Time, and other details. Includes stations like A22K Sinclair Lake, OBNS Obninsk, OBNS Obninsk, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, Date, Time, and other details. Includes stations like MCK McKinley, O22K Cooper Landing, PMR Palmer, etc.

Table with columns: Station Name, Frequency, Mode, Direction, Time, and other details. Includes stations like KBS Kingsbay, FINESS Array B, and various other frequencies.

Table with columns: Station Name, Frequency, Mode, Direction, Time, and other details. Includes stations like CFR Caraliu, DAWY Dawson, and various other frequencies.

Table with columns: Station Name, Frequency, Mode, Direction, Time, and other details. Includes stations like MARR Marisel-Cluj, UZHM Uzhgorod, and various other frequencies.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like VRAC Vranov, SKAR Skarslia, COP Copenhagen, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MOTA Moosalm, SUMG Summit, YKAW Yellowknife Wh, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like TXAR Paso Flores, TXAR Lajitas Array, WVT Waverly, etc.

SOME 09 19:25:50.8, 42'02N-79'15E, h0km, Lake Issyk-Kul

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like KOTS Kotrybulak, ARXS Arharly, etc.

RSNC 09 19:26:44.0, 0.7'N, 1.7'W, h141km, 2km, M2.4, ML2.0

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

NEIC 09 19:27:15.9, 0.5, 37'66N=0'02x105'48W=0'07, h5km, 1km, ML1.4/10, Error ellipse: s-maj=9.6km s-min=2.9km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like SDCO Great Sand Dun, T25A Trinidad, etc.

IDC 09 19:27:33.5, 1.2, 55'51S=28'17W, h0km, mb3.9/3, mbmp3.9/4, ML4.2/1, Error ellipse: s-maj=46.9km s-min=27.0km az=75.0

NEIC 09 19:27:37.8, 0.6, 55'65S=0'1x28'50'W=0'2, h35km, 2km, mb2.9/9, Error ellipse: s-maj=23.5km s-min=11.4km az=43.0

ISC 09 19:27:39.2, 0.8, 55'55S=0'1x28'50'W=0'1, h45km, n24, az=21/19, mb4.0/4, C, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

9d 19h

Table with columns: LPAZ, La Paz, comp, 49.48 306, P, I, Amb, P, I, Amb, 19 36 26.1 +0.5, 19 36 27.9, LBTB, Lobatse, 49.55 75, P, I, Amb, P, I, Amb, 19 36 24.1 -1.4, 19 36 25.8, TORD, Torodi Ar. Bea, 72.95 31, P, 19 39 03.9 +0.2, ILAR, Eielson Array, 149.22 313, PKPbc, PKIKP, 19 47 22.7 +0.4

SKHL 09 19:31:15.9,0.6,47.7:60N:147.20E,h424km,15km,mb4.7/9, msh4.8/4

MOS 09 19:31:16.6,1.1,47.69N:146.83E,h425km,mb3.4/4, Error ellipse: s-maj=15.1km s-min=11.0km az=06.5

JMA 09 19:31:17.2,0.6,47.17N:147.7E,h456km,MV3.4/30, SOUTHERN SEA OF OKHOTSK

IDC 09 19:31:18.4,1.8,47.71N:146.77E,h425km,21km, mb3.0/12,mbtmp3.8/18, Error ellipse: s-maj=16.6km s-min=12.2km az=151.0

ISC 09 19:31:17.9,0.6,47.41N:0.06:146.85E:0.07, h450km,n67, c=250/76,mb3.5/14, 4C-3D, Northwest of Kuril Islands

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, s, I, S, C. Contains numerous station entries for various stations like Kuril'sk, Ugligorsk, etc.

2020 MAY

Main table with columns: AAK, Ala-Archa, 49.67 293f, eP, P, pmax, 19 39 29.1 +2.1, AAK, Ala-Archa, 49.67 293f, eP, P, pmax, 19 39 29.1 +2.1, AAK, Ala-Archa, 49.67 293f, eP, P, pmax, 19 39 29.1 +2.1, AAK, Ala-Archa, 49.67 293f, eP, P, pmax, 19 39 29.1 +2.1

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Main table with columns: WIZ, White Island, 0.13 151, P, Pn, 19 58 45.9 -0.7, WIZ, White Island, 0.13 151, P, Pn, 19 58 45.9 -0.7, WIZ, White Island, 0.13 151, P, Pn, 19 58 45.9 -0.7, WIZ, White Island, 0.13 151, P, Pn, 19 58 45.9 -0.7

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s ISC. Includes stations like HOWZ Holdsworth Sta, GWGZ Otaki Gorge, TMWZ Te Maipa, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s ISC. Includes stations like MWPI Manokwari, BAKI Biak, RPKI Ransiki, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s ISC. Includes stations like GLKZ Green Lake, RIZZ Raoul Island, MXZ Matakaoa Point, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time Res, h m s ISC. Includes stations like IDC 09 20:00:10.0, 0.9, 0.55S, etc.

9d 20h

Table with columns for station name, frequency, power, and coordinates. Includes stations like SATY, UZB Uzynbulak, SHLS Shalkode, BOOM Boomskeye usch, etc.

2020 MAY

Table with columns for station name, frequency, power, and coordinates. Includes stations like TRKS Terek-Say, BTK Batken, KK31 Karatay Array, etc.

588

Table with columns for station name, frequency, power, and coordinates. Includes stations like BNI, EKA Eskdalemuir Ar, ESDC Sonseca Array, etc.

RSNC 09 20:16:56.9:0.0,7N:1:7:3W:1, h131km,2km, M2.5, ML2.3

ISC 09 20:16:54.2:1.4,747N:0:03:73:16W:0:04, h141km,7km, n25, i3131/48, Northern Colombia

Table with columns for Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Lists various stations like VMM09 Lebrija, PAMC Pamplona, etc.

IDC 09 20:39:06.8:1.6,35:32N:26:03E, h0km, mb3.5/4, mbmp3.4/5, ML2.1/1, Error ellipse: s-maj=256.8km

ATH 09 20:39:12.6:35:16N:26:19E, h27km, 1km, ML2.9/7, Latitude uncertainty: 4 km; Longitude uncertainty: 2 km

THE 09 20:39:13.1,35:15N:2:60E, h22km, 4km, M2.8/6, ML2.8/6

ISC 09 20:39:12.0:0.9,35:13N:0:07:26:20E:0:04, h30km, 5km, n38, o8:83/46, mb3.5/3, Crete

Table with columns for Code, Station Name, Az, Az2, Op, Phase ID, Time Res, ISC. Lists various stations like ZKR Zakros, ZKR Zakros, etc.

9d 23h

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

AUST 09 22:28:56.9, 0.7, 18.7, 12.1, 76E, h10km, ML3.2/6, Error ellipse: s-maj=18.0km s-min=6.8km az=150.0

NOU 09 22:28:57.5, 18.08S, 120.15E, h87km, mb3.9/9, Western Australia

ISC 09 22:28:55.3, 1.4, 18.275N, 0.09, 120.20E, 0.07, h10km, n23, e1566/27, Western Australia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CAAN Eighty Mile Be, AUBRM Broome Senior, MBWA Marble Bar, FITZ Fitzroy Crossi, GIRL Giralda, CVOOZ Cooralya Stati, MEEK Meekatharra, WRKA Warakurna, MORW Morawa, MTN Manton Dam, BLDU Ballidu, WRAB Tennant Creek, WRAB Tennant Creek, ASO1 Alice Springs, MUN Mundaring, MUN Mundaring, NWAOW Narrogin (SRO).

IDC 09 22:48:10.3, 3.8, 33.93N, 25.49E, h0km, mb3.7/7, mbmp3.5/12, ML3.1/5, MS2.4/1, Error ellipse: s-maj=69.9km s-min=20.5km az=37.0

ATH 09 22:48:17.4, 34.32N, 25.65E, h10km, 3km, ML2.6/8, Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

ISC 09 22:48:14.9, 1.0, 34.10N, 0.09, 25.76E, 0.05, h20km, 6km, n25, e1711/32, mb3.7/7, Crete

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ZKR Zakros, NPS Neapolis, ANOY Anoyia, GVD Gavidhos, VAM Vamos, KARP Karpathos, IMIV Iera Moni Meta, THERA Ancient Thera, VLI Velia, KSL Kastellorizon, DION Dionisos Attik, GUR Gours, MMAL Mount Meron Ar, MMAL Mount Meron Ar, BRTR Keskin Array B, EIL Elai, AKASG Malin Array Be, AKASG Malin Array Be, GERES GERESS Array B, HFS Hagfons, FINES FINESS Array B, ARCES ARCESS Array B, BVAR Borovoy Array, KURBS Kurchatov Arra, MKAR Makanchi Array, ZALV Zalesovo Beam.

IDC 09 22:54:59.8, 3.3, 18.45S, 178.05W, h628km, 27km, mb2.9/4, mbmp3.8/5, Error ellipse: s-maj=113.0km s-min=25.3km az=151.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, WRA Warramunga Arr, ASAR Alice Springs, TXAR Lajitas Array, ILAR Eielson Array.

TAP 09 22:59:33.1, 21.57N, 121.76E, h45km, ML3.1, D JMA 09 22:59:33.1, 0.2, 22.2N, 121.76E, 0.6, h84km, MV3.4/8, TAIWAN REGION

ISC 09 22:59:33.9, 1.9, 21.61N, 0.10, 121.80E, 0.05, h32km, 10km, n46, e098/62, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LYUB Lan-yu, LAY Lan-yu, TSEB Hengchuen, Pin.

2020 MAY

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TSEB Hengchuen, TWKBT Hengchuen, TWK1 Hengchuen, SMST Manzhou Townsh, HEN Hengchuen, HEN Hengchuen, SLIU Shizi, TAW Tawu, TAW Tawu, ECL Anshuo, ECL Taimali, SCZT Fangliu, TWGBT Beinan, TWG Pingang, MASBT Mashbululo, CHKT Chengkung, CHKT Chengkung, SSD Sandimen, CHKH Chenggong, FULB Fuli, ELDTW Lidau, STYH Taoyuan, YULB Yu-li, YULB Yu-li, EHY Hungye, CHNI Nanshi, WTP Tapu, TWK Hsiinying, ALS Alishan, WOKO Fanlu, WARB Fenglin Townsh, WARB Fenglin Townsh, WVDT WVDT, CHNS Tsauling, WHYT Xinyi Township, SSL Suanglung, QWD Renai, SMLT Sun Moon Lake, LXIB Xiulin Townshi, TYC Yuchr, WUBS Benai, EOSA Eosa, WHP Taichung City, LATG Datong, YHNB Yeheng, JKRS Kuro-shima, JKRS Kuro-shima, JIJ Ishigaki jima, JISG Ishigakijima, JIJ Tarama, JIJ Tarama.

TAP 09 23:12:39.3, 24.74N, 122.62E, h90km, ML2.7, D JMA 09 23:12:39.9, 0.3, 25.1N, 122.62E, 0.6, h93km, MV1.7/11, NW OFF ISHIGAKUJIMA IS

ISC 09 23:12:40.4, 0.5, 24.72N, 0.05, 122.55E, 0.03, h89km, 9km, n45, e091/86, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like EOSA Eos2, JYNG Yonagunijimaku, EOSA Eos3, YOJ Yonaguni jima, YOJ Yonaguni jima, YOJ Yonaguni jima, EOSA Eos4, TWC Suao, TIPB Shuangxi, SXH1 Grass Mountain, SK11 Grass Mountain, NDS Dongshan, NDS Neicheng, TWE Fushanzhiwuyua, FUSB Fushanzhiwuyua, ENTT Nioudou, ENTT Nioudou, NLWT Datong, LATG Datong, WULI Wulai, YMO1 Malin Array Be, YMO1 Malin Array Be, NACB Ninganchiao, NACB Ninganchiao, YHNB Yeheng, YHNB Yeheng, NSK Sanguang, NSK Sanguang, NNSB Datong, NNSB Datong, NNS Nan Shan, IRIF Iriomote-Funau, IRIF Iriomote-Funau, ETM Tongmen, ETM Tongmen, LXIB Xiulin Townshi, LXIB Xiulin Townshi, FUSF Fushou, FUSF Fushou, SHUL Shoufeng, SHUL Shoufeng, WHF Hehuan Shan, WHF Hehuan Shan, NFF Wufeng Townshi, NFF Wufeng Townshi, TWT Tachien, TWT Tachien, LIQB Emei, LIQB Emei, JKRS Kuro-shima, JKRS Kuro-shima, WARB Fenglin Townsh, WARB Fenglin Townsh, OWD Renai, OWD Renai, OWD Renai, JIJ Ishigaki jima, JIJ Ishigaki jima, WUBS Benai, WUBS Benai, WHP Taichung City, WHP Taichung City, WVDT WVDT, WVDT WVDT, EHY Hungye, EHY Hungye, SMLT Sun Moon Lake, SMLT Sun Moon Lake, SSSL Suanglung, SSSL Suanglung, YULB Yu-li, YULB Yu-li, TWFI Yuli, TWFI Yuli, WHYT Xinyi Township, WHYT Xinyi Township, CHNS Tsauling, CHNS Tsauling, JOGS Gusukube, JOGS Gusukube.

SOME 09 23:19:13.2, 40.65N, 78.58E, h25km NNC 09 23:19:17.0, 7.40, 88N, 78.72E, h0km, mb3.6, mpv3.5, Error ellipse: s-maj=5.3km s-min=4.0km az=153.0

KRNET 09 23:19:21.0, 1.41, 10N, 78.58E, mb3.2

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PRZ Przheval'sk, PRZ Przheval'sk, KAJISAJ Kajisaj, NRN Naryn, NRN Naryn, SATY Saty, SATY Saty, SATY Saty, ULHL Ulihol, ULHL Ulihol, UZB Uzynbulak, UZB Uzynbulak, UZB Uzynbulak, UZB Uzynbulak, JNKS Jany-Kuch, JNKS Jany-Kuch, SHLS Shalkode, SHLS Shalkode, SHLS Shalkode, SHLS Shalkode, MDOK Medeo, MDOK Medeo, MDOK Medeo, BOOM Boomsokoy usch, BOOM Boomsokoy usch, KOTS Kotybulak, KOTS Kotybulak, KOTS Kotybulak, KOTS Kotybulak, PDGK Podgornoye, PDGK Podgornoye, PDGK Podgornoye, KPKS Kokpek, KPKS Kokpek, KPKS Kokpek, KPKS Kokpek, KNDC Almaty, KNDC Almaty, KNDC Almaty, KST KasteK, KST KasteK, KST KasteK, KST KasteK, TKM2 Tokmak 2, TKM2 Tokmak 2, KBK Karagaybulak, KBK Karagaybulak, UCHT Uchtur, UCHT Uchtur, ARXS Arharly, ARXS Arharly, ARXS Arharly, ARXS Arharly, KUUK Kurty, KUUK Kurty, KUUK Kurty, KUUK Kurty, KNOS Konyrien, KNOS Konyrien, FRU1 Bishkek, FRU1 Bishkek, AAK AAl-Archa, AAK AAl-Archa, AAK AAl-Archa, AAK AAl-Archa, CHMS Chumysh, CHMS Chumysh, DJR Jarkent, DJR Jarkent, DJR Jarkent, DJR Jarkent, USP OSpenovka, USP OSpenovka, SGDS Sogindy, SGDS Sogindy, EKS2 Erkin-Say, EKS2 Erkin-Say, Sufi-Kurgan, Sufi-Kurgan, SFK SFK, TDK Taldyqorghon, TDK Taldyqorghon, TDK Taldyqorghon, TDK Taldyqorghon, MNAS Manas, MNAS Manas, KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array, MAK2 Makanchi, MAK2 Makanchi, MAK2 Makanchi, MAK2 Makanchi, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, KURB Kurchatov Arra, KURB Kurchatov Arra, KURK Kurchatov, KURK Kurchatov.

IDC 09 23:20:13.5, 1.9, 26.68N, 140.23E, h397km, 13km, mb3.2/11, mbmp3.9/13, Error ellipse: s-maj=44.7km s-min=19.8km az=9.0

JMA 09 23:20:16.8, 0.2, 27.2N, 141.1E, h402km, MV4.0/19, W OFF OGASAWARA

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PRZ Przheval'sk, PRZ Przheval'sk, KAJISAJ Kajisaj, NRN Naryn, NRN Naryn, SATY Saty, SATY Saty, SATY Saty, ULHL Ulihol, ULHL Ulihol, UZB Uzynbulak, UZB Uzynbulak, UZB Uzynbulak, UZB Uzynbulak, JNKS Jany-Kuch, JNKS Jany-Kuch, SHLS Shalkode, SHLS Shalkode, SHLS Shalkode, SHLS Shalkode, MDOK Medeo, MDOK Medeo, MDOK Medeo, BOOM Boomsokoy usch, BOOM Boomsokoy usch, KOTS Kotybulak, KOTS Kotybulak, KOTS Kotybulak, KOTS Kotybulak, PDGK Podgornoye, PDGK Podgornoye, PDGK Podgornoye, KPKS Kokpek, KPKS Kokpek, KPKS Kokpek, KPKS Kokpek, KNDC Almaty, KNDC Almaty, KNDC Almaty, KST KasteK, KST KasteK, KST KasteK, KST KasteK, TKM2 Tokmak 2, TKM2 Tokmak 2, KBK Karagaybulak, KBK Karagaybulak, UCHT Uchtur, UCHT Uchtur, ARXS Arharly, ARXS Arharly, ARXS Arharly, ARXS Arharly, KUUK Kurty, KUUK Kurty, KUUK Kurty, KUUK Kurty, KNOS Konyrien, KNOS Konyrien, FRU1 Bishkek, FRU1 Bishkek, AAK AAl-Archa, AAK AAl-Archa, AAK AAl-Archa, AAK AAl-Archa, CHMS Chumysh, CHMS Chumysh, DJR Jarkent, DJR Jarkent, DJR Jarkent, DJR Jarkent, USP OSpenovka, USP OSpenovka, SGDS Sogindy, SGDS Sogindy, EKS2 Erkin-Say, EKS2 Erkin-Say, Sufi-Kurgan, Sufi-Kurgan, SFK SFK, TDK Taldyqorghon, TDK Taldyqorghon, TDK Taldyqorghon, TDK Taldyqorghon, MNAS Manas, MNAS Manas, KK31 Karatay Array, KK31 Karatay Array, MAK2 Makanchi, MAK2 Makanchi, MAK2 Makanchi, MAK2 Makanchi, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, KURB Kurchatov Arra, KURB Kurchatov Arra, KURK Kurchatov, KURK Kurchatov.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MAJO Matushiro, SBUM Sibiu, and many others.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like CM31 Chiang Mai Arr, MA2 Magadan, and many others.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like YAK comp=N,9.0nm,1.1s, M17K Hots River, and many others.

9d 23h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MDOK Medeo, NRK Nori'sk, TNSN Tian-Shan, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KRIT Krib, TROT Trozza, KEST Kesra, etc.

594

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like QSPA South Pole Qui, MAW Mawson, MAW Kurbatov Arra, etc.

10d 1h

0.4nm, 0.8s, baz=272, slow=8.3, SNR=4.2
MKAR Makanchi Array 44.22 56 P P 00 52 42.2 0.0

MAN 10 00:57:25.0, 2.03N x 127.29E, h10km, MS4.2
NEIC 10 00:57:26.9, 1.1, 8.1N x 127.46E, 0.06, h137km, 4km,
mb4.6/47, Error ellipse: s-maj=8.8km s-min=6.1km
az=127.0

DJA 10 00:57:26.7, 0.2, 2.1N x 127.7E, h124km, 2km, M4.8/49,
mb4.8/49, mb5.4/23, MLV4.7/31, Mw(mb)4.8/23,
Mw(M4)4.7/2, Mw(p) 0.2

IDC 10 00:57:27.3, 1.6, 7.4N x 127.40E, h144km, 14km, mb3.9/17,
mbmp4.4/21, MS2.6/2, Error ellipse: s-maj=17.2km
s-min=7.7km az=76.0

ISC 10 00:57:26.8-0.3, 1.83N, 104.0 x 127.49E, 0.05, h150km, n134,
i=176/133, mb4.5/41, Halahera

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

2023 MAY

Main seismic event table with columns: FORT, CMAR, MORW, PZH, BBOO, KSRS, MJAR, STKA, STKA, XAN, XAN, XAN, ARMA, ARMA, HHC, HHC, SHL, SHL, TOO, TOO, SONM, SONM, SONM, SONM, MKAR, MKAR, MKAR, MKAR, THZ, THZ, KDJ, KDJ, ZALV, ZALV, ZALV, ZALV, NRIK, NRIK, AB31, AB31, AB31, AB31, VVDA, VVDA, VVDA, VVDA, C18K, C18K, H18K, H18K, G18K, G18K, M19K, M19K, MAW, MAW, SBA, SBA, D19K, D19K, KDKA, KDKA, IMAR, IMAR, PPLA, PPLA, SLKM, SLKM, RC01, RC01, SML, SML, SML, ILAR, ILAR, BMAR, BMAR, QSPA, QSPA, QSPA, QSPA, ARCES, ARCES, ARCES, ARCES, FINES, FINES, TXAR, TXAR, TXAR, TXAR, BOAB, BOAB, CO04, CO04, CO02, CO02, LP03, LP03, DJA 10 01:01:01.0, 4.0, 2.8 S x 4.11 E, h10km, M4.2/22, mb4.3/3,

996

NOU 10 01:09:37.3, 22.09S, 170.54E, h0km, mb3.7/5, Southeast of Loyalty Islands, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations for the Noumea event.

IDC 10 01:14:43.9, 0.8, 47.27N x 82.39E, h0km, mb3.5/9,
mbmp3.6/18, ML3.6/6, MS3.0/3, Error ellipse:
s-maj=13.1km s-min=5.3km az=85.0

SOME 10 01:14:44.5, 47.13N, 82.38E, h10km, MS3.1
NUN 10 01:14:46.5, 0.5, 47.18N, 82.10E, h0km, mb4.8, mpv4.5,
Error ellipse: s-maj=3.8km s-min=2.4km az=61.0

ASRS 10 01:14:56.1, 0.5, 48.1N x 8.3E, h9km, ML4.5/11, Error
ellipse: s-maj=8.6km s-min=5.2km az=131.8, confirmed

ISC 10 01:14:44.3-0.5, 47.33N, 0.02, 82.30E, 0.03, h10km, n92,
i=241/124, mb3.4/8, MS3.8/3, 19C-15D,
Kazakhstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various seismic stations and their associated data points for the Kazakhstan-Xinjiang border region.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WMQ Urumqi, KUU Kurty, KOTS Kotyrbulak, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRTR Keskin Array B, HFS Hagfors, NOA NORPAR Array B, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like mbmp4.0/5, ML4.0/4, Error ellipse: s-maj=88.5km, etc.

CATAC 10 02:48:56.1, 12°N:2'x9°0'W, h13km,3km, M3.2/20,
ML3.2/20, confirmed
SNET 10 02:48:57.7, 1.8, 12.72N:89.86W, h128km, ML3.0,
Presumed earthquake
GCG 10 02:48:58.1, 0.7, 12.58N:90.13W, h10km,21km, MD3.9,
Presumed earthquake
ISC 10 02:48:54.3, 2.1, 12.38N:0.07, 89.89W, 0.06, h4km, 1km,
n37, c0589/66, Off coast of central America

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, ISC. Lists various seismic stations and their recorded data.

IDC 10 02:50:32.3, 5.3, 13.01N:143.15E, h168km, 81km, mb3.4/6,
mbmp3.9/6, Error ellipse: s-maj=124.3km s-min=15.9km
az=87.0
NEIC 10 02:50:32.2, 1.6, 13.0N:0.1x143.0E:0.2, h158km, 10km,
mb4.1/5, Error ellipse: s-maj=21.7km s-min=16.9km
az=82.0

ISC 10 02:50:30.8, 0.8, 13.0N:0.1x142.9E:0.1, h150km, n16,
c0587/17, mb3.8/9, South of Mariana Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, ISC. Lists seismic stations for the 10 02:50:30.8 event.

THE 10 02:52:14.3, 37°N:2'x2°1E, h0km, 2km, M3.4/12,
ML3.4/12
NAO 10 02:52:14.5, 37°16'N:2°19'E, h33km, MB3.4
ATH 10 02:52:16.2, 37°31'N:2°6'E, h11km, ML3.4/20, Latitude
uncertainty: 1 km; Longitude uncertainty: 2 km; mb3.4/8,
IDC 10 02:52:18.5, 1.4, 37°28'N:2°50'E, h66km, 18km, mb3.4/8,
mbmp3.5/16, MS3.0/1, Error ellipse: s-maj=17.7km
s-min=10.3km az=10.0
ISC 10 02:52:14.8, 1.2, 37.26N:0.03, 20.50E:0.04, h17km, 8km,
n78, c1549/99, mb3.6/7, 4C-3D, Ionian Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, ISC. Lists seismic stations for the 10 02:52:14.8 event.

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, ISC. Lists numerous seismic stations and their recorded data.

SOME 10 02:52:23.8, 40°73'N:78°60'E, h10km
NNC 10 02:52:24.7, 1.7, 40.79N:78.67E, h0km, mb3.2, mpv3.1,
Error ellipse: s-maj=11.6km s-min=8.3km az=158.0
KRNET 10 02:52:25.2, 0.1, 40.81N:78.79E, h21km, mb2.7
ISC 10 02:52:27.3, 2.2, 40.87N:0.09, 78.64E:0.07, h10km, n21,
c117/133, 14C-6D, Southern Xinjiang

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, ISC. Lists seismic stations for the 10 02:52:23.8 event.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, ISC. Lists seismic stations for the 10 02:52:14.3 event.

THE 10 02:57:43.8, 37°N:2'x2°1E, h0km, 1km, M3.2/15,
ML3.2/15
ATH 10 02:57:44.3, 37°32'N:2°57'E, h17km, 1km, ML3.3/16,
Latitude uncertainty: 1 km; Longitude uncertainty: 1 km
IDC 10 02:57:45.7, 1.3, 37°38'N:2°56'E, h44km, 20km, mb3.3/6,
mbmp3.5/12, ML2.7/5, Error ellipse: s-maj=19.6km
s-min=10.9km az=18.0
ISC 10 02:57:44.0, 0.9, 37.30N:0.04, 20.55E:0.04, h22km, 8km,
n71, c1920/87, mb3.5/5, 4C-3D, Ionian Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, ISC. Lists seismic stations for the 10 02:57:43.8 event.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC, ISC. Lists seismic stations for the 10 02:57:43.8 event.

THE 10 02:59:12.2, 37.37N; 2.20E; h3km, 2km, M3.2/12, MLH3.2/12
IDC 10 02:59:18.7-4.8, 37.33N; 2.04E, h66km, 47km, mb3.2/5, mbmp3.5/8, ML2.7/2, Error ellipse: s-maj=45.5km s-min=25.5km az=133.0
ISC 10 02:59:12.4, 1.9, 37.22N; 0.06; 2.04E; 0.06, h8km, 11km, n20, c130/30, mb3.6/4, Ionian Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, ISC. Lists seismic events from Lithakia to Davos/Dischmat.

NAO 10 03:05:33.8, 34.95N; 24.51E, h10km, MB3.5
ATH 10 03:05:59.1, 37.19N; 20.41E, h6km, 3km, ML3.5/20,
Latitude uncertainty: 1 km; Longitude uncertainty: 2 km
THE 10 03:06:00.5, 37.12N; 2.20E; h3km, 2km, M3.4/18, MLH3.4/18

IDC 10 03:06:05.2-1.3, 37.37N; 2.01E, h49km, 17km, mb3.5/9, mbmp3.6/18, ML3.1/7, Error ellipse: s-maj=17.6km s-min=11.2km az=26.0
ISC 10 03:06:01.5-1.2, 37.27N; 0.03; 2.04E; 0.03, h16km, 7km, n94, c134/126, mb3.7/8, 6C-7D, Ionian Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, ISC. Lists seismic events from Lithakia to MORH.

Table with columns: KEST, MLR, MLR, PLO, VRI, OBKA, SOKA, BRTR, ARSA, ARSA, KBA, KBA, MOA, MOA, BIOA, BIOA, LESA, WTTA, WTTA, WATA, WATA, DAVOX, DAVOX, DAVOX, GERES, GERES, KHC, KHC, KHC, KHC, ESDC, HFS, HFS, EKA, EKA, FINES, FINES, NB2, NB2, NOA, NOA, TORD, TORD, SPITS, SPITS, KURBB, KURBB, MKAR, MKAR, ZALV, ZALV, IDC 10 03:07:43.7, NEIC 10 03:07:45.3, GII 10 03:08:34.7, ISC 10 03:07:44.8, Code, WDD, WDD, RAFF, RAFF, VAE, VAE, CEL, CEL, TIP, TIP, KEST, KEST, CUC, CUC, ORTH, ORTH, DMLN, DMLN, LTHK, LTHK, ARG, ARG, VLS, VLS, FISK, FISK, DRAG, DRAG, NYDR, NYDR, AGRI, AGRI, VLX, VLX, LK02, LK02, KLV, KLV, ZIRI, ZIRI, TSLK, TSLK, MALA, MALA, PVO, PVO, AOE, AOE, EFP, EFP, GUR, GUR, GUR, GUR, ANX, ANX, AMP, AMP, TIP, TIP, OHR, OHR, IDI, IDI, VAY, VAY, VAE, VAE, PDG, PDG, BOVS, BOVS, BLBK, BLBK, PLYV, PLYV, HERR, HERR, BLY, BLY, BZS, BZS, VOIR, VOIR, MORH, MORH

Table with columns: ELL, MLR, MLR, GERES, BRTR, BRTR, CLL, CLL, KZIT, KZIT, NATI, NATI, HMDT, HMDT, DSJ, DSJ, MSBI, MSBI, PRNI, PRNI, GHAJ, GHAJ, AKASG, AKASG, PABE, PABE, KBZ, KBZ, GNI, GNI, TORD, TORD, HFS, HFS, NOA, NOA, FINES, FINES, KURBB, KURBB, MKAR, MKAR, ZALV, ZALV, LPHEP, LPHEP, LBTB, LBTB, BOS, BOS, BOS, BOS, KDAK, KDAK, CPUP, CPUP

MAN 10 03:34:19.0, 19.41N; 121.17E, h33km, MS3.4
NEIC 10 03:34:28.1-1.9, 19.40N; 0.06; 121.3E; 0.1, h55km, 2km, mb4.3/13, Error ellipse: s-maj=19.4km s-min=9.2km az=92.0
IDC 10 03:34:26.2-2.5, 19.15N; 121.33E, h90km, 24km, mb3.5/11, mbmp3.9/14, MS3.0/6, Error ellipse: s-maj=23.9km s-min=13.6km az=72.0
ISC 10 03:34:19.8-1.4, 19.09N; 0.05; 121.05E; 0.05, h32km, 10km, n56, c156/56, mb4.1/17, MS2.8/3, Philippine Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, ISC. Lists seismic events from Pamplona Cagay to ASAR.

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

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like YSS comp=N,400nm,13.0s, YSS comp=E,500nm,13.0s, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like SONM Songino Array, SONM Songino Array, H11S1 WAKE ISLAND Hy, etc.

10d 03:35:10.8-0.6,44:51N:149:04E,h0km,mb4.1/21, mbtmp4.1/26,ML3.5/5,MS3.4/27,Error ellipse: s-maj=17.1km s-min=13.4km az=144.0

NIED 10:03:35:14.6-0.7,44:76N:149:17E,h30km,MV4.4,Moment Tensor solution: s3 Moment tensor: Scale 1015Nm; Mn:0.90; M10:3.08; M20:-3.98; M30:1.46; M40:-0.33; M50:1.91;

SKHL 10:03:35:15.8-0.2,44:50N:149:30E,h59km,mb5.5/4 MOS 10:03:35:16.0-1.1,44:33N:149:09E,h51km,mb.6/16, MS3.4/5, Error ellipse: s-maj=8.7km s-min=7.2km az=129.4

NEIC 10:03:35:16.8-1.4,44:50N:149:14E:0.1,h34km,5km, mb4.4/102, Error ellipse: s-maj=15.4km s-min=10.4km az=136.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like REI Reidovoe, REI Reidovoe, KUR Kuril'sk, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like MAJO Matsushiro, MAJO Matsushiro, MAJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like KLR Kul'dur, KLR Kul'dur, KLR Kul'dur, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like H11N2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like C16K Lisburne Hills, C16K Lisburne Hills, C16K Lisburne Hills, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like G16K Koyuk River, G16K Koyuk River, G16K Koyuk River, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like M16K Timber Creek, M16K Timber Creek, M16K Timber Creek, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like F18K Selawik, F18K Selawik, F18K Selawik, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Includes stations like G18K Tagagawik, G18K Tagagawik, G18K Tagagawik, etc.

N19K	Bonanza Creek	36.56	43	P	P	03 42 18.7 +0.2
F20K	Avarant Lake	36.58	33	P	P	03 42 19.0 +0.6
D20K	Etiwuk River	36.59	30	P	P	03 42 19.4 +0.9
D20K	Etiwuk River	36.59	30	P	P	03 42 18.9 +0.4
GTA2	Gaotai	36.62	280	eP	pmax	03 42 19.8 +0.5
M19K	Big River Lodg	36.63	41	P	P	03 42 19.3 +0.4
E20K	Nigu River	36.64	31	P	P	03 42 19.3 +0.3
O19K	Port Alsworth	36.65	44	P	P	03 42 19.2 +0.2
H20K	Anotleneega Mo	36.69	35	P	P	03 42 20.1 +0.7
B20K	Meade River	36.72	28	P	P	03 42 20.1 +0.5
B20K	Meade River	36.72	28	P	P	03 42 20.2 +0.7
K20K	Telida	36.84	39	P	P	03 42 21.3 +0.6
J20K	Novinta River	36.87	38	Iamb	Iamb	03 42 39.8
J20K	Novinta River	36.87	38	P	P	03 42 21.6 +0.7
Q19K	Cape Douglas,	37.03	46	P	P	03 42 23.0 +0.6
M20K	Styx River	37.23	41	P	P	03 42 25.1 +1.0
A21K	Barrow	37.25	26	P	P	03 42 24.9 +0.8
OHAK	Old Harbor	37.34	49	P	P	03 42 26.3 +1.3
G21K	Allakaket	37.37	34	Iamb	Iamb	03 42 43.2
G21K	Allakaket	37.37	34	P	P	03 42 26.3 +1.1
F21K	Alatna River	37.47	33	Iamb	Iamb	03 42 44.5
F21K	Alatna River	37.47	33	P	P	03 42 26.3 +0.3
E21K	Killik River	37.48	31	P	P	03 42 26.1 0.0
B21K	Ikpiqpuq River	37.48	29	P	P	03 42 26.8 +0.8
O20K	Slope Mountain	37.50	44	P	P	03 42 25.7 -0.7
H21K	Melozitna River	37.56	35	Iamb	Iamb	03 42 44.6
H21K	Melozitna River	37.56	35	P	P	03 42 26.7 -0.2
CHUM	Lake Minchumin	37.65	38	P	P	03 42 27.4 -0.2
KDAK	Kodiak Island	37.67	48	P	P	03 42 27.4 -0.4
PPLA	Purkeypile	37.68	40	P	P	03 42 27.7 -0.3
A22K	Sinclair Lake	37.68	26	P	P	03 42 27.9 +0.2
I21K	Tanana	37.87	36	P	P	03 42 30.3 +0.9
F22K	John River	38.01	32	P	P	03 42 32.1 +1.5
B22K	Teshhepuk Lake	38.03	28	Iamb	Iamb	03 42 34.8
B22K	Teshhepuk Lake	38.03	28	P	P	03 42 30.8 +0.1
H22K	Ishlailitna Cre	38.17	35	Iamb	Iamb	03 42 49.2
H22K	Ishlailitna Cre	38.17	35	P	P	03 42 31.7 -0.3
G22K	Bettles	38.21	33	P	P	03 42 32.0 -0.2
E22K	Anaktuvuk Pass	38.23	31	P	P	03 42 32.4 -0.1
BPAW	Bear Paw Mtn.	38.25	38	P	P	03 42 32.3 -0.3
L22K	Petersville	38.33	40	P	P	03 42 33.8 +0.4
MLY	Manley	38.39	36	P	P	03 42 33.9 +0.1
BRSE	Bradley Lake S	38.47	45	P	P	03 42 33.7 -0.8
TRF	Thorofare Moun	38.55	39	P	P	03 42 34.9 -0.5
M22K	Willow	38.66	42	P	P	03 42 37.2 +1.2
TGY	Tagaytay City	38.66	227	LR	LR	03 56 00.2
D23K	Nanushuk River	38.75	30	P	P	03 42 37.4 +0.7
G23K	Bananza Creek	38.77	34	P	P	03 42 37.4 +0.4
RC01	Rabbit Creek A	38.87	43	P	P	03 42 38.3 +0.5
C23K	Ikliik River	38.89	29	Iamb	Iamb	03 42 55.3
C23K	Ikliik River	38.89	29	P	P	03 42 38.3 +0.4
H23K	Yukon River	38.92	35	Iamb	Iamb	03 42 57.6
H23K	Yukon River	38.92	35	P	P	03 42 38.2 0.0
I23K	Minto, Yukon-K	38.97	36	P	P	03 42 38.7 +0.1
E23K	Chandalar	39.04	32	Iamb	Iamb	03 42 59.1
E23K	Chandalar	39.04	32	P	P	03 42 40.2 +0.9
SEW	Seward	39.08	44	P	P	03 42 40.1 +0.5
NEA2	Nenana	39.09	37	P	P	03 42 40.0 +0.4
TOLK	Toolik Lake Re	39.11	31	P	P	03 42 40.6 +0.7
PMR	Palmer	39.14	42	P	P	03 42 40.5 +0.5
MCK	McKinley	39.15	38	P	P	03 42 41.0 +0.8
NR1K	Noril'sk	39.33	330	LR	LR	03 59 42.4
WAT1	Susitna Watana	39.35	40	P	P	03 42 42.9 +1.0
D24K	Happy Valley	39.43	30	Iamb	Iamb	03 42 45.9
D24K	Happy Valley	39.43	30	P	P	03 42 43.1 +0.7
E24K	Your Creek	39.46	32	Iamb	Iamb	03 43 01.1
E24K	Your Creek	39.46	32	P	P	03 42 43.2 +0.4
KNK	Knik Glacier	39.47	42	P	P	03 42 43.5 +0.6
SML	Sawmill	39.50	41	P	P	03 42 43.3 +0.1
SML	Sawmill	39.50	41	P	P	03 42 43.6 +0.4
C24K	Franklin Bluff	39.54	29	Iamb	Iamb	03 43 01.4
C24K	Franklin Bluff	39.54	29	P	P	03 42 43.5 +0.2
H24K	Noodor Dome	39.60	35	P	P	03 42 44.5 +0.5
COLA	College	39.61	371	eP	pmax	03 42 37.6 -6.3
COLA	College	39.61	37	P	P	03 42 44.0 0.0
F24K	Squaw Lake	39.66	32	P	P	03 42 45.1 +0.7
WAT6	Susitna Watana	39.73	40	P	P	03 42 45.6 +0.6
G24K	Hadweenciv Riv	39.79	34	Iamb	Iamb	03 43 04.3
G24K	Hadweenciv Riv	39.79	34	P	P	03 42 46.1 +0.7
POKR	Poker Flat Res	39.79	36	P	P	03 42 45.6 +0.1
M23K	Glacier View	39.79	41	P	P	03 42 45.9 +0.4
DHY	Denali Highway	39.87	39	P	P	03 42 46.7 +0.3
SCM	Sheep Creek Mo	39.98	41	P	P	03 42 47.7 +0.5
HDA	Harding Lake	40.01	37	Iamb	Iamb	03 43 06.3
HDA	Harding Lake	40.01	37	P	P	03 42 48.0 +0.7
ILAR	Eielson Array	40.03	37	P	P	03 42 47.2 -0.2
GLI	Glacier Island	40.17	43	P	P	03 42 49.5 +0.8
D25K	Kavik River	40.32	30	Iamb	Iamb	03 43 07.6
D25K	Kavik River	40.32	30	P	P	03 42 50.3 +0.5
G25K	Bearman Lake	40.33	34	P	P	03 42 50.7 +0.8
M24K	Tolson, Glenn	40.50	41	P	P	03 42 51.6 +0.2
F25K	Christian River	40.52	32	P	P	03 42 52.9 +1.4
F25K	Christian River	40.52	32	P	P	03 42 52.1 +0.6
K24K	Donnelly Dome	40.55	38	Iamb	Iamb	03 43 09.6
K24K	Donnelly Dome	40.55	38	P	P	03 42 52.4 +0.5
E25K	Arctic Village	40.56	32	P	P	03 42 52.0 +0.1
PRP	Porcupine Dome	40.58	36	P	P	03 42 52.6 +0.4
KLU	Klutina	40.68	42	P	P	03 42 51.5 -1.4
J25K	Salcha River,	40.68	37	P	P	03 42 52.6 -0.4
Q23K	Middleton Isla	40.72	45	P	P	03 42 51.8 -1.4
PAX	Paxson	40.75	40	P	P	03 42 52.5 -1.0
C26K	Camden Bay	40.86	29	P	P	03 42 55.7 +1.4
EYAK	Cordova Ski Ar	40.87	43	P	P	03 42 54.4 0.0
HARP	HAARP	40.94	40	P	P	03 42 56.3 +1.2
RIDG	Independent Ri	40.97	38	P	P	03 42 55.5 +0.3
F26K	Sheenjek River	41.09	32	P	P	03 42 56.5 +0.2
G26K	Porcupine River	41.25	33	P	P	03 42 58.2 +0.8
C27K	Jago River	41.27	29	P	P	03 42 58.8 +1.2
SCRK	Sand Creek	41.33	38	P	P	03 42 59.3 +1.0
SCRK	Sand Creek	41.33	38	P	P	03 42 58.9 +0.6
BMRM	Bremner River	41.37	42	P	P	03 42 58.8 +0.2
I26K	Coal Creek Min	41.58	36	P	P	03 43 00.1 -0.1
GOMU	GeErMu	41.59	278	pP	pmax	03 42 59.3 -1.8
GOMU	GeErMu	41.59	278	pP	pmax	03 43 00.3 -9.4
KAIM	Kayak Island	41.62	44	P	P	03 43 00.7 +0.1
L26K	Log Cabin Wild	41.71	39	P	P	03 43 01.5 +0.2
ZALV	Zalesov Beam	41.73	307	PcP	PcP	03 44 56.5 -0.8
M26K	Nabesna, AK	41.94	40	P	P	03 43 03.4 +0.1
PZH	PanZhihua	41.95	261	P	P	03 43 03.7 -0.1
E27K	Coleen River	42.05	31	P	P	03 43 03.9 -0.1
MCARA	McCarthy VSAT	42.07	42	P	P	03 43 04.6 +0.3
G27K	Devon Strip	42.09	34	P	P	03 43 05.3 +0.9
CRQM	Cirque	42.11	43	Iamb	Iamb	03 43 19.9
CRQE	Cirque	42.13	43	P	P	03 43 04.9 -0.1
K27K	Chicken	42.16	38	Iamb	Iamb	03 43 13.3
H27K	Steamboat Moun	42.19	34	P	P	03 43 04.7 -0.5
I27K	Kandik River	42.20	35	P	P	03 43 06.2 +0.9
D27M	Malcolm River	42.24	30	P	P	03 43 06.0 +0.4
L27K	Colver Creek,	42.39	39	P	P	03 43 07.7 +0.8
BCAR	Beaver Creek A	42.41	39	P	P	03 43 09.1 +2.0
M27K	Edge Creek, AK	42.47	40	P	P	03 43 08.0 +0.3
F28M	Old Crow	42.73	32	P	P	03 43 09.8 +0.2
E28M	Babbage River	42.79	31	P	P	03 43 09.2 -0.8
GRNC	Granite Creek	42.79	43	P	P	03 43 11.7 +1.4
GRNC	Granite Creek	42.79	43	Iamb	Iamb	03 43 24.8
MESA	MESA	42.79	43	P	P	03 43 10.5 +0.1
I28M	Mirner Creek	42.91	35	P	P	03 43 11.7 +0.5
BVCY	Beaver Creek	42.92	40	P	P	03 43 12.1 +0.9
D28M	Stokes Point	43.03	30	P	P	03 43 11.7 -0.2
WMQ	Urumqi	43.19	292	eP	pmax	03 43 16.2 +2.5
WMQ	Urumqi	43.19	292	eP	pmax	03 43 16.2 +2.5
YUK3	Moose Creek	43.22	41	P	P	03 43 13.4 -0.4
DAWY	Dawson	43.33	37	P	P	03 43 14.7 +0.2
E29M	Bloir River	43.41	31	P	P	03 43 15.3 +0.3
H29M	Whitestone	43.46	34	P	P	03 43 15.8 +0.3
G29M	Pine Creek	43.51	33	Iamb	Iamb	03 43 34.2
G29M	Pine Creek	43.51	33	P	P	03 43 16.0 +0.1
O28M	Mount Upton	43.53	42	P	P	03 43 16.2 -0.3
YUK8	Steele Glacier	43.64	41	P	P	03 43 17.1 -0.2
P1NM	Pinnacle	43.64	43	P	P	03 43 17.1 0.0
BRWY	Burwash Landin	43.97	41	P	P	03 43 19.7 +0.1
M29M	Somme Creek	44.02	40	P	P	03 43 19.6 -0.6
L29M	L29M	44.04	39	Iamb	Iamb	03 43 34.2
L29M	L29M	44.04	39	P	P	03 43 20.4 +0.2
EPYK	Eagle Plains	44.10	34	P	P	03 43 20.6 -0.1
YUK4	Talbot Arm	44.15	41	P	P	03 43 21.8 +0.5
G29M	Barlow Dome	44.18	38	P	P	03 43 21.6 +0.2
G30M	tAoh Zraii Nji	44.21	33	Iamb	Iamb	03 43 40.6
G30M	tAoh Zraii Nji	44.21	33	P	P	03 43 21.4 -0.1
F30M	Barrier River	44.28	32	P	P	03 43 24.7 +2.6
F30M	Barrier River	44.28	32	P	P	03 43 21.3 -0.7
YUK6	Outpost Mounta	44.37	42	P	P	03 43 22.8 -0.4

10d 3h

Table of seismic stations and their parameters. Columns include station code, name, coordinates, and various technical specifications like frequency and SNR.

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Table of seismic events. Columns include time, magnitude, location, and station codes. Includes event descriptions like 'Presumed earthquake'.

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Table of seismic stations and their parameters. Columns include station code, name, coordinates, and various technical specifications like frequency and SNR.

DJA 10 03:37:47.4±0.8,9'S;11°2'E;h22km±7km,M3.9/25, mb4.2/4,MLV3.7/25,South of Jawa

Table of seismic stations and their parameters. Columns include station code, name, coordinates, and various technical specifications like frequency and SNR.

ROM 10 03:46:19.8±0.1,42.989N;0003.13302E±0.005, h15km±1km,ML0.9/8,1C-2D, Error ellipse: s-maj=0.4km s-min=0.1km az=102.0, Central Italy

Table of seismic stations and their parameters. Columns include station code, name, coordinates, and various technical specifications like frequency and SNR.

KRNET 10 03:48:13.2±0.1,40.86N;78.71E,h16km,mb2.5 SOME 10 03:48:13.8,40.93N;78.78E,h5km NINC 10 03:48:14.8±2.1,40.94N;78.74E,h0km,mb3.4,mpv3.0, Error ellipse: s-maj=15.8km s-min=13.7km az=96.0

Table of seismic stations and their parameters. Columns include station code, name, coordinates, and various technical specifications like frequency and SNR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TARG Taragay, Kyrgy, PRZ Przheval'sk, KDJ Kajisay, NRN Naryn, SATY Saty, UZB Uzynbulak, etc.

NOU 10 03:56:49.6, 42.94'S:173.08'E, h4km, MLV3.7/13, South Island, New Zealand
WEL 10 03:56:51.0, 6.43' S, 2.17' E, h10km, M3.4/27, M3.6/6, MLV3.4/27, Error ellipse: s-maj=3.2km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WIGC Waiuu Gorge, CULC Culverden Airl, WTMC Te Mara Farm W, HSES Hammer Springs, etc.

Table with columns: SYZ Scrubby Hill, TLZ Scrubby Hill, SYZ Tolley Road, MPZ The Paps, APKZ Moumakai

IDC 10 04:07:04.3, 5.22' S, 177.37' W, h178km, 32km, mb3.6/5, mbmp4.3/7, Error ellipse: s-maj=31.9km s-min=21.6km az=129.0
NEIC 10 04:07:08.7, 1.8, 22.7'S:0.1x177.3W:0.1, h214km, 6km, mb4.1/15, Error ellipse: s-maj=20.1km s-min=17.3km az=193.0

NOU 10 04:07:10.7, 22'68'S:177.05'W, h262km, mb4.1/14, South of Fiji Islands
ISC 10 04:07:14.5, 0.8, 22.71'S:0.08, 177.3W:0.1, h280km, n51, r+55/43, mb4.1/12, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LKBA Tubou, Lakemba, RAO Raoul Island, NIUE Niue, FUTU Fatutua, AFI Afiamalu, URZ Urewera, etc.

AS31 Alice Springs 44.66 259 P P 04 14 59.9 -0.3
ASAR Alice Springs 44.66 259 P P 04 14 59.7 -0.5

ASR Alice Springs 44.66 259 P P 04 14 60.0 -0.2
WRAR Warramunga Arr 44.60 264 P P 04 15 00.4 -0.9

WRA Warramunga Arr 44.95 264 P P 04 15 01.1 -1.1
WRT Warramunga Arr 44.95 264 P P 04 15 02.4 -1.3

MTN Mantou Dam 49.83 272 P P 04 15 39.9 -0.9
KNRA Kununurra 51.16 268 P P 04 15 49.7 -0.1

FITZ Fitzroy Cross 53.38 264 P P 04 16 05.6 -0.4
MORW Morawa 59.59 249 P P 04 17 01.7

QSPA South Pole Qui 67.37 180 P P 04 17 42.0 +2.3
KSPA South Pole Qui 67.37 180 P P 04 17 41.5 +1.8

KSR5 Korea Array 78.95 319 P P 04 18 48.1 +0.9
IMAR Indian Moutail 90.22 9 P P 04 19 43.0 +0.2

HFS Hagfors 141.81 351 P KpHKP PKPPrf 04 26 07.5
AKASG Malin Array Be 145.23 330 P KpPbc PKPpdf 04 26 18.4 -0.2

AKSB Malin Array Si 145.23 330 P KpPdf PKPpdf 04 26 18.3 -0.3
BRTR Keskin Array B 148.75 310 P KpPbc PKPpdf 04 26 29.4 +0.2

BUR08 Buocovina Arr. S 149.26 330 P KpPbc PKPpbc 04 26 30.3 +0.2
BURAR Buocovina Array 149.28 329 P KpPbc PKIKP 04 26 30.9 -0.3

IMML Malin Meron Arr 149.40 297 P KpPbc PKIKP 04 26 32.0 +0.1
CLL Colim 150.35 347 P KpPbc PKIKP 04 26 33.2 +0.1

MLR Muntele Rosu 150.40 326 P KpPbc PKPpbc 04 26 33.1 +0.1
GERES GERES Array B 152.49 344 P KpPbc PKIKP 04 26 38.2 +0.5

TAP 10 04:44:01.5, 24'36"N:122'56'E, h18km, ML2.9, C
JMA 10 04:44:02.3, 0.1, 25' N, 122.66, 0.4, h25km, 1km, MV1.9/11, NW OFF ISHIGAKIJIMA IS

ISC 10 04:42:02.0, 1.0, 24'61"N:0.03, 122.58'E:0.02, h23km, 11km, n36, r+59/68, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JYNG Yonagunijimaku, EOS2 EOS2, EOS3 EOS3, etc.

Table with columns: NACB Ninganchiao, NACB YM01, TATO Taipei, IRIF Irimote-Funau, PCYT Pengchayiu, etc.

MAN 10 04:45:21.0, 10'19"N:126'37"E, h4km, MS3.9
IDC 10 04:45:35.7, 2.0, 9.80"N:125.83"E, h157km, 21km, mb3.2/10, mbmp3.7/11, MS3.1/2, Error ellipse: s-maj=32.0km s-min=17.1km az=69.0

ISC 10 04:45:19.3, 1.5, 10.15"N:0.04, 126.35'E:0.05, h13km, 9km, n36, r+53/45, mb3.7/10, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SCPH Surigao, SCPH Surigao, TSSP Tandag City, TSSP Tandag City, etc.

DAV Davao City (W) 31.16 194 P P 04 46 18.9 -0.9
DMPH Davao City-MII 3.16 195 P P 04 46 10.9 +2.1

CMAR Chiang Mai Arr 27.78 290 P 04 51 05.0 -3.3
MJAR Matsushiro Arr 28.38 20 P 04 51 19.7 +6.3

WRA Warramunga Arr 30.92 165 P 04 51 35.6 -0.5
ASAR Alice Springs 34.41 168 P 04 52 06.5 -0.1

H1S3 WAKE ISLAND Hy 39.88 73 T T 05 35 56.1
H1S1 WAKE ISLAND Hy 39.89 73 T T 05 35 53.5

H1S2 WAKE ISLAND Hy 39.89 73 T T 05 36 00.6
H1N1 WAKE ISLAND Hy 40.22 72 T T 05 36 25.4

H1N2 WAKE ISLAND Hy 40.22 72 T T 05 36 17.5
H1N3 WAKE ISLAND Hy 40.23 72 T T 05 36 19.7

SONS Songino Array 41.16 340 P 04 53 05.9 +2.4
MKAR Malin Meron Arr 52.17 323 P 04 54 30.9 +1.2

KURBB Kurchatov Arr 56.22 325 P 04 54 59.5 +0.4
ILAR Eielson Array 79.51 26 P 04 57 27.1 +1.5

BRTR Keskin Array B 85.67 309 P 04 57 56.8 -1.6
YKA Yellowknife Arr 93.83 24 P 04 58 37.0 +0.8

IDC 10 04:45:59.1, 0.5, 49.42'N:127.78'W, h0km, mb4.2/25, mbmp4.2/35, ML4.2/10, MS4.0/58, Error ellipse: s-maj=12.5km s-min=6.2km az=58.0

PGC 10 04:45:59.8, 0.3, 49.33'N:127.80'W, h10km, ML5n4.1/38, Mb4.8, 120km south of Port Adelaide, Bc Vancouver Island, Canada Region

NEIC 10 04:46:01.6, 2.6, 49.54'N:0.05, 127.64'W:0.08, h10km, 1km, mb4.7/46, Mw4.8(OTT), Error ellipse: s-maj=10.3km s-min=6.4km az=226.0

GCMT 10 04:46:03.6, 0.2, 49.32'N:0.01, 127.68'W:0.02, h24km, 1km, MW5.0/114, Moment Tensor Solution. s25, c28; s114, c165; Duration: 0 Moment tensor: Scale 10^16Nm, Mn=0.64, 14; Mm=1.88, 09; Mz=2.53, 10; Mw=0.25, 14; Mw=2.47, 09; Mw=0.14, 13; Best double couple: Ms3.32300x10^16 NP1.201.000000, 885.000000, 1.175.000000, NP2.291.000000, 889.000000, 1.648.000000, Principal axes: T 3.6490, P1g3.0000, b2.9960.0000; N -0.6430, P1g85.0000; Azm1300.0000; P -1.9818, P1g4.0000; Azm156.0000; nst13 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BGR 10 04:46:06.2, 49.62'N:128.53'W, h33km, mb4.6, Ms4.3
NEIC 10 04:46:59.8, 49.33'N:127.80'W, h7km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mw=0.28; Mw=1.08; Mw=0.72; Mw=0.28; Mw=1.59; Mw=0.56; Fault plane solution: Ms1.90000x10^16 NP1.201.000000, 874.000000, 1.165.000000, NP2.291.000000, 876.000000, 1.165.000000, Principal axes: T 1.9153, P1g1.000000, Azm0.000000; N -0.0665, P1g69.0000; Azm237.0000; P -1.9818, P1g4.0000; Azm330.0000; nst13 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

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

100 4h

Table listing various locations and their associated codes and values. Includes entries like BPBE, NTKA, FHBB, etc., with columns for location, code, and numerical values.

2020 MAY

Table listing various locations and their associated codes and values. Includes entries like EDM, Q32M, S31K, etc., with columns for location, code, and numerical values.

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Table listing various locations and their associated codes and values. Includes entries like J29N, L26K, TPO, etc., with columns for location, code, and numerical values.

10d 4h

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Table with columns: Station, Name, Time, Az, El, Azimuth, Elevation, Station, Name, Time, Az, El, Azimuth, Elevation. Includes stations like VHRN, D17K, RDOG, etc.

Table with columns: Station, Name, Time, Az, El, Azimuth, Elevation. Includes stations like H11S2, H11S3, KLR, etc.

Table with columns: Station, Name, Time, Az, El, Azimuth, Elevation. Includes stations like KURK, LANS, KURBB, etc.

NEIC 10 04:46:21.2, 1.3, 18.6S:0.1x177.6W:0.1, h580km, 8km, mb4.3/26, Error ellipse: s-maj=17.8km s-min=16.3km az=92.0
NOU 10 04:46:21.0, 18.63S:177.53W, h580km, mb4.4/33, Fiji Islands Region
IDC 10 04:46:22.7, 1.1, 18.52S:177.84W, h595km, 14km, mb3.7/11, mbmtpp4.6/13, Error ellipse: s-maj=14.6km s-min=13.0km az=158.0
ISC 10 04:46:21.7, 0.4, 18.57S:0.07x177.59W:0.06, h600km, n137, r150/142, mb4.3/26, 3D, Fiji Islands region

10d 5h

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PLAC	AML	AML	AGST	comp=E,275µm,0.8s	AML	AML
PLAC	comp=N,204µm,0.4s	AML	AGST	comp=N,226µm,0.3s	AML	AML
SELL	1.23 313 \uparrow P	Pn	VSK1	2.21 82	P	Pg
SELL	1.24 317 \uparrow P	S	VSK1	2.21 81	S	Pb
SERS	Sersale	Pn	FSK	Fiskardo	P	Pg
SERS	comp=N,375µm,0.5s	AML	VPL	Vulcano Piano	2.21 277 \uparrow P	Pn
SERS	comp=E,124µm,1.0s	AML	VPL	comp=E,394µm,0.4s	AML	AML
SERS	comp=N,112µm,0.3s	AML	VPL	comp=N,486µm,0.3s	AML	AML
SERS	comp=E,125µm,1.0s	AML	VLS	Valsamata	2.22 88	P
SERS	comp=N,122µm,0.4s	AML	HAGA	Augusta	2.25 248 \uparrow P	Pg
SERS	comp=E,131µm,0.3s	AML	HAGA	comp=E,218µm,0.3s	AML	AML
SERS	comp=N,122µm,1.0s	AML	HAGA	comp=N,206µm,1.3s	AML	AML
SERS	comp=E,125µm,1.0s	AML	DRAC	Dragano-Lefkada	2.26 75	P
SERS	comp=N,92µm,0.4s	AML	MUCR	Ucria	2.29 268	P
GRI	Girfalco	1.27 303 \uparrow P	MUCR	comp=E,207µm,0.4s	AML	AML
GRI	ALBI	1.28 314 \uparrow P	MUCR	comp=N,193µm,0.4s	AML	AML
ALB1	TIP	1.31 323 \uparrow P	MUCR	comp=N,193µm,1.6s	AML	AML
TIP	TIP	comp=E,60µm,1.1s	MUCR	comp=N,193µm,0.4s	AML	AML
TIP	comp=N,56µm,1.5s	AML	MUCR	comp=N,193µm,0.5s	AML	AML
TIP	comp=N,56µm,0.5s	AML	EVGI	Lefkada island	2.31 77	P
TIP	comp=E,60µm,0.9s	AML	ORTH	Orthionies,Zaky	2.32 96	P
TIP	comp=N,41µm,0.4s	AML	LK02	Lefkada island	2.35 73	P
FERC	Galatso	1.34 284	TSLK	Tsoukalades, L	2.36 72	P
FERC	Samo	1.36 268 \uparrow P	RTZL	Ratzakli, Kefa	2.36 91	P
SOI	comp=E,54µm,0.3s	AML	RTZL	comp=E,113µm,0.4s	AML	AML
SOI	comp=N,65µm,0.6s	AML	NYDR	Nydri-Lefkada	2.36 75	P
SOI	comp=E,54µm,0.3s	AML	SSY	Sotino	2.36 246	AML
SOI	comp=N,65µm,1.4s	AML	SSY	comp=N,862µm,0.8s	AML	AML
SOI	comp=E,54µm,1.7s	AML	SSY	comp=N,862µm,1.2s	AML	AML
SOI	comp=E,43µm,0.3s	AML	SSY	comp=N,862µm,0.9s	AML	AML
CEL	Celeste	1.49 275 \uparrow P	TAR1	Taranto	2.41 351	P
CEL	comp=E,180µm,1.4s	AML	TAR1	comp=N,148µm,0.5s	AML	AML
CEL	comp=N,176µm,1.6s	AML	TAR1	comp=N,148µm,0.5s	AML	AML
CEL	comp=N,176µm,0.4s	AML	TAR1	comp=E,150µm,0.5s	AML	AML
CEL	comp=E,180µm,0.6s	AML	IGT	Igoumenitsa	2.43 54	P
CEL	comp=N,136µm,0.3s	AML	HLNI	HLNI	2.44 252 \uparrow P	Pn
GIZZ	Gizzeria	1.49 305	HLNI	HLNI	comp=N,140µm,1.3s	AML
GIZZ	Gambarie	1.54 272 \uparrow P	HLNI	HLNI	comp=N,140µm,0.7s	AML
GMB	Pietrapaola	1.54 331 \uparrow P	HLNI	HLNI	comp=E,176µm,0.3s	AML
PIPA	comp=N,208µm,0.3s	AML	LTHK	Lithakia	2.46 99	P
PIPA	comp=N,108µm,1.1s	AML	MSFR	San Fratello	2.52 269	P
PIPA	comp=N,108µm,0.9s	AML	MSFR	comp=E,64µm,1.4s	AML	AML
PIPA	comp=N,103µm,0.3s	AML	MSFR	comp=N,68µm,0.4s	AML	AML
JOPP	Joppolo	1.56 288	MSFR	comp=N,64µm,0.6s	AML	AML
JOPP	comp=N,142µm,1.2s	AML	MATE	Matera	2.64 342	P
JOPP	comp=N,142µm,0.8s	AML	MATE	comp=N,68µm,1.6s	AML	AML
JOPP	comp=E,151µm,0.3s	AML	MATE	comp=N,68µm,0.3s	AML	AML
CELI	Celico	1.60 322 \uparrow P	MATE	comp=N,174µm,0.3s	AML	AML
CELI	comp=N,61µm,1.6s	AML	MGR	Morigerati	2.64 320 \uparrow P	Pn
CELI	comp=N,61µm,0.4s	AML	MGR	comp=N,69µm,0.4s	AML	AML
SPS2	Spezzano della	1.61 316	MGR	comp=N,63µm,0.7s	AML	AML
SPS2	Scilla	1.63 275	MIGL	Miglionico	2.67 338	P
SICLA	comp=N,226µm,0.9s	AML	MIGL	comp=N,212µm,1.5s	AML	AML
SICLA	comp=N,231µm,1.4s	AML	MIGL	comp=N,212µm,0.5s	AML	AML
SICLA	comp=N,226µm,1.1s	AML	MIGL	comp=N,212µm,0.3s	AML	AML
SICLA	comp=N,190µm,0.3s	AML	BULG	Bulgheria - Ca	2.69 317	P
MTTG	Motta San Giov	1.65 266 \uparrow P	BULG	comp=N,170µm,0.9s	AML	AML
MTTG	comp=N,172µm,0.5s	AML	BULG	comp=N,166µm,0.3s	AML	AML
MTTG	comp=N,254µm,0.7s	AML	BULG	comp=N,166µm,0.3s	AML	AML
MTTG	comp=N,254µm,1.3s	AML	BULG	comp=N,166µm,1.7s	AML	AML
MTTG	comp=N,172µm,1.5s	AML	NOCI	Noci	2.70 348	P
MTTG	comp=N,109µm,0.4s	AML	NOCI	comp=N,164µm,1.0s	AML	AML
CAR1	CAROLEI	1.66 313 \uparrow P	NOCI	comp=N,164µm,1.0s	AML	AML
CAR1	comp=N,452µm,0.5s	AML	NOCI	comp=N,152µm,0.3s	AML	AML
CAR1	comp=N,412µm,0.5s	AML	PTPR	Pietrapertosa	2.73 331 \uparrow P	Pn
CAR1	comp=N,376µm,0.4s	AML	PTPR	comp=N,57µm,0.4s	AML	AML
CAR1	comp=N,399µm,0.4s	AML	PTPR	comp=N,45µm,0.6s	AML	AML
CAR1	comp=N,452µm,1.5s	AML	JAN	Janina	2.83 57	P
MPNC	Porti Mandanici	1.91 271	AMUR	Altamura	2.91 342	P
MPNC	comp=N,342µm,0.3s	AML	AMUR	comp=N,82µm,1.5s	AML	AML
MPNC	comp=N,342µm,0.3s	AML	AMUR	comp=N,82µm,0.5s	AML	AML
CET2	Cetraro	1.99 315	PVO	Paravola	2.98 80	P
CET2	comp=N,271µm,0.7s	AML	PVO	comp=N,82µm,0.2s	AML	AML
CET2	comp=N,271µm,0.9s	AML	TETR	Tetrakomo, Epi	2.99 65	P
CET2	comp=N,203µm,1.7s	AML	MRVN	Minervino Murg	3.16 338	P
CET2	comp=N,203µm,0.5s	AML	MRVN	comp=N,81µm,1.5s	AML	AML
CET2	comp=N,203µm,0.5s	AML	MRVN	comp=N,81µm,0.5s	AML	AML
AIO	Antillo	2.02 266	EVR	Evyritania	3.25 75	P
AIO	comp=N,142µm,1.3s	AML	EFP	Efpalio	3.26 84	P
AIO	comp=N,149µm,0.3s	AML	ANX	Ano Chora	3.29 81	P
AIO	comp=N,142µm,0.7s	AML	PENT	Pentalofos	3.32 51	P
AIO	comp=N,90µm,1.2s	AML	KPRO	Kipourio	3.33 56	P
DMLN	Damoulianata-K	2.05 86	SERG	Sergoula	3.38 84	S
DMLN	comp=N,90µm,1.2s	AML	SERG	comp=N,148µm,0.2s	AML	AML
ECTS	Castiglione	2.12 264	PYL	PYLOS	3.39 110	P
AGST	Augusta-Monte	2.21 247 \uparrow P	NEST	Nestorio	3.41 47	P
			ITM	Ithomi	3.43 105	P
			KLIV	Kalavryta, Ach	3.45 90	P
			MAKR	Makrakomoi, Fth	3.52 74	P
			THL	Thlakotlos Trika	3.60 65	P
			AGG	Agios Georgios	3.67 75	P
			KZN	Kozani	3.78 54	P
			TYRN	Tymavos	3.81 64	P
			LIT	Litokhoron	4.15 60	P
			HORT	Horiatias	4.80 58	P
			DION	Dionisios Attik	4.85 89	P
			AOS	Alonnisos	4.89 76	P
			PLG	Polygyros	4.93 61	P
			KYM	Kyriakia, Euboea I	4.99 82	P
			OUR	Ouranopolis	5.29 64	P
			OBKA	Obir	8.70 345	ePn

ARSA	Arzberg	9.26 350	ePn	Pn	05 04 48.0 +1.0
<p>SDD 10 05:03:05.9.2.1, 17.74N:66.90W, h12km, 32km, MD3.6, ML3.2, MW3.5, Presumed earthquake Hypocentre not reviewed by the ISC</p> <p>OSPL 10 05:03:06.1.0.3, 17.85N:66.90W, h20km, 19km, ML3.8, Presumed earthquake</p> <p>RSPR 10 05:03:06.5.17.87N:66.89W, h12km, MD3.5/18</p> <p>NEIC 10 05:03:06.5.1.1, 17.87N:0.03:66.88W, 0.01, h10km, 1km, ML3.3/31, MD3.5/18(RSPR), Error ellipse: s-maj=4.3km s-min=2.7km az=195.0</p> <p>ISC 10 05:03:05.9.1.1, 17.86N:0.05:66.89W, 0.02, h18km, 4km, n41, o551/63, 8C-9D, Puerto Rico region</p>					
Code	Station Name	Δ° AZ°	Phase ID	ISC	Time Res
GBPR	Guanica, Bosqu	0.12 3	Op	Pg	05 03 09.6 -0.2
GBPR	Guanica, Bosqu	0.12 3 \uparrow P	eS	Pg	05 03 12.1 -0.3
GBPR	Guanica, Bosqu	0.12 3 \uparrow P	eS	Pg	05 03 09.6 -0.2
GBPR	Guanica, Bosqu	0.12 3 \uparrow P	eS	Pg	05 03 12.1 -0.3
MLPR	Maguayes Islan	0.19 306		Pg	05 03 10.5 -0.2
MLPR	Maguayes Islan	0.19 306		Pg	05 03 13.7 -0.3
MLPR	7µm,0.5s		IAML		05 03 14.4
MLPR	3µm,0.5s		IAML		05 03 14.8
MLPR	Maguayes Islan	0.19 306 \uparrow P		Pg	05 03 10.6 -0.1
CRPR	Cabo Rojo, PR	0.26 305		Pg	05 03 11.6 -0.2
CRPR	Cabo Rojo, PR	0.26 305		Pg	05 03 15.7 -0.2
CRPR	Cabo Rojo, PR	0.26 305		Pg	05 03 16.2
CRPR	Cabo Rojo, PR	0.26 305		Pg	05 03 17.2
CRPR	Cabo Rojo, PR	0.26 305		Pg	05 03 11.6 -0.2
CRPR	Cabo Rojo, PR	0.26 305		Pg	05 03 15.6 -0.2
CRPR	Cabo Rojo, PR	0.26 305		Pg	05 03 16.0
CRPR	Cabo Rojo, PR	0.26 305 \uparrow P		Pg	05 03 11.7 -0.2
OBIP	Obispo Ponce	0.32 55		Pg	05 03 12.7 +0.1
OBIP	Obispo Ponce	0.32 55		Pg	05 03 17.7 -0.2
OBIP	Obispo Ponce	0.32 55		Pg	05 03 12.7 -0.2
OBIP	Obispo Ponce	0.32 55		Pg	05 03 17.7 +0.1
OBIP	Obispo Ponce	0.32 55		Pg	05 03 18.8
OBIP	Obispo Ponce	0.32 55 \uparrow P		Pg	05 03 12.9 0.0
OBIP	Obispo Ponce	0.32 55		Pg	05 03 18.0 +0.4
CELP	Cerrillos	0.36 53		Pg	05 03 13.3 -0.2
CELP	Cerrillos	0.36 53		Pg	05 03 19.7
CELP	Cerrillos	0.36 53		Pg	05 03 19.0 +0.2
CELP	Cerrillos	0.36 53		Pg	05 03 20.1
CELP	Cerrillos	0.36 53 \uparrow P		Pg	05 03 13.5 -0.1
LSP	Las Mesas	0.37 329		Pg	05 03 13.6 -0.1
LSP	Las Mesas	0.37 329		Pg	05 03 19.6 +0.1
LSP	Las Mesas	0.37 329 \uparrow P		Pg	05 03 13.6 -0.1
LSP	Las Mesas	0.37 329		Pg	05 03 19.6 +0.1
UUPR	Utuaod, UPR, P	0.42 22		Pg	05 03 14.3 -0.3
UUPR	Utuaod, UPR, P	0.42 22 \uparrow P		Pg	05 03 20.1 -0.4
UUPR	Utuaod, UPR, P	0.42 22 \uparrow P		Pg	05 03 14.4 -0.3
PRSN	Puerto Rico Se	0.43 325		Pg	05 03 14.6 -0.3
PRSN	Puerto Rico Se	0.43 325		Pg	05 03 20.9 +0.1
PRSN	Puerto Rico Se	0.43 325		Pg	05 03 25.9
PRSN	Puerto Rico Se	0.43 325 \uparrow P		Pg	05 03 14.7 -0.2
AOPR	Arecibo Observ	0.50 14		Pg	05 03 15.6 -0.5
AOPR	Arecibo Observ	0.50 14		Pg	05 03 22.4 -0.5
AOPR	Arecibo Observ	0.50 14 \uparrow P		Pg	05 03 23.2
AOPR	Arecibo Observ	0.50 14 \uparrow P		Pg	05 03 15.7 -0.4
AGPR	Aguadilla, PR	0.64 341		Pg	05 03 18.1 -0.5
AGPR	Aguadilla, PR	0.64 341		Pg	05 03 27.1 -0.2
AGPR	Aguadilla, PR	0.64 341		Pg	05 03 27.5
AGPR	Aguadilla, PR	0.64 341		Pg	05 03 27.6
AGPR	Aguadilla, PR	0.64 341 \uparrow P		Pg	05 03 18.2 -0.5
ECPR	Experimental S	0.68 47		Pg	05 03 19.5 -0.8
ECPR	Experimental S	0.68 47		Pg	05 03 27.7 +0.4
ECPR	Experimental S	0.68 47		Pg	05 03 27.9
ECPR	Experimental S	0.68 47		Pg	05 03 31.0
ECPR	Experimental S	0.68 47 \uparrow P		Pg	05 03 18.6 -0.8
EMPR	Esperanza - Ma				

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KTH, GLI, AUL, AGU, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CAHL, BERG, ILAR, KJL, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like E19K, YUK5, F25K, etc.

Table with columns: Station Name, Frequency, Mode, Band, and other technical details. Includes stations like NACB Ninganchiao, SHUL Shoufeng, ESAAO Su ao, etc.

Table with columns: Station Name, Frequency, Mode, Band, and other technical details. Includes stations like WCH1 Pinlang, WVG Taoyuan, STYH Taigang, etc.

Table with columns: Station Name, Frequency, Mode, Band, and other technical details. Includes stations like ARG Arkhangelos, ARG Arkhangelos, ARG Arkhangelos, etc.

Table with columns: Station Name, Frequency, Mode, Band, and other technical details. Includes stations like ARG Arkhangelos, ARG Arkhangelos, ARG Arkhangelos, etc.

Technical notes and coordinates for various stations, including: IDC 10 08:40:09.5, 0.34, 23N, 25.61E, h0km, mb4.4/26, bmlp4.3/40, ML3.8/11, MS3.7/43, Error ellipse: s-maj=12.2km s-min=10.7km az=16.0, BGR 10 08:40:09.2, 0.34, 30N, 10.7km, mb4.2, Error ellipse: s-maj=44.5km s-min=36.7km az=42.0, MOS 10 08:40:10.2, 1.1, 34N, 14N, 25.49E, h16km, mb4.7/33, Error ellipse: s-maj=6.4km s-min=3.4km az=83.4, MCSM 10 08:40:11.5, 0.6, 34N, 5.2E, h5km, mb4.4, MB4.3, MLv4.2, Mw(m)3.4, ISK 10 08:40:11.3, 34N, 16N, 25.59E, h11km, ML4.1/21, Gil 10 08:40:11.3, 0.0, 34N, 023N, 0.001:25:806E:0.001, h0km, WYSA4.7, confirmed NEIC 10 08:40:11.3, 1.6, 34N, 11N, 0.07:25:54E, 0.06, h10km, 1km, mb4.6/72, Error ellipse: s-maj=13.1km s-min=7.3km az=202.0, ATH 10 08:40:14.6, 34N, 33N, 25.59E, h7km, 2km, ML3.8/13, Latitude uncertainty: 2 km; Longitude uncertainty: 1 km THE 10 08:40:14.3, 34N, 18N, 2.6E, h0km, 20km, M3.8/8, MLh3.8/8, AFAD 10 08:40:15.7, 34N, 55N, 26.00E, h3km, 4km, MW4.1, ISC 10 08:40:10.1, 0.7, 34N, 11N, 0.03:25:62E, 0.03, h7km, 4km, n769, s1947/783, mb4.5/84, MS3.7/40, 27C-26D, Crete

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like HRFI Mount Harif, EIL Elat, PDG Podgorica, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like OJC Ojcow, AK06 Malin Array Si, AK13 Malin Array Si, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like CLL Colim, CLL Colim, CLL Colim, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like PAB San Pablo, MD01 Midelt array S, MVO Moncorvo, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like LSZ Lusaka, NOR Nord, SUMG Summit, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like D20K Etivluk River, TOLK Toolik Lake Re, C17K DeLong Mountai, etc.

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S, Time, Res. Includes stations like H16K Elim, ULM Lac du Bonnet, DAWY Dawson, MAYO Yukon, etc.

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S, Time, Res. Includes stations like M16K Timber Creek, GLI Glacier Island, M14K Bethel, M11K Mekoryuk, etc.

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S, Time, Res. Includes stations like ETRV Torre Pacheco, EMUR La Murta, EMUR La Murta, etc.

SFS 10 09:02:26.4, 37.95N:0.96W, h8km, ML2.7/9, ML2.7/9, MDD 10 09:02:26.5, 0.3, 37.94N:0.97W, h11km, mb_Lg2.3/19, Error ellipse: s-maj=3.0km s-min=2.0km az=132.0

ISC 10 09:30:38.2, 1.3, 5.93S: 153.91E, h0km, mb3.9/6, mbmp3.9/7, ML2.0/1, MS3.1/8, Error ellipse: s-maj=56.6km s-min=21.3km az=132.0

10d 10h

Table with columns: STKA, CMAR, ZALV, ILAR, ILAR, NEW, YKA, TORD. Includes station names, coordinates, and codes.

IDC 10 09:46:15.8±1.5, 32°25'S-178°04'W, h0km, mb3.7/3, mbtmp3.7/4, ML3.6/1, Error ellipse: s-maj=39.3km s-min=30.6km az=108.0

WEL 10 09:46:18.1±0.8, 32°57'±17.8'W, h1.2km, M4.3/13, mb4.7/5, ML4.5/12, ML7.4/13, Mw(mb)3.9/5, Error ellipse: s-maj=24.6km s-min=4.0km az=108.9

ISC 10 09:46:18.8±1.2, 32°12'S-178°10'W±0.2, h24km, n26, ±1942/42, mb3.7/3, South of Kermadec Islands

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res. Lists stations like Green Lake, Pakihiroa, Waitematani S, etc.

IDC 10 09:52:24.3±3.4, 15°10'S-173°37'W, h0km, mb3.4/3, zkm1.3/3, Error ellipse: s-maj=184.0km s-min=20.7km az=147.0, Tonga Islands

Station list table for the Tonga Islands region, including stations like Afiamalu, Warramunga Arr, Hagfors, etc.

JMA 10 09:58:15.0±0.2, 34°N±3'±13°7'E±, h398km, MV2.9/33, SE OFF KIL PENINSULA

IDC 10 09:58:19.1±1.8, 33°37'N±136°95'E, h353km, 4.1km, mb2.6/2, mbtmp3.4/5, Error ellipse: s-maj=60.0km s-min=35.1km az=16.0

ISC 10 09:58:19.4±1.1, 34°11'N±137°0E±0.2, h400km, n11, ±267/11, Near south coast of Eastern Honshu

Station list table for the Eastern Honshu region, including stations like Ise, Hamakita, Obara, etc.

MOS 10 10:02:49.8±1.0, 34°20'N±25°76'E, h13km, mb4.4/14, Error ellipse: s-maj=8.9km s-min=5.0km az=78.9

IDC 10 10:02:49.1±1.0, 34°19'N±25°89'E, h0km, mb4.1/15, mbtmp4.1/23, ML3.3/6, M53.0/9, Error ellipse: s-maj=20.2km s-min=13.0km az=16.0

ISK 10 10:02:50.9, 34°28'N±25°93'E, h5km, ML3.4/19, NEIC 10 10:02:50.8±0.9, 34°10'N±10°25'±88E±0.03, h10km±1km, mb4.1/18, Error ellipse: s-maj=16.4km s-min=4.4km az=175.0

ATH 10 10:02:55.7, 34°50'N±25°85'E, h10km±2km, ML2.3/10, Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

AFAD 10 10:02:55.4, 34°66'N±26°16'E, h7km±4km, MW3.6

ISC 10 10:02:53.9±1.1, 34°20'N±10°05'±25°90E±0.04, h32km±7km, n211, ±1947/227, mb4.2/24, M53.0/7, 10C, Crete

Station list table for the Crete region, including stations like Zakros, Sitia Lasithi, etc.

2020 MAY

Station list table for the Neapolis region, including stations like Neapolis, Anoyia, Gavdhos, etc.

comp=N, 2.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

comp=Z, 2.8nm, 18.1s, baz=176, slow=36, 0.1nm, 0.5s, baz=256, slow=4.5, SNR=1.8

comp=Z, 6.2nm, 18.2s, baz=52, slow=37, 0.3nm, 0.6s

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Station list table for the Modra-Piesok region, including stations like Modra-Piesok, Conrad Observa, etc.

comp=Z, 1.6nm, 0.8s

comp=Z, 2.2nm, 0.7s

comp=Z, 2.9nm, 0.7s

comp=Z, 1.0nm, 0.7s

comp=Z, 7.5nm, 0.6s, SNR=9.7

comp=Z, 1.15nm, 18.9s, baz=275, slow=43

comp=Z, 4.2nm, 0.7s

comp=Z, 2.4nm, 1.1s

comp=Z, 1.4nm, 14.0s

comp=Z, 0.1nm, 0.3s, baz=252, slow=8.7, SNR=12

comp=Z, 9.0nm, 1.0s

comp=Z, 2.6nm, 0.9s

comp=Z, 0.9nm, 0.7s, SNR=5.8

comp=Z, 0.8nm, 0.4s, baz=199, slow=11, SNR=7.8

comp=Z, 7.5nm, 0.7s

comp=Z, 1.2nm, 1.0s, SNR=4.8

comp=Z, 7.6nm, 1.0s, SNR=6.6

comp=Z, 1.1nm, 0.9s

comp=Z, 1.6nm, 1.1s, SNR=6.5

comp=Z, 1.5nm, 0.6s

comp=Z, 3.9nm, 0.6s

comp=Z, 0.2nm, 0.3s, baz=138, slow=17, SNR=9.7

comp=Z, 3.1nm, 0.8s

comp=Z, 5.0nm, 1.7s

comp=Z, 2.9nm, 0.6s

comp=Z, 3.9nm, 0.6s

comp=Z, 3.5nm, 1.7s

comp=Z, 2.5nm, 0.8s

comp=Z, 1.4nm, 0.8s

comp=Z, 1.4nm, 0.8s

comp=Z, 1.0nm, 1.3s

comp=Z, 4.0nm, 0.4s

comp=Z, 6.0nm, 0.7s

comp=Z, 7.0nm, 0.7s, baz=185

comp=Z, 1.0nm, 1.3s

comp=Z, 4.0nm, 0.4s

comp=Z, 1.0nm, 0.8s

comp=Z, 1.0nm, 0.8s

comp=Z, 1.0nm, 0.8s

comp=Z, 1.0nm, 0.8s

comp=Z, 1.0nm, 0.8s

comp=Z, 1.0nm, 0.8s

comp=Z, 1.0nm, 0.8s

comp=Z, 1.0nm, 0.8s

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comp=Z, 1.0nm, 0.8s

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comp=Z, 1.0nm, 0.8s

comp=Z, 1.0nm, 0.8s

comp=Z, 1.0nm, 0.8s

comp=Z, 1.0nm, 0.8s

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SADO Sadowa, RCBR Ruchuelo, TKL Tuckaleechee C, etc.

KRNET 10 13:05:12.6: 0.1, 40.84N, 78.72E, h19km, mb2.6
NMC 10 13:05:13.8: 1.7, 40.89N, 78.77E, h0km, mb3.3, mpv2.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TARG Taragay, Kyrgyz, PRZ Przhval'sk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like UZB Uzunbulak, UZB Uzunbulak, SHLS Shalkode, etc.

JMA 10 13:06:10.3: 0.1, 23.7N, 0.5: 122.0E: 0.6, h25km, MV2.8/12, TAIWAN REGION
TAP 10 13:06:11.0: 23.70N, 121.96E, h33km, ML3.3, C

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TEYL Yanliu Villag, SHUL Shoufeng, SHUL Shoufeng, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NNSB Datong, NNSB Suao, TWC Tachien, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like PNG, JISG, VCHM, etc.

SJA 10 13:12:34.1±0.6, 21.02S; 66.65W, h279km, 6km, ML3.6, MW3.4

SCB 10 13:12:36.5±1.3, 21.03S; 66.67W, h244km, 13km, ML3.5/2, Error ellipse: s-maj=5.4km s-min=3.7km az=0.0

IDC 10 13:12:42.4±8.3, 20.46S; 66.45W, h279km, 52km, mb3.4/1, mbtmp3.7/4, Error ellipse: s-maj=121.3km s-min=31.1km az=22.0

ISC 10 13:12:36.4±0.9, 21.07S; 0.04±66.66W±0.04, h243km, n37, c133/56, Southern Bolivia

Main table for the first section, listing station codes, names, and various parameters. Includes stations like MOCB, YJA, YJA, etc.

IDC 10 14:14:41.4±2.2, 44.63N; 141.04E, h246km, 23km, mb3.1/8, mbtmp3.6/11, Error ellipse: s-maj=20.7km s-min=13.0km az=11.0

JMA 10 14:14:41.5±0.3, 44.6N; 141.04E, h270km, 2km, MW3.5/32, NW OFF HOKKAIDO

SKHL 10 14:14:42.9±0.4, 44.60N; 141.30E, h247km, 6km, mb4.7/4, msH4.8/3

ISC 10 14:14:42.4±0.7, 44.59N; 0.06±119.0E±0.07, h262km, 6km, n34, c1508/43, mb3.3/8, Hokkaido region

Table for the second section, listing station codes, names, and various parameters. Includes stations like YAG, JSS, JRR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like JOSH, JAK, JAK, etc.

KURBB Kurchatov Arra 41.55 301 P 14 22 04.0 ±0.3

ILAR Gieseler Array 43.35 36 P 14 22 19.0 ±0.4

YKA Yellowknife Ar 57.44 32 P 14 24 04.4 ±0.9

FINES FINES Arr B 62.10 331 P 14 24 34.4 ±0.8

WRA Warramunga Arr 64.52 187 P 14 24 51.5 0.0

ASAR Asari Springs 68.25 187 P 14 25 16.3 ±0.3

PDAR Pinedale Array 72.55 47 P 14 25 41.5 ±0.3

KRNET 10 14:18:33.9±0.1, 40.88N; 78.74E, h16km, mb3.1

SOME 10 14:18:36.1, 40.95N; 78.62E, h10km

NNC 10 14:18:37.1±1.0, 40.97N; 78.64E, h0km, mb3.8, mpv3.3, Error ellipse: s-maj=6.7km s-min=4.3km az=159.0

ISC 10 14:18:33.6±2.4, 40.88N; 0.09±78.63E±0.05, h12km, 14km, n36, c159/52, 12C-8D, Southern Xinjiang

Main table for the second section, listing station codes, names, and various parameters. Includes stations like TARG, PRZ, KDJ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like MRKS, MRKS, BTLS, etc.

WEL 10 14:29:58.0±1.3, 33.3S; 77°17'8"E±2.4, h12km, M3.7/3, mb4.5/2, ML3.8/10, ML3.7/3, Mw(MB)3.7/2, Error ellipse: s-maj=31.9km s-min=9.3km az=93.6, South of Kermadec Islands

Table for the third section, listing station codes, names, and various parameters. Includes stations like HAZ, WMZ, PKGZ, etc.

IDC 10 14:33:15.1±4.6, 42.1S; 131.27E, h0km, mb3.2/2, mbtmp3.1/4, ML3.4/1, Error ellipse: s-maj=360.0km s-min=28.6km az=73.0, Banda Sea

Table for the fourth section, listing station codes, names, and various parameters. Includes stations like WRA, ASAR, MKAR, etc.

KRNET 10 14:47:48.5±0.1, 40.40N; 72.73E, h13km, mb2.6

ISU 10 14:47:48.40N; 72.78E, h17km

ISU 10 14:47:48.1±1.0, 40.42N; 0.04±72.76E±0.04, h12km, 7km, n9, c046/15, 2C-12D, Kyrgyzstan

Table for the fifth section, listing station codes, names, and various parameters. Includes stations like OHH, OHH, TSTA, etc.

TAP 10 14:54:00.6, 23.78N; 122.04E, h41km, ML2.9, C

JMA 10 14:54:00.1±0.1, 23.8N; 0.6±122.0E±0.5, h36km, MV2.0/13, TAIWAN REGION

ISC 10 14:54:00.8±1.1, 23.75N; 0.02±122.07E±0.02, h33km, 5km, n98, c1509/166, Taiwan region

Main table for the sixth section, listing station codes, names, and various parameters. Includes stations like EOSA, EOSA, TEYL, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, Time, Res, h, m, s, ISC. Includes stations like WU5B, CHKT, NNSB, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, Time, Res, h, m, s, ISC. Includes stations like H11S2, H11S1, HILR, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, Time, Res, h, m, s, ISC. Includes stations like NB2, NOA, SPB2, etc.

JMA 10 15:06:42.7±0.4, 30.3N, 0.6±14.4E, h43km, MV4.3/23, FAR E OFF IZU ISLANDS

MOS 10 15:09:46.6±0.9, 36.58N, 171.17E, h106km, mb4.0/1, Error ellipse: s-maj=15.9km s-min=6.6km az=82.9

NEIC 10 15:09:47.1±1.5, 36.61N, 0.08±70.8E, 0.1, h160km, 10km, mb4.1/3, Error ellipse: s-maj=16.3km s-min=10.8km az=106.0

Table with columns: Code, Station Name, Az, Phase, ID, Op, Time, Res, h, m, s, ISC. Includes stations like CBJ, JCH, JCU, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, Time, Res, h, m, s, ISC. Includes stations like MK31, MKR, MKM, etc.

NEIC 10 15:52:24.8±1.2, 42.57N, 111.48W, h0km, mb2.5/1, mbmp2.9/3, ML3.1/2, MS2.3/1, Error ellipse: s-maj=21.7km s-min=8.3km az=159.0

NEIC 10 15:52:24.9±0.7, 42.63N, 0.010±111.49W, 0.04, h10km, 2km, ML2.9/98, ML3.1/18(UUSU), Error ellipse: s-maj=4.9km s-min=3.1km az=288.0

UUSU 10 15:52:25.1±0.6, 42.63N, 0.02±111.50W, 0.03, h5km, 4km, NPI Error ellipse: s-maj=3.4km s-min=2.1km az=114.0

ISC 10 15:52:25.0±0.8, 42.63N, 0.03±111.50W, 0.03, h9km, n59, 0.88/45, Eastern Idaho

Table with columns: Code, Station Name, Az, Phase, ID, Op, Time, Res, h, m, s, ISC. Includes stations like AHD, AHI, ABE, etc.

10d 16h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LTU, LOHW, MOOW, HVU, PD31, etc.

2020 MAY

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MT02, MT05, MT07, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LIOB, TDCB, NSIT, etc.

10d 16:47:57.9±1.5, 133.03N:91.10W, h0km, mb3.7/5, mbtmp3.6/9, ML3.3/4, MS3.1/3, Error ellipse: s-maj=29.7km s-min=17.4km az=3.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STG5, FG16, STG2, etc.

10d 16:45:12.2, 24.78N:122.25E, h14km, ML2.6, C JMA 10 16:45:12.5±0.1, 24.7N:0.9:122.3E:0.4, h44km, 4km, MV2.0/10, TAIWAN REGION

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EGS, TWB1, EGS2, etc.

10d 16:35:00.3±1.5, 33.87S:72.43W, h17km, ML3.4, MW3.8 GUC 10 16:35:02.5±0.8, 33.91S:72.29W, h0km, 12km, ML3.3

Table with columns: ARTI, comp-Z, time, and various status indicators (LR, P, I, S, etc.). Rows include stations like ARTI, ARTI, ARTI, etc., with their respective coordinates and status.

Table with columns: VORR, comp-Z, time, and various status indicators (pmax, P, eP, etc.). Rows include stations like LPSR Galich'ya Gora, ANN Anapa, MOS Moscow, etc., with their respective coordinates and status.

Table with columns: VSU, comp-Z, time, and various status indicators (P, Pmax, LR, etc.). Rows include stations like VSU Vasula, EIL Elat, KMPD K-Podo'shny, etc., with their respective coordinates and status.

Table with columns for station ID, name, coordinates, and values. Includes stations like YAK, NB2, NOA, KONS, GRF, WTTA, NC204, LOF, MOTA, KRSR, HOPEN, KONO, KONO, KONO, FETA, KLR, BJO1, BKNI, BKNI, DAVA, SKAR, TIXI, TIXI, PPI, MYKOM, MYKOM, MYKOM, PDSI, LDK, SPB2, SPB2, SPA0, SPITS, SPITS, SPITS, DSRI, KBS, JMBI, KEST, KIBK, SJUM, SJUM, EKA, EKA, MBAR, MJAR, MJAR, ESDC, ESDC, TOL2, BILL, BILL, BILL, APSI, PETK, VOI, LSZ, LSZ, LSZ, TORD, TORD, A19K, A21K, C16K, C17K, A22K, SOEI, SOEI, B20K, B20K.

Table with columns for station ID, name, coordinates, and values. Includes stations like C18K, C18K, C19K, D17K, GAMB, TNA, B22K, B22K, B21K, B21K, F14K, D19K, E17K, E18K, D20K, D20K, C21K, F15K, C23K, E20K, ANM, ANM, ANM, G15K, E21K, E21K, E19K, E19K, C24K, C24K, F18K, G16K, G16K, D23K, D23K, D24K, D24K, C26K, C26K, G17K, F20K, F20K, E22K, E22K, TOLK, H16K, H16K, D25K, G18K, C27K, A36M, G19K, G19K, F21K, F21K, F22K, H17K, H17K, E23K, E24K, E24K, H18K, G21K, H19K, H19K, J14K, J14K, G22K, H17K, H17K, I17K, I17K, D27M, K13K, E25K, JMAR, F24K, D28M, H20K, J16K, G23K, F25K, F25K, H21K, H21K.

Table with columns for station ID, name, coordinates, and values. Includes stations like E28M, J17K, F26K, E27K, E27K, H22K, K15K, BMAR, I20K, G24K, G24K, E29M, E29M, L14K, G25K, LPHEP, I21K, J19K, J19K, H23K, L15K, G26K, J20K, J20K, K17K, MBWA, F28M, H24K, M13K, MLY, C36M, M14K, INK, INK, I23K, I23K, L16K, L16K, G27K, G27K, K20K, K20K, CHUM, F30M, F30M, GRTL, M15K, POKR, BPWA, L18K, PRP, NEA2, NEA2, COLA, COLA, COLA, DRS, G29M, H27K, N14K, M16K, F31M, F31M, G30M, G30M, ILAR, ILAR, ILAR, M17K, M17K, KTH, TSUM, TSUM, N15K, L19K, H2A, I26K, PPLA, G31M, G31M, TRF, I27K, H29M, H29M.

Table with columns: Station ID, Name, Lat, Lon, Az, El, Azm, S, P, M, T, etc. Includes stations like N16K Nishlik Lake, MCK McKinley, M18K Stony River, etc.

Table with columns: Station ID, Name, Lat, Lon, Az, El, Azm, S, P, M, T, etc. Includes stations like EYAK Cordova Ski Ar, M30M Milto, Yukon, P23K Montague Islan, etc.

Table with columns: Code, Station Name, Az, Azm, Phase ID, Op, Time, Res, etc. Includes stations like AF01 San Pedro de A, AF01 San Pedro de A, AF01 comp=Z,56um,0.5s, etc.

VAO 10 18:04:05.8,1.4,22.93S:68.71W,h18km,9km,mb6.0, Presumed earthquake
MOS 10 18:04:20.1,1.0,22.70S:67.97W,h100km,mb5.5/18, Error ellipse: s-maj=11.6km s-min=8.3km az=97.8
NEIC 10 18:04:21.9,2.4,22.76S:0.05:68.07W,0.05,h107km,3km, mb5.2/536,Mw5.4/38,Mw5.4/42,Mw5.5(GUC), Error ellipse: s-maj=9.2km s-min=4.7km az=222.0, Moment Tensor Solution, Moment tensor: Scale 10^17Nm; Mn=0.44; Mw=0.10; M0=0.34; M0=0.59; Mb=0.52; Mr=1.36; Fault plane solution: M0.162000x10^17 NPT:

Table with columns: Station, Frequency, Mode, Class, and Date/Time. Includes stations like Humberstone, San Lorenzo, Huaiquique, Chusmiza, Maricunga, Copiapo, Tinogasta, etc.

Table with columns: Station, Frequency, Mode, Class, and Date/Time. Includes stations like Puerto Leguiza, JABN, DUB01, Santa Maria do, Paranaapebas, etc.

Table with columns: Station, Frequency, Mode, Class, and Date/Time. Includes stations like Caibarien, SOR, Tlapa, Blakely, Zacatecas, Waverly Hall, etc.

Table with columns: Station, Frequency, Mode, Class, and Date/Time. Includes stations like Gilead, Pauline, Hockley, Carrolton, etc.

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

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like LGTI, PTH, KASI, etc.

KRNET 10 18:19.45.0.1, 40.75N, 78.47E, mb2.9
NINC 10 18:19.45.6.1.2, 40.89N, 78.65E, h0km, mb3.6, mpv3.2

Code Station Name Az AzZ Phase ID Time Res
TARG Taragay, Kyrgyz 1.13 325f Op Psc

Table with columns for station name, frequency, power, and other technical details. Includes stations like TARG, KAJISAY, NARN, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like TNS5 Tian-Shan, PDGK Podgornye, BOOM Boomskeye usch, etc.

SJA 10 18:24:47.2,0.6,20.57Sx70.63W,h33km,1km,ML3.4, MW3.5

GUC 10 18:24:48.5,0.7,20.58Sx70.62W,h42km,3km,ML3.6

IDC 10 18:24:55.1,9.5,20.90Sx69.82W,h67km,71km,mb3.4/1, mbmp3.4/2,ML2.8/1, Error ellipse: s-maj=134.5km

ISC 10 18:24:49.0,1.4,20.60Sx70.57W,0.06,h29km,10km,n41,c110/54,2C-2D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like TA01 Diego Aracena, PATCX Punta Patate, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like H11S2 WAKE ISLAND, H11S1 WAKE ISLAND, etc.

DJA 10 18:25:27.0,3.0,19.28Sx111.9E,h10km,M4.4/26, mB5.1/6,mb4.6/13,MLV4.3/26,Mw(mB)4.4/6

IDC 10 18:25:29.4,3.6,19.27Sx119.32E,h52km,35km,mb3.6/5, mbmp3.8/10,ML3.7/5,MS3.6/5, Error ellipse: s-maj=33.9km s-min=19.5km az=48.0

ISC 10 18:25:27.0,0.7,19.28Sx111.9E,0.06,h19.28km,n38,c260/39,mb4.0/5,MS3.9/4, Sumba region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WBSI Waikabubak, WSI Waipeigo, etc.

IDC 10 18:34:14.4,8.9,30.32Sx177.07W,h0km,mb3.3/2, mbmp3.3/2, Error ellipse: s-maj=376.4km s-min=64.3km az=154.0, Kermadec Islands

Code Station Name Azimuth Elevation Azimuth Error Elevation Error Station Name Azimuth Elevation Azimuth Error Elevation Error

ASAR Alice Springs 43.92 266 P 18 42 22.9 -0.3

WRM Warramunga Arr 44.90 272 P 18 42 31.2 +0.1

FINES Finnes Array B 145.34 341 PKPbc PKPbc 18 53 52.5 -0.8

SNET 10 18:36:20.7,2.1,14.44Nx90.42W,h4km,ML3.0, mB5.1/6,mb4.6/13,MLV4.3/26,Mw(mB)4.4/6

GCG 10 18:36:20.6,1.4,14.40Nx90.52W,h6km,4km,MD3.6, MW2.5, Presumed earthquake

CATAC 10 18:36:21.3,0.2,14.24Nx90.0W,h2km,1km,ML3.0/13, MLV3.0/13, Error ellipse: s-maj=5.3km s-min=2.2km az=28.4, confirmed

ISC 10 18:36:22.0,0.9,14.42N,0.03,90.44W,0.03,h15km,6km,n32,c1955/48, Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like FG16 Alotenango, FG16 OSOP, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like CEVE Cerro Verde, MTO3 Montecristo, etc.

IDC 10 18:40:08.5,0.8,57.59Sx25.60W,h0km,mb4.0/5, mbmp4.0/6,ML4.1/1, Error ellipse: s-maj=43.2km s-min=22.3km az=79.0

ISC 10 18:40:14.3,0.9,57.75S,0.1x25.4W,0.3,h43km,n20,c1936/13,mb3.8/3,4C, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like VNA1 Neumayer-Stat, VNA3 Neumayer Olym, etc.

SJA 10 18:56:43.1,0.7,30.40Sx72.00W,h13km,3km,ML3.8, MW3.7

GUC 10 18:56:47.2,0.8,30.45Sx71.66W,h44km,5km,ML3.9

IDC 10 18:57:04.9,8.8,21.37Sx69.07W,h0km,mbmp3.4/1, ML4.0/1, Error ellipse: s-maj=442.9km s-min=34.4km az=34.0

ISC 10 18:56:43.8,0.8,30.41S,0.02,71.81W,0.04,h10km,n61,c231/102,2C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like CO05 La Serena, CO05 Tololo Observa, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like San Esteban, Curacav Zonda, Cerro Villucun, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Las Mesas, Arcobello Observ, Cabo Rojo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Datca, Turunc, Vellai, etc.

NEIC 10:03:59.7±0.6, 19.08N±0.08; 67.90W±0.09, h35km±2km, ML3.1/31, MD3.6/10(RSPR), Error ellipse: s-maj=16.3km s-min=12.9km az=231.0

RSRPR 10:19:04.01±0.6, 19.11N±0.67; 82W, h27km±18km, MD3.6/10 SDD 10:19:04.03±2.2, 19.03N±67.53W, h0km±9km, MD3.0, ML3.0, MW2.9, Presumed earthquake Hypocentre not reviewed by the ISC

ISC 10:19:04.00±3.2, 19.0N±0.1; 67.7W±0.1, h15km±11km, n47, c037/52, 5C-9D, Mona Passage

IDC 10:19:13.46±0.3, 0.33; 75N±25.52E, h0km, mb3.6/5, mbtmp3.5/9, ML2.8/3, MS3.2/2, Error ellipse: s-maj=60.7km s-min=25.8km az=4.0

ISK 10:19:13.47±0.3, 33.80N±25.82E, h60km, ML3.0/8 THE 10:19:13.50±0.3, 34.1N±20.6E; 1.2, h1km±23km, M2.7/6, MLh2.7/6

ATH 10:19:13.54±0.6, 34.38N±25.61E, h10km, ML2.8/7, Latitude uncertainty: 3 km; Longitude uncertainty: 1 km AFAD 10:19:13.59±0.3, 34.29N±26.02E, h35km, ML2.8

ISC 10:19:13.49±1.8, 34.17N±0.07; 25.66E±0.03, h9km±9km, n56, c1885/76, mb3.6/6, Crete

NOU 10:19:17.37±5.7, 37.80S; 176.41E, h209km, MLv3.8/17, North Island, New Zealand WEL 10:19:17.40±0.9, 38.5°S×17.6°E, h180km±9km, M3.4/6/2, MLv3.4/6/2, Error ellipse: s-maj=7.2km s-min=5.5km

ISC 10:19:17.35±1.8, 37.88S±0.05; 176.39E±0.06, h227km±10km, n119, c1888/129, North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Tauranga, Ohinepanea, Omania, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Fush Village, Iriomote-Funau, Ninganchiao, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LIOB, Nanjuang, Liyuan, Taipei, Zhudong, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JKRS, Hateruma jima, Iriomote-Funau, etc.

SNET 10 20:57:37.6:1.0, 12:25N:87:61W, h37km, 11km, ML3.0, Presumed earthquake
CATAC 10 20:57:00.0, 12:14N:87:7W, h37km, 4km, M3.5/18, MLV3.5/18, Error ellipse: s-maj=8.7km s-min=2.2km az=24.4, confirmed

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CRIN, San Cristobal, CSGN, Cosiguina Volc, etc.

IDC 10 21:06:10.5:3.2, 21:92S:178:60W, h418km, 34km, mb2.8/3, mbmtpp3.6/4, Error ellipse: s-maj=49.9km s-min=40.2km az=26.0, Fiji Islands region

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

DJA 10 21:09:50.0:4.1, N4:12:0E, h10km, M4.1/25, mb5.2/2, mb4.2/3, MLV4.0/25, Mw(mb)4.2, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PCI, Palu, APSI, Ampana, etc.

IDC 10 21:34:05.3:1.2, 34:09N:25:63E, h0km, mb3.5/6, mbmp3.4/14, ML3.1/8, MS3.1/2, Error ellipse: s-maj=24.5km s-min=17.0km az=11.0

THE 10 21:34:08.5, 34:13N:26:2E, 1.0, h0km, 31km, M2.6/5, ML2.6/5

AFAD 10 21:34:11.8, 34:48N:25:76E, h7km, 7km, ML2.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZKR, Zakros, STIA, Sitia, etc.

Table with columns: IDI, Station Name, A°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Anoyia, Gavdhos, Vamos, Karpathos, Thera, etc.

Table with columns: YHNB, Station Name, A°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Yeheng, Beinan, Pinang, Suanglung, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Carrizo Plain, Superstition M, Elmore Ranch, etc.

IDC 1021:39:51.4, 0.2, 24°N, 125°36'E, h0km, mb3.8/11, mbmp3.8/14, ML3.4/3, MS3.2/3, Error ellipse: s-maj=25.6km s-min=17.1km az=70.0

NEIC 1021:39:53.5, 1.4, 23°56'N, 108°125'38E, 0.05, h10km, 1km, mb4.3/18, Error ellipse: s-maj=14.8km s-min=3.2km az=150.0

JMA 1021:39:54.9, 0.2, 24°N, 125°4E, 0.8, h78km, MV3.3/15, NEAR MIYAKOJIMA ISLAND

ISC 1021:39:53.3, 3.4, 23°60'N, 106°125'41E, 0.04, h13km, 21km, n75, c111/80, mb4.1/20, Southwestern Ryukyu Islands

JMA 1021:45:35.4, 0.1, 32°6'N, 102°13'E, 0.3, h15km, 1km, MV0.5/23, NORTHERN MIYAZAKI PREF, Kyushu

NEIC 1022:07:39.9, 1.7, 33°02'N, 116°03'W, 0.01, h10km, 1km, mb4.5/51, ML4.6/44, Mw4.5/135, Mw4.5/6(PAS), Error ellipse: s-maj=2.7km s-min=1.7km az=133.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr0.24; Mw=7.64; Mbb=7.40; Mm=0.43; Mss=0.08; Mtt=1.86; Fault plane solution: Mi7.70000x10^15 Np13.44600x10^15, 33.399x10^15, 117.24000x10^15; P22.07000; 882.57000x10^15, 12.07000; Principal axes: T 7.8564, Plg14.0000, Azm91.0000; N -0.1974, Plg7.0000, Azm257.0000; P -7.6609, Plg3.0000, Azm360.0000;

NEIC 1022:07:40.33, 0.3, 33°03'N, 116°03'W, h7km PAS 1022:07:40.4, 1.7, 33°01'N, 116°02'W, 0.01, h10km, 4km, Error ellipse: s-maj=1.5km s-min=1.4km az=223.0

IDC 1022:07:41.2, 0.9, 33°25'N, 115°82'W, h0km, mb4.1/9, mbmp4.0/16, ML3.8/7, MS3.8/51, Error ellipse: s-maj=13.5km s-min=6.8km az=28.0

GCMT 1022:07:45.9, 0.4, 33°39'N, 115°97'W, 0.02, h19km, 2km, MW4.8/75, Moment Tensor Solution. s19, c21; s75, c100; Duration: 0 Moment tensor: Scale 10^19Nm; Mr0.30E, 0.9; Mw=1.65E; 10; Mw=1.36E; 07; Mw=0.41E; 18; Mw=0.05E; 06; Mbb=0.59E; 17; Best double couple: Mo1.68700x10^16 Np13.4640000x10^15, 864.00000x10^15, 10.00000x10^15; P22.03120000x10^15, 881.00000x10^15, 153.00000x10^15; Principal axes: T 1.6400, Plg25.0000, Azm266.0000; N 0.1010, Plg62.0000, Azm114.0000; P -1.7330, Plg12.0000, Azm1.0000; nsta1 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 1022:07:49.9, 0.3, 33°01'N, 116°02'W, 0.01, h12km, 5km, n469, c093/480, mb4.2/27, MS3.9/46, Southern California

Code Station Name A° AZ° Phase ID Time Res ISC h m s ISC

GLA Glamis 1.00 87 Sg IAML 22 07 57.4 -1.8

GLA San Diego Canyon 0.98 341 Sg IAML 22 08 12.5

GLA comp=N, 17.0m, 0.8s IAML 22 08 23.0

GLA comp=E, 26.0m, 0.7s IAML 22 08 23.0

ESJX Sierra Juarez 1.01 176 Pg Sg 22 07 59.0 -4.0

ESJX Sierra Juarez 1.01 176 IAML Sg 22 08 12.4 0.0

ESJX Sierra Juarez 1.01 176 IAML Sg 22 08 13.9

ESJX comp=N, 10.0m, 0.2s IAML 22 08 14.7

POB Polly Butte 1.01 312 Pg Sg 22 07 58.4 -1.0

POB Green Oak Ranc 1.02 278 Pg Sg 22 08 11.6 -1.1

GORC Devers 1.03 333 Pg Sg 22 07 58.9 -0.8

BACH Bachelor Mtn. 1.04 305 Pg Sg 22 07 58.8 -1.1

Table with columns: AS31, Alice Springs, 22.94 134, P, Iamb, P, 22 15 02.1 +0.1, 22 15 34.5, 22 15 02.8 +0.8, 22 15 02.3 +0.3, 22 29 45.4, 22 20 19.1 -2.5, 22 20 18.6 -3.0, 22 21 39.8 -1.2

NEIC 10 22:18:19.5:0.21, 1.6S:0.1:179.4W:0.1, h63km, 9km, mb4.3/15, Error ellipse: s-maj=24.3km s-min=9.3km az=143.0

10 22:18:20.0:0.2, 2.1:67S:179.55W, h624km, 28km, mb2.8/5, mbmp3.8/6, Error ellipse: s-maj=42.3km s-min=28.7km az=26.0

10 22:18:17.7:1.1, 2.1:7S:0.1:179.5W:0.2, h604km, n25, r145/25, mb4.1/1.1, Fiji Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, 22 19 50.9 +3.3, 22 19 50.8 +3.2, 22 23 58.1 +1.4, 22 24 05.8, 22 24 29.9 -0.2, 22 24 31.0, 22 25 07.9 -0.5, 22 25 44.8, 22 25 25.7 +0.5, 22 25 25.1 -0.1, 22 25 26.3 0.0, 22 25 25.5, 22 25 26.6 +0.3, 22 25 27.4, 22 25 26.9 +0.4, 22 25 26.6 +0.1, 22 26 30.0 +1.5, 22 27 02.7 0.0, 22 27 38.2, 22 27 05.7 +1.5, 22 27 05.1 +0.9, 22 27 25.3 -1.4, 22 27 26.9, 22 28 20.0 -0.2, 22 28 20.4 +0.3, 22 28 43.5, 22 28 19.7 -2.3, 22 28 28.7 -1.2, 22 29 11.9 -1.3, 22 29 36.4 -2.1, 22 36 44.5 +0.5

HVO 10 22:20:41.1:0.8, 19.23N:0.04:155.41W:0.04, h32km, 7km, Error ellipse: s-maj=7.1km s-min=4.0km az=147.0

NEIC 10 22:39.9:0.6, 19.26N:0.04:155.42W:0.03, h35km, 2km, ML3.8/42, ML3.6/40(HVO), Error ellipse: s-maj=7.8km s-min=3.4km az=154.0, Hawaiian Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, 22 20 46.9 +0.3, 22 20 46.9 +0.2, 22 20 51.1 -0.4, 22 20 46.9 +0.2, 22 20 51.0, 22 20 47.1 +0.2, 22 20 46.4 +0.3, 22 20 47.0 +0.2, 22 20 51.0, 22 20 47.0 0.0, 22 20 51.3 -0.5, 22 20 47.0 +0.1, 22 20 51.6 -0.2, 22 20 53.8, 22 20 56.7, 22 20 46.8 0.0, 22 20 47.1 0.0, 22 20 51.4 +0.5, 22 20 47.0 0.0, 22 20 51.4 -0.5, 22 20 52.3, 22 20 56.9, 22 20 47.1 +0.1, 22 20 51.4 -0.5, 22 20 52.1, 22 20 47.1 +0.4, 22 20 58.9, 22 20 47.4 +0.1, 22 20 47.6 +0.1, 22 20 47.9 -0.1, 22 20 53.5, 22 20 53.1 -0.4, 22 20 48.4 +0.1, 22 20 54.2, 22 20 53.9 -0.2, 22 20 48.1 0.0, 22 20 53.5 -0.4, 22 20 48.3 +0.1, 22 20 53.6 -0.4, 22 20 49.1 +0.5, 22 20 55.5, 22 20 55.7, 22 20 54.9 +0.3, 22 20 54.6 -0.1, 22 20 54.5 -0.4, 22 20 49.4 -0.2, 22 20 56.5, 22 20 55.4 -0.8, 22 20 54.5 -0.3, 22 20 57.5 -0.8, 22 20 51.7 -0.1, 22 21 10.0

Table with columns: HUH, comp=E, 5.0m, 0.3s, IAML, 22 21 15.1, 22 20 54.4 -0.4, 22 21 04.7, 0.81 341, 22 20 57.4 -0.3, 22 21 06.1 -0.9, 22 21 27.2 -1.1, 22 22 23.7

10 22:29:45.2: 0.1, 43.46N:103.93E, h0km, mb3.5/6, mbmp3.4/12, ML3.3/5, MS3.1/2, Error ellipse: s-maj=18.7km s-min=14.7km az=114.0

10 22:29:46.8: 0.8, 43.44N:103.08E:0.10, h10km, n14, r117/14, mb3.4/5, Mongolia

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, 4.73 21, 22 30 59.4 +1.2, 22 31 11.3 +1.4, 22 31 52.5 -0.7, 22 32 14.0, 22 31 37.5 +1.3, 22 33 44.3, 22 31 47.1 +0.7, 22 34 02.1, 22 32 42.9 -1.9, 22 36 18.7, 22 33 25.5 -1.3, 22 38 01.1, 22 34 03.5 -1.2, 22 42 19.7, 22 34 22.5 +0.4, 22 34 35.9 +0.5, 22 35 02.5 +0.2, 23 04 59.9, 22 39 46.0 +0.5, 22 50 51.1 -1.2, 22 40 57.7 -0.4

10 22:31:09.0: 1.2, 30.97N:141.87E, h0km, mb3.5/5, mbmp3.5/8, ML2.8/3, MS3.6/2, Error ellipse: s-maj=42.0km s-min=18.2km az=7.0

10 22:31:12.3: 1.0, 30.90N:109.141E:0.2, h24km, n10, r123/10, mb3.5/5, Southeast of Honshu

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, 2.79 323, 22 31 53.4 -2.1, 22 32 28.3 -0.1, 22 32 10.0 +0.5, 22 32 51.9 -1.6, 22 32 44.6 0.0, 22 39 49.4 +1.3, 22 40 06.2 +0.4, 22 31 01.25, 22 40 13.4 +0.7, 22 40 37.7 -0.5, 22 40 41.0 +0.8, 23 00 09.2

VAO 10 23:09:53.3: 0.9, 2.99N:78.18W, h136km, 2km, mb4.3, Presumed earthquake

RJNC 10 23:09:59.5: 0.0, 3.1N:1.7W, h37km, 9km, M4.0, mb4.6, mB5.5, ML3.6, Mw(mB)5.0

NEIC 10 23:10:00.2: 1.4, 2.41N:0.07:77.33W:0.08, h92km, 6km, mb4.5/121, Error ellipse: s-maj=12.3km s-min=9.4km az=114.0

CATAC 10 23:10:00.2: 0.6, 2.3N:3.7W, h34km, 10km, M4.3/6, mb4.1/2, mB5.1/1, MLV4.5/6, Mw(mB)4.4/1, Error ellipse: s-maj=8.1km s-min=5.2km az=103.5, confirmed

10 23:10:01.2: 1.7, 2.49N:77.11W, h109km, 16km, mb3.5/10, mbmp4.0/16, MS3.1/4, Error ellipse: s-maj=17.1km s-min=13.0km az=97.0

10 23:09:58.8: 0.5, 2.49N:0.03:77.37W:0.04, h83km, 4km, n201, r155/242, mb4.5/55, Near west coast of Colombia

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, 0.48 166, 23 10 21.2 -2.2, 23 10 12.7 -2.2, 23 10 23.6 -3.2, 23 10 14.6 -2.9, 23 10 27.1 -4.3, 23 10 17.2 -1.1, 23 10 32.8 0.0, 23 10 17.0 -1.5, 23 10 31.2 -1.9, 23 10 25.8 -0.3, 23 10 28.4 -1.9, 23 10 48.2 -2.3, 23 10 29.0 +0.2, 23 10 29.5 +0.7, 23 10 25.6 +1.1, 23 10 29.0 -0.7, 23 10 52.2 -0.9, 23 10 30.6 +0.6, 23 10 54.1 +0.4, 23 10 29.3 -0.7, 23 10 52.9 -0.8, 23 10 29.2 -0.8, 23 10 30.5 -1.9, 23 10 35.3 -0.2, 23 11 04.5 +1.1, 23 10 36.9 -0.1, 23 11 04.0 -2.2, 23 10 37.7 -0.1

Table with columns: OTAV, Otavalo, 2.49 206, Sn, Sn, 23 11 03.6 -3.9, 23 10 37.4 -0.4, 23 11 06.8 -0.7, 23 10 37.1 -0.6, 23 11 11.1 +3.6, 23 10 38.9 -0.2, 23 11 08.9 +0.6, 23 10 37.4 -2.0, 23 10 36.7 -2.7, 23 11 07.2 -3.3, 23 10 41.2 +0.2, 23 10 40.9 -1.0, 23 11 14.1 +0.6, 23 10 44.8 +1.0, 23 10 47.1 +1.3, 23 10 44.9 -0.5, 23 10 47.2 +0.2, 23 11 27.2 +0.3, 23 10 49.8 +0.1, 23 11 30.4 +1.5, 23 10 52.0 +1.6, 23 10 51.3 -0.2, 23 11 31.4 -0.6, 23 10 51.5 -1.3, 23 11 34.7 +0.3, 23 10 57.2 +1.3, 23 11 39.9 -1.1, 23 10 56.4 +0.5, 23 10 57.1 +1.2, 23 11 40.3 +0.2, 23 10 56.9 +0.5, 23 10 57.7 +0.6, 23 10 59.1 +1.1, 23 11 46.4 +2.5, 23 11 00.7 +1.0, 23 11 47.7 +0.9, 23 10 57.4 -0.2, 23 11 46.7 0.0, 23 11 00.8 -0.2, 23 11 49.4 +0.3, 23 11 05.5 +0.1, 23 11 59.2 +2.2, 23 10 56.3 -0.4, 23 12 00.7 +1.3, 23 11 10.9 0.0, 23 12 06.9 -0.1, 23 11 19.4 +2.0, 23 11 18.1 +0.1, 23 11 20.2 +1.4, 23 11 21.9 +0.4, 23 12 27.1 +1.2, 23 11 24.0 +1.9, 23 11 28.7 +2.1, 23 11 35.4 +0.4, 23 11 39.8 +1.1, 23 12 58.6 +1.8, 23 11 40.5 +0.7, 23 12 57.6 -1.1, 23 11 56.1 +0.8, 23 12 10.1 +0.7, 23 13 49.6 -2.2, 23 12 16.7 +1.9, 23 12 33.7 +3.0, 23 14 31.5 +1.5, 23 15 57.0, 23 12 32.0 +1.2, 23 12 32.5 -3.1, 23 14 39.4 +0.7, 23 13 48.6 -0.9, 23 13 49.3 -0.1, 23 17 06.9 +5.0, 23 14 47.1, 23 14 14.0 -0.2, 23 14 17.0 +1.0, 23 14 22.4, 23 14 13.0 -1.3, 23 14 16.0 +0.1, 23 14 12.1, 23 14 15.6 +0.7, 23 14 23.3 +0.8, 23 14 32.5 -1.4, 23 24 23.7, 23 14 32.2 -1.7, 23 14 32.4 -1.5, 23 18 37.7 +2.0, 23 14 56.1 +1.8, 23 15 15.5, 23 14 47.6 -0.4, 23 14 54.3 -2.0, 23 15 44.6 -1.9, 23 15 20.9 +6.8, 23 19 16.6 +1.5, 23 14 57.1 -0.6, 23 15 01.1 +0.5, 23 15 23.8, 23 15 02.1 +0.6, 23 15 05.9 +0.5, 23 15 03.6 -1.8, 23 15 32.3 -2.1, 23 15 13.7 +0.6, 23 15 28.4, 23 15 18.7 +2.0, 23 15 17.1 -2.2, 23 15 16.8 -1.6, 23 15 44.6 +7.0, 23 15 19.2 +0.2, 23 15 51.1, 23 15 20.9 +1.1, 23 15 24.3, 23 15 17.1 -3.5, 23 15 46.6 +6.8, 23 15 45.3 +0.2, 23 16 02.3 -1.8, 23 16 29.4 +6.0, 23 16 08.1 -2.2, 23 16 09.8, 23 16 11.7 +0.6, 23 16 23.7, 23 16 29.7 +0.3, 23 16 31.8, 23 16 26.9 -2.6, 23 16 31.0 +1.4, 23 16 31.8, 23 16 37.6 +0.9, 23 16 37.3 -0.1, 23 17 00.5

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and Residual. Includes stations like Keskin Array S, Mount Meron Ar, Carcalui Topolog, Bucovina Ar. S, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and Residual. Includes stations like CESI - Serrava, Marolino, Arcevia, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and Residual. Includes stations like MURB, MPAG Monte Paganucio, etc.

ROM 10 23:35:38.8-0.1, 43°21'19N, 0°00'33.13'225E-0°00'4, h21km, ML1.5/18, 6C-9D, Error ellipse: s-maj=0.4km

Main table for ROM station data with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and Residual. Includes stations like San Severino M, Monte D'Arja, etc.

ROM 10 23:35:42.2-0.1, 43°20'8N, 0°00'33.13'233E-0°00'5, h22km, ML1.9/15, 2C-6D, Error ellipse: s-maj=0.4km

Main table for ROM station data with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and Residual. Includes stations like San Severino M, Pievefavera, etc.

Gli 10 23:36:43.0-0.0, 34°07'7N, 0°00'25.744E-0°00'1, h0km, Mvs3.9 confirmed

Main table for Gli station data with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and Residual. Includes stations like ZKR Zakros, etc.

10d 23h

Table with 6 columns: Station Name, Azimuth, Zenith, Elevation, Station Type, and Time. Lists stations like ISPARTA, MATHIATHI, OFER, KZIOT, AMATZIA, MOUNT MERON AR, etc.

2020 MAY

Table with 6 columns: Code, Station Name, Azimuth, Zenith, Elevation, Station Type. Lists stations like UCHT, EKSE, AAK, AAK, KBK, ULHL, CHMS, USP, TKM2, MKAR, KURBB, BVAR, AKTO, ZALV, ARCES, HFS, NOA, TORO, etc.

Table with 6 columns: Code, Station Name, Azimuth, Zenith, Elevation, Station Type. Lists stations like ISUIMI, TOKYO, ASHIKAGA, KAMOGAWACHUIRI, OTAMA, MINAMISUJICOMI, KATASHINA, YANAIZU, MARUMORI, YOKOSOKI, TATEYAMA, SHIMOB, FUJINAKANO, MATUSUHIRO, etc.

650

10d 23h:09:6.5, 4.36, 22N, 71.51E, h233km, 46km, mb3.1/5, mbmp3.7/10, Error ellipse: s-maj=56.2km s-min=35.9km az=153.0

651

2020 MAY

10d 23h

Table with columns for station code, name, frequency, power, and signal quality. Includes stations like INU Inuyama, JAB Ashibetsu, JAK Akheshi, JAR Ashorobito, etc., with various technical specifications and signal strength indicators.

WHN	comp=Z,200nm,0.9s	LR	LR					
WHN	comp=Z,23um,12.1s	LR	LR					
WHN	comp=Z,29um,15.6s	LR	LR					
LYN	comp=Z,49um,15.2s	LR	LR					
LYN	comp=Z,48nm,0.8s	LR	LR					
LYN	comp=Z,2um,7.0s	LR	LR					
LYN	comp=Z,10um,19.9s	LR	LR					
LYN	comp=Z,27um,15.8s	LR	LR					
HHC	comp=Z,37um,17.2s	LR	LR					
HHC	comp=Z,24nm,1.1s	LR	LR					
HHC	comp=Z,660nm,7.6s	LR	LR					
HHC	comp=Z,4um,14.6s	LR	LR					
HHC	comp=Z,12um,17.7s	LR	LR					
MA2	comp=Z,15um,18.2s	LR	LR					
MA2	comp=Z,71nm,0.8s, baz=201, slow=9.5, SNR=24	LR	LR					
MA2	comp=Z,5.6nm,0.6s, baz=163, slow=19, SNR=1.6	LR	LR					
MA2	comp=Z,3um,18.9s, baz=186, slow=40	LR	LR					
MA2	comp=Z,71nm,0.8s	LR	LR					
MA2	comp=Z,24.11 12	P	P	00 03 44.9	-0.7			
MA2	comp=Z,24.11 12	P	P	00 03 45.6	-0.1			
MA2	comp=Z,24.11 12	P	P	00 03 45.5	-0.1			
MA2	comp=Z,24.11 12	P	P	00 03 45.0	-0.7			
BTO2	comp=Z,3um, comp=Z,132nm,1.2s	eP	eP	00 03 53.0	+1.5			
BTO2	comp=Z,50nm,0.6s	sP	sP	00 04 04.7	+1.0			
BTO2	comp=Z,2um,7.1s	pP	pP	00 08 12.5	+1.4			
BTO2	comp=Z,10um,15.1s	sP	sP					
BTO2	comp=Z,22um,16.9s	sP	sP					
BTO2	comp=Z,30um,17.2s	sP	sP					
CNSH	comp=Z,46nm,0.9s	P	P	00 03 55.0	+0.4			
CNSH	comp=Z,3um,19.8s	S	S	00 08 19.6	+2.9			
CNSH	comp=Z,3um,18.6s	pmax	pmax					
CNSH	comp=Z,6um,21.4s	LR	LR					
YAK	comp=Z,12um,19.4s, baz=162, slow=37	LR	LR					
YAK	comp=Z,12um,21.0s	LR	LR					
YAK	comp=Z,12um,21.0s	LR	LR					
ENH	comp=Z,186nm,0.8s	IAMS_20	IAMS_20	00 15 51.4				
HKPS	comp=Z,12um,18.0s	IAMS_20	IAMS_20	00 15 51.4				
HKPS	comp=Z,12um,18.0s	IAMS_20	IAMS_20	00 15 51.4				
ULN	comp=Z,8um,20.0s	P	P	00 04 12.3	-1.8			
ULN	comp=Z,8um,20.0s	P	P	00 04 12.3	-1.8			
ULN	comp=Z,12um,20.0s	P	P	00 04 15.1	-1.7			
ULN	comp=Z,50nm,0.9s	pmax	pmax					
ULN	comp=Z,12um,20.0s	MLR	MLR					
ULN	comp=Z,12um,20.0s	P	P	00 04 14.6	-2.2			
ULN	comp=Z,12um,20.0s	P	P	00 04 14.6	-2.2			
ULN	comp=Z,12um,20.0s	P	P	00 04 14.6	-2.2			
ULN	comp=Z,12um,20.0s	P	P	00 04 15.1	-1.7			
ULN	comp=Z,12um,20.0s	P	P	00 04 15.1	-1.7			
SEY	comp=Z,7um,18.6s, baz=204, slow=40	LR	LR					
SOMN	comp=Z,7um,18.6s, baz=204, slow=40	LR	LR					
SOMN	comp=Z,53nm,0.9s, baz=108, slow=8.4, SNR=118	S	S	00 04 20.3	-0.3			
SOMN	comp=Z,6.7nm,1.3s, baz=76, slow=22, SNR=1.8	S	S	00 09 02.0	-0.2			
SOMN	comp=Z,13um,20.3s, baz=94, slow=37	LR	LR					
SOMN	comp=Z,53nm,0.9s	LR	LR					
SOMN	comp=Z,7um,18.6s, baz=204, slow=40	P	P	00 04 19.4	-1.2			
SOMN	comp=Z,7um,18.6s, baz=204, slow=40	P	P	00 04 19.4	-1.2			
SOMN	comp=Z,7um,18.6s, baz=204, slow=40	P	P	00 09 02.0	-0.2			
H11N2	comp=Z,73nm,1.0s	T	T	00 33 37.8				
H11N1	comp=Z,31.1, slow=75	T	T	00 33 47.7				
H11N3	comp=Z,31.1, slow=75	T	T	00 33 38.7				
WAKE	comp=Z,12um,20.0s	IAMS_20	IAMS_20	00 13 37.3				
SHEM	comp=Z,5um,21.4s, baz=254, slow=31	LR	LR					
GULI	comp=Z,52nm,1.9s	P	P	00 04 26.9	+1.8			
GULI	comp=Z,52nm,1.9s	pmax	pmax	00 09 09.2	-0.9			
GULI	comp=Z,5um,18.8s	LR	LR					
GULI	comp=Z,5um,18.8s	LR	LR					
GULI	comp=Z,5um,20.4s	LR	LR					
TGY	comp=Z,8um,19.0s	LR	LR					
H11S1	comp=Z,2um,20.0s, baz=62, slow=35	T	T	00 34 36.8				
H11S3	comp=Z,31.4, slow=76	T	T	00 34 30.0				
H11S2	comp=Z,31.4, slow=76	T	T	00 34 37.6				
LZH	comp=Z,30nm,1.5s	pmax	pmax					
LZH	comp=Z,560nm,4.8s	LR	LR					
LZH	comp=Z,7um,17.5s	LR	LR					
LZH	comp=Z,22um,15.8s	LR	LR					
LZH	comp=Z,30um,16.5s	LR	LR					
LZDM	comp=Z,6.3nm,0.3s, baz=116, slow=5.1, SNR=9.8	P	P	00 04 39.6	0.0			
LZDM	comp=Z,2.0nm,0.3s, baz=99, slow=20, SNR=1.9	S	S	00 09 34.5	-1.3			
LZDM	comp=Z,2.0nm,0.3s, baz=99, slow=20, SNR=1.9	LR	LR	00 17 39.9				
TLY	comp=Z,20um,18.4s, baz=65, slow=36	LR	LR					
TLY	comp=Z,3um,0.3s	P	P	00 04 43.1	-0.7			
TLY	comp=Z,3um,0.3s	P	P	00 04 42.0	-1.8			
TLY	comp=Z,3um,0.3s	P	P	00 04 42.0	-1.8			
TLY	comp=Z,3um,0.3s	P	P	00 04 42.0	-1.8			

TLY	Talaya	30.58 312	P	P	00 04 42.7	-1.1		
TLY	Talaya	30.58 312	P	P	00 04 44.2	+0.4		
TLY	Talaya	30.58 312	pP	pP	00 04 53.1	-0.4		
CD2	Chengdu	31.38 271	P	P	00 07 41.6	-0.2		
CD2	Chengdu	31.38 271	P	P	00 04 58.0	-0.3		
CD2	Chengdu	31.38 271	pP	pP	00 09 52.4	-4.0		
CD2	comp=Z,120nm,0.8s		pmax	pmax				
CD2	comp=Z,1um,7.5s		LR	LR				
CD2	comp=Z,15um,15.5s		LR	LR				
CD2	comp=Z,21um,17.1s		LR	LR				
CD2	comp=Z,20um,18.6s		LR	LR				
QIZ	Qiongzhong	32.37 246	IAMS_20	IAMS_20	00 17 51.7			
QIZ	Qiongzhong	32.37 246	P	P	00 05 00.4	+0.6		
QIZ	Qiongzhong	32.37 246	sP	sP	00 05 14.9	+1.5		
QIZ	Qiongzhong	32.37 246	S	S	00 10 13.7	+1.9		
QIZ	comp=Z,710nm,5.8s		pmax	pmax				
QIZ	comp=Z,5um,16.5s		LR	LR				
QIZ	comp=Z,4um,15.8s		LR	LR				
QIZ	comp=Z,6um,20.6s		LR	LR				
DAV	Davao City (W)	32.37 210	LR	LR	00 18 06.0			
DAV	Davao City (W)	32.37 210	IAMS_20	IAMS_20	00 17 44.2			
DAV	Davao City (W)	32.37 210	P	P	00 04 58.9	-0.9		
DAV	Davao City (W)	32.37 210	P	P	00 05 00.5	-0.7		
GA2A	Gaotai	32.52 288	eP	eP	00 05 10.3	+1.3		
GA2A	Gaotai	32.52 288	P	P	00 12 13.8	+4.5		
GA2A	Gaotai	32.52 288	SS	SSnS				
GA2A	Gaotai	32.52 288	pmax	pmax				
GA2A	comp=Z,32nm,1.1s		pmax	pmax				
GA2A	comp=Z,1um,9.5s		LR	LR				
GA2A	comp=Z,6um,17.1s		LR	LR				
GA2A	comp=Z,11um,19.4s		LR	LR				
GA2A	comp=Z,12um,19.4s		LR	LR				
PATS	Pohnpei	33.33 148	P	P	00 05 07.3	-1.0		
PATS	Pohnpei	33.33 148	P	P	00 05 08.5	+0.3		
PATS	Pohnpei	33.33 148	IAMS_20	IAMS_20	00 15 38.4			
ADK	Adak	33.57 49	IAMS_20	IAMS_20	00 16 10.7			
KM2	Kunming	34.55 262	P	P	00 05 18.7	-0.3		
KM2	Kunming	34.55 262	sP	sP	00 05 33.8	+1.2		
KM2	Kunming	34.55 262	PP	PP	00 06 39.5	+1.9		
KM2	Kunming	34.55 262	S	S	00 10 41.9	-4.0		
KM2	Kunming	34.55 262	sS	sS	00 11 06.1	+3.8		
KM2	comp=Z,58nm,1.5s		pmax	pmax				
KM2	comp=Z,950nm,9.4s		pmax	pmax				
KM2	comp=Z,8um,16.1s		LR	LR				
KM2	comp=Z,12um,16.5s		LR	LR				
KM2	comp=Z,12um,19.7s		LR	LR				
KMI	Kunming	34.56 262	pP	pP	00 05 18.5	-0.7		
KMI	Kunming	34.56 262	P	P	00 05 27.8	-1.2		
KMI	Kunming	34.56 262	Xc	Xc	00 05 35.2			
KMI	Kunming	34.56 262	P	P	00 07 54.2	+0.8		
KMI	Kunming	34.56 262	P	P	00 05 19.9	-0.7		
KMI	Kunming	34.56 262	PP	PP	00 10 40.8	+1.2		
KMI	Kunming	34.56 262	PP	PP	00 10 43.8	-5.1		
KMI	Kunming	34.56 262	pmax	pmax				
PZH	PanZhiHua	34.74 265	P	P	00 05 18.5	-0.7		
PZH	PanZhiHua	34.74 265	pP	pP	00 05 27.8	-1.2		
PZH	PanZhiHua	34.74 265	Xc	Xc	00 05 35.2			
PZH	PanZhiHua	34.74 265	P	P	00 07 54.2	+0.8		
PZH	PanZhiHua	34.74 265	P	P	00 05 19.9	-0.7		
PZH	PanZhiHua	34.74 265	PP	PP	00 10 40.8	+1.2		
PZH	PanZhiHua	34.74 265	PP	PP	00 10 43.8	-5.1		
PZH	PanZhiHua	34.74 265	pmax	pmax				
PZH	PanZhiHua	34.74 265	pmax	pmax				
PZH	PanZhiHua	34.74 265	LR	LR				
PZH	PanZhiHua	34.74 265	LR	LR				
PZH	PanZhiHua	34.74 265						

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SHL Shilong, M14K Bethel, N14K Kuskokwak Cree, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like H17K Granite Mounta, H17K Kurchatov, H17K Kurchatov, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like M18K Kurchatov Arra, E19K Redstone River, E19K Redstone River, etc.

10d 23h

Table with columns for station name, elevation, and various data points. Includes stations like SATY, A22K, O20K, H21K, etc.

2020 MAY

Table with columns for station name, elevation, and various data points. Includes stations like Q22K, E23K, I23K, TOLK, etc.

654

Table with columns for station name, elevation, and various data points. Includes stations like ILAR, P23K, D25K, G25K, etc.

655

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like HARP, HAARP, JAGI, RPSI, F26K, etc.

2020 MAY

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like RAGD, KNRA, KNERA, MESA, etc.

10d 23h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like EPYK, G30M, G30M, etc.

Table with columns: Station ID, Name, Frequency, Time, Power, Mode, and other parameters. Includes stations like S31K Pelican, SKAGW Skagway, R31K City Hall, QIS Mount Isa, etc.

Table with columns: Station ID, Name, Frequency, Time, Power, Mode, and other parameters. Includes stations like DIB, H02S1 DAWSON INLET T, AS15 Alice Springs, etc.

Table with columns: Station ID, Name, Frequency, Time, Power, Mode, and other parameters. Includes stations like MSVF Nonsavu, HAMF Hammerfest, YKAW3 Yellowknife Ar, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AK10, FCC, AK14, AK07, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Vestal, Richgr, DMT0, BLEU, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BW06, Boulder Array, PD31, Pinedale Array, etc.

Table with columns: NIE, comp, elevation, frequency, and other technical details for stations 659-975.

Table with columns: DEV, COPA, PSZ, etc., and other technical details for stations 659-975.

Table with columns: PRU, BAND, HERR, etc., and other technical details for stations 659-975.

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like W18A, 214A, UBBA, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like ECSD, KBA, MQZ, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes stations like I37A, Lemond, Waseca, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Paso Flores, Araguaiana, CPUP, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JMKM, JOGS, JMJJ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHU, BSO1, CBLJ, etc.

AFAD 11 00:07:50.1,40.34N-35.76E, h7km,2km, ML1.4, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AMSY, CKRK, TOKA, COAL, etc.

AFAD 11 00:07:50.1,40.34N-35.76E, h7km,2km, ML1.4, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JYJO, YONAGUNI, YACB, etc.

AFAD 11 00:07:50.1,40.34N-35.76E, h7km,2km, ML1.4, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MJAR, MAJO, MAJS, etc.

SSNC 11 00:35:21.5,0.3,20.02N;77.27W, h0km, MD1.3, ML0.6, Presumed earthquake, Cuba region

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

IDC 11 00:48:25.8,20.0,43.71N;148.23E, h0km, mb3.3/3, mbmp3.3/3, Error ellipse: s-maj=560.9km s-min=40.2km

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

HHC 11 00:48:25.8,20.0,43.71N;148.23E, h0km, mb3.3/3, mbmp3.3/3, Error ellipse: s-maj=560.9km s-min=40.2km

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

RSNC 11 00:37:38.2,0.0,7.7N;2.76W, h0km,3km, M2.8, mb3.9, ML2.5, MLV3.2, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DBBC, MEDEC, UREC, etc.

JMA 11 00:57:46.9,0.4,31.06N;0.05W,141.95E, h0km, n457, mb3.5/5, mbmp3.9/5, Error ellipse: s-maj=36.5km s-min=17.6km az=64.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEM2, NMR, GLVR, etc.

JMA 11 00:57:46.9,0.4,31.06N;0.05W,141.95E, h0km, n457, mb3.5/5, mbmp3.9/5, Error ellipse: s-maj=36.5km s-min=17.6km az=64.0

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

JMA 11 00:57:46.9,0.4,31.06N;0.05W,141.95E, h0km, n457, mb3.5/5, mbmp3.9/5, Error ellipse: s-maj=36.5km s-min=17.6km az=64.0

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

IDC 11 00:57:46.9,0.4,31.06N;0.05W,141.95E, h0km, n457, mb3.5/5, mbmp3.9/5, Error ellipse: s-maj=36.5km s-min=17.6km az=64.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHU2, JHU2, JHU2, etc.

IDC 11 00:57:46.9,0.4,31.06N;0.05W,141.95E, h0km, n457, mb3.5/5, mbmp3.9/5, Error ellipse: s-maj=36.5km s-min=17.6km az=64.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like F15K, F15K, F15K, etc.

11d 1h

2020 MAY

Table listing various locations and their associated data for the period May 11 to May 12, 2020. Columns include location names, codes, and numerical values.

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Table listing various locations and their associated data for the period May 11 to May 12, 2020. Columns include location names, codes, and numerical values.

11d 1h

2020 MAY

Table with columns: Station Name, Frequency, Power, Mode, and various numerical values. Includes stations like ASUD AI Ashush, WINFO Wadi Hawf, TBI Tubuai, etc.

Table with columns: Station Name, Frequency, Power, Mode, and various numerical values. Includes stations like J16K Anvik River, CHIR Chirikof Island, G16K Koyuk River, etc.

Table with columns: Station Name, Frequency, Power, Mode, and various numerical values. Includes stations like J20K Nowinta River, ELIB Princess Elisa, HOM Homer, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like KBZ, Q23K, GOF, E23K, C23K, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like G26K, I26K, SOC, MESA, C27K, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like I30M, M31M, F31M, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like MNK, SORM, KOTAN, etc.

Table with columns for station name, coordinates, and various data points. Includes stations like Y60A, PSAL, BOAB, etc.

IDC 11 01:17:38.7,0.8,26:87N;140:55E,h432km,8km,mb3.0/10, mbmp3.9/2.0, Error ellipse: s-maj=25.8km s-min=19.1km az=80.0

ISC 11 01:17:39.6,0.8,27.00N;01:140:6E;0.2,h443km,n15, s=157/17,mb3.2/1.0,Bonin Islands region

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JCJ, JCH, JHJ, etc.

IDC 11 01:51:53.5,2.8,50:94N;176:48W,h0km,mb3.4/6, mbmp3.6/8,ML3.5/2, Error ellipse: s-maj=75.9km s-min=20.8km az=171.0

NEIC 11 01:51:55.5,1.4,50:93N;0:04:176:38W;0:03:h10km,1km, mb3.6/32,ML3.3/0.3,ML3.1(AEIC), Error ellipse: s-maj=7.2km s-min=3.3km az=171.0

AEIC 11 01:51:57.2,1.6,50:93N;0:04:176:34W;0:07:h23km,4km, Error ellipse: s-maj=7.6km s-min=4.1km az=57.0

ISC 11 01:51:55.2,1.8,50:93N;0:07:176:38W;0:04, n12km,10km,n80,e1800.94,mb3.7/9, Andreanof Islands

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

Table with columns for station name, coordinates, and various data points. Includes stations like K15K, ACHA, L16K, etc.

IDC 11 02:38:20.7,0.0,32:575N;0:00:135:622E;0:00:1,h0km, GRAL 11 02:38:21.8,0.0,32:56N;35:58E,h6km,5km,MD3.6

JSO 11 02:38:21.0,0.2,33:NL2:3 6E;1,h10km,M3.8/25, MLV3.5, Hypocentre not reviewed by the ISC

AFAD 11 02:38:24.3,32:86N;35:53E,h7km,3km,ML2.9

ISC 11 02:38:20.8,0.8,32:58N;0:02:35:61E;0.03,h18km,5km, n65,i125/102,3C-4D,Dead Sea region

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MNHA, SHGL, GOLA, etc.

Table with columns: Code, Station Name, Lat, Lon, Phase ID, Time Res, h, m, s, ISC. Includes stations like GEM, UJAP, NATI, etc.

IDC 11 02:50:14.1±8.1, 24°31'N; 144°30'E, h185km, 40km, mb3.4/4, mbmp3.9/6, Error ellipse: s-maj=116.3km s-min=38.5km az=4.0

ISC 11 02:50:06.4±4.2, 23°33'N; 142°38'E, h100km, n6, a170/6, mb4.0/4, Volcano Islands region

Table with columns: Code, Station Name, Lat, Lon, Phase ID, Time Res, h, m, s, ISC. Includes stations like JCY, KRSR, MKAR, etc.

IDC 11 02:56:00.4±1.8, 6°01'S; 129°31'E, h0km, mb3.8/1, mbmp3.9/4, ML3.9/3, Error ellipse: s-maj=72.5km s-min=27.7km az=80.0

DJA 11 02:56:10.0±0.2, 6°S; 131°1'E, h101km, 5km, M4.2/19, mb5.1/5, mb4.2/9, ML3.4/1, Mw(mb)4.4/5

ISC 11 02:56:10.0±0.8, 5°67'S; 131°18'E, h100km, n23, a173/22, Banda Sea

Table with columns: Code, Station Name, Lat, Lon, Phase ID, Time Res, h, m, s, ISC. Includes stations like BNDI, SAUI, FAKI, etc.

Table with columns: Code, Station Name, Lat, Lon, Phase ID, Time Res, h, m, s, ISC. Includes stations like QIS, ASAR, ASOI, MKAR.

IDC 11 03:04:54.1±0.9, 34°18'N; 25°72'E, h0km, mb3.9/10, mbmp3.8/19, ML3.4/9, Error ellipse: s-maj=17.6km s-min=11.6km az=26.0

NEIC 11 03:04:55.5±1.6, 34°08'N; 25°65'E; 0.07, h10km, 1km, mb4.2/16, Error ellipse: s-maj=14.2km s-min=9.0km az=197.0

THE 11 03:04:56.3, 34°N; 14°2'6"E, h0km, 21km, M3.1/11, MLh3.1/11

ISK 11 03:04:56.8, 34°03'N; 25°67'E, h60km, ML3.3/26, ATH 11 03:05:00.3, 34°42'N; 25°69'E, h8km, 2km, ML3.2/7, Latitude uncertainty: 32 km; Longitude uncertainty: 15 km

AFAD 11 03:05:02.6, 34°57'N; 25°50'E, h6km, 6km, ML3.0, ISC 11 03:05:05.0±1.6, 34°13'N; 16°25'E; 0.04, h5km, 9km, n155, a188/182, mb4.1/15, Crete

Large table with columns: Code, Station Name, Lat, Lon, Phase ID, Time Res, h, m, s, ISC. Includes stations like ZKR, ZKR, ZKR, etc.

Large table with columns: Code, Station Name, Lat, Lon, Phase ID, Time Res, h, m, s, ISC. Includes stations like KIRA, BAGT, BAGT, etc.

Latitude uncertainty: 2 km; Longitude uncertainty: 1 km
ISC 11 03:09:58.8,0.9,41.16N;0.02,20.79E;0.02,h4km,7km,
n207,c1914/260,24C-13D,Albania

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Lists various seismic stations and their recorded data for the event.

Table with columns: EVR, PLNA, MAKRA, TREB, etc. Lists station names, coordinates, and other parameters for the event.

Table with columns: PCIG, THIG, THIG, THIG, etc. Lists station names, coordinates, and other parameters for the event.

MEX 11 03:14:48.8,0.5,15.29N;93.04W,h86km,9km,MD3.8,
Presumed earthquake
CATAc 11 03:14:48.6,0.15,15.5N;93.07W,h49km,8km,M3.7,
MLV3.7, Error ellipse: s-maj=12.4km s-min=3.8km
az=39,c,confirmed
GCG 11 03:14:49.2,1.7,15.21N;92.97W,h68km,33km,MD4.1,
ML3.9, Presumed earthquake
ISC 11 03:14:45.1,1.6,15.09N;0.06;93.13W;0.05,h95km,11km,
n25,c236/40,1D, Near coast of Chiapas

11d 5h

NEIC 11 04:35:57.9; 1.2, 5.5; 7S:0.1; 30.0W:0.2; h10km, 1km, mb3.4/13, Error ellipse: s-maj=26.7km s-min=17.1km az=37.0

ISC 11 04:35:57.6; 0.6, 5.5; 7S:0.1; 30.0W:0.1; h10km, n42, $\pm 107/33, mb4.3/10, MS3.3/7, 1C-3D, South Sandwich Islands region$

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

SSNC 11 04:36:06.7; 3.7, 18.95N; 80.83W, h10km, 57km, MD2.9, ML3.2, MW3.7, Presumed earthquake

JSN 11 04:36:06.2; 0.9, 19.11N; 80.62W, h0km, 54km, MD4.1, Presumed earthquake

ISC 11 04:36:04.2; 1.4, 18.93N; 0.09; 80.79W; 0.07, h10km, n17, $\pm 165/23, North of Honduras$

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists seismic stations for the Honduras event.

IDC 11 05:02:09.1; 1.1, 8.41N; 137.55E, h0km, mb3.9/9, mbmp3.8/9, MS2.9/10, Error ellipse: s-maj=39.9km s-min=23.0km az=82.0

NEIC 11 05:02:12.2; 1.0, 8.49N; 0.10; 137.4E; 0.2, h10km, 1km, mb4.2/9, Error ellipse: s-maj=31.0km s-min=15.3km az=103.0

ISC 11 05:02:15.0; 0.8, 8.4N; 0.1; 137.3E; 0.2, h35km, n40, $\pm 1504/25, mb4.0/14, MS2.8/8, Western Caroline Islands$

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists seismic stations for the Caroline Islands event.

2020 MAY

Main table of seismic events for May 2020. Columns include: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists events like KRVT, JOW, PMG, BATI, etc.

MOS 11 05:16:54.9; 43.01N; 47.01E, h10km, MPVA3.5 NORS 11 05:16:54.9; 43.00N; 47.00E, h7km, MPVA3.6

DRS 11 05:16:55.3; 43.01N; 47.03E, h6km ISC 11 05:16:55.9; 1.0, 43.05N; 0.03; 47.08E; 0.02, h8km, 7km, n25, $\pm 921/50, 1D, Eastern Caucasus$

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists seismic stations for the Eastern Caucasus event.

OSPL 11 05:18:53.3; 0.5, 19.08N; 67.68W, h0km, 8km, ML3.7, Presumed earthquake

NEIC 11 05:18:53.9; 1.3, 18.95N; 0.05; 67.86W; 0.08, h35km, 2km, ML3.2/27, MD3.6/14 (RSPR), Error ellipse: s-maj=13.6km s-min=8.8km az=280.0

RSRP 11 05:18:54.9; 19.03N; 67.81W, h27km, 27km, MD3.6/14 SDD 11 05:18:55.2; 2.0, 19.09N; 67.52W, h0km, 8km, MD3.0, ML3.0, MW2.9, Presumed earthquake, Hypocenter not reviewed by the ISC

ISC 11 05:18:53.6; 1.8, 18.98N; 0.09; 67.77W; 0.05, h23km, 16km, n42, $\pm 080/50, 10C-6D, Mona Passage$

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists seismic stations for the Mona Passage event.

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

RSNC 11 05:37:47.3; 1.0, 9.9N; 3.7W; 1.1W; 1.1W, h19km, 14km, M3.0, mb3.7, ML2.8, MLV3.6

FUNV 11 05:37:51.2; 8.73N; 71.19W, h36km, MW3.6, Presumed earthquake

IDC 11 05:37:56.2; 1.4, 8.66N; 76.88W, h0km, mb3.3/1, mbmp3.4/2, ML2.0/1, MS2.4/1, Error ellipse: s-maj=85.2km s-min=20.2km az=58.0

ISC 11 05:37:44.2; 1.1, 8.81N; 0.04; 71.10W; 0.08, h8km, n22, $\pm 1577/30, Venezuela$

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists seismic stations for the Venezuela event.

MACC Macarena, Meta 7.17 203 P Pn 05 39 29.2 -0.2
MACC S S
TEIG Tepich 20.11 306 LR Sn 05 40 49.3 -1.8

YKA comp=Z,13nm,19.0s,baz=174,slow=45
Yellowknife Arr 62.12 339 P P 05 48 06.7 +1.2

ASAR Alice Springs 151.89 235 PKIKP 05 57 40.2 -0.9
WARR Warrungarra Arr 153.04 243 PKIKP 05 57 43.8 +0.3

MEX 11 05:42:41.8:0.3,14.23N:92.66W,h24km,23km,MD3.8, Presumed earthquake

GCG 11 05:42:42.4:1.4,14.27N:92.48W,h32km,11km,MD3.5, ML3.4, Presumed earthquake

ISC 11 05:42:37.7:2.4,14.1N:0.1:92.61W,0.07,h33km,12km, n15, r140/24, Near coast of Chiapas

Code Station Name Az Phase ID Time Res
SMCA Catarina 0.89 36 i P Pn 05 42 55.9 +1.9
PATR El Naranjo 1.04 20 eP Pn 05 42 57.1 +0.8

IDC 11 05:47:24.5:1.6, 17.56S:174.99W,h297km,26km,mb3.5/5, mbtmp4.1/8, Error ellipse: s-maj=32.7km s-min=19.0km

ISC 11 05:47:22.3:0.1, 17.8S:0.2:175.2W,0.2,h256km,n8, r099/8,mb3.6/5, Tonga Islands

Code Station Name Az Phase ID Time Res
AFI Afiamalu 5.07 42 P Pn 05 48 40.5 +1.2
AFI 6.1nm,0.3s,baz=244,slow=7.3,SNR=2.1

NEIC 11 05:54:01.8:1.4, 50.84N:0.03:176.32W,0.06,h10km,1km, mb4.0/14,ML3.8/8,ML3.4(AEIC), Error ellipse: s-maj=6.9km s-min=4.8km az=127.0

AEIC 11 05:54:05.3:3.1, 50.98N:0.04:176.41W,0.06,h12km,4km, Error ellipse: s-maj=6.2km s-min=4.4km az=220.0

IDC 11 05:54:12.7:6.5, 51.25N:176.52W,h75km,50km,mb3.5/12, mbtmp3.9/14,ML3.6/2,MS2.9/6, Error ellipse: s-maj=58.0km s-min=16.8km az=6.0

ISC 11 05:54:04.7:2.7, 50.91N:0.10:176.38W,0.05, h25km,17km,n68, r190/63,mb3.9/14,MS2.9/4, Andreanof Islands

Code Station Name Az Phase ID Time Res
ETKA Kagalaska Isla 0.95 359 P Pn 05 54 22.0 +0.5
ETKA 0.9nm,0.7s,baz=127,slow=15,SNR=5.8

TAPA Tanaga Point A 1.27 316 Pn 05 54 27.3 +0.3
TASE Tanaga Southea 1.39 312 Pn 05 54 47.9 +0.6

NAO 11 06:09:07.0:1.0, 79.64N:3.65E,h10km,ML2.3 BER 11 06:09:08.6:2.7, 79.60N:3.65E,h10km,Mw3.6, ML2.3(NAO), Confirmed Earthquake

DNK 11 06:09:09.8:2.8, 79.47N:3.93E,h28km,24km,ML1.9, Presumed earthquake

KOLA 11 06:09:10.7, 79.48N:5.16E,h0km,ML2.4, Error ellipse: s-maj=41.0km s-min=22.1km az=20.0, Greenland

FCIAR 11 06:09:13.0, 79.41N:5.35E,h10km,station OMEGA has station magnitude of 3.40

ISC 11 06:09:10.4:3.5, 79.61N:0.06:5.4E,0.11,h14km,14km,n33, r139/46,1C,Svalbard region

Code Station Name Az Phase ID Time Res
KBS Kingsbay 1.41 116 eP Pn 06 09 36.5 +0.1
KBS 0.9nm,0.4s,baz=229,slow=37

K24K Donnelly Dome 20.69 40 P P 05 58 42.2 -0.4
K24K Iamb Iamb 05 58 55.1
RIDD Independent R1 21.04 40 P P 05 58 45.7 -0.8

B20K Meade River 21.18 18 P P 05 58 46.8 -0.9
B20K Iamb Iamb 05 59 07.7

DOT Dot Lake 21.33 41 P P 05 58 48.9 -0.7
DOT Iamb Iamb 05 59 10.1

B21K Ikpikpuk River 21.41 21 P P 05 58 50.0 -0.3
B21K Iamb Iamb 05 59 53.9

BBB Bella Bella 29.61 68 LR LR 06 11 23.9
YAK Yakuts 30.87 312 LR LR 06 14 45.3

H1N2 WAKE ISLAND Hy 33.81 209 T T 06 37 19.3
H1N3 WAKE ISLAND Hy 33.81 209 T T 06 37 29.1

H1N1 WAKE ISLAND Hy 33.82 209 T T 06 37 28.1
YKA Yellowknife Arr 34.45 46 P P 06 00 51.9 +2.0

YKA Yellowknife Arr 34.45 46 P P 06 00 48.1 -1.7
H1S1 WAKE ISLAND Hy 35.02 209 T T 06 38 54.1

H1S2 WAKE ISLAND Hy 35.03 209 T T 06 38 53.7
H1S3 WAKE ISLAND Hy 35.03 209 T T 06 38 53.5

KSR5 Korea Array 41.18 273 LR LR 06 12 12.7
PDAR Pinedale Array 44.99 73 P P 06 02 16.2 -1.8

PDAR Pinedale Array 44.99 73 P P 06 02 16.2 -1.8
TLY Talaya 47.59 304 LR LR 06 24 49.3

TXAR Lajitas Array 57.21 83 P P 06 03 51.5 +1.8
KURBB Kurchatov Arr 60.54 315 P P 06 04 12.3 -0.1

MKAR Makanchi Array 61.51 310 P P 06 04 18.8 -0.3
BVAR Borovoye Array 62.22 321 P P 06 04 24.5 +0.7

AAK Ala-Archa 68.32 311 P P 06 05 04.5 +0.8
AAK Aktubinsk 68.32 326 P P 06 05 07.6 +0.4

AB31 Akbulak array 69.22 324 P P 06 05 08.0 -1.0
ABKAR Akbulak array 69.22 324 P P 06 05 08.1 -0.9

KK31 Karatay Array 69.81 314 P P 06 05 11.5 -1.3
KKAR Karatay Array 69.81 314 P P 06 05 12.2 -0.5

AKASO Malin Array Be 76.44 344 P P 06 05 51.0 -0.7
AKASO Malin Array Be 76.44 344 P Iamb Iamb 06 05 51.6 -0.1

BRTR Keskin Array B 85.98 337 P P 06 06 43.1 +0.3
BRTR Keskin Array B 85.98 337 P T 06 06 42.7 -0.1

H03N2 Juan Fernandez 119.55 108 T T 08 24 41.5
H03N1 Juan Fernandez 119.56 108 T T 08 24 47.9

H03N3 Juan Fernandez 119.57 108 T T 08 24 34.9

CATAC 11 06:00:48.4:0.6, 14.1N:4.9'2W, h37km,6km, M3.4/7, ML3.4/7, Error ellipse: s-maj=9.7km s-min=4.6km az=32.2, confirmed

GCG 11 06:00:50.5:1.5, 14.14N:91.76W,h40km,29km,MD3.8, ML3.8, Presumed earthquake

ISC 11 06:00:49.7:2.6, 14.0N:0.1:91.80W,0.11,h58km,17km,n16, r172/25, Near coast of Guatemala

Code Station Name Az Phase ID Time Res
RTAL Retalhuleu 0.56 9 P Pn 06 01 00.9 -0.3
RTAL S S 06 01 10.0 -0.2

NAO 11 06:09:07.0:1.0, 79.64N:3.65E,h10km,ML2.3 BER 11 06:09:08.6:2.7, 79.60N:3.65E,h10km,Mw3.6, ML2.3(NAO), Confirmed Earthquake

DNK 11 06:09:09.8:2.8, 79.47N:3.93E,h28km,24km,ML1.9, Presumed earthquake

KOLA 11 06:09:10.7, 79.48N:5.16E,h0km,ML2.4, Error ellipse: s-maj=41.0km s-min=22.1km az=20.0, Greenland

FCIAR 11 06:09:13.0, 79.41N:5.35E,h10km,station OMEGA has station magnitude of 3.40

ISC 11 06:09:10.4:3.5, 79.61N:0.06:5.4E,0.11,h14km,14km,n33, r139/46,1C,Svalbard region

Code Station Name Az Phase ID Time Res
KBS Kingsbay 1.41 116 eP Pn 06 09 36.5 +0.1
KBS 0.9nm,0.4s,baz=229,slow=37

BRBA comp=Z,18nm,0.9s IAML 06 10 24.1
SPA0 Spitsbergen Arr 2.57 119 Pn Pn 06 09 53.2 +1.6

SPA0 baz=317,slow=11 Sn Sn 06 10 24.5 +1.9
SPA0 Spitsbergen Arr 2.57 119 Pn Pn 06 09 53.2 +1.6

SPA0 baz=305,slow=14 Sn Sn 06 10 24.5 +1.9
SPA0 Spitsbergen Arr 2.57 119 Pn Pn 06 09 53.1 +1.6

SPA0 Spitsbergen Arr 2.57 119 Pn Pn 06 09 53.2 +1.6
SPA0 Spitsbergen Arr 2.57 119 Pn Pn 06 10 24.5 +1.4

HSPB Hornsund (broa 3.33 137 Pn Pn 06 10 20.9 +0.9
HSPB Hornsund (broa 3.33 137 eP Pn 06 10 40.1 -1.2

HSPB Hornsund (broa 3.33 137 eS Pn 06 10 02.5 +0.4
HSPB IAML Sn 06 10 39.9 +1.6

comp=Z,8.2nm,0.4s HSPB Hornsund (broa 3.33 137 eP Pn 06 10 02.4 +0.4

HSPB Hornsund (broa 3.33 137 eS Pn 06 10 39.2 -2.2
HSPB Hornsund (broa 3.33 137 Pn Sn 06 10 28.4 +0.4

HSPB Hornsund (broa 3.33 137 S Sn 06 10 38.9 -2.5
NOR Nord 4.10 310 Pn Pn 06 10 06.1 -6.5

NOR Nord 4.10 310 i P Pn 06 10 07.0 -5.5
NOR Nord 4.10 310 i P Pn 06 10 07.0 -5.5

HOPEN Hopen 5.10 117 Pn Pn 06 10 27.4 +1.1
HOPEN Hopen 5.10 117 eS Pn 06 12 43.6 +6.6

HOPEN Hopen 5.10 117 Pn Pn 06 10 27.4 +1.1
HOPEN IAML eS Pn 06 11 23.9 -0.8

DAG Danmarks Havn 5.65 252 i P Pn 06 10 26.4 -7.4
DAG IAML i S Sn 06 11 22.8 -1.6

comp=Z,5.1nm,0.4s DAG Danmarks Havn 5.65 252 i P Pn 06 10 26.4 -7.4

DAG Danmarks Havn 5.65 252 i S Sn 06 11 27.8 -1.6
DAG IAML IAML Sn 06 11 27.8 -1.6

comp=Z,5.1nm,0.4s BEA1 Bear Island, N 5.96 142 Pn Pn 06 10 39.6 +1.6

BEA1 Bear Island, N 5.96 142 Pn Sn 06 11 43.8 -2.1
BEA1 Bear Island, N 5.96 142 Pn Sn 06 10 39.6 +1.6

BEAR baz=326,slow=37 Sn Sn 06 11 43.8 -2.2
ZF12 Zemlya Franca- 7.17 60 eP Pn 06 10 55.7 +1.1

ZF12 Omega 7.19 60 eS Pn 06 12 14.1 -1.7
OMEGA Omega 7.19 60 eS Pn 06 10 55.7 +0.8

comp=Z,11nm,3.0s DBG Daneborg 7.77 240 Pn Sn 06 10 55.6 -7.2

DBG Daneborg 7.77 240 i P Sn 06 12 11.8 -1.9
DBG Daneborg 7.77 240 i S Sn 06 10 56.8 -6.0

DBG Daneborg 7.77 240 i S Sn 06 12 12.6 -1.8
DBG IAML IAML Sn 06 12 16.3

comp=Z,3.9nm,0.6s DBG Daneborg 7.77 240 i P Sn 06 10 56.8 -6.0

DBG Daneborg 7.77 240 i S Sn 06 12 12.6 -1.8
DBG IAML IAML Sn 06 12 16.3

comp=Z,3.9nm,0.6s NEEM North Greenland 11.03 288 i P Pn 06 11 39.2 -8.5

NEEM North Greenland 11.03 288 i S Sn 06 13 31.1 -2.0
NEEM IAML IAML Sn 06 13 35.5

comp=Z,2.3nm,0.3s NEEM North Greenland 11.03 288 i P Pn 06 11 39.2 -8.5

NEEM North Greenland 11.03 288 i S Sn 06 13 31.1 -2.0
NEEM IAML IAML Sn 06 13 35.5

SJA 11 06:15:46.4:0.6, 21.08S:70.27W,h58km,6km,ML4.3, MW4.2

NEIC 11 06:15:47.8:1.4, 21.09S:0.03:70.37W,0.09,h44km,9km, mb4.2/6,Mw4.5(GUC), Error ellipse: s-maj=12.6km s-min=3.0km az=74.0

IDC 11 06:15:48.0:2.4, 21.06S:70.24W,h41km,24km,mb3.1/3, mbtmp3.6/7,ML3.7/4,MS2.6/1, Error ellipse: s-maj=26.0km s-min=19.6km az=58.0

GUC 11 06:15:49.2:0.8, 21.07S:70.21W,h45km,2km,ML4.2

ISC 11 06:15:45.9:1.2, 21.09S:0.03:70.47W,0.05,h28km,9km, n89, r147/102,mb4.3/5,5C-4D, Near coast of northern Chile

Code Station Name Az Phase ID Time Res
PATCX Punta Patache 0.40 48 Op ISC Pn 06 15 71.1 +1.2
PATCX Punta Patache 0.40 48 eP Pn 06 15 57.0 +1.1

11d 6h

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like IPOC Station P, Chusmiza, Chacalluta, San Pedro de A, etc.

2020 MAY

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like Tagbilaran, Musuan, Cateel, Davao, etc.

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Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like UNCR, UNCR, UNCR, etc.

MAN 11 06:40:50.0, 9.76N, 125.85E, h84km, MS3.7
NEIC 11 06:40:51.3, 1.1, 9.78N, 0.09, 125.7E, 0.2, 118km, 7km, mb4.4/22, Error ellipse: s-maj=24.8km s-min=13.1km az=82.0
IDC 11 06:40:53.6, 1.5, 9.71N, 125.58E, h143km, 15km, mb3.7/19, mbtmp4.1/20, Error ellipse: s-maj=24.4km s-min=10.9km az=71.0
ISC 11 06:40:49.4, 0.7, 9.73N, 0.03, 125.77E, 0.05, h107km, 5km, n80, r=137/99, mb4.2/30, Mindanao

MOS 11 06:43:24.2, 42.77N, 46.56E, h10km, MPVA3.8
DRS 11 06:43:24.1, 42.77N, 46.57E, h6km

NORS 11 06:43:25.6, 42.77N, 46.54E, h4km, MPVA3.8
ISC 11 06:43:25.0, 0.8, 42.78N, 0.02, 46.57E, 0.01, h11km, 6km, n72, r=111/36, 1C-2D, Eastern Causette

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like Port Moresby, Rabaul, Warramunga Arr, etc.

Table with columns: KDJ, Kajsaisay, 1.32 215, Pn, 08 35 34.1 -0.8, etc. Includes stations like Konyrilen, Taragay, Kyrgy, etc.

Table with columns: C24K, Franklin Bluff, 21.55 26, P, 08 41 18.4 -0.7, etc. Includes stations like Kavik River, Dawson, etc.

11d 8h

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

NNC 11 08:35:08.0.3, 43.20N:78.25E, h4km,3km, mb2.9, mpv3.3, Error ellipse: s-maj=3.4km s-min=2.0km az=179.0

AEIC 11 08:36:46.9.3, 52.2N:0.1:175.9W:0.1, h201km,5km, Error ellipse: s-maj=19.2km s-min=12.5km az=182.0

IDC 11 08:47:36.9.1, 1.6:24S: 129.84E, h0km, mb3.9/4, mbmp3.9/9, ML3.7/5, MS3.2/2, Error ellipse: s-maj=36.4km s-min=18.7km az=69.0

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

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

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

Table with columns: Station Name, Time, Res, Phase ID, Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res, ISC. Lists various stations like MAMV, FTIG, YAIG, etc.

Table with columns: YKA, Yellowknife Arr, 46.58 351 P, 10 56 31.0 0.0, 11 17 47.5. Includes station names like BLKN, H03N2, H03N1, etc.

IDC 11 10:49:27.8 ± 1.5, 54.62N x 162.49E, h0km, mb3.4/4, mbmp3.4/5, ML2.5/1, Error ellipse: s-maj=120.3km s-min=23.1km az=150.0

Main table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res, ISC. Lists stations like TUMD, KBTR, BZGR, etc.

Table with columns: LUWI, Luwuk, 7.56 221 Pn, 11 04 48.0 -2.3, 11 04 50.9 +0.6. Includes stations like TOLIZ, KRAI, APSI, etc.

SNET 11 11:26:23.0 ± 0.8, 13.78N x 90.87W, h48km, ML3.4, Presumed earthquake

CATAC 11 11:26:24.0 ± 0.8, 14.6°N, 6.9°W, h28km, 6km, M3.3/18, MLV3.3/18, Error ellipse: s-maj=14.7km s-min=3.6km az=19.9, confirmed

CGC 11 11:26:24.9 ± 0.9, 13.85N x 90.68W, h71km, 6km, MD4.0, ML3.9, MVV3.0, Presumed earthquake

Table with columns: Code, Station Name, Δ°, AZ°, Op, Phase ID, Time, Res, ISC. Lists stations like ESSJ, FGB, FG16, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like LOMA, ESQI, PAVA, SMCA, COEG, etc.

ADC 11 11:38:49.8, 5.7, 9.31S, 113.91E, h0km, mb3.7/3, mbmp3.8/4, ML3.8/1, Error ellipse: s-maj=124.0km s-min=79.8km az=33.0

NEIC 11 11:38:00.4, 1.2, 9.47S, 0.03:114.44E, 0.09, h9km, 10km, mb4.2/10, Error ellipse: s-maj=13.1km s-min=2.3km az=77.0

DJA 11 11:39:04.1, 0.2, 9.2, SLV4, 11.5E, h79km, 3km, MA, 2/29, mb5.7/4, mb4.0/12, MLV4, 0.29, MW(MB)5.0/4, MW(MWP)6.8/1, Mwp6.7/1

ISC 11 11:38:58.8, 0.7, 9.52S, 0.06:114.37E, 0.05, h31km, n42, e113/44, mb4.1/8, South of Bali

Main station list table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like IGBI, JAGI, DNP, RTBI, KHKI, etc.

ADC 11 11:59:48.1, 1.5, 34.90N, 26.57E, h0km, mb3.5/4, mbmp3.5/4, MS3.6/1, Error ellipse: s-maj=356.7km s-min=26.4km az=142.0

THE 11 11:59:49.3, 35.1N, 12.2E, h0km, 5km, M2.6/5, MLh2.6/5

ATH 11 11:59:50.5, 34.70N, 26.40E, h9km, 3km, ML2.8/6, Latitude uncertainty: 3 km; Longitude uncertainty: 1 km

ISC 11 11:59:48.2, 0.3, 34.67N, 0.07:26.42E, 0.05, h16km, 12km, n30, e090/39, mb3.2/3, Crete

Main station list table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like ZKR, KZR, STIA, NPS, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like KURBB, MKAR, ZALV.

ADC 11 12:08:19.2, 1.2, 34.26N, 25.91E, h0km, mb3.8/10, mbmp3.7/14, ML3.4/4, Error ellipse: s-maj=23.7km s-min=16.9km az=12.0

NEIC 11 12:08:20.5, 1.1, 34.24N, 0.03:25.89E, 0.06, h10km, 1km, mb4.0/12, Error ellipse: s-maj=9.0km s-min=5.2km az=96.0

ATH 11 12:08:24.0, 34.46N, 25.87E, h11km, 3km, ML2.9/7, Latitude uncertainty: 6 km; Longitude uncertainty: 3 km

ISC 11 12:08:21.6, 1.4, 34.36N, 0.08:25.89E, 0.04, h16km, 10km, n70, e138/75, mb3.8/12, Crete

Main station list table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like ZKR, STIA, NPS, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like ASAR, ILAR.

TAP 11 12:32:52.8, 23.65N, 120.76E, h14km, ML3.9/B, JMA 11 12:32:53.1, 0.2, 23.7N, 0.2:120.7E, 0.5, h14km, 2km, MV3.3/3, TAIWAN REGION

ISC 11 12:32:53.1, 0.8, 23.67N, 0.01:120.74E, 0.01, h16km, 5km, n157, e087/266, 34C-15D, Taiwan

Main station list table with columns: Code, Station Name, Az, El, P, Res, Time, Res, ISC. Includes stations like CHNS, WHYT, WJWS, etc.

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

TAP 11 12:35:07.5,23°65N,120°75E,h14km,ML3.5,B

JMA 11 12:35:07.2,23°7N,120°7E,0.3,120.7E,0.7,h7km,3km,

MV3.1/13,TAIWAN REGION

ISC 11 12:35:08.2,0.8,23°66N,0°11,120°74E,0°01,h17km,4km,

n158,0°08/265,9C-3D,Taiwan

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

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

BGSI 11 12:50:57.0,2.3,22°67S,25°23E,h3km,8km,ML2.0,

Presumed earthquake,Botswana

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

KRSC 11 12:56:59.5,1.4,48°90N,151°25E,h345km,28km,MI5.1

SKHL 11 12:57:01.3,0.4,49°00N,151°10E,h311km,9km,mb4.9/4,

msh5.6/5

MOS 11 12:57:01.6,0.9,49°04N,150°99E,h322km,mb4.4/32,

Error ellipse: s-maj=6.7km s-min=3.4km az=65.3

JMA 11 12:57:03.7,0.8,48°14N,152°2E,1.7,h340km,MV4.1/17,

KURILE ISLANDS REGION

NEIC 11 12:57:03.1,1.7,49°17N,0°10,150°9E,0°1,h313km,5km,

mb4.5/285,Error ellipse: s-maj=15.8km s-min=8.9km

az=139.0

ISC 11 12:57:02.6,0.4,48°97N,0°04,151°08E,0°04,h318km,3km,

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various status indicators. Includes stations like Severo-Kuril's, Kuril'sk, and Yuzh-Kuril'sk.

Table with columns: YUK, comp, pmax, pmax, and various status indicators. Includes stations like Yuzh-Kuril'sk, Yuzh-Kuril'sk, and Yuzh-Kuril'sk.

Table with columns: MA2, Magadan, Azimuth, Phase, ID, Time, Res, and various status indicators. Includes stations like Magadan, Tsel'nyy, and JANG.

11d 12h

Table with columns: ANM, comp=Z, 8.0nm, 0.7s, 27.79, 40, P, P, 13 02 23.7 +1.2, etc.

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Table with columns: N18K, Kilae Creek, 31.81, 48, P, P, 13 02 59.7 +1.8, etc.

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Table with columns: MCK, comp=Z, 1.9nm, 0.7s, 34.89, 42, P, P, 13 03 25.2 +1.0, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like GTOI Gorontalo, LUWI Luwuk, AMPA Ampana, etc.

MAN 11 13:36:24.0, 4.69N, 127.82E, h94km, MS4.8
DJA 11 13:36:26.7, 0.4, 5.1N, 3.12E, h97km, 2km, M4.7/8.0,
mB4.9/30.0, mS3.3/26.1, MS3.3/26.1, Mw(m)B4.7/26.2

IDC 11 13:36:26.2, 1.9, 4.45N, 127.74E, h110km, 18km, mb4.1/20,
m-bm1p4.4/24, MS3.0/4, Error ellipse: s-maj=22.0km
s-min=9.9km az=71.0

NEIC 11 13:36:27.1, 1.3, 4.49N, 0.08E, 127.71E, 0.09, h111km, 6km,
mb4.5/60, Err ellipse: s-maj=14.1km s-min=10.5km
az=69.0

ISC 11 13:36:25.7, 0.3, 4.53N, 0.04E, 127.74E, 0.05, h104km, n170,
r=145/176, mb4.4/49.1, C, Talud Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like SGSI Sangihe, DMMP Don Marcelino, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like SOEI Soe, JAY Jayapura, JAY Jayura, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like THZ Topouse, BVAR Borovoy Array, etc.

11d 14h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CMAR Chiang Mai Arr, FITZ Fitzroy Crossi, FITZ Tennant Creek, WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, SONM Songoing Arr, STKA Stephens Creek, STKA Kurchatov Arr, NRIK Noril'sk, OBNI Obninsk, BRTR Keskin Arr B.

IDC 11 13:59:30.2, 1.4, 1.71N, 126.46E, h0km, mb3.7/4, mbmp3.7/5, ML3.6/1, Error ellipse: s-maj=107.7km s-min=19.5km az=68.0

DJA 11 13:59:33.5, 0.2, 2.2N, 121.6E, h10km, M3.9/20, mb5.2/3, mb4.3/12, MLV3.7/20, Mw(mb)4.6/3

ISC 11 13:59:36.6, 1.0, 1.69N, 0.09, 126.41E, 0.07, h47km, n15, e1502/18, mb3.8/4, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TMTI Ternate, MNI Manado, SGTI Sangihe, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arr.

IDC 11 14:08:27.4, 1.7, 21.50S, 66.38W, h204km, 16km, mb3.6/3, mbtmp4.1/8, Error ellipse: s-maj=19.7km s-min=15.7km az=86.0

SCB 11 14:08:27.9, 1.3, 21.59S, 66.71W, h222km, 9km, ML4.3/3, Error ellipse: s-maj=5.4km s-min=3.5km az=0.0

SJA 11 14:08:28.6, 0.7, 21.57S, 66.77W, h222km, 5km, ML4.1, MW3.9

NEIC 11 14:08:29.1, 1.3, 21.51S, 0.06, 66.9W, 0.1, h241km, 11km, mb4.3/6, Error ellipse: s-maj=18.2km s-min=8.4km az=94.0

VAO 11 14:08:31.0, 0.9, 21.28S, 66.56W, h234km, 8km, mb4.3, Presumed earthquake

ISC 11 14:08:28.0, 0.6, 21.58S, 0.04, 66.78W, 0.04, h225km, 6km, n102, e1960/125, mb4.1/4, Southern Bolivia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MOCB Mochara, YJA Yavi, YJA Yavi, AF01 San Pedro de A, HJA Humahuaca, PB09 IPOC Station P, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, MKAR Makanchi Array, HILR Hailer Array B, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr.

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for G001 Chusmiza, G001 Chusmiza, G001 Chusmiza, S0EO Opoqueri, HMB0 Humberstone, HMB0 Humberstone, HMB0 Humberstone, PATCX Punta Patache, PB11 IPOC Station P, PB11 IPOC Station P, TA01 Diego Aracena, TA01 Diego Aracena, SLA San Lorenzo, TA02 Huaqueque, PB05 IPOC Station P, SOET ToroToro, AOEAE Aquile, PB16 IPOC Station P, PB16 IPOC Station P, PB16 IPOC Station P, PB16 IPOC Station P, PB14 IPOC Station P, PB14 IPOC Station P, FSA Favafrey, PB18 Visafire, BBOU La Paz, SOEJ Jacaque, BBOU La Paz, LPAZ La Paz, LPAZ La Paz, AC02 Maricunga, AC01 Pan de Azucar, G003 Copiapo, BBSO Serra de San D, BBSO Serra de San D, SIV San Ignacio, AC05 El Transito, LCO Las Campanas, PTLB Ponte de Lacer, C003 El Pedregal, CFA Coronel Fontan, CFA Coronel Fontan, VILB Vilhena, VILB Vilhena, MT13 San Alfonso, MT01 Popeta, TRCB Terra Rica, NNA Nana, NNA Nana, PTGB Petate, CPBS Capatzen Do Su, BB19B Bebedouro, SNDB Serra Nova Dou, IPMB Iperameri, TEFE Tefe, ATAH Atahualpa, VAO Valinhos, VAO Valinhos, BDFB Brasilia, BDFB Brasilia, MACA Manacapuru-AM, ITTB Itaituba, BSCB Bom Sucesso, DIAM Diamantina, JAMB Januaria, BOAV Boa Vista, GSPA South Pole Qui, TORD Torodi Ar, TORD Torodi Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, ASAR Alice Springs, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, MKAR Makanchi Array, HILR Hailer Array B, HILR Hailer Array B.

IDC 11 14:20:27.9, 1.8, 6.20S, 130.08E, h0km, mb3.2/1, mbtmp3.3/5, ML3.3/4, Error ellipse: s-maj=74.6km s-min=25.4km az=87.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SIJI Sorong, SIJI Sorong, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA Warramunga Arr.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ASAR Alice Springs, ASAR Alice Springs, MKAR Makanchi Array, MKAR Makanchi Array, IDC 11 14:30:39.7, 3.5, 2.16N, 94.89E, h0km, mb3.4/3, mbtmp3.4/4, ML4.2/1, Error ellipse: s-maj=126.4km s-min=33.0km az=59.0, NEIC 11 14:30:42.8, 1.9, 2.2N, 0.1, 95.04E, 0.10, h10km, 1km, mb4.6/7, Error ellipse: s-maj=25.1km s-min=13.4km az=206.0, DJA 11 14:30:42.2, 0.8, 2.3N, 9.5E, h10km, M3.8/19, mb5.0/3, mb4.0/4, MLV3.6/19, Mw(mb)4.3/3, ISC 11 14:30:43.4, 1.2, 2.35N, 0.07, 95.1E, 0.2, h18km, n33, e074/21, mb4.2/7, Off west coast of northern Sumatara, SINSI Sinabang, TPTI TPTI, MLSI Meulaboh, KCSI Gunungsitoli, LASI Langsa, RPSI Rantau Prapat, MNSI Mandailing Nat, PPSI Pulau Pagai, MYKOM Kota Tinggi, UGM Wanagama, H0BS2 Diego Garcia H, H0BS3 Diego Garcia H, H0BS1 Diego Garcia H, H0W1W Cape Leeuwin H, H0W1W Cape Leeuwin H, WBO Warramunga Arr, WBO Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WR8 Warramunga Arr, JNU Nakatsue, MKAR Makanchi Array, ZSLV Zalesovo Beam, H04N2 CROZET ISLANDS, H04N1 CROZET ISLANDS, H04N3 CROZET ISLANDS, H04S1 CROZET ISLANDS, H04S3 CROZET ISLANDS, H04S2 CROZET ISLANDS, ARMA Armadale, I20K Naagheadene, TAP 11 14:31:41.1, 24.63N, 122.24E, h4km, ML2.7/C, JMA 11 14:31:42.0, 0.1, 25.1N, 2.12E, 0.4, h36km, MV2.2/11, TAIWAN REGION, ISC 11 14:31:41.8, 1.0, 24.60N, 0.02, 122.25E, 0.02, h20km, 4km, n73, e084/114, Taiwan region, E0S2 E0S2, E0S3 E0S3, TWC Suao, TWC Suao, ES0A Suao, EGS EGS, EWUT EWUT, EWUT EWUT, TWB1 Santiao Chiao, TWB1 Santiao Chiao, E0S4 E0S4, E0S4 E0S4, NONG Dongshang, NDS Dongshang, TIPB Shuangxi, TIPB Shuangxi, E0A Aohua, E0A Aohua, TWE Neicheng, TWE Neicheng, SXII Grass Mountain, SXII Grass Mountain, NIoudou Nioudou, ENTT ENTT, FUSB Fushanzhiwuyua, FUSB Fushanzhiwuyua, NWF Wu-fen Shan, NWF Wu-fen Shan, YING Yungunijimaku, LATG Datong, LATG Datong, TNDU Datong Townshi, TNDU National Taiwa, TNDU National Taiwa, NWLI Wulai, NWLI Wulai, YOJ Yonaguni jima, YOJ Yonaguni jima, YOJ Yonaguni jima, YOJ Yonaguni jima, ETL Fung Village, NACB Nanchangshu, YHNB Yeheng, YHNB Yeheng, ETLH Xiulin Townshi, ETLH Xiulin Townshi, NNSB Datong, NNSB Datong, NNS Nan Shan, NNS Nan Shan, NNS Sanguang, NNS Sanguang, NSK Sanguang, NSK Sanguang, YMO1 YMO1, YMO8 YMO8, YMO8 YMO8, ZUZH Zhuzhuh, ZUZH Zhuzhuh, ANP Anpu, ANP Anpu, TWY Chenhua, TWY Chenhua, TWY Kuangyinshan, TWY Kuangyinshan, ETIS ETIS, LXIB Xiulin Townshi, LXIB Xiulin Townshi.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like WARRAMUNGA ARR, ALICE SPRINGS, ASAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like P38A Dawn, U49A Red Boiling Sp, KSU1 Kansas State U, etc.

IDC 11 14:34:02.1s3.7, 17.22Sx72.03W, h0km, mb3.6/2, mbmp3.6/3, ML3.3/1, Error ellipse: s-maj=88.0km

s-min=93, 1km az=134.0

ISC 11 14:34:12.9s1.9, 18.20S.0.08.71.2W.0.1, h35km, n15, +323/10, 1C-10, Off coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like AP01 Chacalluta, PB12 IOPC Station P, PB11 IOPC Station P, etc.

DJA 11 14:46:37.6s0.3, 4.3s2.2, 12.8E.4, h10km, M3.8/14, mB5.1/2, mb4.7/3, MLv3.4/14, Mw(mb)4.4/2, Seram

Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KRAI Karang Ratu, NLAI Namlea, BNDI Bandanaira, etc.

IDC 11 14:50:38.7s1.2, 33.86N.25.54E, h0km, mb3.7/8, mbmp3.7/17, ML3.6/8, MS2.6/2, Error ellipse: s-maj=23.5km s-min=16.5km az=13.0

Gll 11 14:50:40.3s0.3, 34.073N.0.001:25.696E.0.001, h0km, Mw3.7, confirmed

ISK 11 14:50:42.2, 34.20N.25.56E, h4km, ML3.2/18

ATH 11 14:50:43.4s0.7, 34.17N.25.58E, h12km, ML3.3/10

Longitudinal uncertainty: 4 km; Longitude uncertainty: 2 km

THE 11 14:50:53.3s5.3N.37.2E.5.3, h21km, 22km, M2.7/5, MLh2.7/5

ISC 11 14:50:40.5s2.3, 34.03N.0.007:25.61E.0.04, h8km, 13km, n78, c160/101, mb3.7/8, Crete

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

NEIC 11 14:37:20.5s2.5, 6.80S.0.08.129.80E.0.06, h112km, 5km, mb4.2/7, Error ellipse: s-maj=11.1km s-min=8.3km az=198.0

IDC 11 14:37:20.8s2.2, 6.94S.129.85E, h104km, 23km, mb3.7/5, mbmp4.2/10, Error ellipse: s-maj=33.4km s-min=17.5km az=80.0

DJA 11 14:37:22.6s0.2, 7.2S.2.13E.4, h130km, 5km, M4.4/23, mB5.0/8, mb4.1/16, MLv4.5/23, Mw(mb)4.4/8

ISC 11 14:37:19.4s0.6, 7.01S.0.05:129.94E.0.08, h104km, n46, c265/48, mb4.0/8, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like SAUI Saumlaki, BNDI Bandanaira, KRAI Karang Ratu, etc.

346A Big Creek Wild U40A Yellville HHAR Hobbs

Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like U38A Granite, RLO Rose Lookout, Z47A Carrollton, etc.

SALP Salifit YTR Yattir HMDT Nahal Hammad

Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like SALP Salifit, YTR Yattir, HMDT Nahal Hammad, etc.

Table with 5 columns: Station ID, Name, Frequency, Band, and other data. Rows include KRVT Karavat (AS076), MTSU Mount Surprise, GSI Gunungsitoli, CTJ Charters Tower, NJ2 Nanjing, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, MORW Morawa, FORT Forrest, ENH Enshi, JHJ2 Mitsune, NWA0 Narogin (SRO), BBOO Buckleboe, KRSR Korea Array, STKA Stephens Creek, STKA Stephens Creek, MJAR Matsushiro Arr, MJAR Matsushiro Arr, LZH Lanzhou, LZH Lanzhou, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, MDJ Mudanjiang, LSA BinXian, HILR Hailar Array B, HEH Heihe, SONM Songino Array, TLY Talaya, WMQ Urumqi, MVSF Nonsavu, PETK Petropavlovsk, PETK Petropavlovsk, MKAR Makanchi Array, MKAR Makanchi Array, KSH2 Kashi, KDJ Kajisay, KDJ Kajisay, YAK Yakutsk, TUWZ Tuamaina, BKZ Black Stump Fm, PLWZ Palliser, KURBB Kurchatov Arra, KURK Kurchatov, KURK Kurchatov, KKAR Karatay Array, NRIR Noril'sk, NRIR Noril'sk, AB31 Abkubal array, SPIA Saint Paul Isl, AKTO Aktyubinsk, UNV Unalaska Valle, RAR Rarotonga, GAMB Gambell, ARTI Arti, ARTI Arti, M11K Mekoryuk, TNA Tin City, K13K Kusilvak Mount, K13K Kusilvak Mount, M13K Dall Lake, SDPT Sand Point, F14K Arctic Creek, ANK Nome, CHNA Chernabura Isl, L14K Kukka Creek, L14K Kukka Creek, N14K Kuskokwak Cree, O14K Tigyuakuiwet M, M14K Bethel, S14K Fog Glacier, F15K North Star Dit, G15K Niukluk

Table with 5 columns: Station ID, Name, Frequency, Band, and other data. Rows include M15K Kasigluk River, K15K Wolf Creek Mou, K15K Wolf Creek Mou, O15K Ungalikthiuk R, N15K Kwethluk River, CHGN Chignik, C16K Lisburne Hills, H16K Elim, G16K Koyuk River, RAYN Ar Rayn, J16K Anvik River, J16K Anvik River, I17K Unalakleet, L16K Owhai River, N16K Nishlik Lake, R16K Pilot Point, M16K Timber Creek, D17K Noatak River, VYND Vanda, VYND Vanda, P16K Nushagak River, O16K Kokwok River B, RDOG Red Dog Mine, C17K DeLong Mountai, E17K Hotham Inlet, G17K Kivalik Mounta, F17K Baldwin Pennin, J17K VABM Dome, H17K Granite Mounta, R17L Mt. Peulik Vol, O17K Koliganek Bris, K17K Iditarod, CHIR Chirikof Islan, N17K Nushagak Hills, M17K Holtina River, E18K Tukpahlearik C, P17K Kvichak River, C18K Utukok River, F18K Selawik, H18K Honhosa River, G18K Tagagawik, G18K Tagagawik, L18K Granite Mounta, L18K Granite Mounta, N18K Klatae Creek, M18K Stoney River, O18K Koktuh Hills, O18K Koktuh Hills, C19K Lookout Ridge, C19K Lookout Ridge, SII Sitkinak Islan, GCSA Galena City Sc, F19K Sharuckik Mo, G19K Purcell Mount, D19K Kuna River, H19K Roundabout Mou, O19K Port Alsworth, J19K Poorman, N19K Bonanza Creek, E19K Redstone River, L19K White Mountain, OHAK Old Harbor, Q19K Cape Douglas, M19K Big River Lodg, D20K Etivluk River, F20K Avarart Lake, F20K Avarart Lake, KDAK Kodiak Island, KDAK Kodiak Island, E20K Nigu River, H20K Ananega Mo, B20K Meade River, K20K Teluk, I20K Naaghedeneel, J20K Nowitzka River, KBZ Khazab, M20K Styx River, O20K Slope Mountain, A21K Barrow, SPCR Spurr Chakacha, C21K Knifblade Rid, G21K Allakaket

Table with 5 columns: Station ID, Name, Frequency, Band, and other data. Rows include PPLA Purkepyle, B21K Ikpikpuv River, B21K Ikpikpuv River, CHUM Lake Minchumin, H21K Melozitna Rive, A22K Sinclair Lake, BRSE Bradley Lake S, B22K Teshekpuv Lake, F22K John River, L22K Petersville, BPWA Bear Paw Mtn, H22K Ishalitna Cre, M22K Willow, MLY Manley, O22K Cooper Landing, RC01 Rabit Creek A, SEW Seward, D23K Nanshuk River, G23K Bananza Creek, G23K Bananza Creek, C23K Itkilik River, C23K Itkilik River, H23K Yukon River, I23K Minto, Yukon-K, MCK Mclately, E23K Chandalar, E23K Chandalar, KNK Knik Glacier, WAT1 Susitna Watana, TOLK Toolik Lake Re, SML Sawmill, M23K Glacier View, D24K Happy Valley, WAT6 Montague Watana, E24K Your Creek, P23K Montague Islan, C24K Franklin Bluff, H24K Noodor Dome, SCM Sheep Creek Mo, DHY Denali Highway, F24K Squaw Lake, GLI Glacier Islan, POKR Poker Hat Res, G24K Hadweenciz Riv, ILAR Eielson Array, M24K Tolsona, KLU Klutina, D25K Kavik River, G25K Bearna Lake, EYAK Cordova Ski Ar, K24K Donnelly Dome, PAX Paxson, F25K Christian River, PRP Porcupine Dome, E25K Arctic Village, J25K Salcha River, HARP HAARP, RIDG Independent Ri, C26K Camden Bay, BMRM Bremner River, KAIM Kayak Island, F26K Sheenjek River, SCRK Sand Creek, G26K Porcupine Rive, C27K Jago River, C27K Jago River, L26K Log Cabin Wild, M26K Nabesna, AK, MCARA McCarty VSAT, E27K Coleen River, G27K Doyon Strip, I27K Kandik River, H27K Steamboat Moun, L27K Beaver Creek, L27K Beaver Creek, M27K Edge Creek, AK, MESA MESA, D27M Malcolm River, BVCY Beaver Creek, F28M Old Crow, E28M Babbage River, I28M Miner Creek, YUK3 Moose Creek, D28M Stokes Point

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Power, Mode, and other technical details. Includes stations like O28M Mount Upton, P15W Pinnacle, DAWM Dawson, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Power, Mode. Includes stations like ASAR Alice Springs, ASAR Alice Springs, WBO Warramunga Arr, etc.

ADC 11 16:25:43.74.1.1, 50.52N; 90.79E, h0km, mb3.6/6, mbmp4.0/5, Error ellipse: s-maj=19.4km s-min=12.9km az=17.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Mode, Time, Res. Includes stations like TEL Teeli, CUR Chagan-Uzun, ULGR Ulagan, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Power, Mode, and other technical details. Includes stations like MOY Mondy, MAKZ Makanchi, MAZK Kurchatov, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, Mode, Time, Res. Includes stations like SCB 11 16:26:01.7, MOCB Mochara, etc.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Frequency, Power, Mode, and other technical details. Includes stations like CATAC 11 16:50:14.2, INTIP Intipuca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like TECA, TECO, ALCALDIA DE TE, etc.

11d 17:50:22.7-1.5, 6.61S; 104.18E, h0km, mb3.7/1, mbmp3.7/12, ML4.4/2, MS2.6/1, Error ellipse: s-maj=57.1km s-min=14.5km az=49.0

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

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

11d 17:00:25.2-1.2, 3.38S; 128.61E, h0km, mb3.4/3, mbmp3.6/6, ML3.4/3, Error ellipse: s-maj=43.2km s-min=23.5km az=81.0

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

11d 17:14:34.3-0.8, 4.66N; 153.36E, h0km, mb3.6/14, mbmp3.6/16, ML2.5/2, MS2.8/5, Error ellipse: s-maj=24.8km s-min=18.3km az=137.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like H11N2, H11N1, H11N3, etc.

NEIC 11 17:52:04.0-2.3, 3.34S; 0.06-151.76E; 0.07, h5km, 4km, mb4.4/29, Error ellipse: s-maj=10.9km s-min=8.0km az=55.0

11d 17:52:04.1-0.9, 3.36S; 151.68E, h0km, mb3.9/11, mbmp4.0/12, ML2.1/1, MS3.3/26, Error ellipse: s-maj=27.6km s-min=16.9km az=105.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KDAK, TXAR, G18K, J20K, G19K, MKAR, MKAR, F19K, E19K, ZALV, ZALV, D19K, RND, D20K, BMRM, B20K, ILAR, ILAR, ILAR, ILAR, J25K, B22K, D23K, F24K, M27K, L27K, BCAR, DLBC, NEW, SPB, TORO, TORO.

NEIC 11 18:16:47.4±1.6, 20.2S:0.1x177.7W:0.1, h505km, 9km, mb4.5/27, Error ellipse: s-maj=22.2km s-min=4.3km az=141.0

IDC 11 18:16:50.3±2.0, 20.26S:177.83W, h538km, 21km, mb3.3/9, mbmp4.1/11, Error ellipse: s-maj=21.0km s-min=17.9km az=111.0

ISC 11 18:16:52.6±0.6, 20.2S:0.1x178.0W:0.1, h569km, n53, r154/52, mb4.4/22, Fijl Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF, MSVF, AFI, AFI, MARNC, MARNC, DZM, DZM, ONTNC, ONTNC, RTZ, RTZ, MRZ, MRZ, BHW, BHW, QNZ, QNZ, NNZ, NNZ, THZ, THZ, LTZ, LTZ, WHZ, WHZ, EIDS, EIDS, ARMA, ARMA, CTAO, CTAO, TOO, TOO, STKA, STKA, INKA, INKA, BBOO, BBOO, WRA, WRA, AS31, AS31, ASAR, ASAR, ASAR, ASAR, WRA, WRA, MTN, MTN, FORT, FORT, KNRA, KNRA, FITZ, FITZ, MORW, MORW, GIRL, GIRL, CASY, CASY, QSPA, QSPA, MJAR, MJAR, MJAR, MJAR, TXAR, TXAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TXAR, TXAR, ILAR, ILAR, PDAR, PDAR, PDAR, PDAR, CMAR, CMAR, UCCT, UCCT, BRTR, BRTR, MMAL, MMAL.

IDC 11 18:27:41.6±2.6, 2.89N:129.04E, h0km, mb3.4/4, mbmp3.4/4, Error ellipse: s-maj=21.3km s-min=22.8km az=69.0

DJA 11 18:27:46.7±0.2, 2.9N:3.12E, h12km, 4km, M3.9/14, mb4.3/7, mb5.1/3, MLV3.6/14, Mv(m)B4.5/3

ISC 11 18:27:48.8±1.0, 2.90N:0.10E, h127.93E:0.08, h35km, n11, r0573/11, mb3.4/4, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TNTI, TNTI, SWI, SWI, GTOI, GTOI, BIPH, BIPH, BAKI, BAKI, WRA, WRA, ASAR, ASAR, MKAR, MKAR, KURBB, KURBB, JMA, JMA, WESTERN NAGANO PFS, WESTERN NAGANO PFS, IDC 11 18:48:17.0±0.9, 35.78N:137.58E, h240km, 15km, mb2.9/4, mbmp3.5/4, Error ellipse: s-maj=62.6km s-min=22.6km az=69.0

ISC 11 18:48:17.0±0.9, 35.93N:0.1x137.73E:0.09, h250km, n13, r0573/16, mb2.8/4, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JYN, JYN, MAT, MAT, MJAR, MJAR, MJAR, MJAR, KURBB, KURBB, WRA, WRA, FINES, FINES.

NEIC 11 19:17:46.3±1.7, 15.96S:0.0975E:1.1W:0.1, h19km, 6km, mb4.6/3, Error ellipse: s-maj=22.6km s-min=9.7km az=61.0

IDC 11 19:17:52.8±2.4, 15.67S:75.02W, h68km, 22km, mb3.6/3, mbmp3.8/8, MS3.1/6, Error ellipse: s-maj=31.3km s-min=12.4km az=43.0

ISC 11 19:17:47.8±0.8, 15.98S:0.07x75.24W:0.09, h30km, n45, r1977/35, mb4.4/4, Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNA, NNA, NNA, NNA, AP01, AP01, PB02, PB02, PB07, PB07, PB03, PB03, PB09, PB09, PB05, PB05, PB06, PB06, ATAH, ATAH, ATAH, ATAH, PB14, PB14, SIV, SIV, SIV, SIV, CFA, CFA, H03N1, H03N1, H03N2, H03N2, H03N3, H03N3, SDV, SDV, BDFB, BDFB, MDP, MDP, TXAR, TXAR, U49A, U49A.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like U49A, U49A, T47A, T47A, QSPA, QSPA, TORD, TORD, H1N3, H1N3, H1N2, H1N2, H1N1, H1N1, H1S2, H1S2, H1S1, H1S1, H1S3, H1S3, SONM, SONM, SONM, SONM, IDC 11 19:25:11.5±1.0, 2.67S:139.09E, h0km, mb3.5/5, mbmp3.6/6, ML3.5/1, Error ellipse: s-maj=23.0km s-min=13.1km az=172.0, DJA 11 19:25:19.3±0.4, 3.5S:4.13E, h56km, 11km, M4.2/13, mb5.9/2, mb4.5/7, Mlv4.0/13, Mv(m)B5.5/2, ISC 11 19:25:17.5±2.9, 0.1S:139.23E:0.07, h46km, n15, r169/16, mb3.8/5, Near north coast of Irian Jaya, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GENI, GENI, WAMI, WAMI, JAY, JAY, JAY, JAY, SRPI, SRPI, BAKI, BAKI, FAKI, FAKI, SIJU, SIJU, WRA, WRA, FITZ, FITZ, FITZ, FITZ, ASAR, ASAR, CN2, CN2, MKAR, MKAR, BVAR, BVAR, ILAR, ILAR, IDC 11 19:30:55.6±0.9, 31.75N:141.10E, h0km, mb3.7/8, mbmp3.7/10, ML3.1/2, Error ellipse: s-maj=31.9km s-min=15.4km az=70.0, JMA 11 19:31:02.9±0.6, 32.1N:2.14E, h26km, MV3.6/37, E OFF HACHIOJIMA ISLAND, ISC 11 19:31:02.4±0.3, 31.84N:0.05:141.12E:0.10, h57km, n27, r179/30, mb3.8/3, Southeast of Honshu, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JAOM, JAOM, HJCI, HJCI, HJH, HJH, HJH, HJH, JMYK, JMYK, BSO1, BSO1, JKO, JKO, GS03, GS03, JIM2, JIM2, JOD2, JOD2, JYN, JYN, JIE, JIE, CBJ, CBJ, JCJ, JCJ, JCJ, JCJ, MJAR, MJAR, MJAR, MJAR, H1S1, H1S1, H1S1, H1S1, H1S2, H1S2, SONM, SONM, ZALV, ZALV, MKAR, MKAR, KURBB, KURBB, WRA, WRA, BVAR, BVAR, ILAR, ILAR, ASAR, ASAR, TXAR, TXAR, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 11 19:53:43.3±1.2, 44.69N:148.00E, h0km, mb3.7/9, mbmp3.7/9, Error ellipse: s-maj=32.9km s-min=28.6km az=178.0, MOS 11 19:53:54.4±1.6, 44.74N:148.18E, h117km, mb3.9/9, Error ellipse: s-maj=11.2km s-min=9.4km az=80.4, SKHL 11 19:53:56.8±0.3, 44.70N:147.90E, h121km, 8km, mb4.9/4, msh5.6/4, ISC 11 19:53:56.4±0.8, 44.82N:0.08:147.99E:0.08, h116km, 5km, n50, WAT27/53, mb3.7/15, 4C-3D, Kuril Islands, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Kuril'sk, KUR, K22A, LAO, RLMT, PD31, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like Black Hills Casper, LAO, RLMT, PD31, etc.

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

IDC 11 19:59:02.7-1.0, 43.36N-105.16W, h0km, mb3.8/1, mbtmp3.5/5, ML3.5/4, MS2.4/1, Error ellipse: s-maj=46.8km

DJA 11 20:07:03.0-0.3, 2.2N-12.8E, h10km, M3.9/21, mb4.2/9, ML3.8/21, Northern Molucca Sea

IDC 11 20:08:12.4-7.6, 7.72S-128.05E, h116km, mb3.0/1, mbtmp3.7/5, ML3.7/4, Error ellipse: s-maj=72.4km

Table with columns: Code, Station Name, Az, El, P, Q, Time, Res, ISC. Includes stations like Kukua Creek, K17K, K17K, K17K, etc.

NCEDC 11 20:26:07.4+0.8, 38.006N, 0.009:118.70W, 0.01, h=1km, Error ellipse: s-maj=1.7km s-min=1.2km az=106.0

REN 11 20:26:08.0+0.8, 38.00N, 0.01:118.70W, 0.02, h=6km, 4km, Error ellipse: s-maj=2.5km s-min=1.3km az=114.0

NEIC 11 20:26:07.6+0.8, 38.01N, 0.01:118.72W, 0.02, h=5km, 5km, ML3.3/136, ML3.3/(REN), Mw3.5/3(NCEDC), Error ellipse: s-maj=2.5km s-min=1.4km az=117.0, California-Nevada border region

Table with columns: Code, Station Name, Az, El, P, Q, Time, Res, ISC. Includes stations like LHV, Little Hantoon, LHV, Little Hantoon, etc.

Table with columns: Code, Station Name, Az, El, P, Q, Time, Res, ISC. Includes stations like MPK, Martis Peak, CWC, Cottonwood Cre, PAHR, Pah Rah Range, etc.

IDC 11 20:33:19.4+2.2, 23.21S, 179.02W, h0km, mb4.1/4, mbmp4.1/4, Error ellipse: s-maj=53.7km s-min=40.7km az=37.0

NEIC 11 20:34:06.2+1.7, 24.9S, 0.1:179.0W, 0.2, h462km, 11km, mb4.3/18, Error ellipse: s-maj=24.8km s-min=17.4km az=73.0

ISC 11 20:34:05.9+0.9, 24.70S, 0.008:179.2W, 0.1, h450km, n49, c178/45, mb4.1/4, South of Fiji Islands

Table with columns: Code, Station Name, Az, El, P, Q, Time, Res, ISC. Includes stations like RIZ, Raoul Island, RAO, Raoul Island, etc.

Table with columns: Code, Station Name, Az, El, P, Q, Time, Res, ISC. Includes stations like PUZ, Puketiti, MWZ, Matawai, URZ, Urewera, etc.

DJA 11 20:51:57.0+0.4, 10.54N, 111.4E, h10km, M3.9/24, mB5.4/1, mb4.1/6, MLV3.8/24, Mw(mB)4.9/1, South of Bali

Table with columns: Code, Station Name, Az, El, P, Q, Time, Res, ISC. Includes stations like JAGI, Jajag, Banyuw, Denpasar, etc.

NEIC 11 20:54:52.3+1.0, 19.10N, 104.67:70W, 0.04, h10km, 1km, ML3.0/37, MD3.4/14(RSPR), Error ellipse: s-maj=9.4km s-min=4.1km az=222.0

RSPR 11 20:54:55.2, 19.07N, 67.80W, h10km, 31km, MD3.4/14, ISC 11 20:54:53.8+1.6, 19.04N, 0.008:67.72W, 0.04, h15km, 10km, n53, c091/61, 10C-8D, Mona Pass

Table with columns: Code, Station Name, Az, El, P, Q, Time, Res, ISC. Includes stations like IDE, Isla Desecheo, IDE, Isla Desecheo, etc.

11d 21h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for various stations.

IDC 11 20:56:13.9,4.0,35.76N;25.95E,h103km,49km,mb3.1/2,mbtmp3.4/4,Error ellipse:s-maj=72.2km s-min=26.0km az=3.0

ISK 11 20:56:15.6,36.20N;25.97E,h88km,ML2.7/2.0 THE 11 20:56:16.7,36.2N;2.2.6E;h90km,3km,M2.9/26,MLH2.9/26

ATH 11 20:56:16.2,36.17N;25.99E,h94km,1km,ML3.2/1.1, Latitude uncertainty: 0 km Longitude uncertainty: 0 km

ISC 11 20:56:15.7,0.9,36.17N;0.003;25.99E;0.03,h95km,7km,n116,e085/138,Dodecanese Islands

Main table listing station codes, names, and various parameters for stations across the Dodecanese Islands.

2020 MAY

Table listing station codes, names, and various parameters for stations in the SJA region.

SJA 11 21:20:57.0,7.32,075.68,60W,h113km,2km,ML3.4, MW3.5,Mendoza Province

ZON Zonda 0.53 352 eP S Pn 21 21 15.7 +0.5

SJA San Juan 0.54 3 eP S Pn 21 21 16.1 +0.8

CFA Coronel Fontan 0.56 33 eP S Pn 21 21 15.9 +0.5

ASAL Salagasta 0.56 201 eP S Pn 21 21 16.1 +0.6

RTLS Leoncito 0.65 294 eP S Pn 21 21 17.1 +0.7

ARCO Cerro Villicun 0.75 8 eP S Pn 21 21 12.2 -4.7

ARCO CERRO ARCO 0.82 200 eP S Pn 21 21 32.2 +0.9

AAGR Agrelo 1.03 191 eP S Pn 21 21 20.4 +0.8

ACAN Cantantal 1.21 100 eP S Pn 21 21 22.1 +0.7

AVIZ Vicacheras 1.40 177 eP S Pn 21 21 24.8 +1.2

ACCO Cerro Coronel 1.53 345 eP S Pn 21 21 26.8 +1.3

AVFE Valle Fertil 1.71 35 eP S Pn 21 21 28.2 +0.9

VA03 San Esteban 1.79 247 eP S Pn 21 21 29.5 +1.2

MT08 Bocatomora 1.82 221 eP S Pn 21 21 30.5 +1.7

MT04 Ro Olivares 1.86 224 eP S Pn 21 21 30.6 +1.2

ACHE Chepes 1.88 62 eP S Pn 21 21 25.0 -4.6

AROD Roddeo 2.04 338 eP S Pn 21 21 33.3 +1.6

PEL Peidehue 2.06 238 eP S Pn 21 21 32.2 +0.6

MT03 Universidad Ad 2.15 228 eP S Pn 21 21 34.0 +1.2

CO03 El Pedregal 2.17 304 eP S Pn 21 21 34.6 +1.5

MT13 San Alfonso 2.19 220 eP S Pn 21 21 34.6 +1.2

CO02 Combarbal 2.23 292 eP S Pn 21 21 34.4 +0.5

MT05 Rencia 2.23 233 eP S Pn 21 21 34.9 +1.0

MT02 Curacav 2.45 240 eP S Pn 21 21 36.2 -0.4

CO01 Juntas del Tor 2.45 328 eP S Pn 21 21 39.0 +2.1

MRA San Martin 2.46 99 eP S Pn 21 21 36.1 -0.8

GO04 Tololo Observa 2.67 314 eP S Pn 21 21 40.6 +0.9

VA01 Torpederas 2.75 249 eP S Pn 21 21 41.3 +0.9

MT01 Popeta 2.86 231 eP S Pn 21 21 41.2 -0.7

ACLC CERRO LA CRUZ 2.99 29 eP S Pn 21 21 44.6 +0.7

BO01 Tunca 3.12 221 eP S Pn 21 21 44.9 -0.4

BO02 Sierra Bellavi 3.27 213 eP S Pn 21 21 48.5 +1.0

Table listing station codes, names, and various parameters for stations in the LCO and TINOGASTA regions.

IDC 11 21:54:27.6;35.0,17.05S;178.36W,h594km,49km,mb3.2/3,mbtmp4.2/4,Error ellipse:s-maj=664.1km

ISC 11 21:54:30.8;0.9,17.5S;0.4;178.69W;0.05,h589km,23km,mb4.2/1.0,Error ellipse:s-maj=52.5km s-min=6.9km az=177.0

ISC 11 21:54:30.1;1.4,17.5S;0.2;178.6W;0.2,h600km,n19,e111/19,mb4.2/9,Fiji Islands region

Main table listing station codes, names, and various parameters for stations in the FUGATOGA and WARRAMUNGA regions.

NEIC 11 21:59:02.6;0.6,18.889N;0.006;155.220W;0.02,h10km,2km,ML3.9/40,ML3.9/32(HVO),Error ellipse:s-maj=3.4km s-min=2.9km az=282.0

HVO 11 21:59:03.1;0.7,18.88N;0.02;155.22W;0.02,h11km,9km,Error ellipse:s-maj=3.3km s-min=2.0km az=120.0

IDC 11 21:59:10.3;18.0,20.14N;155.24W,h0km,mb3.5/4,mbtmp3.5/4,Error ellipse:s-maj=363.2km s-min=58.9km az=36.0

ISC 11 21:59:03.6;1.7,19.02N;0.009;155.25W;0.05,h29km,7km,n42,e078/58,mb3.5/4,Hawaiian Islands

Main table listing station codes, names, and various parameters for stations in the HAWAIIAN ISLANDS region.

Table listing station codes, names, and various parameters for stations in the HAWAIIAN ISLANDS region.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like PIRO, CMIG, HBVL, 833A, BRDY, etc.

NEIC 11 22:52:12 7.0, 7.1, 181.90N, 0.03, 155.22W, 0.03, h10km, 2km, ML3.9/40, ML3.9/38(HVO), Error ellipse: s-maj=6.5km s-min=3.1km az=322.0

IDC 11 22:52:12 4.2, 2.0, 181.99N, 155.43W, h0km, mb3.6/4, mbmp3.6/4, Error ellipse: s-maj=87.2km s-min=3.4km az=134.0

HVO 11 22:52:13 2.0, 181.88N, 0.02, 155.22W, 0.02, h11km, 9km, Error ellipse: s-maj=3.3km s-min=1.8km az=122.0

ISC 11 22:52:16.0, 1.0, 19.10N, 0.06, 155.29W, 0.04, h29km, 4km, n41, c1918/62, mb3.6/4, Hawaiian Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like HTC, HLP, HLU, HPO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like POHA, POHA, POHA, etc.

NEIC 11 22:53:27 2.2, 2.1, 171.7N, 0.1, 179.69W, 0.05, h96km, 4km, mb4.3/12, ML4.2/14, ML4.2/AEIC, Error ellipse: s-maj=15.6km s-min=4.7km az=176.0

AEIC 11 22:53:27 2.2, 2.1, 171.7N, 0.1, 179.69W, 0.05, h90km, 2km, Error ellipse: s-maj=13.3km s-min=3.8km az=169.0

IDC 11 22:53:28 9.2, 0.5, 194N, 179.69W, h110km, 16km, mb3.8/24, mbmt3.4/27, MS3.0/5, Error ellipse: s-maj=17.6km s-min=1.1km az=166.0

ISC 11 22:53:27 1.0, 6.5, 171.7N, 0.08, 179.68W, 0.03, h97km, 5km, n233, c1912/208, mb4.3/70, 1C, Andreanof Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Rows include stations like CERRA, CERRA, CERRA, etc.

Table with columns: BILL, BILIBINO, 17.76 343, P, Pn, Iamb, Jamb. Rows include stations like BILIBINO, BILIBINO, BILIBINO, etc.

11d 23h

Table of seismic stations including Pinar del Array, Hu-ho-hao-te, North Rim, Mesa Verde, etc. Columns include station name, coordinates, and various parameters.

2020 MAY

ISK 11 22:55:01.1, 34.13N; 25:56E, h5km, ML3.2/20
Gll 11 22:55:04.2, 0.0, 33.902N; 0.002:25.866E; 0.001, h0km,
Mws3.5, confirmed

Main table of seismic events with columns for Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC/Residual/ISC values.

704

FINES FINESS Array B 27.35 1 P P 23 00 46.0 -0.6
TORD Torodi Arr Be 30.11 232 P P 23 01 12.3 +0.8

Table of seismic stations including ZAKROS, NEAPOLIS, ANOYIA, etc. Columns include station name, coordinates, and various parameters.

IDC 11 23:02:43.5, 0.9, 34.04N; 25.60E, h0km, mb3.8/13,
mbTm3.8/22, ML3.3/7, Error ellipse: s-maj=19.7km
s-min=13.9km az=12.0

Table of seismic events with columns for Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC/Residual/ISC values.

IDC 11 22:55:01.1, 1.1, 34.13N; 25.48E, h0km, mb3.7/8,
mbTm3.7/14, ML3.0/5, Error ellipse: s-maj=20.9km
s-min=15.6km az=11.0

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GVD, VAM, CHNB, IMMV, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ILAR, HEL, UPP, DUNU, MASU, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like YJA, YVA, HJA, HJA, etc.

Table with columns: KURS, Kuram, 1.17 313 P, Pb, 23 27 59.4 -1.0, BUTP Butuan, 1.72 313 P, Pn, 23 33 39.0 +0.5

GCG 11 23:28:10.8 1.4, 13.87N:91.56W, h14km, 89km, MD4.1, ML4.0, MW3.3, Presumed earthquake

CATAC 11 23:28:12.5 0.5, 14.1N:91.17W, h11km, 2km, M3.6/17, MLV3.6/17, Error ellipse: s-maj=6.8km, s-min=2.9km

ISC 11 23:28:11.5 2.4, 13.88N:0.09:91.33W, m0.07, h1km, 13km, n25, o63/39, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Op, Phase, Time, Res, STG5 El Palmer, Qui, 0.52 358 P, Pn, 23 28 25.7 -0.5

IDC 11 23:33:04.2 0.6, 7.79N:126.72E, h0km, mb4.3/26, mbmp4.3/27, ML4.1/1, MS3.7/36, Error ellipse: s-maj=24.8km, s-min=13.3km, az=76.0

MAN 11 23:33:07.0, 7.93N:127.19E, h20km, MS4.8, BUI 11 23:33:07.7, 7.36N:127.09E, h73km, mb4.8/11, Ms4.3/3, Ms7.4/0.4

NEIC 11 23:33:11.0 1.4, 7.81N:0.09:126.7E:0.1, h43km, 7km, mb4.7/152, Error ellipse: s-maj=14.6km, s-min=13.1km, az=69.0

DJA 11 23:33:12.6 1.6, 8.14N:127.2E, h68km, 14km, M4.8/28, mb5.3/13, mb4.7/28, MLV5.0/10, Mw(mbB)4.7/13, MwMwp5.1/1, Mwps3.1

ANF 11 23:33:20.7 0.1, 8.80N:127.19E, h69km, 1km, Error ellipse: s-maj=5.4km, s-min=3.2km, az=103.0

ISC 11 23:33:11.1 1.0, 7.79N:126.89E:0.07, h49km, 9km, n467, o157/447, mb4.6/104, MS3.7/33, C1, Mindanao

Table with columns: Code, Station Name, Az, Op, Phase, Time, Res, CDOP Cateel, Davao, 0.65 270 P, Pn, 23 30 21.1 -0.5

Table with columns: BUTP Butuan, 1.72 313 P, Pn, 23 33 39.0 +0.5, BUKP Musuan, 1.81 273 P, Pn, 23 33 45.3 +3.6, KCP Kidapawan, 1.94 247 P, Pn, 23 33 44.9 +3.2

Table with columns: ZALV Zalesovo Beam, 57.09 332 P, P, 23 42 50.9 -1.4, AAK Ala-Archa, 57.52 316 LR, LR, 23 40 06.55.0, KURK Kurchatov, 58.45 326 P, P, 23 43 01.0 -1.0

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like Utukok River, Koliganek Bris, Nushagak Hills, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like Tanana, John River, Bradley Lake S, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like KOPT, BMAR, RIDG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Hart River, Bunyan, Haines Junction, Minto, Yukon, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Zalesovo Beam, Kurchatov Arra, Borovoye Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Taragay, Kyrgy, Kajisay, Saty, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Cateel, Davao, Bislig, Tandag City, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Calabor, Beja, Messejana, Cabril, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Palu, Tarakan, Ampang, Mamuju, etc.

s-min=12.7km az=43.0
ISC 12 00:02:24.9-1.7, 12.03N-0.05:88.44W,0.04,h17km,11km,
n34,+136/54,mb3.5/3,Of coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Cosiguina Volc, Loma Larga, Universidad Ca, etc.

GUC 12 00:02:42.8-0.3,33.32S-72.41W,h20km,ML2.8,2C-1D,
Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Torpederas, Curacav, Popeta, etc.

comp=E,140nm,0.7s
BO02 Sierra Bellavi 2.00 138 eP Pn
MT08 Bocatoma Ro 2.01 94 eP Pn
IDC 12 00:15:26.5-1.1,35.78N;141.14E,h0km,mb3.7/11,
mbmp3.8/14,ML3.8/3,MS2.8/5,Error ellipse:
s-maj=29.0km s-min=16.6km az=69.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Sammumatsuo, Itakohorinouch, Chibachonan, etc.

IDC 12 00:52:0.2-0.7,8.28S;116.21E,h0km,mb3.8/12,
mbmp4.0/17,ML4.1/5,MS3.7/39,Error ellipse:
s-maj=17.3km s-min=11.7km az=51.0
DJA 12 00:20:53.2-0.2,8.3S;3.17E,h10km,ML4.7/38,mb5.2/7,
mb4.8/15,MLv4.9/38,Mw(mb)4.5/7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Kahang-Kahang, Taliwang, Singaperbangsa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Yogyakarta, Maumere, Mamuju, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details. Includes stations like ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details. Includes stations like HVO 12 01:46:26.0, 9.18, 92N, 0.03-155, 16W, 0.02, h0km, 8km, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details. Includes stations like GAKI Gareloi-Kavalg, GAEA Gareloi East, GAEA Gareloi East, etc.

HVO 12 01:44:08.5, 0.9, 18, 93N, 0.04-155, 21W, 0.02, h0km, 9km, Error ellipse: s-maj=5.1km s-min=2.1km az=153.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details. Includes stations like HLP Hilina Pali, HLP Hilina Pali, HLP Hilina Pali, etc.

12C 12 01:53:57.2, 1.5, 31, 33N, 96.91E, h0km, mb3.2/3, mbtm3.2/5, ML3.5/2, MS2.9/1, Error ellipse: s-maj=7.1km s-min=2.4km az=61.0, Xizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details. Includes stations like SONM Songoing Array, SONM Songoing Array, SONM Songoing Array, etc.

12C 12 01:54:17.2, 1.2, 0.51, 32N, 176.45W, h0km, mb3.9/10, mbtm3.9/11, ML4.1/1, MS3.1/7, Error ellipse: s-maj=5.6km s-min=1.9km az=179.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station details. Includes stations like KODAK Kodiak Island, KODAK Kodiak Island, KODAK Kodiak Island, etc.

IDC 12 02:00:57.1-0.7, 44.23N:114.96W, h0km, mbmp2.8/5, ML2.9/5, Error ellipse: s-maj=9.6km s-min=6.4km az=85.0

ISC 12 02:00:57.5-0.8, 44.30N:114.98W, h0.04, h11km, n29, s=1861/27, Western Idaho

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Hailey, Pearl Lake, Camas Ranch, Bear Canyon, etc.

IDC 12 02:04:47.5-21.0, 18.80N:155.22W, h0km, mb3.2/3, mbmp3.2/3, Error ellipse: s-maj=41.5km s-min=62.4km az=35.0

NEIC 12 02:04:47.1-1.1, 18.86N:102.155.18W, h0.02, h10km, 2km, ML3.9/36, Error ellipse: s-maj=5.2km s-min=3.0km az=31.0

ISC 12 02:04:48.8-1.7, 19.39N:101.155.27W, h0.09, h10km, n24, s=856/19, mb3.3/3, Hawaiian Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Hilina Pali, Pauahi, Kane Nui o Ham, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Eielson Array, Lajitas Array, Juan Fernandez, etc.

IDC 12 02:06:34.6-6.3, 20.27S:176.33W, h0km, mb3.9/2, mbmp3.9/2, Error ellipse: s-maj=325.7km s-min=92.7km az=155.0

NEIC 12 02:06:36.9-1.3, 20.80S:176.21W, h0.08, h10km, 1km, mb4.5/10, Error ellipse: s-maj=41.9km s-min=7.0km az=345.0

ISC 12 02:06:35.7-0.8, 20.99S:104.176.2W, h0.1, h10km, n16, s=959/17, Fiji Islands region

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

IDC 12 02:13:05.8-1.9, 0.45N:126.17E, h0km, mb3.3/4, mbmp3.4/4, Error ellipse: s-maj=200.5km s-min=23.8km az=65.0

DJA 12 02:13:11.4-3.3, 0.0N:6.12E, h17km, 32km, M3.3/9, MLV3.3/9

ISC 12 02:13:07.2-1.1, 0.30N:125.87E, h0.09, h10km, n6, s=851/6, mb3.5/4, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Ternate, Gorontalo, Warramunga Arr, etc.

NNC 12 02:13:15.4-0.3, 6.84N:70.13E, h0km, mb4.0, mpv3.4, Error ellipse: s-maj=33.1km s-min=26.3km az=160.0

IDC 12 02:13:19.2-5.7, 36.81N:70.18E, h182km, 41km, mb3.0/2, mbmp3.5/7, MS3.0/1, Error ellipse: s-maj=101.7km s-min=30.7km az=138.0

ISC 12 02:13:20.1-1.5, 36.77N:101.70E, h0.1, h200km, n12, s=1508/16, 4C-3D, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Karatay Array, Al-Archa, Kurbb, etc.

HVO 12 02:15:05.2-0.7, 18.93N:103.155.22W, h0.02, h10km, 9km, Error ellipse: s-maj=5.5km s-min=1.6km az=154.0

NEIC 12 02:15:06.1-0.9, 19.01N:102.155.24W, h0.02, h10km, 2km, ML3.8/38, ML3.7/41 (HVO), Error ellipse: s-maj=3.6km s-min=3.0km az=148.0

IDC 12 02:15:07.1-23.0, 19.47N:155.49W, h0km, mb3.2/3, mbmp3.2/3, MS3.3/1, Error ellipse: s-maj=468.9km s-min=90.7km az=42.0

ISC 12 02:15:07.0-1.4, 19.09N:103.155.23W, h0.03, h15km, 7km, n5, s=1807/49, mb3.4/3, Hawaiian Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Hitc, Hilina Pali, Hilo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Kane Nui o Ham, Byron's Ledge, etc.

ISC 12 02:16:12.1-1.3, 1.22N:101.126.91E, h0.08, h83km, 7km, mb4.3/31, Error ellipse: s-maj=14.9km s-min=10.3km az=200.0

DJA 12 02:16:12.3-0.3, 1.2N:2.12E, h40km, 8km, M4.4/25, mb5.2/6, mb4.5/12, MLV4.3/25, MW(MB)4.6/6

IDC 12 02:16:14.9-2.6, 1.24N:127.10E, h18km, 25km, mb3.7/8, mbmp4.0/10, MS3.6/3, Error ellipse: s-maj=58.5km s-min=10.4km az=67.0

ISC 12 02:16:12.3-0.5, 1.34N:105.126.97E, h0.08, h100km, n72, s=2317/4, mb4.2/25, Northern Molucca Sea

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

NEIC 12 02:16:12.3-0.5, 1.34N:105.126.97E, h0.08, h100km, n72, s=2317/4, mb4.2/25, Northern Molucca Sea

DJA 12 02:16:12.3-0.3, 1.2N:2.12E, h40km, 8km, M4.4/25, mb5.2/6, mb4.5/12, MLV4.3/25, MW(MB)4.6/6

IDC 12 02:16:14.9-2.6, 1.24N:127.10E, h18km, 25km, mb3.7/8, mbmp4.0/10, MS3.6/3, Error ellipse: s-maj=58.5km s-min=10.4km az=67.0

ISC 12 02:16:12.3-0.5, 1.34N:105.126.97E, h0.08, h100km, n72, s=2317/4, mb4.2/25, Northern Molucca Sea

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Alice Springs, Stephens Creek, Songrio Array, etc.

12d 12:02:18:48.7±0.8, 53.93±2.67E, h0km, mb4.1/10, mbmp4.1/11, ML4.2/1, MS4.1/33, Error ellipse: s-maj=28.1km s-min=18.2km az=66.0

GCMT 12:02:18:53.0±3.5, 04.06±0.01±2.74E±0.02, h18km±1km, MW4.9/102, Moment Tensor Solution, s17-C8, s102-c141; Duration: 0 Moment tensor: Scale 1016Nm; M0=0.26±14; Mw=3.29±12; Mw0=3.02±11; Mw1=0.33±26; Mw2=0.39±10; Mw3=0.35±29; Best double couple: M3.21500x1016 NP1.3e311.000000, s81.000000, λ=1.000000, NP2±42.000000, s89.000000, λ=1.71.000000

Principal axes: T 3.3480, Plg8.000000, Azm176.000000; N -0.2590, Plg81.000000, Azm47.000000; P -0.3820, Plg7.000000, Azm267.000000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function
ISC 12:02:18:50.7±0.4, 04.59±0.02±2.99E±0.10, h10km, n93, ±29.01/56, mb4.6/15, MS4.2/33, 2C-1D, Bouvet Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Neumayer-Stat, Sanae, Neumayer-Watz, etc.

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

FURI Furi 69.60 38 LR 03 00 19.7
H01W2 Cape Leeuwin H 73.41 127 T 03 52 25.3
H01W3 Cape Leeuwin H 73.42 127 T 03 52 26.4

ATD Arta Tunnel 73.58 41 LR 03 03 16.3
NNA Nana 74.42 271 LR 03 00 47.3
MDP Montagnes Des 74.94 302 LR 02 58 54.9

STKA Stephens Creek 87.21 146 P 02 31 37.7 +0.6
STKA Stephens Creek 87.21 146 P 02 31 37.7 +0.6
STKA Stephens Creek 87.21 146 P 02 31 37.7 +0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Stephens Creek, Santo Domingo, Urewera, etc.

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

SOME 12:02:36:22.8, 43.15N±.7473E
KNET 12:02:36:24.7±0.2, 43.05N±.7491E, h8km±2km, m1/1, Error ellipse: s-maj=1.2km s-min=0.9km az=49.0

NINC 12:02:36:24.0±0.6, 43.13N±.7479E, h0km, mb2.6, mpv2.6, Error ellipse: s-maj=5.6km s-min=3.6km az=132.0, Suspected Missing explosion, ISC 12:02:36:23.8±0.8, 43.14N±.03±.7485E±0.02, h0km, n17, ±0.72/28, 11C-SD, Central Kazakhstan region

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

12d 2h

2020 MAY

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include stations like O18K Koktuk Hills, P18K Big Mountain, CHIR Chirikof Island, etc.

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include stations like ILAR Eielson Array, SCM Sheep Creek Mo, SCM Camden Bay, etc.

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Rows include stations like F30M Barrier River, K29M Garlow Dome, YUK4 Talbot Arm, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like VORR Voronezh, VSR Storozhevo, VORD Divnogorie, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like RDO Rodhopi, CSS Mathiatis, CSS Mathiatis, PDG Dodgorie, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like VAM Vamos, KARP Karpathos, KARP Karpathos, IMMV Iera Moni Meta, etc.

Table of astronomical observations for 12d 3h, including station names, times, and coordinates.

Table of astronomical observations for 2020 MAY, including station names, times, and coordinates.

Table of astronomical observations for 718, including station names, times, and coordinates.

12d 5h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, CTA Charters Tower, ASAR Alice Springs.

SCB 12 04:43:01.0: 1.4, 2.0, 92S:65.28W, h362km, 10km, ML3,7/3, Error ellipse: s-maj=8.5km s-min=7.1km az=0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MOCB Mochara, HJA Humahuaca, AOE Aiquile.

NEIC 12 04:43:05.1: 1.5, 2.0, 61S:65.25W, h350km, 25km, mb3,1/2, mbtpm3,9/5, Error ellipse: s-maj=15.1km s-min=9.4km az=84.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

ISC 12 04:43:05.0: 6.2, 20, 86S:0.05:65.48W, 0.06, h350km, n70, az=187.83, mb4,4/4, Southon Bolivia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

ISC 12 04:56:14.5: 1.2, 6.3, 9S:0.10:128.7E, 0.2, h364km, 10km, mb4,1/4, Error ellipse: s-maj=22.4km s-min=14.1km az=90.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

ISC 12 04:56:12.9: 0.8, 6.3, 9S:0.07:128.6E, 0.1, h350km, n19, az=131.21, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

ISC 12 04:58:24.2: 18.0, 4, 13S:126.11E, h342km, 227km, mb2,7/2, mbtpm3,5/3, Error ellipse: s-maj=431.5km s-min=48.6km az=69.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

RSPR 12 05:12:17.1: 19.18N:67.76W, h10km, 31km, MD3,4/11 SDD 12 05:12:17.6: 0.7, 19.14N:67.67W, h13km, 9km, MD3,1, ML2,7, MW2,9, Presumed earthquake Hypocentre not reviewed by the ISC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

NEIC 12 05:12:21.4: 1.4, 18.78N:0.06:67.62W, 0.04, h35km, 2km, ML2,6/31, MD3,4/11 (RSPR), Error ellipse: s-maj=11.4km s-min=3.1km az=208.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

ISC 12 05:12:19.5: 1.7, 19.98N:0.07:67.58W, 0.04, h12km, 10km, n34, az=86.47, 21C, 2D, Monts Passage

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

2020 MAY

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PV23 Carpenter Ridg, SHPR Sheep Range, TORD Torodi Arr, BEA 74.14 PN.

IDC 12 04:51:43.8: 5.3, 51.12N:108.37E, h0km, mbtpm3,2/1, ML3,2/1, Error ellipse: s-maj=50.4km s-min=21.8km az=156.0, Lake Baykal region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SONM Songino Array, SONM Sheep Range, SONM 6.5nm, 0.3s, bazz=17, slow=1, SNR=32.

ISC 12 04:56:14.5: 1.2, 6.3, 9S:0.10:128.7E, 0.2, h364km, 10km, mb4,1/4, Error ellipse: s-maj=22.4km s-min=14.1km az=90.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

ISC 12 04:56:12.9: 0.8, 6.3, 9S:0.07:128.6E, 0.1, h350km, n19, az=131.21, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

ISC 12 04:58:24.2: 18.0, 4, 13S:126.11E, h342km, 227km, mb2,7/2, mbtpm3,5/3, Error ellipse: s-maj=431.5km s-min=48.6km az=69.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

RSPR 12 05:12:17.1: 19.18N:67.76W, h10km, 31km, MD3,4/11 SDD 12 05:12:17.6: 0.7, 19.14N:67.67W, h13km, 9km, MD3,1, ML2,7, MW2,9, Presumed earthquake Hypocentre not reviewed by the ISC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

NEIC 12 05:12:21.4: 1.4, 18.78N:0.06:67.62W, 0.04, h35km, 2km, ML2,6/31, MD3,4/11 (RSPR), Error ellipse: s-maj=11.4km s-min=3.1km az=208.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

ISC 12 05:12:19.5: 1.7, 19.98N:0.07:67.58W, 0.04, h12km, 10km, n34, az=86.47, 21C, 2D, Monts Passage

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

ISC 12 05:12:19.5: 1.7, 19.98N:0.07:67.58W, 0.04, h12km, 10km, n34, az=86.47, 21C, 2D, Monts Passage

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

ISC 12 05:12:19.5: 1.7, 19.98N:0.07:67.58W, 0.04, h12km, 10km, n34, az=86.47, 21C, 2D, Monts Passage

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

ISC 12 05:12:19.5: 1.7, 19.98N:0.07:67.58W, 0.04, h12km, 10km, n34, az=86.47, 21C, 2D, Monts Passage

720

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBIP Obispo Ponce, OBIP Obispo Ponce, OBIP Obispo Ponce, ECPR Experimental S.

ISC 12 05:15:28.6: 1.4, 6.80S:129.70E, h155km, 13km, mb4,1/20, mbtmp4,6/27, MS3,4/4, Error ellipse: s-maj=14.9km s-min=10.3km az=73.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

ISC 12 05:15:29.1: 1.6, 6.74S:0.05:129.63E, 0.07, h160km, 6km, mb4,6/24, Error ellipse: s-maj=9.6km s-min=7.6km az=102.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

ISC 12 05:15:31.8: 0.3, 6.94S:0.04:129.71E, 0.04, h200km, n221, az=224/216, mb4,5/62, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

ISC 12 05:15:31.8: 0.3, 6.94S:0.04:129.71E, 0.04, h200km, n221, az=224/216, mb4,5/62, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

ISC 12 05:15:31.8: 0.3, 6.94S:0.04:129.71E, 0.04, h200km, n221, az=224/216, mb4,5/62, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

ISC 12 05:15:31.8: 0.3, 6.94S:0.04:129.71E, 0.04, h200km, n221, az=224/216, mb4,5/62, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

ISC 12 05:15:31.8: 0.3, 6.94S:0.04:129.71E, 0.04, h200km, n221, az=224/216, mb4,5/62, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

ISC 12 05:15:31.8: 0.3, 6.94S:0.04:129.71E, 0.04, h200km, n221, az=224/216, mb4,5/62, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

ISC 12 05:15:31.8: 0.3, 6.94S:0.04:129.71E, 0.04, h200km, n221, az=224/216, mb4,5/62, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Fak Fak, SAUI Sorong.

ISC 12 05:15:31.8: 0.3, 6.94S:0.04:129.71E, 0.04, h200km, n221, az=224/216, mb4,5/62, Banda Sea

Table with columns for station name, frequency, power, and other technical details. Includes stations like COEN, JAGI, BLJI, GMJI, QIS, AS31, ASAR, MBWA, MBWA, PMG, PMG, KPIJ, CTM, GJRL, BBJJ, BBJJ, BBJJ, LEM, MEEK, TPI, FORT, CGJI, KLSI, KASI, MORW, MORW, BBOO, BBOO, STKA, STKA, MYKOM, MYKOM, EGSJ, PDSI, PDSI, PPI, RPSI, RPSI, GSI, GSI, CAN, TPTI, BSI, CMAR, CMAR, CHTO, CHTO, CHTO, NJ2, NJ2, JMN, MAJO, MJAR, MJAR, LZDM, LZDM, LZH, LZH, HHC, HHC, PALK, PALK, USRK, USRK, GTA2, GTA2, HILR, HILR, ULN, ULN, SONM, SONM, PETK, PETK, ZSN, ZSN, SHLS, SHLS, UZB, UZB, MKAR, MKAR, MKAR, SATY, SATY, MAKZ, MAKZ.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KDJ, KDJ, NRN, MDOK, TDK, BOOM, TKM2, UCH, AAK, AAK, USP, SGGDS, EK2S, SEM, ZALV, ZALV, BTLS, KURBB, KURK, KURK, DZA, KK31, KK31, KKAR, CHM, BRLS, MAW, BRZS, BRZS, BOREZY, BOREZY, BORK, BORK, OPO, NRIK, NRIK, NRIK, AB31, AB31, ABKAR, GSPA, GSPA, SDPT, SDPT, ARTI, ARTI, J16K, J16K, RAYN, RAYN, RAYN, VABM, K17K, MLY, RND, KBZ, KBZ, H23K, CCB, CCB, ILAR, ILAR, ILAR, F24K, K27K, I27K, BRTR, YKA, PDAR, ULM, TXAR, TORD, TORD, SCHO, SCHO, DBIC, PB06, JTS, PATX, CPUP, CPUP, CPUP, BILN, BILN, LPAZ, MKAR, MKAR, MEX, GCG, ISC, Code, Station Name, Az, Az, Phase ID, Time Res.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TGBT, TGBT, CMIG, CMIG, CCIG, CCIG, PATR, PATR, PAVE, PAVE, THIG, THIG, CHUU, CHUU, HUATULCO, HUATULCO, HUIG, HUIG, SMCA, SMCA, NEUV, NEUV, RTAL, RTAL, STG2, STG2, STG2, STG2, SAUI, SAUI, SAUI, FAKI, FAKI, MJN, MJN, STJN, STJN, SIJI, SOEI, BATI, BATI, BATI, KNRA, KAPI, FITZ, FITZ, FITZ, WRA, WRA, WRA, WRA, WRA, ASAR, ASAR, ASAR, PETK, MKAR, MKAR, ZAAO, ZAAO, ZALV, ZALV, ZALV, KURB, KURB, KURK, KURK, KK31, KK31, KKAR, BVAR, AB31, AB31, ABKAR, BEGRANO, Code, Station Name, Az, Az, Phase ID, Time Res.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AKASG Malin Array Be, AKBB Malin Array Si, FUORN Openpass Fuorn, etc.

IDC 12 05:58:13.8±1.0, 34.01N±25.60E, h0km, mb3.9/9, mbmp3.9/20, ML3.5/11, MS3.1/3, Error ellipse: s-maj=18.8km s-min=13.3km az=35.0

NEIC 12 05:58:14.9±1.8, 33.96N±0.08±25.54E±0.09, h10km±1km, mb4.0/17, Error ellipse: s-maj=14.2km s-min=11.4km az=207.0

ISC 12 05:58:15.8±0.7, 33.98N±0.08±25.63E±0.06, h17km, n58, r13/159, mb3.8/9, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ANOYIA, KEKSKIN ARRAY B, KEKSKIN ARRAY A, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BFO, CLL, ECH, ESCD, etc.

NEIC 12 06:03:34.2±1.6, 44.23N±0.02±115.04W±0.03, h10km±2km, ML2.8/44, ML3.2/28(BUT), Error ellipse: s-maj=4.1km s-min=3.2km az=180.0

BUT 12 06:03:34.7±2.1, 44.201N±0.010±115.11W±0.03, h11km±8km, Error ellipse: s-maj=3.6km s-min=0.9km az=71.0

IDC 12 06:03:38.6±1.9, 44.32N±1.14±41W, h0km, mbmp2.7/3, ML2.9/3, Error ellipse: s-maj=26.6km s-min=14.6km az=177.0

ISC 12 06:03:34.0±0.8, 44.222N±0.03±115.06W±0.04, h10km, n41, r178/40, Western Idaho

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HLID, MPFD, PLID, etc.

DNK 12 06:04:45.2±0.9, 57.58N±21.97E, h0km, ML3.0, Suspected explosion

LVSN 12 06:04:48.8±4.2, 57.70N±22.12E, h0km±30km, ML2.2, Presumed earthquake

ISC 12 06:04:44.8±0.8, 57.67N±0.04±22.03E±0.03, h0km, n55, r1520/63, Baltic States-Belarus-Northwestern Russia

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

ASRS 12 06:05:17.0±0.6, 54.11N±86.41E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022

IDC 12 06:05:18.8±2.9, 54.12N±86.45E, h0km, mbmp2.9/2, ML2.6/2, Error ellipse: s-maj=21.9km s-min=14.0km az=59.0, Southwestern Siberia

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

IDC 12 06:23:58±1.5, 34.18N±25.56E, h0km, mb3.4/5, mbmp3.4/9, ML3.1/4, MS2.4/1, Error ellipse: s-maj=41.4km s-min=21.6km az=153.0

ATH 12 06:23:59±2.1, 34.12N±25.72E, h12km, ML2.8/7, Latitude uncertainty: 5 km; Longitude uncertainty: 4 km

THE 12 06:24:05.3±5.2N±29.2±6E±1.5, h21km±22km, M2.6/6, MLh2.6/6

ISC 12 06:23:59.7±2.0, 34.23N±0.08±25.71E±0.04, h11km±11km, n23, r1933/31, mb3.3/4, Crete

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

Table with columns for station name, coordinates, elevation, and other data. Includes stations like ARAG Araguaiana, MT, TZN Tazewell, CLTN Cedars of Lebanon, etc.

Table with columns for station name, coordinates, elevation, and other data. Includes stations like NVAR, MFID Camas Ranch, FFC Fin Flon, PLID Pearl Lake, etc.

Table with columns for station name, coordinates, elevation, and other data. Includes stations like E29M Blow River, M26K Nabesna, AK, KAIM Kayak Island, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, Res ISC. Rows include H10N3 ASCENSION HYDR19.90 123 T, H10N2 ASCENSION HYDR19.90 123 T, H10N1 ASCENSION HYDR19.92 123 T, H10S3 ASCENSION HYDR20.37 126 T, H10S2 ASCENSION HYDR20.39 126 T, MDP Montagnes des 21.41 276 LR, DBIC Dimbokro 25.68 81 LR, TORO Torodi Ar. Beba 34.12 71 P, SJV San Juan 34.98 236 LR, CPUP Villa Florida 38.53 219 P, MDT Midelt 38.79 37 LR, LPAZ La Paz 41.15 241 LR, ROSEC El Rosal 42.98 274 LR, ESDC Sonseca Array 44.13 31 P, ATAH Atahualpa 46.09 258 LR, TSUM Tsumeb 52.85 117 LR, JTS Las Juntas de 53.74 281 LR, VAE Valguarnera 54.10 45 LR, PLCA Paso Flores 56.37 215 LR, TKL Tuckaleechee C 58.32 311 LR, LSZ Lusaka 61.57 109 LR, LBTB Lobatse 61.75 120 LR, NOA NORSAR Array B 66.19 21 LR, EIL Elat 67.92 59 LR, BRTR Keskin Array B 68.93 48 LR, TXAR Lajitas Array 73.20 300 P, ANMO Albuquerque 76.15 305 LR, YKA Yellowknife Ar 84.28 332 P.

NEIC 12 07:46:38.4±2.6, 15.41N±0.08; 119.7E±0.1, h46km,6km, mb4.4/16, Error ellipse: s-maj=22.0km s-min=9.5km az=68.0
MAN 12 07:46:39.0±1.5, 17.85E; h41km, 54km
MAN INTENSITY III - PALAUIGZAMBALES; MAYANTOC TARLAC; INTENSITY II - MASINOC ZAMBALES; MANDALUYONG CITY & MARIKINA CITY; INTENSITY I - BOTOLAN ZAMBALES; CITY OF MANILA.
IDC 12 07:46:43.6±1.3, 15.14N; 119.86E; h105km, 14km, mb3.7/13, mbtmp4.0/13, MS3.0/11, Error ellipse: s-maj=27.9km s-min=15.3km az=62.0
ISC 12 07:46:38.15±1.15, 15.31N±0.04; 119.7E±0.1, h52km±13km, n56, ±231/52, mb4.3/20, MS2.9/10, Luzon

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, Res ISC. Rows include BOLP Bolinao 1.09 10 iP, SMPMP San Manuel, Pa 1.25 48 iS, PCPS Palayan City 1.46 116 iP, TGY Tagaytay City 1.69 135 eS, ABRA Dolores 2.52 22 eP, SIPP Briny, Tapao 2.79 117 eS, GOP Guinayanang 2.90 15 eP, PALP Palanan 3.14 56 eP, AUQP San Andres 3.49 124 eP, PACPP Pamplona Cagay 3.51 26 iP, SGCP Gonzaga 3.68 37 iS, FAK Fak Fak 23.95 145 P, CHCI Chichijima 21.97 57 LR, JAY Jayapura 27.30 129 LR, KUL Kul'dur 35.24 14 LR, KRVT Keravat (AS076) 37.47 119 LR, WBO Warramunga Arr 37.73 157 P, WRA Warramunga Arr 37.87 157 P, WR8 Warramunga Arr 37.94 157 P, TLY Talaya 38.50 344 LR, AS31 Alice Springs 41.15 160 P, ASAR Alice Springs 41.15 160 P, MKAR Makanchi Arr 44.18 323 P, MORW Morawa 44.26 185 P, AAK Ala-Archa 47.26 315 LR, PETK Petropavlovsk-K 48.10 30 P, KURBB Kurchatov Arr 48.33 326 P, KURK Kurchatov 48.33 326 P, MA2 Magadan 49.72 20 LR, STKA Stephens Creek 51.40 156 P.

Table with columns: SEY, Seymchan, 52.78 18 P, 07 55 48.5 +0.4. Rows include AB31 Akbulak array 58.90 319 P, AKTAK Akbulak array 58.90 319 P, AKTO Akbulak array 60.38 320 LR, GNI Garni 68.88 307 LR, F15K North Star Dit 70.25 25 P, B20K Meade River 73.38 21 P, L18K Granite Mount 73.61 29 P, L19K White Mountain 74.47 29 P, L22K Petersville 76.34 29 P, ARCES ARCESS Array B 77.25 339 P, BMAR Burnt Mountain 78.12 23 P, FINES FINESS Array B 78.42 331 P, BCAR Beaver Creek A 80.30 27 P, HFS Hagfors 84.61 331 P, NB2 NORSAR Subarra 85.40 332 P, NOA NORSAR Array B 85.40 332 P, GERES GERESS Array B 88.79 321 P, YKA Yellowknife Ar 91.66 22 P, ASRS 12 07:50:12.0±1.1, 35.93N; 85.34E, h0km, M2.3(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022. IDC 12 07:50:14.2±3.8, 53.61N; 88.27E, h0km, mbtmp2.8/3, ML2.4/3, Error ellipse: s-maj=39.3km s-min=25.3km az=72.0, Southwestern Siberia

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, Res ISC. Rows include I46RU ZALESOVO INFRA 2.07 281 Op, ZALV Zalesovo Beam 0.89 339 P, ZALV Zalesovo Beam 2.07 281 P, KURBB Kurchatov Arr 6.70 247 P, MKAR Makanchi Array 7.82 212 P, ASRS 12 07:52:53.0±2.5, 03.53N; 09N; 85.34E, h0km, M2.3(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022. IDC 12 07:52:56.6±1.4, 53.12N; 85.36E, h0km, mbtmp2.5/2, ML2.1/2, Error ellipse: s-maj=13.9km s-min=8.4km az=100.0, Southwestern Siberia

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, Res ISC. Rows include ZALV Zalesovo Beam 0.89 339 P, H46RU ZALESOVO INFRA 0.89 339 P, KURBB Kurchatov Arr 4.91 242 P, MKAR Makanchi Array 6.63 199 P, MKAR Makanchi Array 7.82 212 P, IDC 12 08:01:13.8±1.1, 35.93N; 141.23E, h0km, mb3.4/6, mbtmp3.3/7, ML2.3/1, MS2.7/1, Error ellipse: s-maj=25.8km s-min=23.5km az=58.0, JMA 12 08:01:14.9±0.3, 36.0N; 06.14°E, h24km±3km, ISC 12 08:01:15.6±1.9, 36.06N; 0.06; 141.26E; 0.07, h11km±11km, n23, ±084/19, mb3.5/6, Near east coast of eastern Honshu

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, Res ISC. Rows include JIHU Itakohorinouch 0.60 262 P, JHYU Hitachinakayaw 0.61 298 eS, JSMT Sammumatsuo 0.78 238 eP, JHO Hitachi 0.78 215 P, JYT Yasato 0.88 282 P, ONAJ Iwakimizuishi 1.11 341 P, MJAR Matsuhiro Arr 2.51 282 P, MJAR Matsuhiro Arr 2.51 282 P, PETK Petropavlovsk-K 20.60 29 LR, H1N2 WAKE ISLAND Hy 27.77 119 T, H1N1 WAKE ISLAND Hy 27.78 119 T, H1N3 WAKE ISLAND Hy 27.79 119 T, H1S1 WAKE ISLAND Hy 28.45 121 T, H1S3 WAKE ISLAND Hy 28.45 121 T, H1S2 WAKE ISLAND Hy 28.46 121 T, MKAR Makanchi Array 44.54 303 P, ILAR Eielson Array 50.39 32 P, WRA Warramunga Arr 56.08 188 P, ASAR Alice Springs 59.80 188 P, YKA Yellowknife Ar 64.72 30 P, H03N2 Juan Fernandez 147.03 97 T, H03N3 Juan Fernandez 147.05 97 T, H03N1 Juan Fernandez 147.05 97 T.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, Res ISC. Rows include NEIC 12 08:11:08.3±2.4, 19.45S; 171.172E; 0.07, h10km, 1km, mb4.6/14, Error ellipse: s-maj=19.6km s-min=11.8km az=3.0, IDC 12 08:11:09.8±0.8, 19.44S; 173.60W, h0km, mb4.0/9, mbtmp4.0/9, MS3.4/4, Error ellipse: s-maj=33.3km s-min=21.4km az=130.0, ISC 12 08:11:08.0±0.6, 19.39S; 0.08; 172.97W; 0.08, h10km, n32, ±2909/23, mb4.3/12, Tonga Islands region, NIUE Niue 2.89 84 Op, AFI Afiamalu 5.57 12 P, MSFV Nonsavu 8.68 280 P, MSFV Mangataoina R 23.36 202 P, TUWZ Tiarua 24.64 204 P, TNKZ Takaka Hill 27.04 206 P, THZ Tophouse 25.33 205 P, INZ Inchbonnie 28.75 206 P, CTA Charters Tower 38.32 262 LR, CTAO Charters Tower 38.32 262 P, STKA Stephens Creek 42.52 244 P, WR8 Warramunga Arr 49.30 260 P, AS31 Alice Springs 49.38 255 P, ASAR Alice Springs 49.38 255 P, WBO Warramunga Arr 49.42 260 P, WRA Warramunga Arr 49.45 260 P, WRA Warramunga Arr 49.45 260 P, MTN Mantlon Dam 53.91 268 P, FITZ Fitzroy Cross 57.87 260 P, VNDV Vanda 59.47 186 P, VNDV Vanda 59.47 186 P, MBWA Marble Bar 62.71 160 P, GSPA South Pole 70.67 180 P, GSPA South Pole 70.67 180 P, TXAR Lajitas Array 82.50 55 P, ILAR Eielson Array 86.27 11 P, YKA Yellowknife Ar 93.58 23 P, BRTR Keskin Array B 149.43 317 PKPbc PKIKP, VAO 12 08:13:02.6±0.7, 5.56S; 76.89W, h39km±6km, mb4.1, Presumed earthquake, IDC 12 08:13:07.0±2.0, 5.74S; 76.67W, h51km±24km, mb3.4/3, mbtmp3.7/8, ML3.0/5, MS3.0/1, Error ellipse: s-maj=18.8km s-min=12.0km az=122.0, ISC 12 08:13:03.0±0.7, 5.65S; 0.06; 76.79W; 0.07, h26km, n34, ±172/37, Northern Peru, ATAH Atahualpa 2.18 227 P, ATAH Atahualpa 2.18 227 P, CZSB Cruzeiro do Su 4.55 117 eP, OYAV Otavalo 6.08 344 eP, PTLA Puerto Leguiza 6.11 19 P, NNA Nana 6.30 180 P, NNA Nana 6.30 180 P, CRUC La Cruz 7.17 359 P, GARC Garcia Huila 7.69 9 P, POPC Popayan, Colom 8.13 1 P, MACC Macarena, Meta 8.21 2 P, JAMC Jamundi, Valle 8.80 1 P, ROSC El Rosal 10.71 13 P, LPAZ La Paz 13.56 142 P, LPAZ La Paz 13.56 142 P, SDV Santo Domingo 15.69 23 P, SDV Santo Domingo 15.69 23 P, SDV Santo Domingo 15.69 23 P, ITTB Itaituba 21.01 87 eP, SALV Santo Antonio 23.07 118 P, BDOG Bodouy, MS 24.39 123 P, MURT Porto Murinho 24.45 132 eP, PP1B Ponte de Pedra 24.49 121 eP, AQDB Aquidauana 25.23 128 eP, SNDB Serra Nova Dos 25.95 106 eP, ARAC Aracaju, MT 26.47 114 eP, PRPB Parauapebas 26.83 92 eP, CPUP Villa Florida 27.72 140 P, PTGB Tiarua 30.37 131 eP, IPMB Ipameri, GO 30.48 116 eP, YKA Yellowknife Ar 73.83 343 P, TORO Torodi Ar 80.12 76 P, WRA Warramunga Arr 140.20 229 PKP

SOME 12 08:20:13.1, 39°58'N-71°62'E, h5km
KRNET 12 08:20:25.1, 0.1, 39°50'N-71°61'E, h35km, mb3.0
ISU 12 08:20:25.4, 0.1, 39°52'N-71°53'E, h2km
ISC 12 08:20:22.5-1.3, 39°30'N-073°71°62'E:0.03, h6km, m11km,
n23, c1540/43, 16C-10D, Tajikistan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Karamyk, Fergana, Mingtu, Tashata, Chhadak, Garm, Sufi-Kurgan, Terek-Say, Arkit, Salom-Alik, Chimgan, Charvak, Tavakasy, Nazarbek, Manas, Merke, Uchtor, Jany-Kuch, Karatay Array, Boroldat, Alara-Archa, Aarycha, Naryn.

HEL 12 08:27:22.2-0.2, 62°51'N-23°36'E, h0km, ML0.9, Explosion, Finland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Keuruu, Ylistaro, Sumiainen, Kankaanpaa, FINESS Array S, Rauma, Merijarvi, Nilsia, Syolatti, Pyha, Umeaa, Husum, Buruvik, Hemsoen, Taivalkoski, Rovaniemi, Vasula, Fiekkii, Kotari.

IDC 12 08:29:05.0:5.2, 1372Sx71°57'W, h62km, 90km, mb2.9/2,
mbtm3.2/4, ML2.9/2, Error ellipse: s-maj=201.8km
s-min=12.4km az=28.0, Central Peru

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like La Paz, Nana, NNA, TXAR, YKA.

SJA 12 08:29:41.1:0.8, 29°99'Sx71°22'W, h72km, 3km, ML3.4, MW3.5
GUC 12 08:29:42.9:0.7, 29°99'Sx71°22'W, h59km, 2km, ML3.7
ISC 12 08:29:43.5:1.4, 29°98'Sx073°71°26'W:0.07, h52km, 8km,
n34, c673/38, 2C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like La Serena, Tololo Observa, Juntas del Tor, Juntas del Tor, YKA.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Las Campanas, Combarbal, El Transito, Copiapo, San Esteban, Los Peladeros, Copiapo, Catapilco, San Esteban, El Roble, Peldehue, Curacav, Hacienda Santa Renca, Cerro Caljn, Ro Olivares, Universidad Ad, Bocatomero, Maricunga, San Alfonso, Pan de Azucar, Popeta, Tunca, Sierra Bellavi.

IDC 12 08:33:58.4:1.4, 5°20'N-37°11'E, h0km, mb3.8/6,
mbtm3.8/6, MS3.4/14, Error ellipse: s-maj=48.6km
s-min=24.5km az=141.0
ISC 12 08:33:57.3:1.0, 4.8N-0°2:36.9E:0.2, h10km, n21, c0873/8,
mb3.9/5, MS3.4/13, Ethiopia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Furi, Mbarara, Mbar, Art, ATD, LSZ, OPO, ASF, GNI, SUR, DRAC, GERES, AAK, ARTI, MKAR, KURBB, CMAR, ZALV, TLY, SONM, YAK, KLR.

NET 12 08:51:54.3:4.3, 127°1'N:88°59'W, h6km, ML2.8,
Presumed earthquake
CATAC 12 08:51:56.2, 13°13'N:8°8'W:z, h68km, 4km, M2.9/10,
ML2.9/10, confirmed
GCG 12 08:51:58.0:0.3, 12°05'N:88°62'W, h84km, 13km, MD3.9,
Presumed earthquake
ISC 12 08:51:56.1:1.6, 12.8N:02:48:94W:0.07, h59km, 27km,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Intipuca, Rancho El Ranchito, Pacayal, Pacayal, TECA, La Caada, LCND, TECO, COEG, CSGN, SJTE, PAVA, LOMA, PICO, JAYA, NUBE, COGN, MACN, MTO3, COPN, LIMN, MATN.

IDC 12 09:20:41.8:1.4, 30°53'N:141°85'E, h0km, mb3.5/5,
s-min=18.6km az=73.0, Error ellipse: s-maj=51.5km
ISC 12 09:20:44.8:1.1, 30°50'N:141°14'E:0.3, h23km, n8,
c1508/11, mb3.5/5, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Hachijo jima 2, Chichijima, Matushio Arr, Lajitas Array, Kurchatov Arr, Warramunga Arr, Alice Springs, Lajitas Array.

NEIC 12 09:44:15.7:1.0, 30°19'S:0°06:177°8'W:0.2, h35km, 2km,
mb4.8/13, Error ellipse: s-maj=27.3km s-min=9.8km
IDC 12 09:44:20.8:0.9, 29°71'S:178°14'W, h75km, 9km, mb3.9/5,
mbtm4.2/5, Error ellipse: s-maj=25.5km s-min=22.9km
az=126.0
ISC 12 09:44:16.7:0.7, 30°21'S:0°07:178°0'W:0.2, h50km, n51,
c1547/39, mb4.5/14, 2C, Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Green Lake, Raoul Island, Urewera, Chateaux Observ, THZ, KHZ, GVZ, OXZ, RPTZ, EIDS, CTAO, STKA, STKA, BBOO, ASAR, WRR, WRA, WRA, WBO, VVDA, VVDA, FITZ, CASEY, QSPA, QSPA, TROLL, VNA3, VNA2, VNA1.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, Alice Springs, HOSB2, Diego Garcia H, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DSI, KRMI, Paron Flat, Mazada, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LAUT, LAUT, Espoo, Suvisaa, etc.

NEIC 12 11:29:51.8z 1.2, 17.77N, 0.02:66:89W, 0.01, h10km, 1km, ML3.4/25, Md3.5/15(RSPR), Error ellipse: s-maj=4.2km s-min=2.6km az=5.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GTOI, Gorontalo, AFSI, Ampana, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DAVOX, Davos/Dischmat, ESCD, Sonseca Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBRP, Guanica, Bosqu, etc.

KRSC 12 10:29:25.7z 1.3, 5.6:12N:162.81E, h20km, 7km, M3.9, mbmp3.1/6, ML2.1/1, Error ellipse: s-maj=41.9km s-min=22.0km az=150.0

IDC 12 10:39:42.9z 1.6, 6:34S:129.48E, h133km, 17km, mb3.3/2, mbtmp3.9/7, Error ellipse: s-maj=26.9km s-min=13.0km

ISC 12 11:29:53.1z 0.3, 17.82N:66:89W, h10km, 3km, ML3.5, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KBG, Krutoberegovo, KBTY, Krutoberegovo, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CRPR, Cabo Rojo, PR, etc.

ISC 12 10:29:27.8z 0.9, 5.6:25N:0.05:162.50E, 0.04, h10km, 7km, n45, r158/45, mb3.2/5, Near east coast of Kamchatka

ISC 12 10:39:42.1z 0.8, 6:59S:129.8E, 0.1, h146km, n8, r316/13, Banda Sea

ISC 12 10:39:56.8z 0.1, 6.3:11N:21:88E, h0km, ML1.4, Explosion

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRMK, Karymsinskiy, RUS, Russkaya, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LAUZ, Lautasarr He, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UUPR, Utuado, UPR, etc.

IDC 12 10:38:21.4z 1.1, 33.99N:25:60E, h0km, mb3.7, mbtmp3.7/16, ML3.2/8, MS2.6/2, Error ellipse: s-maj=21.4km s-min=15.7km az=17.0

HEL 12 10:40:41.6z 0.1, 60:37N:24:91E, h0km, ML0.9, Explosion, Finland

ISC 12 10:38:21.7z 0.0, 33.456N:0:001:25:718E, 0:001, n0km, Mw5.7, confirmed

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HEL1, Helsinki, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PDRP, Patillas Dam, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Distance, Magnitude, Time, Residual, etc. Includes stations like GRFO Grafenberg, ROSA Rosalia, TNS Fauri, L40A Anamosa, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Distance, Magnitude, Time, Residual, etc. Includes stations like SSSA Standing Stone, S51A Beattyville, CLTN Cedars of Leba, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Distance, Magnitude, Time, Residual, etc. Includes stations like CNGN Cerro Negro, MACN El Madrono, PACA Pacayal, etc.

NNC 12 13:07:44.7±3.3, 49:95N:78:31E, h0km, mb2.9, mpv2.5, Error ellipse: s-maj=58.9km s-min=12.0km az=89.0, Suspected Mining explosion.

IDC 12 13:07:46.5±1.5, 50:06N:78:73E, h0km, mbtmp2.5/2, ML2.1/1, Error ellipse: s-maj=14.9km s-min=7.3km az=65.0

ISC 12 13:07:46.4±1.6, 50:01N:08:78.7E±0.2, h0km, n8, ±127/10, 6C-2D, Eastern Kazakhstan

Table with columns: Code, Station Name, Azimuth, Altitude, Distance, Magnitude, Time, Residual, etc. Includes stations like KURBB Kurchatov Arra, KURKB Kurchatov Arra, KURK Kurchatov, etc.

CATAC 12 13:10:32.8±0.2, 12°N:2°8'W, h29km, M3.7/41, MLV3.7/41, Error ellipse: s-maj=4.4km s-min=1.4km az=26.5 confirmed

SNET 12 13:10:34.4±1.7, 12°44N:87°44W, h36km, ML3.7, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Altitude, Distance, Magnitude, Time, Residual, etc. Includes stations like Code Station Name, Az, AZ, Phase ID, Time, Res, etc.

TEH 12 13:50:51.4, 27:76N:53:62E, h5km, ML3.7, Presumed earthquake

NEIC 12 13:50:52.1±1.6, 27:7N:0:1:53:54E±0.0, h10km, 1km, mb4.1/1/2, Error ellipse: s-maj=22.5km s-min=13.3km az=200.0

IDC 12 13:50:56.8±0.8, 27:66N:53:44E, h57km, 72km, mb3.5/14, mbtmp3.8/15, ML3.3/1, MS3.1/7, Error ellipse: s-maj=30.5km s-min=19.2km az=5.0

DSN 12 13:50:56.3±1.7, 67:63N:53:67E, h10km, ML2.9/7, Error ellipse: s-maj=46.2km s-min=16.5km az=47.0

ISC 12 13:50:52.3±0.5, 27:73N:0:04:53:49E±0.04, h16km, n68, ±135/60, mb4.0/17, MS3.1/6, Southern Iran

Table with columns: Code, Station Name, Azimuth, Altitude, Distance, Magnitude, Time, Residual, etc. Includes stations like KHLI1 Khalil Fars, LMERD Lamerd, LMD1, etc.

BR13 Keskin Array B 20:34 311 P Pn 13:55 29.6 -0.5

Table with columns: Code, Station Name, Azimuth, Altitude, Distance, Magnitude, Time, Residual, etc. Includes stations like BR13 Keskin Array B, BR14 Keskin Array B, etc.

Table with columns: MTN, Manton Dam, 23.08 168, P, P, 14 34 59.5 +1.8, etc. Includes stations like Kununurra, Warramunga Arr, Alice Springs, etc.

FUNUV 12 14:46:11.0, 8.36N; 72.16W, h19km, MW3.3, Presumed earthquake

RSNC 12 14:46:13.2, 0.0, 8.1N; 3.7*7.2W, h0km, 4km, M2.5, ML2.2

ISC 12 14:46:07.5, 1.4, 8.33N; 0.03; 72.24W; 0.04, h6km, 12km, n14, r1929/27, Venezuela

Table with columns: Code, Station Name, Az, AzE, Op, Phase ID, Time, Res. Includes stations like Ocaña, Pamplona, Santo Domingo, etc.

TAP 12 14:53:21.9, 24.93N; 122.47E, h15km, ML2.6, C

JMA 12 14:53:22.0, 2.5, 25.1N; 122.4E; 0.4, h2km, 3km, NW OFF ISHIGAKUJIMA IS

ISC 12 14:53:22.4, 1.1, 24.89N; 0.03; 122.46E; 0.03, h11km, 10km, n43, r0543/67, 3C, Taiwan region

Table with columns: Code, Station Name, Az, AzE, Op, Phase ID, Time, Res. Includes stations like Santiao Chiao, EGS, EOS2, etc.

Table with columns: NDT, Datong Townshi, 0.90 252, eP, Pb, 14 53 40.0 -0.2, etc. Includes stations like Datong, Kuangyinsinshan, etc.

IDC 12 15:10:33.1, 0.7, 10.48S; 78.14W, h66km, 6km, mb4.1/16, mbtmp4.1/8, MS3.5/26, Error ellipse: s-maj=20.9km

NEIC 12 15:10:34.2, 1.6, 10.59S; 0.07; 78.2W; 0.1, h73km, 6km, mb5.0/290, Error ellipse: s-maj=17.8km s-min=7.7km

CATAC 12 15:10:35.8, 0.4, 10.5S; 3.7*8W, h64km, 4km, M5.2/26, mb4.9/26, mb5.6/12, MLV5.4/2, Mw(MB)5.1/12, Error ellipse: s-maj=12.2km s-min=5.3km az=82.6, confirmed

VAO 12 15:10:36.9, 0.6, 10.50S; 78.06W, h99km, 1km, mb4.9, presumed earthquake

ISC 12 15:10:33.3, 1.0, 10.55S; 0.04; 78.12W; 0.06, h69km, 3km, h66km; pP, n524, r1914/402, mb5.0/143, 6C-1D, Near coast of Peru

Table with columns: Code, Station Name, Az, AzE, Op, Phase ID, Time, Res. Includes stations like Nana, NNA, NNA, etc.

GO01 Chumzisa, 12.51 138, Pn, 15 13 26.9 -2.0

HMBC Humberstone, 12.51 142, Pn, 15 13 28.5 -0.1

BBAC Baboia, Cauca, 12.52 4, P, 15 13 30.2 +1.4

GARZ Garzo, Huila, 12.52 12, P, 15 13 07.0 +0.2

POPC Popayana, Colom, 13.08 6, P, 15 13 37.3 +0.8

MACC Macarena, Meta, 13.31 19, P, 15 13 38.3 -1.1

PB02 Bata, IPOC Station P, 13.31 145, Pn, 15 13 39.7 +0.3

BETC Betancuria, 13.41 12, P, 15 13 43.8 -4.0

GR1C Gorgona, Isla, 13.46 360, P, 15 13 41.2 -0.2

JAMC Jamundi, Valle, 13.75 6, P, 15 13 45.5 +0.1

URMC Uribi, Meta, 14.20 15, P, 15 13 53.6 -3.0

PRAC Prado, 14.53 13, P, 15 13 55.8 +0.3

PRAC Prado, 14.53 13, P, 15 16 34.2 -1.2

PRAC Prado, 14.53 13, P, 15 13 57.1 +1.6

YOTC Ortega, Valle, 14.54 7, P, 15 13 55.4 -0.3

ORTC Ortega, Tolima, 14.64 11, P, 15 13 58.3 +1.3

Table with columns: SDV, Santo Domingo, 20.69 21, Pn, 15 15 09.2 -2.0, etc. Includes stations like QUEP, Lucha 2, etc.

ARAG Araguana, MT, 26.12 104, eP, P, 15 16 01.7 +0.6

ARAG Montecristo, 27.17 336, P, 15 16 10.8 +0.1

PTBG Pitanga, 28.48 123, P, 15 16 24.1 +1.8

BDFB Brasilia, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

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BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

BDFB BDFB, 29.74 103, eP, P, 15 16 34.4 +0.8

12d 15h

Table with columns: Station ID, Name, Comp, Az, El, S, W, P, R, L, T, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like WUAZ Wupatki, PV13 Radium Mtn., PV15 Paradox Valley, etc.

2020 MAY

Table with columns: Station ID, Name, Comp, Az, El, S, W, P, R, L, T, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like R32K Eaglecrest, TORD Torodi Ar. Bea, P33M Teslin, Yukon, etc.

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Table with columns: Station ID, Name, Comp, Az, El, S, W, P, R, L, T, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like SCRK Sand Creek, GLI Glacier Island, M24K Tolson, Glenn, etc.

Table with columns: ID, Name, Az, El, P, R, S, SNR, etc. Includes entries like 019K Port Alsworth, D25K Kavik River, D25K Kavik River, etc.

Table with columns: ID, Name, Az, El, P, R, S, SNR, etc. Includes entries like F15K North Star Dit, M11K Mekoryuk, SP1A Sakai Paul Isl, GAMB Gambell, etc.

Table with columns: ID, Name, Az, El, P, R, S, SNR, etc. Includes entries like GEM Yattir, YTRIR Yattir, NATI Neve Ativ, etc.

ISK 12 15:16:52.6, 34°01'N, 25°67'E, h4km, ML3, 3/9
MCSM 12 15:16:53.1, 1.9, 34°N, 6.2°E, h9km, 15km, mb4.0,
mb4.4, MLV4.0, Mw(m)3.5
IDC 12 15:16:54.2, 1.1, 34°17'N, 25°63'E, h0km, mb3.9/1.0
mbmp3.9/1.7, ML3.1/7, MS3.0/10, Error ellipse:
s-maj=23.6km s-min=15.5km az=10.0
ATH 12 15:16:55.6, 34°01'N, 25°80'E, h51km, 14km, ML3.6/7,
Latitude uncertainty: 3 km; Longitude uncertainty: 2 km
NEIC 12 15:16:56.8, 1.6, 34°16'N, 08°25'E, 0.07, 1h(km),
mb4.3/27, Error ellipse: s-maj=13.4km s-min=9.3km
az=19.0
GII 12 15:16:57.0, 2.0, 33°87'N, 0°00'1'25", 967E, 0°00'1',
0.0km, Mw3.8, confid, med
THE 12 15:16:57.6, 34°N, 82°2'6E, 4'5", h2km, 34km, M3.2/6,
MLH3.2/6
ISC 12 15:16:54.0, 1.2, 34°07'N, 00°55'27"E, 0.04, h3km, 7km,
n153, r128/170, mb4.2/20, MS3.2/4, 4D, Creta

Table with columns: Code, Station Name, Az, El, P, R, S, SNR, etc. Includes entries like ZKR Zakros, ZKR Zakros, ZKR Zakros, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SONM Songino Array, A36M Sachs Harbour, F31M Tsigheitchik, etc.

ICC 12 15:33:48.6.5.1, 2.188N:91.00W, h0km, mb3.3/3, mbtmp3.3/5, ML2.7/2, Error ellipse: s-maj=79.1km s-min=42.5km az=137.0

GCG 12 15:33:55.0.1.3, 13.10N:91.54W, h35km, 50km, MD4.3, Presumed earthquake

CATAC 12 15:33:56.0.7.7, 13.15S:99.17W, h10km, 7km, M3.5/16, MLV3.5/16, Error ellipse: s-maj=11.9km s-min=7.2km az=39.0, confirmed

SNET 12 15:33:58.3.1.9, 13.36N:91.25W, h15km, ML3.5, Presumed earthquake

ISC 12 15:33:54.4.2.3, 13.14N:0.08-91.32W, 0.05, h4km, 12km, n40, c1547/53, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STG5 El Palmer, QPAG South Pole Qui, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like APG El Apazote, PMON Piamonte, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TXAR Lajitas Array, NVAR Mira Arra, etc.

ICC 12 15:36:16.8.5.5, 8.88S:124.04E, h53km, 65km, mb3.2/1, mbtmp3.6/4, ML3.8/3, Error ellipse: s-maj=44.1km s-min=37.1km az=178.0

DJA 12 15:36:21.3.0.3, 9.2S:12.4E, h10km, M3.3/6, MLV3.3/6, ISC 12 15:36:17.8.1.3, 8.88S:0.10:123.8E:0.1, h50km, nb, az=256/11, Flores region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOEI Soe, BATI Baumata, etc.

0.3nm, 0.6s

NEIC 12 15:42:06.2.2.4, 23.2S:0.1x:176.05W:0.09, h42km, 4km, mb4.5/21, Error ellipse: s-maj=16.2km s-min=11.8km az=165.0

ICC 12 15:42:15.4.5.4, 23.19S:176.38W, h122km, 46km, mb3.5/5, mbtmp3.9/6, MS3.3/2, Error ellipse: s-maj=42.8km s-min=28.2km az=143.0

ISC 12 15:42:00.6.6.2, 23.2S:0.1x:176.0W:0.1, h35km, n31, c1540/30, mb4.4/14, Tonga Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NIUE Niue, MSVF Nonavou, etc.

CTAO Charters Tower 35.17 268 P P 15 48 55.7 -0.1

WRA Warramunga Arr 46.13 264 P P 15 50 24.4 -1.9

WRA Warramunga Arr 46.14 264 P P 15 50 24.4 -1.9

MTN Mantion Dam 51.10 272 P P 15 51 03.0 -1.5

SBA Scott Base 55.30 184 P P 15 51 36.1 +1.7

QSPA South Pole Qui 66.85 180 P P 15 52 54.1 +0.9

O18K Koktuh Hills 84.52 10 P P 15 54 35.0 +1.2

TXAR Lajitas Array 86.97 56 P P 15 54 48.3 +1.5

H18K Honhosa River 89.14 7 P P 15 54 56.5 +0.3

AKAG Malin Array B 146.30 331 PKPbc PKPdf 16 01 40.2 -0.2

CLL Colim 151.12 348 i PKPbc PKPbc 16 01 54.7 +0.6

NOU 12 15:52:34.4.1.1, 44S:163.91E, h10km, ML4.9/8, Solomon Islands, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HURO Huro Makira, NVOA Tingog Renbel, etc.

Gll 12 15:55:01.6.0.0, 34.164N:0.002:25.599E:0.001, h0km, MWS3.8, confirmed

ISC 12 15:55:03.5.4, 01N:25.69E, h0km, ML3.4/6, ICAO 12 15:55:04.6.1, 2.2418N:25.56E, h0km, mb3.7/8, mbtmp3.7/15, ML3.5/6, MS3.0/5, Error ellipse: s-maj=23.6km s-min=17.0km az=7.0

ATH 12 15:55:07.7, 34.08N:25.69E, h50km, 14km, ML3.3/6, Latitude uncertainty: 3 km; Longitude uncertainty: 1 km

THE 12 15:55:08.3, 34.1N:25.5E, h0km, M3.1/5, MLh3.1/5, AFAD 12 15:55:12.2, 34.38N:25.81E, h7km, 4km, ML2.9

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZKR Zakros, GVD Gavdhos, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DNZT Denizli-Tavas, KNIK Mula-Seydiye, etc.

comp=E, 12nm, 1.8s

comp=E, 2.0nm, 0.6s

comp=N, 19nm, 0.9s

comp=N, 13nm, 1.8s

comp=N, 13nm, 0.7s

comp=N, 32nm, 20.1s, baz=115, slow=43

comp=N, 8.0s, 0.5s

comp=N, 0.8nm, 0.3s, baz=62, slow=18, SNR=2.5

comp=N, 4nm, 0.3s, baz=14, slow=12, SNR=2.1

comp=N, 3.7nm, 20.1s, baz=182, slow=39

comp=N, 1.2nm, 0.6s, baz=150, slow=12, SNR=6.3

comp=N, 0.8nm, 0.6s, baz=179, 321 P

comp=N, 1.7nm, 1.1s, baz=82, slow=9.6, SNR=6.1

comp=N, 1.9nm, 0.8s, baz=153, slow=13, SNR=4.5

comp=N, 0.4nm, 0.4s, baz=41, slow=9.4, SNR=3.6

comp=N, 0.6nm, 0.5s, baz=272, slow=8.6, SNR=10

comp=N, 1.2nm, 0.6s, baz=280, slow=6.6, SNR=20

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, SONM Songino Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BBGH Gun Hill, MCLT Moule a Chique, SLAC Saint Lucia, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCPS Palayan City, PALP Palanan, TMTI Ternate, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JCJ Chichijima, MJAR Matsushiro Arr, KSRS Kora Array, etc.

MAN 12 15:58:30.0, 9.83N, 125.73E, h126km, MS4.2
IDC 12 15:58:32.0, 2.4, 9.76N, 125.63E, h154km, 24km, mb3.7/12,
mbtmp3.2/17, Error ellipse: s-maj=22.0km s-min=10.0km
az=68.0
NEIC 12 15:58:32.9, 1.2, 9.76N, 0.08x125.66E, 0.08, h154km, 6km,
mb4.4/42, Error ellipse: s-maj=13.4km s-min=8.1km
az=41.0
ISC 12 15:58:30.0, 0.6, 9.79N, 0.04x125.81E, 0.05, h137km, 5km,
n99, c144/107, mb4.3/30, Mindanao

AWI 12 16:31:28.2, 70.41S, 4.78W, 2C, Antarctica
Code Station Name Az Phase ID Time Res
VNA2 Neumayer-Watz 1.01 238 P ISC Pg 16 31 47.9 -0.2
VNA1 Neumayer-Stat 1.19 257 P Pg 16 31 49.7 -1.2
VNA3 Neumayer-Olymp 1.82 240 P Pg 16 31 59.7 -1.0

IDC 12 16:36:53.4, 5.1, 2.65S, 171.18E, h0km, mb3.9/6,
mbtmp3.9/6, MS3.4/10, Error ellipse: s-maj=124.5km
s-min=30.4km az=49.0
NEIC 12 16:36:55.3, 1.8, 2.65S, 0.2x71.01E, 0.09, h10km, 2km,
mb4.3/10, Error ellipse: s-maj=28.8km s-min=5.0km
az=152.0
ISC 12 16:36:54.8, 0.9, 2.65S, 0.2x71.01E, 0.1, h10km, n37,
c0579/19, mb4.0/11, MS3.5/10, Mid-Indian Ridge

12d 18h

bz=105.0

UPP 12 17:00:36.9:0.1,67.05N:20.97E,h0km,ML2.2,Suspected explosion

ISC 12 17:00:36.9:1.0,67.05N:0.03:20.96E:0.03,h0km,m19, o#65/23,Sweden

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Lists stations like DUNU, MASU, ERTU, etc.

ISC 12 17:04:18.3:1.1,55.99S:25.50W,h0km,mb4.0/5, mbtmp4.0/6,ML3.6/1,MS3.6/10,Error ellipse:

NEIC 12 17:04:18.3:1.7,56.25S:0.09:26.2W:0.1,h3km,m2km, mb4.3/15,Error ellipse:s-maj=17.9km,s-min=7.6km

ISC 12 17:04:14.0:0.8,56.1S:0.1:26.1W:0.1,h10km,n40, o#1517/1,mb4.3/7,MS3.6/9,1C, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Lists stations like HOPE, VNA1, VNA3, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Lists stations like GO08, TRQ4, PLCA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Lists stations like MAW, SUR, Vnda, etc.

AFAD 12 17:23:22.3,35.73N:35.44E,h27km,m2km,ML2.2

ISK 12 17:23:23.9,35.88N:35.50E,h18km,ML2.6/1

GII 12 17:23:24.9:0.0,35.97N:0.05:34.09E:0.01,n0km, Mw=2.7,confirmed

GRAL 12 17:23:26.5:0.3,35.89N:35.81E,h16km,198km,MD3.1

ISC 12 17:23:24.5:1.5,35.82N:0.02:35.50E:0.04,h20km,5km, n38,o#153/60,Jordan-Syria region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Lists stations like YURE, EREN, etc.

20 MAY

Table with columns: BEIL, Beino, 1.40 156 eP, Pn, 17 23 50.1 +0.3, etc.

Table with columns: BEIL, Beino, 1.40 156 eP, Pn, 17 23 50.1 +0.3, etc.

FUNUV 12 17:37:27.5:7.19N:72.92W,h5km,MW3.4, Presumed earthquake

CATAC 12 17:37:28.5:0.8,7.19N:3.7W,h150km,7km,M3.8/8, MLV3.8/8, Error ellipse:s-maj=11.4km,s-min=5.5km

ISC 12 17:37:27.0:1.0,6.86N:0.03:73.08W:0.04,h158km,6km,n49,o#152/89,Northern Colombia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Lists stations like BARC, PAMC, BRJC, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Lists stations like HELC, CVER, UREC, etc.

742

Table with columns: SMRC, Santa Marta, M, 4.42 345 P, Pn, 17 38 34.3 +1.3, etc.

MOS 12 18:08:36.7:1.0,27.69N:86.03E,h10km,mb5.1/43,Error ellipse:s-maj=6.7km,s-min=3.0km,az=117.5

IDC 12 18:08:36.2:0.6,27.57N:86.08E,h0km,mb4.5/28, mbtmp4.6/33,ML4.7/5,MS3.5/27,Error ellipse:

DMN 12 18:08:37.9:0.1,27.66N:86.16E,h10km,M15.6/3, Error ellipse:s-maj=3.4km,s-min=1.3km,az=26.0

NEIC 12 18:08:38.9:1.6,27.71N:0.07:86.04E:0.08,h10km,1km, mb4.9/20,Error ellipse:s-maj=12.8km,s-min=11.0km

BGR 12 18:08:38.1,27.67N:86.71E,h14km,2km,mb4.8,Ms3.8

ISC 12 18:08:37.0:0.3,27.60N:0.03:86.07E:0.02,h3km,1km, h4km,p#P,n89,o#1938/839,mb4.8/22,MS3.7/37, 46C-18D,Nepal

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Lists stations like JIRN, GUN, PKI, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Lists stations like STMR, DMN, ODAN, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Lists stations like DANN, DANN, DANN, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residuals. Lists stations like GAYA, GAYA, GAYA, etc.

12d 18h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like VSLR, USRK, VRH, KLR, etc.

2020 MAY

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like AK16, AK13, AK18, etc.

744

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like ARCES, ARCES ARCES Array B, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MANZ Manzenberg, NEUB Neuenburg, STAL STALIGAL, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like RDOG Red Dog Mine, NEEM North Greenlan, F14K Arctic Creek, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like L17K Donlin, G23K Bonanza Creek, F24K Squaw Lake, etc.

12d 18h

Table with columns: ILAR, Station Name, Az, El, P, R, SNR, etc. Includes stations like Doyon Strip, McKinley, MCK, STKA, etc.

2020 MAY

Table with columns: P23K, J30M, M27K, etc. Includes stations like Montague Island, Hart River, Edge Creek, etc.

746

Table with columns: MINS, MDCM, MDPB, etc. Includes stations like Minaret Summit, Deadman Creek, Devils Postpil, etc.

REN 12 18:15:13.8±2.0,37.46N±0.01±118.018W±0.006, h10km±6km, Error ellipse: s-maj=2.0km s-min=0.6km az=187.0

NCEDC 12 18:15:13.7±1.6,37.45N±0.01±118.03W±0.02, h13km±5km, Error ellipse: s-maj=2.0km s-min=1.8km az=199.0

NEIC 12 18:15:13.4±1.6,37.44N±0.01±118.02W±0.02, h13km±2km, ML3.9/1.74, ML2.7/5(REN), Mw3.5(NECD), Error ellipse: s-maj=2.2km s-min=1.7km az=218.0, California-Nevada border region

Table with columns: Code, Station Name, Az, El, P, R, SNR, etc. Includes stations like Deep Springs, Five Bridges, Last Change Ra, etc.

Table with columns: Code, Station Name, Az, El, P, R, SNR, etc. Includes stations like Antelope Valle, Monarch Peak, Tropico Hills, etc.

KLR	Kul'dur comp=Z,6.0nm,1.0s,baz=66,slow=5.7,SNR=8.0	82.70	329	P	P	19 14 15.7	+0.9
PINE	Pine Mountain comp=Z,1.5nm,0.8s	82.75	38	I	Amb	19 14 16.1	+0.6
M16K	Timber Creek baz=198	82.88	9	P	P	19 14 16.3	+0.8
O19K	Port Aisworth comp=Z,2.0nm,1.2s	82.89	12	P	P	19 14 15.1	-0.4
CNPM	China Poot comp=Z,2.0nm,1.2s	82.90	13	I	Amb	19 14 16.7	
HOM	Homier baz=205	82.93	13	P	P	19 14 15.8	+0.1
K13K	Kusilivak Mount comp=Z,2.3nm,1.1s	83.04	6	I	Amb	19 14 18.1	
K13K	Kusilivak Mount baz=193	83.04	6	P	P	19 14 16.4	+0.2
N18K	Kilias Creek baz=201	83.05	11	P	P	19 14 15.9	-0.5
TUC	Tucson	83.11	52	P	P	19 14 18.5	+1.1
O20K	Slope Mountain baz=204	83.12	12	P	P	19 14 15.9	-0.9
L15K	Ungalak Mounta baz=196	83.16	8	P	P	19 14 17.0	+0.2
BRLK	Bradley Lake comp=Z,1.9nm,1.1s	83.19	13	I	Amb	19 14 18.4	
BRSE	Bradley Lake S baz=206	83.20	14	P	P	19 14 16.7	-0.4
RED	Redoubt Volcan comp=Z,1.7nm,1.0s	83.39	12	I	Amb	19 14 18.3	
N19K	Bonanza Creek comp=Z,1.3nm,1.1s	83.43	11	I	Amb	19 14 18.6	
N19K	Bonanza Creek baz=202	83.43	11	P	P	19 14 17.7	-0.7
L16K	Owhat River comp=Z,1.7nm,1.1s	83.46	9	I	Amb	19 14 20.2	
L16K	Owhat River baz=197	83.46	9	P	P	19 14 19.0	+0.6
M17K	Hollita River baz=199	83.47	10	P	P	19 14 18.9	+0.5
K15K	Wolf Creek Mou baz=193	83.75	8	P	P	19 14 20.5	+0.7
K15K	Wolf Creek Mou baz=196	83.75	8	P	P	19 14 20.3	+0.5
SEW	Seward comp=Z,1.7nm,1.1s	83.81	14	P	P	19 14 20.2	+0.1
M18K	Stony River baz=201	83.82	10	P	P	19 14 20.2	0.0
Q23K	Middleton Isla baz=210	83.96	16	P	P	19 14 20.7	-0.1
MA2	Magadan comp=Z,1.7nm,1.3s	83.98	345	P	P	19 14 19.7	-1.3
L17K	Donlin baz=190	84.04	9	P	P	19 14 22.0	+0.8
SPCR	Spurr Chakacha baz=204	84.22	12	P	P	19 14 21.8	-0.5
GAMB	Gambell comp=Z,2.0nm,1.0s	84.34	3	P	P	19 14 23.0	+0.3
GAMB	Gambell baz=196	84.34	3	P	P	19 14 23.0	+0.3
L18K	Granite Mounta comp=Z,1.8nm,1.2s	84.37	10	I	Amb	19 14 24.6	
L18K	Granite Mounta baz=200	84.37	10	P	P	19 14 23.0	+0.1
M19K	Big River Lodg comp=Z,9.4nm,1.2s	84.46	11	I	Amb	19 14 23.9	
M19K	Big River Lodg baz=202	84.46	11	P	P	19 14 23.4	+0.1
K17K	Iditarod comp=Z,1.2nm,1.3s	84.59	9	I	Amb	19 14 26.2	
K17K	Iditarod baz=196	84.59	9	P	P	19 14 24.2	+0.2
RC01	Rabbit Creek A comp=Z,2.5nm,1.3s	84.63	13	I	Amb	19 14 24.9	
RC01	Rabbit Creek A baz=206	84.63	13	P	P	19 14 23.7	-0.5
L19K	White Mountain comp=Z,1.8nm,1.2s	84.64	11	I	Amb	19 14 25.5	
L19K	White Mountain baz=202	84.64	11	P	P	19 14 23.9	-0.3
M20K	Styx River comp=Z,1.4nm,1.3s	84.82	8	I	Amb	19 14 23.6	-0.8
J16K	Anvik River baz=196	84.82	8	P	P	19 14 25.3	+0.2
A04D	Lummi Island comp=Z,1.2nm,0.8s	84.86	33	I	Amb	19 14 27.6	
GLI	Glacier Island baz=209	85.05	15	P	P	19 14 25.6	-0.6
J17K	VABM Dome baz=198	85.13	8	P	P	19 14 26.8	+0.2
M22K	Willow baz=206	85.15	13	P	P	19 14 26.5	-0.1
KNK	Knik Glacier comp=Z,1.6nm,1.2s	85.20	14	I	Amb	19 14 27.8	
KNK	Knik Glacier baz=208	85.20	14	P	P	19 14 26.5	-0.5
PMR	Palmer baz=207	85.22	13	P	P	19 14 26.7	-0.3
GS1	Gunungsitoli comp=Z,2.3nm,1.1s	85.23	273	P	P	19 14 27.9	+0.4
GS1	Gunungsitoli baz=204	85.23	273	P	P	19 14 28.1	-0.2
U33K	White Pass baz=221	85.39	23	P	P	19 14 26.8	-1.2
I17K	Unalakleet baz=196	85.39	8	P	P	19 14 27.2	-0.6
121A	Cookes Peak, D HEH	85.44	53	P	P	19 14 29.2	+0.1
HEH	Heihe	85.48	328	eP	pmax	19 14 28.6	+0.1
HEH	HEH	comp=Z,1.7nm,1.2s					
DIV	Divide	85.58	15	I	Amb	19 14 29.7	
SML	Sawmill baz=208	85.58	14	P	P	19 14 28.2	-0.6
M23K	Glacier View baz=208	85.70	14	P	P	19 14 29.6	+0.2
S31K	Pelican baz=219	85.71	21	P	P	19 14 29.4	0.0
BMRM	Bremner River MESA	85.76	17	P	P	19 14 29.0	-0.6
MESA	MESA	85.76	17	P	P	19 14 28.8	-1.1
PPLA	Purkeypile baz=204	85.78	12	P	P	19 14 29.8	-0.1
SCM	Sheep Creek Mo comp=Z,1.3nm,0.9s	85.83	14	I	Amb	19 14 30.9	
SCM	Sheep Creek Mo baz=209,SNR=5.7	85.83	14	P	P	19 14 29.7	-0.4
KLU	Klutina baz=210	85.86	15	P	P	19 14 29.9	-0.4
K20K	Telida comp=Z,1.3nm,1.1s	85.87	11	I	Amb	19 14 31.1	
K20K	Telida baz=202,SNR=11	85.87	11	P	P	19 14 29.8	-0.3
LYN	LuoYang	85.88	309	P	pmax	19 14 31.9	+1.0
LYN	LYN	comp=Z,3.4nm,1.0s					
S32K	Killisnoo baz=220	85.89	22	P	P	19 14 30.0	-0.4
CRQE	Cirque baz=212	85.94	16	P	P	19 14 30.4	-0.2
H16K	Elim baz=195	85.94	7	P	P	19 14 30.1	-0.3
BJJ2	Beijing	86.03	315	P	pmax	19 14 32.0	+0.6
BJJ2	BJJ2	comp=Z,3.0nm,0.5s					
G15K	Niukluk baz=193	86.10	6	P	P	19 14 30.9	-0.3
PINM	Pinnacle baz=215	86.17	18	P	P	19 14 31.2	-0.6
J19K	Poorman comp=Z,1.3nm,1.4s	86.20	10	I	Amb	19 14 33.2	
J19K	Poorman baz=201,SNR=6.1	86.20	10	P	P	19 14 31.9	+0.1
VRDI	Verde Repeater comp=Z,1.5nm,1.2s	86.25	16	I	Amb	19 14 33.3	
M24K	Tolsona, Glenn baz=210	86.33	14	P	P	19 14 32.4	0.0
GLB	Gilahina Butte comp=Z,1.5nm,1.4s	86.34	16	I	Amb	19 14 33.5	
TNA	Tin City baz=189	86.34	4	P	P	19 14 31.9	-0.3
F14K	Arctic Creek baz=191	86.37	5	P	P	19 14 32.3	-0.1
WAT6	Susitna Watana baz=208,SNR=12	86.40	14	P	P	19 14 32.4	-0.5
ELB	Princess Elisa comp=Z,2.9nm,0.9s	86.44	187	dP		19 14 32.5	-0.7

WAT1	Susitna Watana baz=207	86.44	13	P	P	19 14 32.5	-0.4
MCARA	McCarthy VSAT comp=Z,1.9nm,1.3s	86.49	16	I	Amb	19 14 34.4	
MCARA	McCarthy VSAT baz=212	86.49	16	P	P	19 14 33.2	0.0
H17K	Granite Mounta baz=197	86.50	8	P	P	19 14 32.9	-0.2
R32K	Eaglecrest comp=Z,1.2nm,1.1s	86.53	21	P	P	19 14 33.1	-0.3
P29M	Windy Craggy baz=217	86.54	19	P	P	19 14 33.5	0.0
LOGN	Logan Glacier comp=Z,1.8nm,1.2s	86.56	17	I	Amb	19 14 35.0	
BARN	Barnard Glacier comp=Z,2.4nm,1.4s	86.58	17	I	Amb	19 14 35.1	
J20K	Nowinta River comp=Z,1.1nm,1.2s	86.61	10	I	Amb	19 14 34.7	
J20K	Nowinta River baz=202,SNR=7.2	86.61	10	P	P	19 14 33.4	-0.2
KTH	Kantishna Hill comp=Z,7.2nm,1.0s	86.62	12	I	Amb	19 14 34.1	
TRF	Thorafore Moun comp=Z,1.2nm,0.9s	86.65	12	I	Amb	19 14 34.2	
TRF	Thorafore Moun baz=206,SNR=12	86.65	12	P	P	19 14 33.0	-1.0
CHUM	Lake Minchumir baz=214,SNR=9.9	86.66	11	P	P	19 14 33.2	-0.6
F15K	North Star Dit baz=192	86.74	5	P	P	19 14 34.0	-0.2
GYA	Guyiyang comp=Z,8.0nm,0.8s	86.75	300	↑P	pmax	19 14 36.2	+0.9
GYA	GYA	comp=Z,8.0nm,0.8s					
O28M	Mount Upton baz=215	86.75	18	P	P	19 14 34.2	-0.5
VHRN	Van Horn HARP	86.77	56	P	P	19 14 35.7	+0.3
HARP	HARP	86.83	15	P	P	19 14 34.6	-0.1
O29M	Mount Kennedy baz=216	86.83	18	P	P	19 14 34.7	-0.2
PLBC	Plessent Camp baz=218	86.84	20	P	P	19 14 34.6	-0.2
H18K	Honhosa River baz=198	86.90	8	P	P	19 14 34.7	-0.3
DHY	Denali Highway comp=Z,1.5nm,1.1s	86.92	13	I	Amb	19 14 36.1	
DHY	Denali Highway baz=208	86.92	13	P	P	19 14 34.9	-0.4
G17K	Kiwalik Mounta baz=205	86.95	7	P	P	19 14 35.1	-0.1
BPAW	Bear Paw Mtn. baz=205	87.10	12	P	P	19 14 35.8	-0.2
T35M	Bob Quinn baz=224	87.11	24	P	P	19 14 35.7	-0.4
I20K	Nazdeneneel baz=202	87.14	10	P	P	19 14 36.0	-0.1
TX31	Lajitas Ar. Si baz=202	87.17	57	P	P	19 14 37.1	-0.1
TXAR	Lajitas Array comp=Z,2.5nm,0.9s,baz=217,slow=6.4,SNR=23	87.17	57	P	P	19 14 37.8	+0.5
TXAR	Lajitas Array baz=217	87.17	57	P	P	19 14 37.7	+0.3
MCK	McKinley comp=Z,1.6nm,1.1s	87.17	13	I	Amb	19 14 36.8	
MCK	McKinley baz=207,SNR=7.8	87.17	13	P	P	19 14 35.6	-0.8
SKAG	Skagway baz=219	87.17	20	P	P	19 14 36.2	-0.1
P30M	Million Dollar comp=Z,1.2nm,0.9s	87.17	19	P	P	19 14 36.1	-0.4
PAX	Paxson baz=210	87.25	14	P	P	19 14 36.2	-0.6
YUK8	Steele Glacier comp=Z,1.5nm,1.1s	87.28	17	P	P	19 14 36.9	-0.4
M26K	Nabesna, AK comp=Z,1.3nm,1.2s	87.36	16	I	Amb	19 14 38.5	
M26K	Nabesna, AK baz=216	87.36	16	P	P	19 14 37.0	-0.3
YUK6	Outpost Mounta baz=217	87.41	18	P	P	19 14 37.7	-0.1
S34M	Telegraph Cree baz=223	87.45	23	P	P	19 14 38.0	+0.2
YUK3	Moses Creek comp=Z,1.5nm,1.1s	87.50	17	P	P	19 14 38.2	+0.1
H19K	Roundabout Mou baz=200	87.52	9	P	P	19 14 37.7	-0.2
TROLL	Troll, Antarti ANMO	87.53	180	PKIKP	PKIKP	19 19 38.4	+0.4
ANMO	ANMO	87.53	180	P	P	19 14 38.8	+0.1
BRWY	Burwash Landin baz=216	87.56	18	P	P	19 14 38.3	0.0
HYT	Haines Junctio baz=197	87.57	19	P	P	19 14 38.4	0.0
G18K	Tagagawik baz=198	87.57	8	P	P	19 14 37.7	-0.5
M27K	Edge Creek, AK baz=214,SNR=11	87.60	16	P	P	19 14 38.3	-0.3
ALPN	Alpine comp=Z,4.6nm,0.7s	87.64	56	P	I	19 14 39.3	-0.1</

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like G26K Porcupine River, TG1N Hyland Airport, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like CLZ Clausthal, STEB Steborice, COLM Collm, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like ESDC Sonseca Array, ESDC Sonseca Array, KEST Kesra, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NR1K Nori'sk, MLY Harding Lake, ILAR Gielson Array, D24K Happy Valley, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like QSPA South Pole Qui, JAGI Jagai Banyua, JOW Kunigami, MJAR Matras Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KHC Kasperske Hory, GERES GERESS Array B, GERES, etc.

12d 21h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ALS Alishan, ELS Chishang, CHNS Tsauing, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JMA 12:20:39.06.8.0.1.363N, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like IDC 12:21:26.12.6.8.1, CATAC 12:21:26.15.3.0.5, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CARR Ariariga, PCIG Huatulco, CMIG Matias Romero, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CMIG Matias Romero, TGIG Tuxtla Gutieri, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CMIG Matias Romero, TGIG Tuxtla Gutieri, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CMIG Matias Romero, TGIG Tuxtla Gutieri, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like FTIG Fresno de T, TLIG Tlaxiapa, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CEVE Cerro Verde, DAIG Los Arroyos, etc.

2020 MAY

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JAYA San Andres, CEDA San Andres, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LPIG La Paz, TKL Tuckaleechee C, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like IDC 12:21:30.03.9.2.9.0.81S, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like H102 ASCENSION HYDR, DBIC Dimbokro, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LSZ Lusaka, MBAR Mbarara, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JMA 12:21:36.07.9.0.1, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CBIJ Chichi jima, CJCJ Chichijima, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KLR Kulur, PETK Petropavlovsk, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MKAR comp=Z,0.6nm,0.6s, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MKAR Makanchi, PBA Port Blair, etc.

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BORK Borovoye, KK31 Karatay Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AKASO Malin Array B, HFS Hagfors, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BR131 Keskin Array S, BR131 Keskin Array B, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like G11 12:21:58.57.7.0.0.3, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AFAD 12:21:58.59.1, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KARP Karpathos, KARP Karpathos, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like MULA, VAMOS, GVD, etc.

NIED 12:22:04:24.1, 36.26N:137.63E, h2km, MW4.4, Moment Tensor Solution. s3 Moment tensor: Scale 10^19Nm;

JMA 12:22:04:24.1, 36.3N:137.36E:0.1, h2km, 1km, MD4.6/20, MW4.5/20, HIDA MOUNTAINS REGION

JMA Felt J1 at HIDA MOUNTAINS REGION. IDC 12:22:04:25.1, 36.42N:137.63E, h0km, mb3.78,

ISC 12:22:04:27.0, 36.25N:137.84E:0.06, h10km, m68, f162D:23, mb3.710, MS3.6/17.3D, Eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like JNG, MAT, MJAR, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like JFE, JCCN, JIHO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like JNG, JNT, JYTA, etc.

IDC 12:22:41:11.5, 1.1, 12.07S:166.56E, h108km, 9km, mb5.7/27, mbmp6.0/29, MS5.8/56, Error ellipse: s-maj=10.4km

NEIC 12:22:41:12.2, 2.3, 12.07S:0.07:166.65E:0.07, h107km, 1km, mb6.2/21, MW6.6/197, MW6.6/39, Error ellipse:

NEIC 12:22:41:12.5, 12.11S:166.60E, h107km, IPGP 12:22:41:12.0, 12.11S:166.57E, h108km, MW6.7, Fault plane solution:

PTWC 12:22:41:13, 12.10S:166.50E, h100km, MW6.6/9, BUJ 12:22:41:13.5, 12.14S:166.61E, h120km, mb6.7/76,

NEIC 12:22:41:13, 12.10S:166.57E, h110km, NOU 12:22:41:14.9, 12.08S:166.53E, h128km, ML6.5/217, Santa Cruz Islands

MOS 12:22:41:14.1, 1.1, 11.95S:166.46E, h133km, mb6.2/38, MS5.9/35, Error ellipse: s-maj=8.2km s-min=5.4km

GFZ 12:22:41:15.7, 12.12S:166.55E, h120km, MW6.6, Moment Tensor Solution. s20 Moment tensor: Scale 10^19Nm;

GCMT 12:22:41:17.2, 0.0, 12.14S:166.42E, h126km, MW6.6/170, Moment Tensor Solution. s165, c425; s170, c745;

ISC 12:22:41:13.5, 0.2, 12.13S:0.03:166.54E:0.03, h124km, 1km, h125km:pp-P, n2025, c1959/2253, mb6.1/379, 199C-72D,

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like SANVU, HURO, DVP, etc.

Code Station Name Az Phase ID Op ISC Time Res. Includes stations like SANVU, HURO, DVP, etc.

Code Station Name Az Phase ID Op ISC Time Res. Includes stations like SANVU, HURO, DVP, etc.

Code Station Name Az Phase ID Op ISC Time Res. Includes stations like SANVU, HURO, DVP, etc.

Code Station Name Az Phase ID Op ISC Time Res. Includes stations like SANVU, HURO, DVP, etc.

Code Station Name Az Phase ID Op ISC Time Res. Includes stations like SANVU, HURO, DVP, etc.

Code Station Name Az Phase ID Op ISC Time Res. Includes stations like SANVU, HURO, DVP, etc.

Code Station Name Az Phase ID Op ISC Time Res. Includes stations like SANVU, HURO, DVP, etc.

Code Station Name Az Phase ID Op ISC Time Res. Includes stations like SANVU, HURO, DVP, etc.

Code Station Name Az Phase ID Op ISC Time Res. Includes stations like SANVU, HURO, DVP, etc.

Code Station Name Az Phase ID Op ISC Time Res. Includes stations like SANVU, HURO, DVP, etc.

Code Station Name Az Phase ID Op ISC Time Res. Includes stations like SANVU, HURO, DVP, etc.

Code Station Name Az Phase ID Op ISC Time Res. Includes stations like SANVU, HURO, DVP, etc.

Code Station Name Az Phase ID Op ISC Time Res. Includes stations like SANVU, HURO, DVP, etc.

Code Station Name Az Phase ID Op ISC Time Res. Includes stations like SANVU, HURO, DVP, etc.

Code Station Name Az Phase ID Op ISC Time Res. Includes stations like SANVU, HURO, DVP, etc.

Code Station Name Az Phase ID Op ISC Time Res. Includes stations like SANVU, HURO, DVP, etc.

Code Station Name Az Phase ID Op ISC Time Res. Includes stations like SANVU, HURO, DVP, etc.

12d 22h

Table with columns for station name, frequency, power, and signal strength. Includes stations like RABL Rabaul, KD15 Gladstone Soft, PMG Port Moresby, etc.

2020 MAY

Table with columns for station name, frequency, power, and signal strength. Includes stations like KWHZ Kaweka Forest, ARHZ Aroapanou, INKA Innaminka, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like AUMBR Murray Bridge, AUHPC Hawkesdale P12, CORO Coronation Park, etc.

12d 22h

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S. Rows include stations like C17K DeLong Mountain, H21K Melozitna River, IMAR Indian Mountain, etc.

2020 MAY

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S. Rows include stations like O29M Mount Kennedy, HOLB Holberg, AFDM Pine Hills D, etc.

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Table with columns: ID, Name, Az, El, P, S, Az, El, P, S. Rows include stations like B21K Ikipikup River, G25K Bearman Lake, DNR Dunn Ranch, etc.

Table with columns for station name, frequency, and other details. Includes stations like NB2 NORSTAR, NOA NORSTAR, and various other radio stations.

Table with columns for station name, frequency, and other details. Includes stations like RRF13, RRF13, RRF13, and various other radio stations.

Table with columns for station name, frequency, and other details. Includes stations like KRCL, KRalky, KRalky, and various other radio stations.

Table with columns for station name, coordinates, and various data points. Includes stations like Sobral, Paus dos Ferros, Morrinhos-CE, etc.

2020 MAY

Main table with columns for MORF, PFVI, SFS, ENIL, etc. Includes station names like Vila Bisbo, San Fernando, and various data points.

12d 23h

Table with columns for station name, coordinates, and various data points. Includes stations like IPOC Station P, Huaiquique, and various data points.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MACA Manacapuru-AM, TRQA Torquast, and various other local stations.

Table with columns for Code, Station Name, Frequency, Mode, and Signal Strength. Includes stations like GYA Guiyang, H03S2 Juan Fernandez, and various other international stations.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like ABTX Abilene, HTMS Hat Mesa, and various other international stations.

TAP 12:23:45:53.4, 23.00N, 122.47E, h42km, ML3.6, C
ISC 12:23:45:49.3, 1.3, 22.94N, 0.03, 122.50E, 0.03, h14km, 10km,
n89, c074/153, Taiwan region

NEIC 12:23:50:06.4, 1.7, 11.9S, 0.1, 166.73E, 0.09, h11km, 11km,
mb4.4/12, Error ellipse: s-maj=15.4km s-min=11.3km,
az=209.0

IDC 12:23:50:10.5, 5.4, 12.25S, 166.71E, h157km, 49km, mb3.7/7,
mbmp4.1/8, Error ellipse: s-maj=32.0km s-min=30.0km,
az=165.0

ISC 12:23:50:04.8, 0.9, 11.96S, 0.08, 166.6E, 0.2, h100km, n24,
c1910/25, mb4.2/13, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their recorded data.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the NEIC and IDC events.

IDC 12:23:55:39.1, 1.8, 7.28S, 124.02E, h0km, mb3.6/1,
mbtmp3.4/3, ML3.6/1, Error ellipse: s-maj=274.3km
s-min=30.7km az=59.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the IDC event.

RNSC 13:00:27:29.4, 0.0, 7.1N, 173.3W, h147km, 2km, M2.5, ML2.1
FUNV 13:00:27:30.6, 7.11N, 173.10W, h11km, MW2.9, Presumed
earthquake

ISC 13:00:27:26.8, 1.5, 6.89N, 0.03, 73.07W, 0.05, h158km, n26km,
n26, c1949/52, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the RNSC and ISC events.

NNC 13:00:32:02.9, 0.7, 42.70N, 76.63E, h2km, 3km, mb3.1,
mpv3.2, Error ellipse: s-maj=6.0km s-min=2.3km az=164.0
KRNET 13:00:32:03.1, 0.1, 42.70N, 76.68E, h24km, mb2.6

ISC 13:00:32:02.9, 1.0, 42.69N, 0.02, 76.66E, 0.02, h14km, 10km,
n29, c0946/52, 19C-13D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the NNC and ISC events.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the MDOK, BOOM, KNDC, KST, KOTS, KDJ, KJ, TKM2, KBK, TARG, PRZ, SATY, WBO, WRA, LBZ, ASAR, MORW, QSPA, ILAR, MKAR, and BLB events.

SOME 13:00:32:34.1, 40.73N, 78.68E, h10km
NNC 13:00:32:36.2, 0.9, 40.89N, 78.69E, h0km, mb4.0, mpv3.5,
Error ellipse: s-maj=5.8km s-min=4.0km az=159.0

KRNET 13:00:32:36.0, 0.1, 40.89N, 78.74E, h21km, mb3.3
ISC 13:00:32:37.1, 8.40, 95N, 0.08, 78.63E, 0.05, h10km, n40,
c1915/59, 16C-11D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the SOME, KRNET, and ISC events.

13d Oh

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KNDC Almaty, KST Kastek, etc.

JMA 13 00:40:26.2±0.0,36.3N,02±137.6E,0.1,h5km±1km, MV3.2/20,2D,HIDA MOUNTAINS REGION, Eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JGN Niukaw, JNG Nsakai, etc.

NIED 13 00:40:30.4,36.25N,137.63E,h2km,MW4.5,Moment Tensor Solution. s3 Moment tensor: Scale 1015Nm;

ICD 13 00:40:30.3±0.7,36.17N,137.76E,h0km,mb3.7/12, mbtmp3.8/19,ML3.6/7,MS4.0/3 Error ellipse:

JMA 13 00:40:30.4±0.1,36.33N,02±137.6E,0.2,h2km±1km, Md4.7/20,MV4.1/20,HIDA MOUNTAINS REGION

JMA Felt J1 at HIDA MOUNTAINS REGION. NEIC 13 00:40:31.9±1.9,36.17N,02±137.72E,0.09,h10km±1km, mb4.5/35,Error ellipse: s-maj=12.5km s-min=10.2km az=246.0

ISC 13 00:40:31.7±0.5,36.25N,0.03±137.66E,0.03,h10km±1n42, ±135/90,mb4.4/31,1C-1D,Eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JGN Niukaw, JNG Nsakai, etc.

2020 MAY

Main table with columns: JFM, Station Name, Az, Phase ID, Time, Res. Includes stations like Mihama, Sagara, Atsumi, etc.

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Table with columns: C18K, Station Name, Az, Phase ID, Time, Res. Includes stations like Utukok River, K17K Iditarod, etc.

SOME 13 00:54:48.1,41.42N,79.85E,h15km NNC 13 00:54:49.8±2.0,41.42N,79.75E,h0km,mb3.4,mpv3.2, Error ellipse: s-maj=13.3km s-min=11.0km az=151.0

KRNET 13 00:54:55.0±1.1,41.66N,79.69E,h18km,mb2.8

ISC 13 00:54:53.9±2.0,41.64N,0.07±79.83E,0.07,h10km±n33, ±175/50,10C-9D,Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PRZ Przheval'sk, TARG Taragay, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

IDC 13 01:13:57.0,8.6,39.08N;142.92E,h0km,mb3.7/5, mbtmp3.7/5, Error ellipse: s-maj=31.85km s-min=30.6km az=66.0

JMA 13 01:14:04.0,0.1,39.1N;101.3142.5E;0.7,h32km,1km, MV3.5/3.7, E OFF/WATE PREF

ISC 13 01:14:02.0,3.1,39.08N;106.142.6E;0.1,h25km,17km, h20, <0.075/20,mb3.8/5,9D,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the Honshu region.

IDC 13 01:17:09.6,2.5,12.12S;165.35E,h0km,mb4.0/3, mbtmp4.0/4,ML3.7/1, Error ellipse: s-maj=53.1km s-min=43.5km az=100.0,Santa Cruz Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the Santa Cruz Islands region.

SKHL 13 01:21:32.9,0.6,48.40N;155.40E,h72km,6km,mb5.0/7

KRSC 13 01:21:33.8,1.6,48.57N;156.33E,h17km,24km,ML4.6

MOS 13 01:21:34.5,0.8,48.69N;154.76E,h68km,mb4.5/1.0, Error ellipse: s-maj=12.4km s-min=4.1km az=73.1

NEIC 13 01:21:36.4,1.2,48.0N;151.74E;0.2,h64km,6km, mb4.4/2.5, Error ellipse: s-maj=18.8km s-min=10.6km az=139.0

IDC 13 01:21:37.1,3.0,48.74N;154.64E,h75km,25km,mb6.3/23, mbtmp3.9/26, Error ellipse: s-maj=16.9km s-min=11.6km az=153.0

ISC 13 01:21:34.9,1.2,48.57N;155.97E;0.07,h62km,9km, h177,r1834/194,mb4.2/42,5C-9D,Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the Kuril Islands region.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

IDC 13 01:13:57.0,8.6,39.08N;142.92E,h0km,mb3.7/5, mbtmp3.7/5, Error ellipse: s-maj=31.85km s-min=30.6km az=66.0

JMA 13 01:14:04.0,0.1,39.1N;101.3142.5E;0.7,h32km,1km, MV3.5/3.7, E OFF/WATE PREF

ISC 13 01:14:02.0,3.1,39.08N;106.142.6E;0.1,h25km,17km, h20, <0.075/20,mb3.8/5,9D,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the Honshu region.

IDC 13 01:17:09.6,2.5,12.12S;165.35E,h0km,mb4.0/3, mbtmp4.0/4,ML3.7/1, Error ellipse: s-maj=53.1km s-min=43.5km az=100.0,Santa Cruz Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the Santa Cruz Islands region.

SKHL 13 01:21:32.9,0.6,48.40N;155.40E,h72km,6km,mb5.0/7

KRSC 13 01:21:33.8,1.6,48.57N;156.33E,h17km,24km,ML4.6

MOS 13 01:21:34.5,0.8,48.69N;154.76E,h68km,mb4.5/1.0, Error ellipse: s-maj=12.4km s-min=4.1km az=73.1

NEIC 13 01:21:36.4,1.2,48.0N;151.74E;0.2,h64km,6km, mb4.4/2.5, Error ellipse: s-maj=18.8km s-min=10.6km az=139.0

IDC 13 01:21:37.1,3.0,48.74N;154.64E,h75km,25km,mb6.3/23, mbtmp3.9/26, Error ellipse: s-maj=16.9km s-min=11.6km az=153.0

ISC 13 01:21:34.9,1.2,48.57N;155.97E;0.07,h62km,9km, h177,r1834/194,mb4.2/42,5C-9D,Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the Kuril Islands region.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

IDC 13 01:13:57.0,8.6,39.08N;142.92E,h0km,mb3.7/5, mbtmp3.7/5, Error ellipse: s-maj=31.85km s-min=30.6km az=66.0

JMA 13 01:14:04.0,0.1,39.1N;101.3142.5E;0.7,h32km,1km, MV3.5/3.7, E OFF/WATE PREF

ISC 13 01:14:02.0,3.1,39.08N;106.142.6E;0.1,h25km,17km, h20, <0.075/20,mb3.8/5,9D,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the Honshu region.

IDC 13 01:17:09.6,2.5,12.12S;165.35E,h0km,mb4.0/3, mbtmp4.0/4,ML3.7/1, Error ellipse: s-maj=53.1km s-min=43.5km az=100.0,Santa Cruz Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the Santa Cruz Islands region.

SKHL 13 01:21:32.9,0.6,48.40N;155.40E,h72km,6km,mb5.0/7

KRSC 13 01:21:33.8,1.6,48.57N;156.33E,h17km,24km,ML4.6

MOS 13 01:21:34.5,0.8,48.69N;154.76E,h68km,mb4.5/1.0, Error ellipse: s-maj=12.4km s-min=4.1km az=73.1

NEIC 13 01:21:36.4,1.2,48.0N;151.74E;0.2,h64km,6km, mb4.4/2.5, Error ellipse: s-maj=18.8km s-min=10.6km az=139.0

IDC 13 01:21:37.1,3.0,48.74N;154.64E,h75km,25km,mb6.3/23, mbtmp3.9/26, Error ellipse: s-maj=16.9km s-min=11.6km az=153.0

ISC 13 01:21:34.9,1.2,48.57N;155.97E;0.07,h62km,9km, h177,r1834/194,mb4.2/42,5C-9D,Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the Kuril Islands region.

13d 1h

Table with columns: Code, Station Name, Azimuth, Altitude, Position, Residual, etc. Includes stations like WRA Warramunga Arr, AKASG Malin Array Be, SCHO Scheffler, ASAR Alice Springs, etc.

IDC 13 01:28:32.40.6,36.42N,137.60E, h0km mb3.8/16, m1mp3.8/21, ML, S, 5.5, MS4, 2.23, Error ellipse: s-maj=16.0km s-min=7.4km az=175.0
NIED 13 01:28:32.36.26N,137.64E, h3km, MW4.6, Moment Tensor Solution. s3 Moment tensor: Scale 1015Nm; Mn:-0.24; Mw:0.06; Mss:0.18; Mlt:1.91; Mlt:-7.46; Mw:3.14; Fault plane solution: Ms:8.26000x10^15 NP1: p=273.00000, s=69.00000, l=-169.00000. NP2: p=178.00000, s=679.00000, l=-21.00000.
JMA 13 01:28:32.3.0.1, 36.39N,0.2-137.67E:0.1, h3km, 1km, Md4.8/20, MW4.7/20, HIDA MOUNTAINS REGION
JMA Feit III J1 at HIDA MOUNTAINS REGION
NEIC 13 01:28:33.5.1.6, 36.27N,0.04-137.63E:0.05, h10km, 1km, mb4.4/28, Error ellipse: s-maj=9.3km s-min=2.9km bz=134.0
ISC 13 01:28:32.8.1.0, 36.28N,0.03-137.64E:0.03, h7km, 6km, n171, e1928/97, mb4.2/32, MS4.2/26, 1C-5D, Eastern Honshu

Table with columns: Code, Station Name, Azimuth, Altitude, Position, Residual, etc. Includes stations like GGN Niukaw, JGN comp=N,129nm,3.0s, etc.

2020 MAY

Table with columns: TOK Tokyo, JIZS lzushimoda, JYO Yokohimigashi, JSB Shiba, JFY Yanaiku, etc. Includes stations like TOK Tokyo, JIZS lzushimoda, JYO Yokohimigashi, JSB Shiba, JFY Yanaiku, etc.

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Table with columns: HHC comp=E,520nm,12.3s, LR, LR, PETK Petropavlovsk-Guam, ULN Ulaanbaatar, SONM Songino Array, SONM Songino Array, SONM Songino Array, SONM Songino Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and ISC. Includes stations like Pinedale Array, Geres, Davox, TXAR, and Davos/Dischmat.

IDC 13 01:28:41.8, 1.4, 7.72N, 126.30E, h0km, mb3.5/4, mbmp3.5/4, Error ellipse: s-maj=26.2km s-min=13.0km az=130.0

MAN 13 01:28:44.0, 7.51N, 126.13E, h2km, MS3.4, MAN INTENSITY III - NEW BATAAN & NABUNTURAN DAVAO DE ORO - INTENSITY IV - LAAK MARAGASAN MAWAB MONTEVISTA & PANTUKAN DAVAO DE ORO

ISC 13 01:28:43.3, 1.4, 7.49N, 0.03, 126.19E, 0.05, h10km, 10km, n22, c177/30, mb3.6/4, Mindanao

Main table for station data on page 769, listing stations like CDOP, BIFP, DAV, DMPH, etc. with their respective coordinates and parameters.

RSNC 13 01:36:31.0, 0.0, 7.1N, 1.7W, h178km, 1km, M2.4, ML2.2, ML2.8

FUNV 13 01:36:33.3, 7.31N, 72.95W, h5km, MW2.2, Presumed earthquake

ISC 13 01:36:30.1, 1.7, 7.06N, 0.04, 72.94W, 0.06, h177km, 10km, n23, c193/43, Northern Colombia

Main table for station data on page 769, continuing from the previous table with stations like PAMC, BARC, RUSC, etc.

RSNC 13 01:42:54.1, 0.0, 7.1N, 1.7W, h147km, 1km, M2.4, ML2.1, ML2.7

FUNV 13 01:42:55.0, 7.10N, 73.15W, h7km, MW2.7, Presumed earthquake

ISC 13 01:42:52.3, 1.4, 6.88N, 0.03, 73.10W, 0.05, h153km, 9km, n22, c193/43, Northern Colombia

Main table for station data on page 769, continuing with stations like BARC, PAMC, RUSC, etc.

Table for station data on page 770, including stations like UREC, GUY2C, VILVIC, etc.

IDC 13 01:56:06.9, 1.4, 34.21N, 25.88E, h0km, mb3.6/5, mbmp3.4/8, ML2.7/3, Error ellipse: s-maj=37.0km s-min=24.6km az=150.0

ISK 13 01:56:08.7, 34.00N, 26.01E, h10km, ML2.8/16, GII 13 01:56:09.6, 0.0, 33.986N, 0.002, 26.059E, 0.001, h0km, Mws3.2, confirmed

THE 13 01:56:11.8, 34.1N, 33.2E, 1.4, h0km, 37km, M2.6/5, ML2.6/5

AFAD 13 01:56:12.0, 34.29N, 26.27E, h8km, 4km, ML2.5, ATH 13 01:56:14.5, 0.8, 34.34N, 25.90E, h11km, ML2.6/7

ISC 13 01:56:09.6, 1.6, 34.06N, 0.06, 25.99E, 0.03, h14km, 10km, n72, c1560/77, mb3.5/4, Crete

Main table for station data on page 770, including stations like ZKR, NPS, IDI, etc.

ISC 13 01:56:09.6, 1.6, 34.06N, 0.06, 25.99E, 0.03, h14km, 10km, n72, c1560/77, mb3.5/4, Crete

Main table for station data on page 770, continuing with stations like YER, VLI, AKAS, etc.

ISC 13 01:59:35.1, 1.2, 17.98S, 178.54W, h556km, 13km, mb3.6/12, mbmp4.5/15, Error ellipse: s-maj=22.6km s-min=11.8km az=141.0

NEIC 13 01:59:35.3, 2.0, 17.9S, 0.1, 178.56W, 0.10, h549km, 7km, mb4.2/34, Error ellipse: s-maj=19.6km s-min=13.3km az=167.0

NOU 13 01:59:37.0, 18.10S, 178.65W, h549km, mb4.3/14, Fiji Islands Region

ISC 13 01:59:34.8, 0.4, 17.92S, 0.10, 178.54W, 0.09, h550km, n139, c099/139, mb4.2/28, 7C-7D, Fiji Islands region

Main table for station data on page 770, including stations like LBKA, TAVE, DGTI, etc.

Table for station data on page 771, including stations like MSBI, KRMI, PRNI, etc.

CATAC 13 01:58:33.0, 0.0, 10.1N, 2.8W, h19km, 2km, M3.0/7, ML3.0/7, Error ellipse: s-maj=4.0km s-min=3.9km az=63.4, confirmed

UPA 13 01:58:33.5, 0.5, 7.08N, 81.47W, h10km, 999km, ML2.5, Presumed earthquake

ISC 13 01:58:33.2, 0.8, 9.60N, 84.05W, h33km, 1km, MW3.5, Presumed earthquake

ISC 13 01:58:33.4, 0.9, 9.57N, 0.03, 84.03W, 0.03, h30km, 5km, n56, c0949/67, 2C-20D, Costa Rica

Main table for station data on page 771, including stations like RAZU, PTB, LCR2, etc.

ISC 13 01:59:35.1, 1.2, 17.98S, 178.54W, h556km, 13km, mb3.6/12, mbmp4.5/15, Error ellipse: s-maj=22.6km s-min=11.8km az=141.0

NEIC 13 01:59:35.3, 2.0, 17.9S, 0.1, 178.56W, 0.10, h549km, 7km, mb4.2/34, Error ellipse: s-maj=19.6km s-min=13.3km az=167.0

NOU 13 01:59:37.0, 18.10S, 178.65W, h549km, mb4.3/14, Fiji Islands Region

ISC 13 01:59:34.8, 0.4, 17.92S, 0.10, 178.54W, 0.09, h550km, n139, c099/139, mb4.2/28, 7C-7D, Fiji Islands region

Main table for station data on page 771, continuing with stations like LBKA, TAVE, DGTI, etc.

13d 3h

Table containing earthquake data for 13 days, 3 hours. Columns include station codes (TAOE, STKA, STKA, WR8, etc.), station names, magnitudes, depths, and arrival times.

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Main table of earthquake data for May 2020. Columns include station codes (WINA, BZA, CNS, etc.), station names, magnitudes, depths, and arrival times. Includes a confirmed earthquake section for Jan Mayen Island.

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Table containing earthquake data for stations starting with 'N'. Columns include station codes (N30M, C23K, etc.), station names, magnitudes, depths, and arrival times. Includes regional information for the Azores-Cape St. Vincent Ridge.

Table with columns: WHZ, Wether Hill Ro, 26.66 200, P, P, 03 44 12.2 +1.9, 03 44 54.2

IDC 13 03:40:54.9, 0.8, 6.06N, 127.31E, h0km, mb3.9/10, mbtmp:3.9/10, MS3.1/2, Error ellipse: s-maj=39.7km

NEIC 13 03:41:01.2, 1.4, 6.04N, 127.1E, 0.1, h35km, 2km, mb4.6/12, Error ellipse: s-maj=13.2km s-min=12.7km

MAN 13 03:41:01.0, 5.5, 66N, 126.76E, h1km, MS3.6

ISC 13 03:41:00.3, 1.2, 6.02N, 127.06E, 0.06, h33km, 4km, n40, c137/51, mb4.2/16, Philippine Islands region

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

Table with columns: ALLN, Telcor Managua, 0.61 15, P, Pn, 04 07 36.4 -0.1, 04 07 46.2 +0.2

BUI 13 04:14:26.9, 20.7, 79S, 175.92W, h89km, mb5.2/4, mb5.0/10

NEIC 13 04:14:29.9, 1.7, 21.4S, 0.1x176.1W, 0.1, h112km, 4km, mb4.6/12, Error ellipse: s-maj=15.6km s-min=13.5km

NOU 13 04:14:30.8, 2.1, 74S, 175.79W, h94km, mb5.3/21, Tonga Islands

IDC 13 04:14:32.0, 6.7, 21.34S, 176.22W, h141km, 5km, mb4.2/21, mbtmp4.6/21, MS3.3/6, Error ellipse: s-maj=13.9km

BGR 13 04:14:33.6, 21.2, 4S, 175.01W, h143km

ISC 13 04:14:27.9, 0.4, 21.41S, 0.05, 175.91W, 0.05, h102km, 3km, h102km, pP, n364, c157/375, mb4.7/84, 41C-17, Tonga Islands

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

Main table with columns: RAHZ, Maungataniwha, 18.47 198, S, S, 04 21 45.1 -0.2, 04 18 35.0 -0.8

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TNTI, NWAOW, MORW, CASY, QSPA, MJAR, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Paso Flores, MCK, VNA2, M27K, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like FLTG, OJWC, VLDESI, BURAR, etc.

IDC 13 04:39:15.7:0.9.33:33N:132:68E, h0km, mb3.9/10, mbmp3.9/10, MS3.2/3, Error ellipse: s-maj=19.1 km s-min=14.3 km az=40.0

13d 5h

NEIC 13 04:39:22.7.1.9, 31.97N, 0.03:131.72E, 0.06, h35km, 2km, mb4.1/8, Error ellipse: s-maj=9.3km s-min=4.2km az=107.0

ISC 13 04:39:21.6-0.9, 31.99N, 0.04:131.71E, 0.05, h41km, 8km, n48, e134/42, mb4.0/13, MS3.1/3, 10D, Kyushu

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h m s ISC, Res. Includes stations like Tsuchino, Nichinankitago, Hyugahichiya, Takazaki, Kushima-Naru, Izumi3, Suzyama, etc.

ASRS 13 05:39:52.0.8.54, 37N, 86.63E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 13 05:39:54.0.3.5, 43.33N, 86.60E, h0km, mb2.7/2, ML2.3/2, Error ellipse: s-maj=28.8km s-min=17.0km az=52.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h m s ISC, Res. Includes stations like ZALESOVO INFRA, ZALESOVO Beam, Kurchatov Arra, etc.

KRNET 13 05:40:24.0.1.39, 61N, 75.07E, h25km, mb3.2, NNC 13 05:40:25.1.6.5, 39.64N, 74.86E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=58.3km s-min=44.3km az=100.0

SOME 13 05:40:27.0.4.39, 80N, 74.92E, h0km, ISC 13 05:40:24.2.2.1, 39.68N, 0.10:75.05E, 0.05, h10km, n16, e114/27, 14C-2D, South Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h m s ISC, Res. Includes stations like Sufi-Kurgan, Jany-Kuch, Salom-Alik, Naryn, Osh, Arslanbob, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h m s ISC, Res. Includes stations like Uchtor, Boomsokoye usch, Ala-Archa, etc.

IDC 13 05:42:09.5-1.3, 13.61N, 92.51E, h0km, mb3.8/6, mbmt3.8/7, ML4.1/1, MS3.3/3, Error ellipse: s-maj=47.0km s-min=19.8km az=56.0

ISC 13 05:42:13.9-1.3, 13.6N, 92.6E, 0.2, h29km, n12, e053/7, mb3.9/6, Andaman Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h m s ISC, Res. Includes stations like Chiang Mai Arr, Diego Garcia H, Kurchatov Arra, etc.

BUI 13 05:56:27.4, 42.68N, 139.13E, h225km, mB5.0/36, mb5.4/77

MOS 13 05:56:28.7.0.9, 42.76N, 139.01E, h214km, mb5.1/63, Error ellipse: s-maj=5.4km s-min=4.1km az=118.1

NEIC 13 05:56:28.6-2.2, 42.74N, 139.01E, h0km, mb2.7/2, h193km, 4km, mb5.1/777, Mw5.0/11, Error ellipse: s-maj=10.0km s-min=9.1km az=127.0

SKHL 13 05:56:29.7.0.4, 42.70N, 139.20E, h208km, 8km, mb4.9/2, mb5.6/25

NIED 13 05:56:29.9, 42.71N, 139.08E, h208km, MW5.0, Moment Tensor Solution, s3 Moment tensor: Scale 1016Nm

JMA 13 05:56:29.9-0.2, 42.77N, 0.8:13.9E, h208km, 1km, MD4.8/39, MW4.9/39, SW OFF HOKKAIDO

IDC 13 05:56:29.1-0.5, 42.77N, 139.01E, h203km, 4km, mb4.7/37, mbmt5.2/45, MS3.5/6, Error ellipse: s-maj=7.4km s-min=6.6km az=62.0

GCMT 13 05:56:32.6-0.4, 42.72N, 0.03:138.90E, 0.04, h218km, 3km, MW5.1/79, Moment Tensor Solution

JMA 13 05:56:29.9-0.2, 42.77N, 0.8:13.9E, h208km, 1km, MD4.8/39, MW4.9/39, SW OFF HOKKAIDO

IDC 13 05:56:29.1-0.5, 42.77N, 139.01E, h203km, 4km, mb4.7/37, mbmt5.2/45, MS3.5/6, Error ellipse: s-maj=7.4km s-min=6.6km az=62.0

GCMT 13 05:56:32.6-0.4, 42.72N, 0.03:138.90E, 0.04, h218km, 3km, MW5.1/79, Moment Tensor Solution

JMA 13 05:56:29.9-0.2, 42.77N, 0.8:13.9E, h208km, 1km, MD4.8/39, MW4.9/39, SW OFF HOKKAIDO

IDC 13 05:56:29.1-0.5, 42.77N, 139.01E, h203km, 4km, mb4.7/37, mbmt5.2/45, MS3.5/6, Error ellipse: s-maj=7.4km s-min=6.6km az=62.0

GCMT 13 05:56:32.6-0.4, 42.72N, 0.03:138.90E, 0.04, h218km, 3km, MW5.1/79, Moment Tensor Solution

JMA 13 05:56:29.9-0.2, 42.77N, 0.8:13.9E, h208km, 1km, MD4.8/39, MW4.9/39, SW OFF HOKKAIDO

IDC 13 05:56:29.1-0.5, 42.77N, 139.01E, h203km, 4km, mb4.7/37, mbmt5.2/45, MS3.5/6, Error ellipse: s-maj=7.4km s-min=6.6km az=62.0

GCMT 13 05:56:32.6-0.4, 42.72N, 0.03:138.90E, 0.04, h218km, 3km, MW5.1/79, Moment Tensor Solution

JMA 13 05:56:29.9-0.2, 42.77N, 0.8:13.9E, h208km, 1km, MD4.8/39, MW4.9/39, SW OFF HOKKAIDO

IDC 13 05:56:29.1-0.5, 42.77N, 139.01E, h203km, 4km, mb4.7/37, mbmt5.2/45, MS3.5/6, Error ellipse: s-maj=7.4km s-min=6.6km az=62.0

GCMT 13 05:56:32.6-0.4, 42.72N, 0.03:138.90E, 0.04, h218km, 3km, MW5.1/79, Moment Tensor Solution

JMA 13 05:56:29.9-0.2, 42.77N, 0.8:13.9E, h208km, 1km, MD4.8/39, MW4.9/39, SW OFF HOKKAIDO

IDC 13 05:56:29.1-0.5, 42.77N, 139.01E, h203km, 4km, mb4.7/37, mbmt5.2/45, MS3.5/6, Error ellipse: s-maj=7.4km s-min=6.6km az=62.0

GCMT 13 05:56:32.6-0.4, 42.72N, 0.03:138.90E, 0.04, h218km, 3km, MW5.1/79, Moment Tensor Solution

JMA 13 05:56:29.9-0.2, 42.77N, 0.8:13.9E, h208km, 1km, MD4.8/39, MW4.9/39, SW OFF HOKKAIDO

IDC 13 05:56:29.1-0.5, 42.77N, 139.01E, h203km, 4km, mb4.7/37, mbmt5.2/45, MS3.5/6, Error ellipse: s-maj=7.4km s-min=6.6km az=62.0

GCMT 13 05:56:32.6-0.4, 42.72N, 0.03:138.90E, 0.04, h218km, 3km, MW5.1/79, Moment Tensor Solution

JMA 13 05:56:29.9-0.2, 42.77N, 0.8:13.9E, h208km, 1km, MD4.8/39, MW4.9/39, SW OFF HOKKAIDO

IDC 13 05:56:29.1-0.5, 42.77N, 139.01E, h203km, 4km, mb4.7/37, mbmt5.2/45, MS3.5/6, Error ellipse: s-maj=7.4km s-min=6.6km az=62.0

GCMT 13 05:56:32.6-0.4, 42.72N, 0.03:138.90E, 0.04, h218km, 3km, MW5.1/79, Moment Tensor Solution

JMA 13 05:56:29.9-0.2, 42.77N, 0.8:13.9E, h208km, 1km, MD4.8/39, MW4.9/39, SW OFF HOKKAIDO

IDC 13 05:56:29.1-0.5, 42.77N, 139.01E, h203km, 4km, mb4.7/37, mbmt5.2/45, MS3.5/6, Error ellipse: s-maj=7.4km s-min=6.6km az=62.0

GCMT 13 05:56:32.6-0.4, 42.72N, 0.03:138.90E, 0.04, h218km, 3km, MW5.1/79, Moment Tensor Solution

JMA 13 05:56:29.9-0.2, 42.77N, 0.8:13.9E, h208km, 1km, MD4.8/39, MW4.9/39, SW OFF HOKKAIDO

IDC 13 05:56:29.1-0.5, 42.77N, 139.01E, h203km, 4km, mb4.7/37, mbmt5.2/45, MS3.5/6, Error ellipse: s-maj=7.4km s-min=6.6km az=62.0

GCMT 13 05:56:32.6-0.4, 42.72N, 0.03:138.90E, 0.04, h218km, 3km, MW5.1/79, Moment Tensor Solution

JMA 13 05:56:29.9-0.2, 42.77N, 0.8:13.9E, h208km, 1km, MD4.8/39, MW4.9/39, SW OFF HOKKAIDO

IDC 13 05:56:29.1-0.5, 42.77N, 139.01E, h203km, 4km, mb4.7/37, mbmt5.2/45, MS3.5/6, Error ellipse: s-maj=7.4km s-min=6.6km az=62.0

GCMT 13 05:56:32.6-0.4, 42.72N, 0.03:138.90E, 0.04, h218km, 3km, MW5.1/79, Moment Tensor Solution

JMA 13 05:56:29.9-0.2, 42.77N, 0.8:13.9E, h208km, 1km, MD4.8/39, MW4.9/39, SW OFF HOKKAIDO

IDC 13 05:56:29.1-0.5, 42.77N, 139.01E, h203km, 4km, mb4.7/37, mbmt5.2/45, MS3.5/6, Error ellipse: s-maj=7.4km s-min=6.6km az=62.0

GCMT 13 05:56:32.6-0.4, 42.72N, 0.03:138.90E, 0.04, h218km, 3km, MW5.1/79, Moment Tensor Solution

JMA 13 05:56:29.9-0.2, 42.77N, 0.8:13.9E, h208km, 1km, MD4.8/39, MW4.9/39, SW OFF HOKKAIDO

IDC 13 05:56:29.1-0.5, 42.77N, 139.01E, h203km, 4km, mb4.7/37, mbmt5.2/45, MS3.5/6, Error ellipse: s-maj=7.4km s-min=6.6km az=62.0

GCMT 13 05:56:32.6-0.4, 42.72N, 0.03:138.90E, 0.04, h218km, 3km, MW5.1/79, Moment Tensor Solution

JMA 13 05:56:29.9-0.2, 42.77N, 0.8:13.9E, h208km, 1km, MD4.8/39, MW4.9/39, SW OFF HOKKAIDO

IDC 13 05:56:29.1-0.5, 42.77N, 139.01E, h203km, 4km, mb4.7/37, mbmt5.2/45, MS3.5/6, Error ellipse: s-maj=7.4km s-min=6.6km az=62.0

GCMT 13 05:56:32.6-0.4, 42.72N, 0.03:138.90E, 0.04, h218km, 3km, MW5.1/79, Moment Tensor Solution

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h m s ISC, Res. Includes stations like Hokuryu, Iwasaki, Ashibetsu, etc.

Table with columns for station ID, name, coordinates, and performance metrics. Includes stations like TNCH TengChong, F14K Arctic Creek, ANM Nome, etc.

Table with columns for station ID, name, coordinates, and performance metrics. Includes stations like H17K Granite Mounta, LSA Lhasa, SDPT Sand Point, etc.

Table with columns for station ID, name, coordinates, and performance metrics. Includes stations like D20K, E20K Nigu River, Q16K King Salmon, etc.

Table listing race entries for 13d 5h, including details such as track name, distance, time, and horse name.

Table listing race entries for 2020 MAY, including details such as track name, distance, time, and horse name.

Table listing race entries for 780, including details such as track name, distance, time, and horse name.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Neumayer-Watz, Neumayer-Olymp 147.23 20, Neumayer-Stat, San Ignacio, etc.

ASRS 13 06:00:02.0 ± 1.5, 54.10N, 86.48E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC. Includes stations like ZALESOVO INFRA, Zalesovo Beam, Kurchatov Arra, etc.

IDC 13 06:15:46.0 ± 0.36, 29N, 137.55E, h0km, mb3.6/8, mbtmp3.6/12, ML3.1/4, MS3.6/28, Error ellipse: s-maj=20.0km s-min=8.4km az=161.0

NIED 13 06:15:47.4 ± 0.36, 27N, 137.63E, h4km, MW4.3, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm;

JMA 13 06:15:47.4 ± 0.36, 29N, 137.55E, h0km, mb3.6/8, mbtmp3.6/12, ML3.1/4, MS3.6/28, Error ellipse: s-maj=20.0km s-min=8.4km az=161.0

ISC 13 06:15:48.0 ± 0.36, 26N, 137.62E, h0km, mb3.6/8, mbtmp3.6/12, ML3.1/4, MS3.6/28, Error ellipse: s-maj=20.0km s-min=8.4km az=161.0

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC. Includes stations like Niukaw, Matsushiro, Kurchatov Arra, etc.

JMA Felt III J1 at HIDA MOUNTAINS REGION. 13 06:15:48.0 ± 0.36, 26N, 137.62E, h0km, mb3.6/8, mbtmp3.6/12, ML3.1/4, MS3.6/28, Error ellipse: s-maj=20.0km s-min=8.4km az=161.0

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC. Includes stations like Korea Array, Chichijima, Kurchatov Arra, etc.

ISC 13 06:15:48.0 ± 0.36, 26N, 137.62E, h0km, mb3.6/8, mbtmp3.6/12, ML3.1/4, MS3.6/28, Error ellipse: s-maj=20.0km s-min=8.4km az=161.0

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC. Includes stations like Kurchatov Arra, Kurchatov Arra, Kurchatov Arra, etc.

ISC 13 06:15:48.0 ± 0.36, 26N, 137.62E, h0km, mb3.6/8, mbtmp3.6/12, ML3.1/4, MS3.6/28, Error ellipse: s-maj=20.0km s-min=8.4km az=161.0

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC. Includes stations like Kurchatov Arra, Kurchatov Arra, Kurchatov Arra, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like FINES, GNI, AKASG, HFS, NFA, NVAR, VRAC, DAVOX, SCHO, LPAZ, etc.

CATAC 13 06:16:20.0 ± 0.6, 9N, 14.8W, h35km, 14km, M2.2/7, ML2.2/7, Error ellipse: s-maj=30.5km s-min=6.8km az=2.8, confirmed

UPA 13 06:16:23.5 ± 1.2, 9.33N, 80.39W, h18km, 3km, MD3.4, MW3.5, Presumed earthquake

ISC 13 06:16:20.5 ± 1.4, 9.44N, 106.80W, h0km, 0.03, h31km, 12km, n17, c1934/31, 2C-2D, Panama

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC. Includes stations like BCIP, ZANG, FRIJ, GAMB1, CHOR3, ARAA3, ARRA3, PNME, SAFE3, CALO3, CRIS3, CHHO, CHIT3, CANTA, GMAL, ACHO3, DRKO, etc.

SFS 13 06:17:27.7 ± 0.36, 07N, 8.54W, h30km, ML2.8/12, ML2.6/15, ML2.1/15

CNRM 13 06:17:28.8 ± 0.36, 09N, 8.28W, h78km, ML2.0

IGIL 13 06:17:29.5 ± 0.36, 09N, 8.53W, h31km, ML1.6

INMG 13 06:17:29.1 ± 1.2, 3.6N, 09N, 8.52W, h32km, 8km, ML1.8, Error ellipse: s-maj=3.8km s-min=3.2km az=81.0

#DIST_RANGE: REGIONAL #PMA_REGION: SE Cabo S. Vicente

MDD 13 06:17:29.5 ± 1.1, 3.6N, 8.35W, h7km, 4km, mb_Lg2.6/7, Error ellipse: s-maj=8.4km s-min=4.7km az=38.0

ISC 13 06:17:26.4 ± 1.3, 3.6N, 05N, 0.03, 8.53W, 0.05, h35km, n46, c1934/79, West of Gibraltar

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC. Includes stations like PVFI, MORF, BARRANCO-DO-VE, PTEO, PVAQ, etc.

ISC 13 06:17:26.4 ± 1.3, 3.6N, 05N, 0.03, 8.53W, 0.05, h35km, n46, c1934/79, West of Gibraltar

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC. Includes stations like Castro Verde, Sao Teotonio, Vaqueiros, etc.

ISC 13 06:17:26.4 ± 1.3, 3.6N, 05N, 0.03, 8.53W, 0.05, h35km, n46, c1934/79, West of Gibraltar

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC. Includes stations like Barrancos, Messejana, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like PARRA, E1302, PESTR, PMAFR, ZHG, EAD, PCBR, PCAS, MD31, MIDT, TISM, PSIM, TIUINE, OUZ, etc.

ASRS 13 06:25:24.0 ± 1.6, 54.18N, 87.16E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 13 06:25:26.6 ± 0.3, 0.5413N, 87.10E, h0km, mbtmp2.7/2, ML2.5/2, Error ellipse: s-maj=27.1km s-min=18.5km az=58.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC. Includes stations like ZALESOVO INFRA, Zalesovo Beam, Kurchatov Arra, etc.

ASRS 13 06:29:28.0 ± 1.6, 53.79N, 88.23E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 13 06:29:31.2 ± 0.3, 53.67N, 88.16E, h0km, mbtmp3.1/2, ML2.5/2, Error ellipse: s-maj=29.1km s-min=19.5km az=58.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC. Includes stations like ZALESOVO INFRA, Zalesovo Beam, Kurchatov Arra, etc.

IDC 13 06:39:52.6 ± 1.9, 49.49N, 155.71E, h0km, mb3.3/6, mbtmp3.5/8, ML5.5/1, MS2.9/4, Error ellipse: s-maj=37.5km s-min=23.2km az=43.0

MOS 13 06:40:02.0 ± 0.8, 49.84N, 156.66E, h60km, mb4.3/1, Error ellipse: s-maj=22.2km s-min=4.6km az=78.9

KRSC 13 06:40:03.0 ± 1.8, 49.97N, 157.17E, h44km, 25km, M1.4, ISC 13 06:40:02.3 ± 1.1, 49.80N, 156.87E, 0.07, h38km, 3km, n66, c1957/4, mb3.4/7, 1C-1D, Kuril Islands

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC. Includes stations like SKR, PAU, KDTR, etc.

ISC 13 06:40:02.3 ± 1.1, 49.80N, 156.87E, 0.07, h38km, 3km, n66, c1957/4, mb3.4/7, 1C-1D, Kuril Islands

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC. Includes stations like Severo-Kuril's, Pauzhetka, Khodutka, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ACON Acopyapa, SIUN Universidad Ur, QUEP Quepos, etc.

UPA 1307:23.16.0.2.5, 10.31N, 81.43W, h10km, 67km, MW2.7, Presumed earthquake, North of Panama

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KKNTU Kakinté, RBALA Bur, PBVNO Pueblo Nuevo, etc.

SCB 1307:25:56.7.1.1, 17.55S, 69.32W, h164km, 12km, MB4.0, ML3.1/2, Error ellipse: s-maj=9.4km s-min=7.0km az=2.0

ISC 1307:25:56.6.1.2, 17.52S, 69.33W, h164km, n20, e097/23, Peru-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB16 IPOC Station P, BBOD La Paz, BBOJ Jacaqui, etc.

HEL 1307:31:01.6.0.1, 63.98N, 28.11E, h0km, ML1.6, Suspected explosion

IDL 1307:31:02.3.1.8, 63.89N, 28.05E, h0km, mbmtmp2.9/2, ML1.9/2, Error ellipse: s-maj=37.3km s-min=7.7km az=90.0

KOLA 1307:31:00.9.0.7, 64.47N, 31.11E, h0km, ML2.1, Karelia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NIF Nilsia, NIF, RMF Romuvaara, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OUF Merijarvi, JOF Joensuu, JOF Joensuu, etc.

IDL 1307:35:17.5.8.1, 66.76N, 178.42W, h0km, mb3.4/2, mbtmp3.6/4, ML3.5/2, MS2.9/1, Error ellipse: s-maj=141.2km s-min=18.4km az=157.0

ANF 1307:35:25.1.0.9, 66.22N, 175.74W, h1km, 6km, ML4.3/10, Error ellipse: s-maj=3.4km s-min=3.0km az=67.0

NER3 1307:35:30.9.66.10N, 176.00W, h0km

ISC 1307:35:26.4.0.7, 66.20N, 175.81W, h0.03, h10km, n121, e130/133, Near north coast of eastern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TOF Torio, RNF Rovaniemi, BURU Burvik, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H17K Granite Mounta, I17K Unalakleet, C19K Lookout Ridge, etc.

13d 9h

Table with columns: MKAR, Lg, Lg, 09 00 42.3, etc. Includes station names like ZALESOVO INFRA and Zalesovo Beam.

IDC 13 09:04:19.9,3.5,5413N,87.22E, h0km, mbtmp2.4/2, ML2.3/3, Error ellipse: s-maj=32.8km s-min=20.8km az=48.0, Northwest Siberia

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes station names like HAILEY, BEAR CANYON, PEARL LAKE.

IDC 13 09:04:18.4,0.0,44.34N:114.94W, h0km, mbtmp2.9/4, ML3.1/4, Error ellipse: s-maj=12.3km s-min=7.6km az=86.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes station names like HAILEY, BEAR CANYON, PEARL LAKE.

IDC 13 09:04:20.5,0.8,44.35N:0113.87W, h0km, mbtmp2.9/4, ML3.1/4, Error ellipse: s-maj=12.3km s-min=7.6km az=86.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes station names like HAILEY, BEAR CANYON, PEARL LAKE.

IDC 13 09:04:21.4,2.0,44.35N:0113.87W, h0km, mbtmp2.9/4, ML3.1/4, Error ellipse: s-maj=12.3km s-min=7.6km az=86.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes station names like HAILEY, BEAR CANYON, PEARL LAKE.

IDC 13 09:04:22.1,1.2,44.35N:0113.87W, h0km, mbtmp2.9/4, ML3.1/4, Error ellipse: s-maj=12.3km s-min=7.6km az=86.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes station names like HAILEY, BEAR CANYON, PEARL LAKE.

IDC 13 09:04:22.1,1.2,44.35N:0113.87W, h0km, mbtmp2.9/4, ML3.1/4, Error ellipse: s-maj=12.3km s-min=7.6km az=86.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes station names like HAILEY, BEAR CANYON, PEARL LAKE.

2020 MAY

Table with columns: EGM, K04D, PSUT, NVAR, YKA, etc. Includes station names like Eagleton, Chilcoquin, Pine Spring, Mina Array, Yellowknife Ar.

PDG 13 09:09:45.1,0.9,45.15N:14.61E, h9km, mbtmp2.4/2, ML3.5/10, Error ellipse: s-maj=1.5km s-min=1.4km az=90.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes station names like RIJEKA, GORNJA BRIGA, KNEZJI DOL.

BE0 13 09:09:46.0,0.2,45.20N:14.76E, h1km, mbtmp2.4/2, ML3.6/11, Error ellipse: s-maj=1.0km s-min=0.9km az=90.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes station names like RIJEKA, GORNJA BRIGA, KNEZJI DOL.

BE0 13 09:09:46.0,0.2,45.20N:14.76E, h1km, mbtmp2.4/2, ML3.6/11, Error ellipse: s-maj=1.0km s-min=0.9km az=90.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes station names like RIJEKA, GORNJA BRIGA, KNEZJI DOL.

BE0 13 09:09:46.0,0.2,45.20N:14.76E, h1km, mbtmp2.4/2, ML3.6/11, Error ellipse: s-maj=1.0km s-min=0.9km az=90.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes station names like RIJEKA, GORNJA BRIGA, KNEZJI DOL.

BE0 13 09:09:46.0,0.2,45.20N:14.76E, h1km, mbtmp2.4/2, ML3.6/11, Error ellipse: s-maj=1.0km s-min=0.9km az=90.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes station names like RIJEKA, GORNJA BRIGA, KNEZJI DOL.

BE0 13 09:09:46.0,0.2,45.20N:14.76E, h1km, mbtmp2.4/2, ML3.6/11, Error ellipse: s-maj=1.0km s-min=0.9km az=90.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes station names like RIJEKA, GORNJA BRIGA, KNEZJI DOL.

BE0 13 09:09:46.0,0.2,45.20N:14.76E, h1km, mbtmp2.4/2, ML3.6/11, Error ellipse: s-maj=1.0km s-min=0.9km az=90.0

786

Table with columns: BLY, BLY, BLY, etc. Includes station names like Banja Luka, Koelnbreinspre.

BE0 13 09:09:46.0,0.2,45.20N:14.76E, h1km, mbtmp2.4/2, ML3.6/11, Error ellipse: s-maj=1.0km s-min=0.9km az=90.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes station names like RIJEKA, GORNJA BRIGA, KNEZJI DOL.

BE0 13 09:09:46.0,0.2,45.20N:14.76E, h1km, mbtmp2.4/2, ML3.6/11, Error ellipse: s-maj=1.0km s-min=0.9km az=90.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes station names like RIJEKA, GORNJA BRIGA, KNEZJI DOL.

BE0 13 09:09:46.0,0.2,45.20N:14.76E, h1km, mbtmp2.4/2, ML3.6/11, Error ellipse: s-maj=1.0km s-min=0.9km az=90.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes station names like RIJEKA, GORNJA BRIGA, KNEZJI DOL.

BE0 13 09:09:46.0,0.2,45.20N:14.76E, h1km, mbtmp2.4/2, ML3.6/11, Error ellipse: s-maj=1.0km s-min=0.9km az=90.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes station names like RIJEKA, GORNJA BRIGA, KNEZJI DOL.

BE0 13 09:09:46.0,0.2,45.20N:14.76E, h1km, mbtmp2.4/2, ML3.6/11, Error ellipse: s-maj=1.0km s-min=0.9km az=90.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes station names like RIJEKA, GORNJA BRIGA, KNEZJI DOL.

BE0 13 09:09:46.0,0.2,45.20N:14.76E, h1km, mbtmp2.4/2, ML3.6/11, Error ellipse: s-maj=1.0km s-min=0.9km az=90.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes station names like RIJEKA, GORNJA BRIGA, KNEZJI DOL.

BE0 13 09:09:46.0,0.2,45.20N:14.76E, h1km, mbtmp2.4/2, ML3.6/11, Error ellipse: s-maj=1.0km s-min=0.9km az=90.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Niksic, Divibare, Stuetta, Kasperske Hory, Moravsky, etc.

KNET 13 09:25:05.0-0.1, 40:73N-80:28E, mb3.1
SOME 13 09:25:07.2, 40:93N-80:00E, h15km
NNC 13 09:25:08.4, 1.8, 41:04N-80:03E, h0km, mb3.5, mpv3.1,
Error ellipse: s-maj=14.8km s-min=11.5km az=61.0
ISC 13 09:25:07.4, 2.9, 40:9N-01:80:07E, 0.09, h10km, n16,
a1529/26, 10C-3D, Southwestern Xinjiang

2020 MAY

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UZB, PDGK, KDJ, SATY, ARX, MK31, etc.

ASRS 13 09:55:14.0, 1.2, 54:28N-86:16E, h0km, M2.7(MOS), The
earthquakes of Russia in 2020, Obninsk, GS RAS, 2022.
ISC 13 09:55:15.7, 2.8, 54:27N-86:17E, h0km, mbtmp3.1/2,
ML2.7/2, Error ellipse: s-maj=22.2km s-min=14.2km
az=45.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RMF, KU1, KU6, KU6, MSF, etc.

SOME 13 10:03:05.1, 40:82N-75:00E, h10km
NMC 13 10:03:06.7, 2.1, 40:87N-75:01E, h0km, mb3.1, mpv2.6,
Error ellipse: s-maj=4.5km s-min=9.3km az=178.0
ISC 13 10:03:06.9, 2.8, 40:9N-01:75:02E, 0.05, h10km, n16,
a1517/23, Kyrgyzstan-Xinjiang border region

13d 11h

Table with columns: KRBS, 0.6nm, 0.4s, Lg, Lg, 10 04 36.0, 2.82 10 eP, Sg, 10 03 59.3 -1.7, 0.4nm, 0.3s, eS, Pg, 10 04 38.1 +0.5, 15nm, 0.5s, SATY, 3.31 49 Pg, Pb, 10 04 07.1 +1.3, 2.0nm, 0.4s, SATY, 24nm, 0.4s, Lg, Lg, 10 04 51.8, 3.31 49 eP, Sg, 10 04 07.1 +1.3, 2.0nm, 0.4s, SATY, 24nm, 0.4s, eS, Pb, 10 04 51.8 -1.6

IDC 13 10:03:17.2, 0.8, 39.48N, 74.26E, h0km, mb4.0/12, mbmp4.0/17, ML3.3/5, MS2.9/3, Error ellipse: s-maj=17.5km s-min=15.8km az=95.0

NNC 13 10:03:20.4, 3.9, 39.74N, 74.49E, h0km, mb4.3, mpv4.0, Error ellipse: s-maj=30.2km s-min=18.6km az=130.0

KRNET 13 10:03:21.4, 0.1, 39.84N, 74.17E, h30km, mb4.1

ISC 13 10:03:19.0, 1.6, 39.82N, 0.06, 74.21E, 0.03, h5km, gkm, n49, c1343/67, mb3.9/11, 23C-20D, Southern Xinjiang

Main table for 13d 11h section, listing stations like Sufi-Kurgan, Salom-Alik, Osh, Jany-Kuch, Naryn, Uchtor, ARK, Batken, Ala-Archa, etc. with columns for Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, H, M, S, ISC.

GII 13 10:04:51.1, 0.0, 33.78N, 0.03, 25.62E, 0.01, h0km, Mws3.4, confirmed, ATH 13 10:05:00.3, 1.0, 34.09N, 25.72E, h11km, ML2.7/6, Latitude uncertainty: 6 km; Longitude uncertainty: 5 km, THE 13 10:05:00.7, 34.14N, 14.2E, h34km, 23km, M2.6/5, MLh2.6/5, ISC 13 10:04:55.2, 0.3, 33.76N, 0.07, 25.75E, 0.07, h24km, 19km, n22, c1349/32, Eastern Mediterranean Sea

2020 MAY

Table for 2020 MAY section, listing stations like Zakros, Neapolis, Anoyia, Gavdhos, Varnos, Karpathos, etc. with columns for Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, H, M, S, ISC.

NEIC 13 10:11:34.2, 0.9, 7.31S, 0.08, 79.3W, 0.1, h65km, gkm, mb4.2/9, Error ellipse: s-maj=21.4km s-min=5.0km az=55.0, Near coast of northern Peru

Table for NEIC section, listing stations like Nana, Cruzeiro do Sul, San Lorenzo, Otavalo, La Paz, IPOC Station, Pisagua, etc. with columns for Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, H, M, S, ISC.

JMA 13 10:20:11.0, 0.1, 24.7N, 0.8, 123.6E, 0.2, h67km, 1km, MV3.0/14, NW OFF ISHIGAKIJIMA IS

ISC 13 10:20:12.1, 1.7, 24.6N, 0.1, 123.62E, 0.04, h65km, 14km, n17, c084/24, Southwestern Ryukyu Islands

Table for JMA/ISC section, listing stations like Iriomote-Funau, Kuro-shima, Ishigaki jima, etc. with columns for Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, H, M, S, ISC.

IDC 13 10:47:18.3, 2.2, 53.31N, 63.13E, h0km, mb3.5/1, mbmp3.3/4, ML2.8/3, Error ellipse: s-maj=59.9km s-min=20.0km az=18.0

ISC 13 10:47:18.7, 1.3, 53.00N, 0.1, 63.13E, 0.09, h10km, n7, c098/7, 2C-3D, Western Kazakhstan

Table for IDC/ISC section, listing stations like Aktyubinsk, AKTO, AB31, etc. with columns for Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, H, M, S, ISC.

SOME 13 10:55:27.4, 43.65N, 69.65E, NNC 13 10:55:28.6, 1.3, 43.67N, 69.71E, h0km, mb3.9, mpv3.2, Error ellipse: s-maj=6.9km s-min=4.8km az=134.0, Suspected Mining explosion.

ISC 13 10:55:33.0, 2.1, 43.66N, 0.09, 70.14E, 0.09, h0km, n7, c1905/9, 2C-2D, Central Kazakhstan

Table for SOME/ISC section, listing stations like Karatay Array, Borolei, BRLS, etc. with columns for Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, H, M, S, ISC.

Table for 2020 MAY section, listing stations like BTLS, SGDS, AAK, KST, etc. with columns for Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, H, M, S, ISC.

IDC 13 11:03:56.0, 2.1, 9.90S, 76.33W, h86km, 20km, mb3.3/2, mbmp3.7/5, Error ellipse: s-maj=38.2km s-min=16.1km az=86.0

ISC 13 11:03:50.8, 1.3, 9.65S, 0.1, 76.4W, 0.2, h35km, n9, c025/216, Central Peru

Table for IDC/ISC section, listing stations like Nana, NNA, ATAH, LPAZ, H03N1, etc. with columns for Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, H, M, S, ISC.

IDC 13 11:13:32.2, 1.6, 18.67N, 101.83E, h0km, mb3.2/3, mbmp3.1/4, ML3.3/1, Error ellipse: s-maj=29.1km s-min=20.6km az=10.0

BKK 13 11:13:34.5, 0.9, 19.1N, 5.10E, h5km, M3.5/11, Mjma3.4/11, ML3.6/10, MLv3.4/10, MSB/3.3/5

ISC 13 11:13:34.1, 1.3, 18.7N, 0.1, 101.71E, 0.09, h10km, n9, c1965/10, mb3.3/3, Laos

Table for IDC/BKK/ISC section, listing stations like NANT, UTTAR, LAMP, etc. with columns for Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, H, M, S, ISC.

MAN 13 11:22:34.0, 6.04N, 126.47E, h71km, MS3.2, IDC 13 11:23:00.4, 2.1, 1.24N, 124.35E, h0km, mb3.1/3, mbmp3.1/3, Error ellipse: s-maj=220.0km s-min=28.8km

ISC 13 11:22:34.6, 1.3, 6.06N, 0.08, 126.4E, 0.1, h93km, 13km, n10, c147/16, Mindanao

Table for MAN/ISC section, listing stations like Don Marcelino, Davao City, General Santos, etc. with columns for Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, H, M, S, ISC.

HLW 13 11:27:40.2, 26.78N, 34.69E, h31km, 3km, Md2.7, M2.4, SGS 13 11:27:41.1, 27.00N, 34.84E, h17km, M1.9, ISC 13 11:27:35.5, 1.7, 26.82N, 0.05, 34.74E, 0.04, h1km, 14km, n23, c1951/17, Red Sea

Table for HLW/SGS/ISC section, listing stations like Al Ghardagh, Almawayliyah, KRABS, etc. with columns for Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, H, M, S, ISC.

WEL 13 11:27:49.6, 1.0, 34.58S, 17.9W, h202km, 23km, mb4.4/2, ML4.0/9, MLV3.9/7, MW(mB)3.6/2, Error ellipse: s-maj=11.8km s-min=10.5km az=83.2, South of Kermadec Islands

Table for WEL section, listing stations like WMGZ, PKGZ, PKGZ, etc. with columns for Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, H, M, S, ISC.

Table with columns: Station Name, Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Puketiti, Raukumara Rang, Te Karaka, Matawai, Urewera, Rimuhau, Waipu Caves, Maungataniwha, etc.

BGSI 13 11:51:55.9, 1.5, 26.94S:27.62E, h124km, 43km, ML3.6, Presumed earthquake. PRE 13 11:51:58.3-0.9, 26.93S:26.72E, h2km, ML2.9, Presumed earthquake.

ISC 13 11:51:57.2, 1.2, 26.93S:0.03, 26.64E:0.03, h0km, 10km, n29, c198/50, South Africa

Main station list table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Parys, Western Deep L, HartRAO, Senekal, Makgori, Lobatse, Carolina, Sekoma, Phepang, Kaudwane, Pietermaritzburg, Kokstad, Upington, KHWEE, Badfontein, Carmeboo Natio, Kacgae, Ukamas, Grahamstown, Grantham, Fraserburg, Merweville, Sutherland, Ghanzi, Calvinia, Komaggas, Porterville, etc.

TXNET 13 11:52:03.5, 32°N, 104°3'W, 1.0, h6km, 1km, ML3.6/14, Error ellipse: s-maj=1.8km s-min=1.2km az=37.4, final NEIC 13 11:52:03.8, 1.1, 31.655N:104.31W, h5km NEIC 13 11:52:03.8, 1.1, 31.655N:0.007:104.31W:0.02, h5km, 1km, mb_Lg3.6/166, ML3.5/54, Mw3.5/35, Error

ellipse: s-maj=2.8km s-min=2.5km az=256.0, Moment Tensor Solution, Moment tensor: Scale 10^14Nm, Mn=2.16; Mw=1.87; Mm=0.30; Me=-1.56; Ms=0.58; Mv=0.09; Fault plane solution: M2.63000x10^14 NP13, 96.16000°, 363.27000°, λ-100.32000°. NP2: 298.19000°, 328.51000°, λ-70.43000°. Principal axes: T 2.5219, P18.0000°, Azm194.0000°; N 0.1999, P199.0000°, Azm101.0000°; S -2.7218, P197.0000°, Azm344.0000°; ISC 13 11:52:04.2-0.9, P1.64N:0.02:104.30W:0.02, h0km, 7km, n96, c984/108, Western Texas

Main station list table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Culberson Cou, China Draw, Reeves-Culbe, Pecos, Carlsbad E Tow, Saragosa, West of Imperi, Hovey Rd, Monahans, Alpine, Permian Basin, Cap Rock, Odessa, Seminole, El Paso, Midkiff, Rankin, Greenwood, Klondike, Lajitas Ar. Si, Lajitas Ar. Si, Lajitas Array, Sanderson, Muleshoe, Sterling City, Post, Ozona, Carthage, Socorro, Snyder 07, South Baldy, Dickens, Albuquerque, Albuquerque, Albuquerque, Albuquerque, Del Rio, Amarillo, Aspermont, Junction City, Abilene, Lazy B Ranch, Brady, Rita Blanca, etc.

Table with columns: Station Name, Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Palo Pinto, Wichita Moun, Lake Whitney, Cleburne, Smith Ranch, Perchaven, Mendoc, Waynoka, Terrell, Currier, Battle Ridge R, Argonia South, Depew, Pawnee Station, Pleasant, Cedar Bluff, Sooner Cattle, Rose Lookout, Gravette, etc.

IDC 13 11:54:08.2, 1.3, 2.93S:129.87E, h0km, mb3.8/3, mbmp3.8/8, ML3.7/3, MS2.8/2, Error ellipse: s-maj=44.0km s-min=21.8km az=84.0, DJA 13 11:54:12.1, 0.7, 3.5S:4.13E, h16km, 7km, MA, 0.14, mb6.9/2, mb4.6/1, MLV3.7/14, Mw(mb)6.8/2, MwMwp5.0/1, Mwp5.3/1

ISC 13 11:54:11.7, 0.8, 2.91S:0.06:129.90E:0.05, h25km, n16, c1563/17, mb4.1/3, Seram

Main station list table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Karang Ratu, Bandanaira, Fak Fak, Sorong, Warramunga Arr, Alice Springs, Makanchi Arr, Kuruchatov Arr, etc.

IDC 13 12:08:02.7, 2.2, 62.75N:150.73W, h82km, 25km, mb3.7/4, mbmp3.9/8, MS3.2/1, Error ellipse: s-maj=25.3km s-min=2.5km az=81.0, NEIC 13 12:08:05.1, 0.7, 62.90N:0.03:150.52W:0.07, h92km, 5km, ML3.2/14, ML3.0(AEIC), Error ellipse: s-maj=4.6km s-min=4.3km az=88.0, AEIC 13 12:08:05.3, 0.7, 62.90N:0.03:150.51W:0.07, h87km, 5km, Error ellipse: s-maj=4.5km s-min=4.4km az=139.0, ISC 13 12:08:04.5, 0.8, 62.90N:0.03:150.52W:0.03, h98km, 6km, n178, c982/195, mb4.0/4, Central Alaska

Main station list table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Petersburg, Chulitna, Thorofare Moun, Kantissha Hill, Purkepylle, Susitna Watana, Reindeer, Skwentna, McKinley, Willow, Bear Paw Mtn, etc.

Table with columns for station ID, name, coordinates, and time. Includes stations like CHUM Lake Minchumir, WAT6 Susitna Watana, GHO Glory Hole Cre, etc.

Table with columns for station ID, name, coordinates, and time. Includes stations like WASW Wrangell South, MENT Mentasta, SCRR Sand Creek, etc.

Table with columns for station ID, name, coordinates, and time. Includes stations like KDAK comp=N,18nm,0.4s, L15K Ungalak Mounta, ACHA Chalk Hill, etc.

Code Station Name Az El Phase ID Time Res
WRA Warramunga Arr 19.53 161 P 12 51 11.6 -0.1

13d 13h

Table with columns for station ID, name, elevation, and various performance metrics (pP, pS, pmax, etc.). Includes stations like XLT, BILL, ULN, SONM, M11K, TNA, K13K, F14K, ANM, L14K, M14K, M14K, M14K, C16K, L15K, H16K, M15K, N15K, D17K, J16K, O15K, I17K, RDOG, C17K, E17K, L16K, L16K, G17K, M16K, H17K, N16K, J17K, CHGN, CHGN, E18K, O16K, L17K, C18K, K17K, F18K, H18K, G18K, M17K, N17K, O17K, C19K, L18K, P17K, F19K, GCSA, G19K, D19K, N18K, M18K, E19K, E19K, J19K, Q18K, L19K, D20K, F20K, E20K, B20K, B20K, N19K, H20K, M19K, I20K, J20K, A21K, IMAR.

2020 MAY

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like C21K, M20K, G21K, B21K, E21K, F21K, OHAK, OHAK, H21K, A22K, PPLA, SPCR, KDAK, KDAK, KDAK, Q20K, B22K, F22K, H22K, G22K, BPAW, KTH, KTH, MLY, BRLK, BRLK, TRF, D23K, D23K, G23K, C23K, H23K, I23K, E23K, TOLK, NEA2, MCK, D24K, E24K, C24K, KNK, SML, H24K, F24K, COLA, G24K, POKR, D25K, D25K, IL31, IL31, ILAR, ILAR, ILAR, D25K, D25K, GLI, G25K, F25K, F25K, E25K, E25K, M24K, K24K, PRP, J25K, KLU, C26K, PAX, Q23K, EYAK, HARP, RIDG, RIDG, F26K, F26K, C27K, C27K, SCRK, DOT, I26K, KAIM, L26K, M26K, E27K, G27K, MCARA, H27K.

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Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like D27M, I27K, CROE, L27K, M27K, F28M, E28M, MESA, I28M, D28M, YUK3, E29M, H29M, G29M, BRWY, M29M, L29M, EPYK, MK31, MK31, MKAR, MKAR, K29M, YUK4, F30M, MAK2, MAK2, MAK2, MAK2, I30M, J30M, HYT, N30M, G31M, KURK, KURK, KURK, KURK, INK, INK, INK, INK, F31M, KURBB, P29M, H31M, N31M, O30N, PLBC, M31M, WHY, N32M, A36M, P32M, MPMY, P33M, S32K, BVAR, BORK, BORK, V35K, T35M, BOOM, BOOM, BOOM, EVN, ARTI, ARTI, ARTI, ARTI, ARTI, YKA, YKA, YKA, AB31, ABKAR, TULEG, KEV, KEV, KEV, ARCES, ARCES, ARCES, BLKN, BLKN, SUMG, SUMG, SUMG, SUMG.

Table with columns: Call Sign, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes rows for FIA1, FINES, FINES Array B, etc.

NEIC 13 13:20:43.2, 1.3, 10.51'S; 0.07x166.38E; 0.02, h10km, 1km, mb4.9/71, Mw4.9/14, Error ellipse: s-maj=12, 1km s-min=3.2km az=355.0

GCMT 13 13:20:47.2, 0.2, 10.46S; 0.01x166.27E; 0.01, h17km, 1km, MW5.0/106, Moment Tensor Solution: s46, c58, s106, c173, Duration: 0, Moment tensor: Scale: 10^16Nm; Mw=0.64; Mw=1.80; Mw=1.16; Mw=1.17; Mw=3.30; Mw=1.89; Mw=1.89; Best double couple: Mw=24700x10^16 NP2=164.00000; 869.00000; lambda=159.00000; NP2=164.00000; 870.00000; lambda=22.00000. Principal axes: T 9.3970, P 1.0000, Azm213.0000; N 0.6200, Plg60.0000, Azm304.0000; P -4.5580, Plg30.0000; Azm123.0000; nstai refers to body waves, cutoff=40s. nstaz2 refers to surface waves, cutoff=50s. Triangular moment-rate function IDC 13 13:20:47.2, 0.2, 10.75S; 166.30E; h58km, 23km, mb3.7/19, mbmp=4.0/22, ML4.4/3, MS3.9/52, Error ellipse: s-maj=16.6km s-min=14.6km az=65.0

NOU 13 13:20:48.4, 10.71'S; 166.06'E, h30km, MLv5.5/14, Santa Cruz Islands

ISC 13 13:20:46.1-0.3, 10.59'S; 0.05x166.34E; 0.05, h36km, n171, c1534/126, mb4.7/62, MS4.0/56, 1C-1D, Santa Cruz Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes rows for Code, LUES, HRO, HUES, etc.

Main table of seismic events with columns: Call Sign, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes rows for RAO, ARMA, NIUE, etc.

Main table of seismic events with columns: Call Sign, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes rows for SBA, XAN, XILinHaoTe, etc.

13d 13h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various numerical values. Includes stations like BMAR, H27K, KVN, DLBC, etc.

NOU 13:13:30:12.5, 107.6S:162.36E, h12km, MLv4.5/4, Solomon Islands, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various numerical values. Includes stations like HURO, SAVO, LUES, SANVU, etc.

IDC 13:14:20.7:2.1, 42.96N:144.98E, h48km, mb4.1/24, mbmp4.4/30, ML2.8/3, MS3.7/13, Error ellipse: s-maj=16.4km s-min=13.4km az=105.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various numerical values. Includes stations like AKK, JKH, JAK, etc.

JMA 13:14:24.0:1.4, 42.96N:145.01E, h79km, mb4.7/23, Error ellipse: s-maj=9.4km s-min=5.4km az=91.3

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various numerical values. Includes stations like AKK, JKH, JAK, etc.

2020 MAY

Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various numerical values. Includes stations like JCH, YUK, JTKR, etc.

Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and various numerical values. Includes stations like KNGR, UNV, M11K, etc.

Table of station data for 795, including call signs (F20K, H20K, M19K, etc.), frequencies, and various technical parameters.

Table of station data for 2020 MAY, including call signs (MAKZ, MAK2, MAKZ, etc.), frequencies, and various technical parameters.

Table of station data for 13d 13h, including call signs (ARTI, ARTI, ARTI, etc.), frequencies, and various technical parameters.

13d 14h

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like Malin Array, Pinedale Array, Blindstream Ca, etc.

IDC 13 13:46:54.6, 1.7, 41.07N, 83.32E, h0km, mb3.3/1, mbmp3.47, ML3.1/6, Error ellipse: s-maj=28.2km

SOME 13 13:46:55.5, 41.43N, 83.72E, h10km, NNC 13 13:47:02.8, 1.6, 41.51N, 83.37E, h0km, mb4.1, mpv3.8, Error ellipse: s-maj=12.0km, s-min=8.7km, az=155.0

ISC 13 13:47:07.1, 1.4, 41.73N, 0.008, 83.27E, 0.05, h10km, n34, az=12/46, 16C-5D, Southern Xinjiang

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like Shalkode, Podgornoye, Uzunbulak, etc.

2020 MAY

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like MKAR, MAKZ, KUU, KSH2, AAK, etc.

KRSC 13 13:50:24.2, 2.2, 48.68N, 156.48E, h6km, 35km, MI4.0, East of Kuril Islands

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like SKR, PAU, KDR, etc.

IDC 13 13:50:37.5, 58.0, 25.20S, 176.65W, h239km, 126km, mb3.2/3, mbmp3.7/4, Error ellipse: s-maj=1070.0km, s-min=125.1km, az=91.0, South of Fiji Islands

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like MSVF, STKA, ASAR, WRA, etc.

CATAC 13 14:05:30.7, 0.5, 14.1N, 3.9W, h30km, 3km, M3.7/11, MLV3.7/11, Error ellipse: s-maj=7.6km, s-min=2.8km, az=32.2, confirmed

GCG 13 14:05:32.1, 1.1, 14.34N, 91.79W, h53km, 10km, MD4.0, ML4.0, Presumed earthquake

ISC 13 14:05:31.4, 1.7, 14.22N, 91.91W, 0.07, h29km, 11km, CEVE 00, 281042, Guatemala

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like RTAL, STG2, STG5, etc.

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Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like JAYA, CEDA, MTO3, etc.

KRNET 13 14:09:58.9, 0.1, 42.89N, 77.27E, h18km, mb2.5, NOME 13 14:09:59.2, 42.88N, 77.28E, h10km, NNC 13 14:09:58.9, 1.9, 43.13N, 76.94E, h0km, mpv2.5, Error ellipse: s-maj=19.4km, s-min=11.2km, az=141.0

ISC 13 14:09:58.3, 1.0, 42.90N, 0.003, 77.30E, 0.04, h19km, 2km, n16, az=63/31, 8C-6D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like TNSS, TNS5, MDOK, etc.

IDC 13 14:51:10.5, 0.7, 43.34N, 46.58E, h0km, mb3.6/10, mbmp3.6/18, ML3.5, MS2.98, Error ellipse: s-maj=12.9km, s-min=7.7km, az=173.0

MOS 13 14:51:12.6, 43.12N, 46.65E, h11km, MPVA4.6, NORS 13 14:51:12.7, 43.07N, 46.62E, h4km, MPVA4.5

DRS 13 14:51:12.7, 43.15N, 46.72E, h3km, TIF 13 14:51:13.0, 43.14N, 46.56E, h3km, 2km

ISC 14:51:13.3, 0.8, 43.23N, 0.002, 46.71E, 0.02, h14km, 5km, n141, az=206/236, mb3.7/10, MS2.9/6, 7C-1D, Eastern Caucasus

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like ULHL, TARG, TKM2, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like URKR, SHTL, SHAT, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GRVY, GRRY, GORNOY, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HEL, KOLA, IDC, etc.

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

NEIC 13 15:47:59.7±0.9, 21.1S; 0.2±178.6W; 0.1, h539km, 11km, mb4.1/17, Error ellipse: s-maj=24.7km s-min=13.7km az=150.0

IDC 13 15:47:59.7±1.6, 21.1±12S; 178.65W, h544km, 18km, mb3.0/8, mbmp3.9/11, Error ellipse: s-maj=24.0km s-min=16.5km az=142.0

ISC 13 15:48:01.9±0.6, 21.0S; 0.1±178.7W; 0.1, h579km, n37, r152/37, mb3.8/16, Fiji Islands region

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

IDC 13 15:56:15.0±3.5, 55.89N; 114.34E, h0km, mb3.0/2, mbmp3.2/4, ML3.2, MS3.8/1, Error ellipse: s-maj=47.2km s-min=22.9km az=42.0

BYKL 13 15:56:15.0±1.5, 56.11N; 114.20E, h17km, 2km

ISC 13 15:56:14.9±0.7, 55.98N; 0.03±114.19E; 0.02, h10km, n38, c271/75, 2C-20, East of Lake Baykal

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

Main table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SVKR, UKT, NLYR, etc.

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

IDC 13 16:05:10.1±2.0, 41.01N; 117.38W, h0km, mbmp2.5/3, ML3.2/3, Error ellipse: s-maj=18.1km s-min=6.6km az=151.0

NEIC 13 16:05:12.7±1.0, 40.75N; 0.07±117.19W; 0.07, h0km, 1km, ML2.1/25, Error ellipse: s-maj=14.8km s-min=4.3km az=326.0

ISC 13 16:05:11.3±1.5, 41.00N; 0.10±117.29W; 0.06, h0km, n14, c078/15, Nevada

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

MEX 13 16:07:04.0±1.8, 13.86N; 93.38W, h17km, 131km, MD4.0, Presumed earthquake

GCG 13 16:07:05.6±1.6, 13.79N; 92.97W, h34km, 67km, MD3.9, ML4.1, Presumed earthquake

ISC 13 16:06:49.8±1.7, 13.54N; 0.07±93.45W; 0.03, h10km, 11km, n26, r180/43, 1C, Off coast of Chiapas

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

IDC 13 16:08:27.7±1.0, 19.54S; 169.80E, h0km, mb3.9/8, mbmp4.0/10, ML4.3/2, MS3.4/15, Error ellipse: s-maj=30.2km s-min=21.3km az=156.0

NEIC 13 16:08:28.9±1.0, 19.45S; 0.07±169.9E; 0.1, h10km, 1km, mb4.4/10, Error ellipse: s-maj=19.8km s-min=11.8km az=91.0

ISC 13 16:08:32.0±0.7, 19.55S; 0.1±169.82E; 0.09, h35km, n34, c083/25, mb4.1/12, MS3.5/13, Vanuatu Islands

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

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like MSVF Nonsavu, AFI Afiamalu, BKZ Black Stump, etc.

Station identification text: IDC 13 16:45:49.6:0.6:27.69S:71.62W, h40km, 3km, ML3.2, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like KK31 Karatay Array, AAK Ala-Archa, etc.

Station identification text: IDC 13 16:45:11.8:3.2:1.95N:127.47E, h182km, 33km, mb3.3/8, etc.

Station identification text: DJA 13 16:45:13.2:0.4:2.14N:127.8E, h179km, 43km, MB3/19, etc.

Station identification text: NEIC 13 16:45:13.7:1.6:2.02N:0.09X:127.67E, h195km, 8km, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like TNTI Ternate, SGSI Sangihe, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like WRA Warrungunga Arr, ASAR Alice Springs, etc.

Station identification text: GUC 13 16:45:49.6:0.6:27.69S:71.62W, h40km, 3km, ML3.2, etc.

Station identification text: IDC 13 16:45:49.2:2.27:41S:71.07W, h0km, mb4.0/1, etc.

Station identification text: ISC 13 16:45:47.1:2.3:27.81S:0.04X:71.77W, h0.09, h7km, 12km, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like AC04 Llanos de Chal, GO03 Copiapo, etc.

Station identification text: ISK 13 16:50:01.8:3.34:10N:25.65E, h5km, ML3.1/8, etc.

Station identification text: IDC 13 16:50:02.5:1.7:34:11N:106.256E, h0.03, h1km, 9km, etc.

Station identification text: NEIC 13 16:50:03.5:2.3:34:06N:0.08X:25.58E, h0.07, h10km, 1km, etc.

Station identification text: THE 13 16:50:05.3:34:19N:98.27E, h2km, 31km, M3.1/8, etc.

Station identification text: ATH 13 16:50:07.4:34:28N:25.73E, h30km, 11km, ML3.1/7, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like ZKR Zakros, NPS Neapolis, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like KARP Karpathos, IMMV Iera Moni Meta, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Includes stations like BCAR, M29M, PPLA, SKT.

ISC 13 16:54:25.3; 1.2, 13.02N; 87.19W, h0km, mb3.4/5, mbtmp3.57, ML3.4/2, MS2.5/2, Error ellipse: s-maj=54.9km s-min=13.7km az=52.0

ISC 13 16:54:31.3; 1.0, 12.44N; 0.04; 87.77W, 0.03, h53km; 12km, n125, 0.07/184, mb3.3/5, 4C-9D, Near coast of Nicaragua

Main station list table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Lists numerous stations including Cosiguina Volc, San Cristobal, Intipuca, La Caada, etc.

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

MCSM 13 17:03:38.0; 0.5, 34.7N; 7.15E, h10km; 3km, mb4.0, mb4.9, MLV4.0, Mw(mb)4.2

ISC 13 17:03:39.2; 0.8, 34.67N; 14.95E, h0km, mb3.8/17, mbtmp3.8/28, ML3.6/9, MS2.9/13, Error ellipse: s-maj=16.6km s-min=15.5km az=25.0

NEIC 13 17:03:41.2; 2.3, 34.90N; 0.05; 15.04E; 0.08, h10km; 1km, mb4.0/10, Error ellipse: s-maj=11.9km s-min=6.7km az=24.0

ISC 13 17:03:39.8; 0.6, 34.84N; 0.06; 15.06E; 0.05, h10km, n89, c2507/95, mb3.9/21, MS3.0/8, 3C-5D, Central Mediterranean Sea

Main station list table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Lists stations like WDD, RAFF, VAE, CEL, etc.

Main station list table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, ISC. Lists stations like TIRR, VRI, CFR, VRAC, BURAR, etc.

NEIC 13 17:09:54.9; 0.8, 47.64N; 0.04; 92.78W; 0.05, h0km; 2km, ML3.2/12, Error ellipse: s-maj=6.3km s-min=5.1km az=160.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like EYMN Ely, E38A The Farm, Brul, E38A 286nm, 0.5s, EPLO Experimental L, AGMN Agassiz National, SPMN Marine on St., TBO Thunder Bay, G40A Rib Lake, F33A 5 Mile Ranch, ULM Lac du Bonnet, F42A Maple Grove Fa, H40A Norwalk, H42A Dreager Farm, ECSD EROS Data Cent, JFW5 Jewell Farm, FCAR Ozark Folk Cen, PDAR Pinedale Array, YHL Hebgan Lake, BOZ Bozeman (W), PDX1 Paradox Vpaley, YKA Yellowknife Ar, TXAR Lajitas Array, NVAR Mina Array Bea.

KRSC 13 17:11:19.7.2.1, 49°13'N x 157°20'E, h30km, 25km, M13.7, East of Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like SKR Severo-Kuril's, PAU Puzhetka, KOTR Khodutka, ASAK Aschoda, RUS Russkaya, MTRV Mutnovka, GRL Gorelyy, KRMR Karymshinskiy, APC Apacha, PET Petropavlovsk, DALK Dalny, UGLR Uglovaya, AVH Avacha, SMAR Somma, KOK Koryaka, SDLR Sedlovina, KRER Koryakskiy, KRX Arik, SPN Mys Shipunski, GNL Ganaly, MKZ Mys Kozlova.

IDC 13 17:13:13.5.371.0, 51°04'N x 66°61'E, h0km, Error ellipse: s-maj=132.9km s-min=107.5km az=51.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like I31KZ AKTYUBINSK INF, I43RU DUBNA INFRASON, I37NO I37NO, I37NO I37NO.

WEL 13 17:19:04.1, 0.4, 42°S.2' x 172°E.1', h5km, M3.2/19, ML2.8/6, MLV3.2/19, Error ellipse: s-maj=4.2km s-min=2.6km az=92.7

NOU 13 17:19:05.1, 41°92'S, 171°76'E, h9km, MLV3.6/13, South Island, New Zealand

ISC 13 17:19:04.5, 0.9, 41°98'S, 0°02'-171°82'E, 0°03, h8km, 8km, n71, e1509/78, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like RDSC Reefton DOC Ce, INGS Inangahua Fire, DSZ Denniston Nort, WBCS Westport Bulle, MCASZ Murchison, SJFS Springs Juncti, KASC Karama School, INZ Inchbonnie, THZ Tophouse, LTZ Lake Taylor, QRTZ Quartz Range, QRTZ Quartz Range, QRTZ Quartz Range, QRTZ Quartz Range, GVTZ Greta Valley S, AMCZ Amberley, KHZ Kahutara, KHZ Kahutara, WVZ Waitha Valley, OXZ Oxford, NNZ Nelson, MHCZ Mount Hutt, THWC Tuamarina, GCSZ Gauck Creek Bo, RACZ Raika, CMWZ Cape Campbell, RPZ Rata Peaks.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like RPZ Rata Peaks, MQZ McQueen's Vall, WACZ Wakanu South, DWKZ Okains Bay, DUVK D'Urville Isla, TCWZ Tony Channel, ARCC Arundel, AKCC Akaroa Harbour, FOZ Fox Glacier, SNZO South Karori, SNZO South Karori, SNZO South Karori, BWZ Barrow Head, TMZ Timaru, CAW Cannon Point, MMSW Moikau Station, LBZ Lake Benmore, CGWZ Otaki George, H0WZ Holdsworth Sta, JCCZ Jackson Bay, JCCZ Jackson Bay, MRZ Mangatainoka R, KHEZ Kahui Hut, KHZ Kahui Hut, ODZ Otahua Downs, ODZ Otahua Downs, PREZ Palmer Road, LREZ Lake Rotokare, WAZ Wanganui, WRZ Wray Road, TSZ Takapari Road, PKVZ Pokaka, PNHZ Pukenui, WVNZ Wahianoa, NGZ Ngauruhoe, WTVZ West Tongariro, OTVZ Oturere, BHHZ Black Hill Sta, TMVZ Te Maari, HIZ Hauri, HIZ Hauri, BKZ Black Stump Fm.

IDC 13 17:27:05.1, 6.1, 42°63'N, 127°06'W, h0km, mb3.3/2, mbmp3.3/4, ML3.5/2, MS3.0/1, Error ellipse: s-maj=102.9km s-min=28.1km az=29.0

NEIC 13 17:27:10.2, 1.5, 43°06'N, 0°08'-127°00'W, 0.2, h10km, 2km, ML3.2/42, Error ellipse: s-maj=15.1km s-min=12.8km az=226.0

ISC 13 17:27:10.1, 1.9, 43°11'N, 0°1'-127°00'W, 0.2, h10km, n42, e1519/34, Off coast of Oregon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like I03D Drain, OR, BBOR Butler Butte, H04D Lebanon, H04D comp=N, 49nm, 2.4s, H04D comp=E, 58nm, 1.1s, I04A comp=N, 49nm, 2.4s, G03D comp=N, 56nm, 1.2s, G03D comp=E, 52nm, 3.3s, M02C Callahan, L04D Calamath Falls, L04D comp=E, 42nm, 3.0s, J04A comp=N, 49nm, 2.4s, F03A Seaside, H04A Detroit Lake, H04A comp=E, 23nm, 2.1s, H04A comp=N, 28nm, 3.5s, G04A Mulino, WIFE Three Sisters, WIFE comp=N, 27nm, 3.0s, WIFE comp=E, 37nm, 3.2s, J05D Fort Rock, OR, J05D comp=N, 25nm, 4.0s, J05D comp=E, 28nm, 4.3s, HOOD Mount Hood Mea, HOOD comp=N, 25nm, 0.5s, PINE Pine Mountain, PINE comp=N, 22nm, 4.5s, PINE comp=E, 19nm, 3.7s, K05A Summer Lake, K05A comp=N, 18nm, 3.6s, K05A comp=E, 23nm, 3.8s, G05A Wamic, NLWA Neilton Lookou, NLWA comp=E, 28nm, 3.5s, G06A Carlson Farm, G06A comp=E, 15nm, 4.0s, G06A comp=N, 13nm, 4.0s, LON Longmire, LON comp=E, 12nm, 0.6s, I07A comp=N, 13nm, 4.0s, CVS Carmenet Viney, BFB5 Barfield, CLRS Cowichan Lake, PGC Sidney, LTY Liberty, G08A Grot Rock, BBB Bella Bella, BBB comp=E, 0.2nm, 0.3s, bazz=180, slow=9.1, SNR=1.8, BBB comp=E, 1.9nm, 0.7s, PDAR Pinedale Array, PDAR Pinedale Array, ANKO Albuquerque, YKA Yellowknife Ar, YKA Yellowknife Ar, ILAR Eielson Array, ILAR Eielson Array, H1N3 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy.

SOME 13 17:31:21.0, 39°93'N, 76°90'E, h15km, KRNET 13 17:31:24.5, 0.1, 40°17'N, 76°90'E, h19km, mb3.9, NNC 13 17:31:25.2, 1.2, 40°15'N, 76°91'E, h0km, mb4.0, mpv3.8, Error ellipse: s-maj=8.4km s-min=6.5km az=158.0

ISC 13 17:31:23.8, 1.1, 40°06'N, 0°04'-76°81'E, 0.03, h10km, n66, e1591/96, 20C-22D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s ISC. Includes stations like KSH2 Kashi, KSH2 comp=N, 470nm, 0.6s, JNKS Jany-Kuch, JNKS Jany-Kuch, NNRN Naryn, NNRN Taragay, Kyrgy, TARG Taragay, Kyrgy, KDJ Kajisay, KDJ Kajisay, ULHL Ulahol, ULHL SNR=109, ULHL Ulahol, BOOM Boomskeye usch, BOOM Boomskeye usch, SFK Sufi-Kurgan, SFK Sufi-Kurgan, ARLS Aral, ARLS Aral, PRZ Przheval'sk, PRZ Przheval'sk, UCH Uchter, UCH Uchter, UCH Uchter, UCH Karagaybulak, UCH Karagaybulak, KBK Karagaybulak, KBK Karagaybulak, TNSS Tian-Shan, TNSS comp=E, 16nm, 0.6s, TNSS Tian-Shan, TNSS comp=E, 25nm, 0.7s, TNSS Tian-Shan, TNSS comp=E, 16nm, 0.6s, TNSS comp=E, 35nm, 0.5s, TNSS Tokmak 2, TNSS Tokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, KST Kasteek, KST comp=E, 34nm, 0.6s, KST comp=E, 120nm, 0.7s, KST comp=E, 34nm, 0.6s, MDOK Medeo, MDOK comp=E, 33nm, 0.5s, MDOK comp=E, 121nm, 0.6s, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, AAK comp=E, 11nm, 0.4s, AAK Ala-Archa, AAA Alma-Ata, AAA comp=E, 7.8nm, 0.3s, AAA comp=E, 7.1nm, 0.6s, AAA Alma-Ata, AAA comp=E, 7.8nm, 0.3s, KAND Almaty, KAND comp=E, 82nm, 0.8s, KNDC comp=E, 200nm, 0.7s, KOTS Kotrybulak, KOTS Kotrybulak, KOTS Kotrybulak, SATY Saty, SATY comp=E, 18nm, 0.6s, SATY comp=E, 69nm, 0.8s, SATY Saty, SATY comp=E, 18nm, 0.6s, DGS Degeres, DGS comp=E, 33nm, 0.5s, DGS comp=E, 69nm, 0.5s, DGS Degeres, DGS comp=E, 33nm, 0.5s, DGS comp=E, 69nm, 0.5s, CHMS Chumysh, CHMS SNR=10, CHMS Chumysh, CHMS SNR=10, EKS2 Erkin-Say, EKS2 Erkin-Say, UZB Uzynbulak, UZB comp=E, 12nm, 0.4s, UZB comp=E, 34nm, 1.1s, UZB Uzynbulak, UZB comp=E, 12nm, 0.4s, KURS Kuram, KURS comp=E, 14nm, 0.9s, KURS comp=E, 17nm, 0.5s, USP Ospanovka, USP SNR=6.0, USP Ospanovka, SHLS Shalkode, SHLS comp=E, 20nm, 0.5s, SHLS Shalkode, SHLS comp=E, 15nm, 0.5s, SHLS comp=E, 62nm, 0.5s, KPKS Kokpek, KPKS comp=E, 0.4nm, 0.2s, KPKS comp=E, 39nm, 0.6s, KRBS Karabastau, KRBS comp=E, 16nm, 0.5s, KRBS Karabastau, KRBS comp=E, 16nm, 0.5s, KRBS comp=E, 14nm, 0.6s, SGDS Sogindiy, SGDS comp=E, 8.1nm, 0.8s, SGDS comp=E, 22nm, 0.5s, MRKS Merke, MRKS comp=E, 14nm, 0.5s, MRKS Merke, MRKS comp=E, 33nm, 0.5s, KUU Kurty, KUU comp=E, 33nm, 0.5s, KUU Kurty, KUU comp=E, 5.5nm, 0.1s, ARXS Arharly, ARXS comp=E, 35nm, 0.5s.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARXS, ARXS Arhary, ARXS eS, BLB Baldybastay, etc.

NEIC 13 17:31:45.3:2.2, 44.06N:0.05:105.42W:0.05, h0km, 1km, ML3, 1/30, Error ellipse: s-maj=10.1km s-min=4.7km az=331.91

IDC 13 17:31:45.4:1.6, 44.26N:105.72W, h0km, mbtp3, 2/2, ML3, 0/2, Error ellipse: s-maj=54.4km s-min=9.8km az=145.0

ISC 13 17:31:44.5:1.0, 44.02N:0.06:105.25W:0.04, h0km, n21, c1517/23, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RSSD Black Hills, K22A Casper, K22A IAML, etc.

IDC 13 17:42:49.9:1.8, 6.98S:129.02E, h0km, mb3, 6/2, mbtp3, 4/4, ML3, 6/2, MS3, 7/1, Error ellipse: s-maj=116.4km s-min=30.5km az=68.0, Banda Sea

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

NOU 13 17:47:48.1, 14.91S:167.20E, h0km, MLv4, 6/19, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SANVU Saraoutou, SANVU Saraoutou, DVP Devils Point, etc.

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

IPEC 13 18:08:15.5:0.1, 50.24N:18.77E, h1km, ML2, 9/5, Error ellipse: s-maj=1.8km s-min=0.8km az=176.0

MCSM 13 18:08:16.2:0.4, 50.1N:13.1E, h4km, 7km, MLv2, 9, VIE 13 18:08:16.2:0.7, 50.1N:13.1E, h4km, mb2, 4.5, ml2, 7/8, Error ellipse: s-maj=13.8km s-min=2.4km az=158.0 18 km SSW of Katowice Suspected Mining induced.

PRU 13 18:08:16.3, 50.27N:18.74E, h0km BGR 13 18:08:20.8:0.7, 50.16N:18.49E, h1km, ML3, 2/19, Error ellipse: s-maj=10.0km s-min=6.7km az=2.0

ISC 13 18:08:14.1:0.7, 50.30N:0.03:18.80E:0.02, h0km, n76, c1844/125, 6C-4D, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ANAC Anensky vrch, ANAC 260nm, 0.5s, baz=79, MORC Moravsky Berou, etc.

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

IDC 13 18:15:15.3:2.1, 51N:126.93E, h0km, mb3, 4/4, mbtp3, 4/4, Error ellipse: s-maj=124.6km s-min=25.7km az=108.0

DJA 13 18:15:21.3:0.3, 2N:33.12E, h10km, M3, 5/13, mb4, 1/1, MLv3, 2/13

MAN 13 18:15:21.2, 0.246N:126.34E, h1km, MS3, 7, ISC 13 18:15:16.2:1.6, 2.6N:0.1:127.2E:0.2, h10km, n9, c0531/9, mb3, 3/3, Northern Molucca Sea

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

NEIC 13 18:36:26.6:0.7, 44.39N:125.21W:0.04, h16km, 10km, ML3, 0/70, ML3, 4/11 (BU), Error ellipse: s-maj=5.0km s-min=3.5km az=217.0

BUT 13 18:36:29.2:0.6, 44.42N:125.03:115.14W:0.04, h16km, 8km, Error ellipse: s-maj=4.4km s-min=3.2km az=217.0

IDC 13 18:36:32.2, 44.39N:115.01W, h0km, mbtp2, 9/3, ML3, 0/3, Error ellipse: s-maj=32.5km s-min=21.3km az=151.0

ISC 13 18:36:27.5:0.9, 44.41N:0.03:115.18W:0.03, h11km, n50, c188/50, Western Idaho

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PLID Pearl Lake, PLID 372nm, 0.5s, PLID IAML, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res h m s, Res ISC. Includes stations like BFID Camas Ranch, BCYI Bear Canyon, CMC1 Crows Nest Can, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res h m s, Res ISC. Includes stations like WRA 0.7nm,0.3s, ASAR 0.6nm,0.4s, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res h m s, Res ISC. Includes stations like OPO 133nm,0.3s, OPO Ampohiratempo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res h m s, Res ISC. Includes stations like LSA Lhasa, CMAR Chiang Mai Arr, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res h m s, Res ISC. Includes stations like WRA 0.7nm,0.3s, ASAR 0.6nm,0.4s, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res h m s, Res ISC. Includes stations like OPO 133nm,0.3s, OPO Ampohiratempo, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NOUC, NFK, SANVU, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CTA, CTAO, CMA, etc.

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

Table with columns: IATA, Airport Name, Elevation, Frequency, Class, Mode, and other flight details. Includes airports like CTJI, SBUM, SBU, JNU, etc.

Table with columns: IATA, Airport Name, Elevation, Frequency, Class, Mode, and other flight details. Includes airports like R17L, IRM, USRK, TPRI, etc.

Table with columns: IATA, Airport Name, Elevation, Frequency, Class, Mode, and other flight details. Includes airports like O19K, O19K, HOM, ILSW, etc.

13d 20h

Table with columns for station ID, name, coordinates, elevation, and other parameters. Includes stations like L29M, F20K, H24K, etc.

2020 MAY

Table with columns for station ID, name, coordinates, elevation, and other parameters. Includes stations like F26K, A19K, D23K, etc.

810

Table with columns for station ID, name, coordinates, elevation, and other parameters. Includes stations like TNCH, CIT, YKA, etc.

13d 21h

Table of astronomical observations for 13d 21h, listing stations like PRU, PLAR, PLN, etc., with columns for station name, time, and residuals.

2020 MAY

Main table of astronomical observations for 2020 MAY, listing stations like RJOB, BLBK, PGB, etc., with columns for station name, time, and residuals.

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Table of astronomical observations for NEIC 13 20:31:05.4, 1.7, 77:95:0.05, 178:6W:0.2, h54km, gkm, etc., listing stations like MSVF, MSVF, FUNA, etc., with columns for station name, time, and residuals.

Table with columns: Station, Name, Time, Az, El, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like HFS Hagfors, ARSA Arzberg, PVCC Panska Ves, etc.

Table with columns: Station, Name, Time, Az, El, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like CEST Esteri de Car, MBAR Mbarara, PETK Petropavlovsk, etc.

Table with columns: Station, Name, Time, Az, El, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like JCJ Chichijima, BSO3 Boso 3, JOD2 Odawara 2, etc.

NIED 13 21:27:48.6, 31:20'N-142:83'E, h21km, MW4.2, Moment Tensor Solution, s3 Moment tensor: Scale 10^19Nm; Mn:1.47; Mw:0.44; Mw-1:0.03; Mw-1.45; Mw-0.71; Mw-0.53; Fault plane solution: M2.01000x10^15 NP; 6.183 00000; 3.42 00000; 1.42 00000; 8.63 00000; 1.123 00000; JMA 13 21:27:48.6, 0.2, 31.2N, 0.9, 14.3E; h21km, MV4.3/9, FAR E OFF IZU ISLANDS; IDC 13 21:27:50.1, 0.7, 31.00N, 141.183E, h0km, mb3.9/17, mbtmp3.9/21, ML3.6/4, MS3.3/15, Error ellipse: s-maj=19.8km s-min=15.0km az=63.0; NEIC 13 21:27:53.7, 1.1, 30.96N, 0.06, 141.9E, 0.1, h22km, 5km, mb4.5/34, Error ellipse: s-maj=14.7km s-min=7.3km az=69.0; ISC 13 21:27:53.4, 0.5, 30.96N, 0.05, 141.89E, 0.08, h24km, n90, +104.9/0, mb4.3/33, MS3.4/11, Southeast of Honshu

13d 22h

Table with columns: Station Name, Time, Res, ISC, Phase ID. Rows include PDAR Pinedale Array, PDAR Keskin Array B, BRTR Keskin Array B, etc.

IDC 13 21:48:20.0±0.3, 6.89S-129°37'E, h131km, 39km, mb3.0/1, mbtmp3.6/5, Error ellipse: s-maj=63.2km s-min=21.4km az=90.0, Banda Sa

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Rows include SIJI Sorong, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

IDC 13 21:54:17.6±1.5, 19°12'Sx177°48'W, h569km, 16km, mb3.0/5, mbtmp4.0/7, Error ellipse: s-maj=24.5km s-min=21.6km az=159.0

ISC 13 21:54:17.1±0.8, 19°05'Sx177°30'W±0.1, h570km, n11, ±19±13, mb3.5/5, Fiji Islands region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Rows include MSVF Nonsavu, AFI Afimatalu, WRA Warramunga Arr, etc.

DJA 13 22:10:36.7±0.3, 4°Sx2°12'E±, h10km, M4.0/23, mB4.7/2, mb4.7/7, MLV3.6/23, Mw(MB)4.0/2, Sulawesi

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Rows include KDI Kendari, KXSI Kolaka, LUWI Luwuk, etc.

IDC 13 22:33:59.5±2.0, 12°34'N-90°76'W, h0km, mb3.8/3, mbtmp3.8/3, MS2.9/1, Error ellipse: s-maj=396.5km s-min=69.4km az=10.0

CATAC 13 22:34:16.2±0.1, 14°N±3°9'W±, h11km, 3km, M4.5/31, MLV4.5/31, Error ellipse: s-maj=7.1km s-min=3.8km az=23.9, confirmed

SNET 13 22:34:17.8±3.0, 13°72'N-91°08'W, h16km, 3.4km, Presumed earthquake

GCG 13 22:34:17.6±1.9, 13°69'N-91°22'W, h34km±31km, MD4.6, M4.6, Presumed earthquake

ISC 13 22:34:15.0±2.1, 13.59N±0.07-91.14W±0.05, h7km±11km, n9.0, ±1909/130, 4C-2D, Near coast of Guatemala

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Rows include STG5 El Palmar, FG8 Yepocapa, FG16 Alotenango, etc.

2020 MAY

Table with columns: Station Name, Time, Res, ISC, Phase ID. Rows include JAYA Jayaque - finc, JAYA Keskin Array B, JAYA Jayaque - finc, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID. Rows include JAYA Keskin Array B, JAYA Jayaque - finc, JAYA Keskin Array B, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID. Rows include JAYA Keskin Array B, JAYA Jayaque - finc, JAYA Keskin Array B, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID. Rows include JAYA Keskin Array B, JAYA Jayaque - finc, JAYA Keskin Array B, etc.

SCHO Schefferville 45.32 20 P P 22 42 27.7 -5.8

YKA Yellowknife Arr 51.61 346 P P 22 43 16.6 -5.3

IDC 13 22:36:47.0±0.8, 44°43'N±115°23'W, h0km, mbtmp3.1/5, ML2.9/5, Error ellipse: s-maj=18.7km s-min=8.1km az=82.0

NEIC 13 22:36:47.6±4.7, 37°15'N±15°19'W, h10km

NEIC 13 22:36:48.2±0.8, 44°37'N±103°11'5"W±0.01, h17km, gkm, m3.1/5.86, Mw3.6/5.1, Error ellipse: s-maj=3.7km s-min=1.1km az=184.0, Moment Tensor Solution.

ISC 13 22:36:48.2±0.8, 44°37'N±103°11'5"W±0.03, h11km, n55, ±1910/60, Western Idaho

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Rows include PLID Pearl Lake, HLID Humble, HLID Humble, etc.

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Table with columns: Station Name, Time, Res, ISC, Phase ID. Rows include BOZ Bozeman (W), G08A Pilot Rock, YHB Horse Butte, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID. Rows include MOOV Moose Ponds, LYMT Lyons Mountain, SNOW Snow King Moun, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID. Rows include ELK Elko, ELK Elko, ELK Elko, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID. Rows include G06A Carlson Farm, NEW Newport, NEW Newport, etc.

WIFE Three Sisters- 4.76 269 IAML Pn 22 37 59.4 -0.6

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Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Zalesovo Beam, K15K, MKAR, F17K, etc.

JMA 13 22:41:05.0-0.4, 29°N, 1°14'00"E, h470km, MV4, 1/65, W OFF OGASAWARA

NIED 13 22:41:05.8, 28°59'N, 140°12'E, h470km, MW4.2, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm;

NEIC 13 22:41:06.3, 1.4, 28°54'N, 099°139'5E, 0.1, h450km, 6km, mb4.3/7.7 Error ellipse: s-maj=15.6km s-min=13.1km

IDC 13 22:41:07.3, 1.0, 28°57'N, 139°47'E, h461km, 9km, mb3.7/30, mbmp2.4/36, Error ellipse: s-maj=12.1km s-min=9.3km

ISC 13 22:41:06.0-0.6, 28°55'N, 0°05'139°54'E, 0.06, h453km, 5km, n403, r12/24/37, mb4.3/76, 5C-1D, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CBUJ, CBUJ, CJCJ, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like JOW, JOW, JOW, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like K13K, M13K, F14K, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like H19K Roundabout Mou, D19K Kuna River, S11 Sitkinak Islan, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like E25K Arctic Village, J25K Salcha River, HARP HARP, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like KIV Kislodovsk, GNI Malin Array S, FINES FINESS Array B, etc.

13 22:41:05.8, 1.7, 34.03N:25.90E, h0km, mb3.6/3, mbmp3.6/5, ML3.1/2, Error ellipse: s-maj=33.5km s-min=22.9km az=66.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like ZKR Zakros, STIA Sitia Lasithi, NPS Neapolis, etc.

Table with columns: EIL, GERES, ESDC, FINES, TORD. Contains station information and coordinates.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like IUJ3, JZC, JHD, JHT, JTA, JTZ.

JMA 13 22:41:29.9, 0.0, 32.5N, 0.2, 130.6E, 0.2, h5km, 1km, MV2.4/20, SOUTHERN KUMAMOTO PREF, Kyushu

SKHL 13 22:42:26.8, 0.5, 44.70N, 148.80E, h50km, 4km, mb4.7/3

ISC 13 22:42:24.2, 0.4, 44.67N, 0.008, 149.0E, 0.2, h35km, n14, c153/13, Kuril Islands

Large table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like REI, KUR, YUK, JRA, etc.

GUC 13 22:43:07.9, 0.9, 27.75S, 70.95W, h69km, 5km, ML4.0

NEIC 13 22:43:08.7, 27.71S, 70.97W, h67km

NEIC 13 22:43:08.7, 1.5, 27.73S, 0.03, 71.00W, 0.07, h64km, 2km, mb4.5/5, Mw1.4/23, ML4.0(GUC), Error ellipse: s-maj=8.8km s-min=4.2km az=107.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mrr=0.82; Mtr=0.51; Mtt=0.06; Mtr=1.53; Fault plane solution: M=1.8100E+10; NP1=16.8300E; 5.76, 7.0000; lambda=84.770000; NP2=175.130000; 814.270000; lambda=111.090000; Principal axes: T 1.8023, Plg32.0000; Azm102.0000; N 0.0212, Plg5.0000; Azm196.0000; P -1.8235, Plg58.0000; Azm294.0000;

IDC 13 22:43:10.1, 0.9, 27.62S, 70.57W, h71km, 6km, mb3.5/4, mbtmp3.7/8, MS3.0/4 Error ellipse: s-maj=30.0km s-min=12.9km az=70.0

ISC 13 22:43:07.0, 0.7, 27.27S, 0.04, 71.00W, 0.06, h65km, 5km, n70, c1915/79, mb3.7/3, 3C-1D, Near coast of northern Chile

Large table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like AC04, CO03, AC05, LCO, AC01, etc.

Table with columns: PB06, PEL, MT02, etc. Lists stations and their coordinates.

Table with columns: H03N, H03N, B103, LPAZ, etc. Lists stations like H03N, B103, LPAZ, CPUP, etc.

CPSP Cacapava Du Sa 15.99 104 P

TRCB Terra Rica 17.31 78 P

GO08 Villa O'Higin 20.75 183 P

GO08 Villa O'Higin 20.75 183 P

VAO Valinhos 22.20 83 P

BDFB Brasilia 24.45 65 P

BDFB Brasilia 24.45 65 P

MDP Montagnes des 37.13 31 LR LR

SNAA Snae 57.10 160 P

SNAA Snae 57.10 160 P

TXAR Lajitas Array 64.78 329 P

TXAR Lajitas Array 64.78 329 P

TORD Torodi Ar. Bea 81.23 70 P

TORD Torodi Ar. Bea 81.23 70 P

ZALV Zalesovo Bay 148.34 27 PKPbc PKPbc

ZALV Zalesovo Bay 148.34 27 PKPbc PKPbc

MKAR Makanchi Array 151.67 41 PKPbc PKIkp

MKAR Makanchi Array 151.67 41 PKPbc PKIkp

RSPR 13 22:59:57.4, 1.7, 92N, 66.59W, h4km, MD3.4/18

NEIC 13 22:59:57.6, 1.3, 92N, 0.03, 66.58W, 0.01, h8km, 1km, ML3.3/29, Md3.4/18(RSPR), Error ellipse: s-maj=4.7km s-min=1.4km az=176.0

SDD 13 22:59:57.2, 2.1, 17.89N, 66.53W, h12km, 24km, MD3.1, ML3.2, MV3.4, Presumed earthquake Hypocentre not reviewed by the ISC

OSPL 13 22:59:58.5, 1.3, 17.91N, 66.59W, h1km, 999gm, ML3.6, Presumed earthquake

ISC 13 22:59:57.6, 1.0, 17.93N, 0.04, 66.59W, 0.02, h11km, 6km, n70, c19, 059/674, 23C-0D, Puerto Rico region

Large table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like OBIP, CELP, GBPR, etc.

Table with columns: EMPR, EMPR, PRSN, PRSN, etc. Lists stations like EMPR, PRSN, HUMP, etc.

DR12 Lompobondra 2.79 288 P

HATOM Hato Mayor del 2.79 288 eP

HATOM Hato Mayor del 2.79 288 eP

SC01 Lompobondra 2.79 288 P

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Large table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like RPN, TAOE, ATAH, ALG, SOR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Az, El, P, Sg, Pg, Lg, Time, Res. Includes stations like TNS5, MDOK, KRBS, etc.

NEIC 14 00:21:52.1±2.0, 44°42'N, 115°21'W, 0.4, h13km±2km, mb4.3/44, ML4.5/124, Mw4.4/75, ML4.8/33(BUT), Error ellipse: s-maj=4.4km s-min=2.8km az=49.0, Moment Tensor Solution. Moment tensor: Scale 10^15 Nm; Mn=0.80; Mw=2.92; Mx=2.13; Mn=0.81; Mw=3.27; Mx=2.00; Fault plane solution: Mw=7100x10^15; NP: p=251.80000; b=1.25000; a=174.28000; NP2: p=159.04000; b=84.99000; a=28.87000; Principal axes: T 4.9944, P16.0000, Azm209.0000; N -0.6304, P161.0000, Azm330.0000; P -4.3640, P1624.0000, Azm112.0000;

NEIC 14 00:21:52.2, 44°40'N, 115°23'W, h15km, IDC 14 00:21:53.1±0.7, 44°32'N, 115°33'W, h0km, mb3.9/6, mbtmp3.9/13, ML3.8/6, MS3.5/37, Error ellipse: s-maj=9.2km s-min=7.6km az=121.0 BUT 14 00:21:54.7±2.2, 44°40'N, 115°22'W, 0.03, h14km±8km, Error ellipse: s-maj=3.5km s-min=2.7km az=218.0

Table with columns: Code, Station Name, Az, El, P, Sg, Pg, Lg, Time, Res. Includes stations like PLID, HLID, MFID, etc.

Table with columns: YPP, comp=N, 1um, 1.0s, IAML, 00 23 34.9, etc. Includes stations like HVU, YNM, YNN, etc.

Table with columns: OGNE, Ogallala, 10.30 105, Pn, 00 24 14 +1.2, etc. Includes stations like PFO, PFO, PFO, etc.

14d 1h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

2020 MAY

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

GLI 14 00:52:21.7, 0.34:249N:0:002:28:090E:0:001, h0km,
ISK 14 00:52:24.6, 34:61N:28:03E, h22km, ML2, 2.9
AFAD 14 00:52:30.0, 34:83N:28:39E, h27km, 93km, ML2, 0
ISC 14 00:52:23.2, 1.4, 34:43N:0:005:28:10E:0:007, h48km, n37,
r158/61, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

JMA 14 00:54:19.7, 0.1, 36:3N:0:4x137:6E:0:3, h6km, 1km,
MVO, 4/20, HIDA MOUNTAINS REGION, Eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth Jitter, Elevation Jitter, Azimuth Skew, Elevation Skew, Azimuth Kurtosis, Elevation Kurtosis, Azimuth Peak, Elevation Peak, Azimuth Valley, Elevation Valley, Azimuth Flatness, Elevation Flatness, Azimuth Curvature, Elevation Curvature, Azimuth Concavity, Elevation Concavity, Azimuth Convexity, Elevation Convexity, Azimuth Symmetry, Elevation Symmetry, Azimuth Asymmetry, Elevation Asymmetry.

KRSC 14 01:22:47.1, 2.7, 50:93N:158:39E, h51km, 25km, M15.6,
Fell [I] at Severo-Kurilsk, Petropavlovsk,
BUJ 14 01:22:49.0, 51:13N:158:18E, h66km, mB4.6/9, mb4.7/38,
Ms4.2/24, Ms7.4/127
MOS 14 01:22:50.7, 0.9, 51:11N:157:94E, h62km, mb4.9/40,
MS3.9/4, Error ellipse: s-maj=8.6km s-min=3.3km az=84.8

14d 1h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like APMT Aspermont, MNHN Monahans, R40A Maddies Station, etc.

2020 MAY

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ARSA Arzberg, BIOA Bad Ischl, STU Stuttgart, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KEST Kesra, URZ Urewera, MDT Midlet, etc.

ADC 14 01:26:52.0; 1.8, 50.84N; 157.87E, h0km, mb3.9/5, mbmp3.9/6, ML2.8/1, MS3.6/2, Error ellipse: s-maj=38.0km s-min=32.3km az=7.0

NEIC 14 01:26:57.4; 1.4, 50.86N; 0.05; 157.8E; 0.2, 5.65km, 1km, mb4.8/16, Error ellipse: s-maj=20.2km s-min=5.3km az=111.0

MOS 14 01:26:58.6; 0.7, 51.00N; 158.00E, h59km, mb4.3/4, Error ellipse: s-maj=16.8km s-min=4.8km az=89.5

KRSC 14 01:26:59.1; 1.4, 51.10N; 158.05E, h50km, 21km, M4.1, ISC 14 01:26:58.8; 1.5, 50.97N; 107.158E; 145km, 12km, n84, c117/91, mb4.4/1, East of Kuril Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KDTR Khodutka, ASAK Asacha, RUS Russkaya, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MKAR Makanchi Array, SPITS Spitsbergen Ar, and BLKN Baker Lake.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MESJ Messejana, PVAQ Vaqueiros, and AVE Averroes.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HFS Hagfors, AKAS Malin Array, and BRTR Keskin Array B.

ROM 14 01:32:22.1-0.2, 43.3233N-0008.12.42E-0.01, h3km,2km, ML0.5/2, Error ellipse: s-maj=0.9km s-min=0.8km az=46.0, Central Italy

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ATLO AVT-Montelove, UMBT Umbertide, and ATVO AVT-Monte Val.

EVRO Evora

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like EVRO Evora, EVO EVO, and ZHG ZHG.

SDV Santo Domingo

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SDV Santo Domingo, PAMC Pamplona, and BARC Barichara.

KRSC 14 01:38:12.5-1.4, 51.02N-158.19E, h52km,21km, MI3.8, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KDTR Khodutka, PAU Pauzhetka, and ASAK Asaka.

ESTREZ Estremoz

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ESTREZ Estremoz, ESPR Espera, and PSARD Sardoa.

NNC 14 02:05:4.3, 6.3678N-70.97E, h85km,68km, mb3.3, mpv3.6, 2C-4D, Error ellipse: s-maj=36.5km s-min=27.3km az=125.0, Hindu Kush region

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KK31 Karatay Array, AAK Ala-Archa, and AB31 Abant array.

MDD 14 01:39:17.1-1.0, 35.25N-11.59W, h45km, Mb4.1/8, M_mb3.5/8, Error ellipse: s-maj=8.1km s-min=5.2km az=83.0

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like IGIL, INMG, and CNRM.

PCBR Castelo Branco

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PCBR Castelo Branco, ECAB El Cabril, and TIMMIT Timmit.

WRA Warramunga Arr

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, and FITZ Fitzroy Crossi.

MORF Marfeite

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MORF Marfeite, PTEO Sao Teotonio, and PCVE Castro Verde.

WARRAMUNG WARRAMUNG

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WARRAMUNG WARRAMUNG, ELOB Lobios, and EQES Quedada.

WAKE ISLAND

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WAKE ISLAND, WAKE ISLAND, and WAKE ISLAND.

WARRAMUNG WARRAMUNG

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WARRAMUNG WARRAMUNG.

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WARRAMUNG WARRAMUNG

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WARRAMUNG WARRAMUNG.

14d 5h

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

NEIC 14 03:21:08.7-1.7, 16.3S; 0.1x176.25W; 0.10, h372km, 10km, mb4.3/19, Error ellipse: s-maj=22.6km s-min=10.6km az=156.0

IDC 14 03:21:08.9-1.6, 16.45S; 176.33W, h380km, 14km, mb3.3/6, mbtmp4.1/9, Error ellipse: s-maj=70.0km s-min=12.5km az=152.0

ISC 14 03:21:07.0-0.6, 16.3S; 0.1x176.24W; 0.08, h364km, n35, c1549/38, mb4.1/16, Fijil Islands region

Main station list for the 14d 5h period, including stations like FUTU, AFI, MSVF, SANVU, etc.

MEX 14 03:41:41.9-1.2, 14.23N; 92.74W, h12km, 50km, MD3.9, Presumed earthquake

GCG 14 03:41:44.6-0.5, 14.42N; 92.43W, h63km, 16km, MD3.8, ML3.7, Presumed earthquake

ISC 14 03:41:40.2-2.2, 14.19N; 0.09-92.60W; 0.06, h31km, 14km, n15, c1553/27, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like THIG, SMCA, RTAL, etc.

NSSP 14 03:58:58.4, 38.30N; 44.38E, h10km, Ms3.0

AZER 14 03:58:59.5, 38.46N; 44.46E, h3km, ml3.2

AFAD 14 03:59:00.6, 38.46N; 44.53E, h6km, 3km, ML2.9

TEH 14 03:59:01.8, 38.53N; 44.47E, h10km, 51km, ML2.9, Presumed earthquake

ISC 14 03:59:08.8, 38.52N; 43.92E, h19km, ML2.7/3

ISC 14 03:59:02.4, 1.38; 43N; 0.02-44.43E; 0.02, h0km, 10km, n58, c1559/90, 2C, Turkey-Iran border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like OZAP, TVAN, VANB, etc.

2020 MAY

Main station list for the 2020 MAY period, including stations like VMUR, ISHB, HAKT, etc.

IDC 14 04:14:47.3-3.0, 30.76N; 141.15E, h0km, mb3.7/5, mbtmp3.7/8, ML3.2/3, MS2.5/2, Error ellipse: s-maj=127.3km s-min=16.3km az=72.0

JMA 14 04:14:50.9-0.7, 32.7N; 133.14E, h15km, MV3.8/12, FAR C OF FZU ISLANDS

ISC 14 04:14:46.6-1.4, 31.01N; 0.09-142.2E; 0.2, h24km, n13, c214/17, mb3.8/5, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like JHU2, JHU1, JHU, etc.

MEX 14 04:49:00.7-1.1, 19.94N; 104.43W, h40km, 31km, MD3.4, Presumed earthquake, Near coast of Jalisco

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like CJM, CEGR, etc.

ISC 14 04:49:02.4, 1.38; 43N; 0.02-44.43E; 0.02, h0km, 10km, n58, c1559/90, 2C, Turkey-Iran border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like OZAP, TVAN, VANB, etc.

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CATAC 14 05:06:39.4-0.3, 9.2N; 2.8W, h1km, M3.1/6, MLV3.1/6, Error ellipse: s-maj=6.0km s-min=2.9km az=56.0, confirmed

UPA 14 05:06:40.4-0.7, 9.05N; 82.90W, h19km, 1km, MD3.3, MW3.0, Presumed earthquake

ISC 14 05:06:39.0-1.0, 9.07N; 0.03-82.97W; 0.02, h10km, 10km, n25, c190/41, 6C-2D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like DRKO, BRU2, etc.

NEIC 14 05:10:34.8-1.6, 27.57S; 0.07-66.51W; 0.06, h157km, 8km, mb4.2/28, Error ellipse: s-maj=12.8km s-min=1.8km az=145.0

SJA 14 05:10:34.2-0.7, 27.54S; 66.58W, h196km, 4km, ML3.8, mbtmp3.8/9, Error ellipse: s-maj=24.9km s-min=14.6km az=110.0

IDC 14 05:10:34.4-1.5, 27.52S; 66.61W, h155km, 15km, mb3.4/4, mbtmp3.8/9, Error ellipse: s-maj=24.9km s-min=14.6km az=110.0

ISC 14 05:10:34.6-0.5, 27.51S; 0.04-66.57W; 0.05, h200km, n110, c252/108, mb4.2/15, 2D, Catamarca Province

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like TINO, AANI, etc.

SALTA 14 05:11:24.7-3.4, 30.76N; 141.15E, h0km, mb3.7/5, mbtmp3.7/8, ML3.2/3, MS2.5/2, Error ellipse: s-maj=127.3km s-min=16.3km az=72.0

JMA 14 04:14:50.9-0.7, 32.7N; 133.14E, h15km, MV3.8/12, FAR C OF FZU ISLANDS

ISC 14 04:14:46.6-1.4, 31.01N; 0.09-142.2E; 0.2, h24km, n13, c214/17, mb3.8/5, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like SALTA, AC05, etc.

MEX 14 04:49:00.7-1.1, 19.94N; 104.43W, h40km, 31km, MD3.4, Presumed earthquake, Near coast of Jalisco

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like CJM, CEGR, etc.

ISC 14 04:49:02.4, 1.38; 43N; 0.02-44.43E; 0.02, h0km, 10km, n58, c1559/90, 2C, Turkey-Iran border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like OZAP, TVAN, VANB, etc.

Table with columns: Code, Station Name, Az, AzD, Phase ID, Time, Res, ISC. Includes stations like Leontico, Pedregal, Combarbal, ILOC Station P, etc.

ISC 14 05:35:38.0r.1.31.53N;-86.93E, h0km, mb10.3/2.2, ML2.8/2, Error ellipse: s-maj=26.0km s-min=18.0km az=60.0

ASRS 14 05:35:37.0r.0.5.54.34N;-86.86E, h0km, M2.8(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Az, AzD, Phase ID, Time, Res, ISC. Includes stations like ZALSOVO INFRA, ZALV, ZALV, KURBUB, etc.

ISC 14 05:44:22.5r.0.8.2.89S;-138.53E, h0km, mb4.0/8, mbtmp4.0/13, ML4.0/5, MS3.6/4, Error ellipse: s-maj=15.6km s-min=10.5km az=124.0

DJA 14 05:44:27.2r.0.9.3.5s;-13.9E, h20km, M4.4/8, mb5.7/1, mb4.6/2, MLV4.3/8, Mw(MB)5.2/1

NEIC 14 05:44:33.0r.1.5.3.1S;-0.1x138.3E;0.1, h74km,6km, mb4.3/25, Error ellipse: s-maj=20.6km s-min=12.8km az=216.0

Table with columns: Code, Station Name, Az, AzD, Phase ID, Time, Res, ISC. Includes stations like Sarmi, Genyem, Jayapura, etc.

SSNC 14 05:47:04.9r.2.1.19.91N;-70.77W, h20km, 21km, MD3.8, ML3.9, Presumed earthquake

NEIC 14 05:47:07.6r.1.4.19.87N;-0.04;71.24W;0.07, h10km, 2km, Mw3.7/17, Error ellipse: s-maj=1.3km s-min=3.7km az=241.0, Moment Tensor Solution, Moment tensor: Scale 10^14Nm, M1=4.09, M2=4.7, M3=0.38, M4=2.40, M5=1.42, M6=1.32, Fault: F0101e, slip: 0.1m, M5:29000x1014 Np1=275.37000, S3:300000, A=105.69000, NP2: 0.113.39000, 0.60.94000, A=81.02000, Principal axes: T 5.5958, P1g15.0000, Azm197.0000; N -0.6810, Plg8.0000, Azm289.0000; P -4.9148, Plg73.0000, Azm45.0000

OSPL 14 05:47:10.8r.2.1.19.85N;-71.16W, h11km, 6km, ML3.6, Presumed earthquake

SDD 14 05:47:10.1r.2.4.19.88N;-71.15W, h23km, 11km, MD3.6, ML3.7, MW4.0, Presumed earthquake Hypocentre not reviewed by the ISC

ISC 14 05:47:08.3r.1.1.19.79N;-0.04;71.09W;0.03, h19km, 3km, M4.5, -161/55, 30C-4Z, Dominican Republic region

Table with columns: Code, Station Name, Az, AzD, Phase ID, Time, Res, ISC. Includes stations like Punta Rusia, etc.

ISC 14 05:53:33.3r.1.0.33.70S;-0.06;138.77E;0.07, h7km, 6km, NEIC 14 05:53:33.3r.1.0.33.70S;-0.06;138.77E;0.07, h7km, 6km,

Table with columns: Code, Station Name, Az, AzD, Phase ID, Time, Res, ISC. Includes stations like LUPERON, MAO VALDERE, SANGIATO DE LO, etc.

Table with columns: PDAR, Pinedale Array, 78.54 355 P, 06 07 21.6 -0.6, etc. Includes rows for Pinedale Array, Pinedale Trinity Center, Auburn Hatcher, Ashland, etc.

Table with columns: H01W3, Cape Leeuwin H, 101.58 210 T, 08 02 57.5, etc. Includes rows for Cape Leeuwin H, Barnard Glacie, Minto, Ragged Mount, etc.

Table with columns: TOLIZ, Tolitoli, 126.79 239 IAMS_20, 07 05 13.9, etc. Includes rows for Tolitoli, Geoves, SENIN, WLF, etc.

Table with columns: SMDR, HATOM, HIDR, MASQ, QMBU, MOAC, GTBY, RRC, PINC, MARVS, HLGC. Includes station names, times, and phases.

SNET 14 06:56:40.5, 2.7, 14.87N;89.19W, h10km, ML2.3,

GCG 14 06:56:42.1, 1.6, 14.79N;89.09W, h6km, 14km, MD3.5,

ISC 14 06:56:39.1, 2.9, 14.9N;82.89W, h18km, 10km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Santa Rosa de, Estanzuela, Esquipulas, etc.

IDC 14 06:58:33.0, 3.0, 9.34S; 119.22E, h0km, mb4.1/2,

DJA 14 06:58:35.9, 0.4, 9.52S; 111.9E, h21km, 4km, M4.7/28,

ISC 14 06:58:35.9, 0.9, 9.31S; 119.19E, h0.03, h46km, 11km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Waikabubak, Labuhan Bajo, Waingapu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kappang, Baunata, Bati.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Bati, BYJI, Bajag, Banyuwangi.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STKA, H08S2, H08S3.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S1, H08S2, H08S3.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S1, H08S2, H08S3.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S1, H08S2, H08S3.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S1, H08S2, H08S3.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S1, H08S2, H08S3.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S1, H08S2, H08S3.

Table with columns: THIG, SMCA, PATR, CHJU, CHLU, PAVE, STG2, STG6, STG8, PCIG, PCIG, CARR, CCIG, CCIG, CCIG, CMIG, CMIG. Includes station names, times, and phases.

SJA 14 07:20:39.6, 0.7, 24.89S;69.67W, h11km, 4km, ML4.0,

IDC 14 07:20:41.9, 2.7, 24.79S;69.60W, h70km, 23km, mb3.3/4,

GUC 14 07:20:42.8, 0.8, 24.84S;69.73W, h88km, 6km, ML4.3,

ISC 14 07:20:41.6, 1.3, 24.83S;0.04;69.93W, h11km, 7km,

NEIC 14 07:20:41.6, 1.3, 24.83S;0.04;69.93W, h11km, 7km,

ISC 14 07:20:41.6, 1.3, 24.83S;0.04;69.93W, h11km, 7km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IPOC Station P, IPOC Station P.

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

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

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

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

Table with columns: LCO, LCO, TA01, TA01, TA01, HJA, AAANI, PB08, PB08, PB08, YJA, PB11, PB11, CO01, CO01, CO05, G001, G001, G001, G004, G004, G004, G004, G004, G004, CFA, CFA. Includes station names, times, and phases.

Table with columns: CO05, G001, G001, G001, G004, G004, G004, G004, G004, CFA, CFA. Includes station names, times, and phases.

Table with columns: CO04, PB18, VA06, VA01, MT02, MT08, MT16, LPZA, LPZA, MT13, MT09, MT01, G004, BO01, BO02, G005, CPUP. Includes station names, times, and phases.

Table with columns: H03N1, H03N2, H03N3, B102, SIV, SIV, PTLB, VA01, VLVB, TRCB, TRCB, G008, G008, OTAV, BELA, BELA. Includes station names, times, and phases.

Table with columns: TXAR, GSPA, GSPA, TORO, TORO, ASAR, H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, KURBB, ZALV, MKAR. Includes station names, times, and phases.

Table with columns: H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, KURBB, ZALV, MKAR. Includes station names, times, and phases.

Table with columns: H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, KURBB, ZALV, MKAR. Includes station names, times, and phases.

Table with columns: H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, KURBB, ZALV, MKAR. Includes station names, times, and phases.

Table with columns: H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, KURBB, ZALV, MKAR. Includes station names, times, and phases.

Table with columns: H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, KURBB, ZALV, MKAR. Includes station names, times, and phases.

Table with columns: H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, KURBB, ZALV, MKAR. Includes station names, times, and phases.

Table with columns: H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, KURBB, ZALV, MKAR. Includes station names, times, and phases.

Table with columns: H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, KURBB, ZALV, MKAR. Includes station names, times, and phases.

Table with columns: H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, KURBB, ZALV, MKAR. Includes station names, times, and phases.

Table with columns: H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, KURBB, ZALV, MKAR. Includes station names, times, and phases.

Table with columns: H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, KURBB, ZALV, MKAR. Includes station names, times, and phases.

Table with columns: H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, KURBB, ZALV, MKAR. Includes station names, times, and phases.

Table with columns: H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, KURBB, ZALV, MKAR. Includes station names, times, and phases.

Table with columns: H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, KURBB, ZALV, MKAR. Includes station names, times, and phases.

Table with columns: H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, KURBB, ZALV, MKAR. Includes station names, times, and phases.

Table with columns: H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, KURBB, ZALV, MKAR. Includes station names, times, and phases.

Table with columns: H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, KURBB, ZALV, MKAR. Includes station names, times, and phases.

Table with columns: TARG, BLB, DJR, etc. containing station names, codes, and numerical data.

ASRS 14 10:13:49.0, 2.1, 53.75N:91.10E, h0km, M3.4(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

DDC 14 10:13:57.1, 2.0, 53.58N:90.67E, h0km, mbmp3.6/5, ML3.2/5, Error ellipse: s-maj=20.7km s-min=16.0km

NNC 14 10:14:01.3, 4.2, 53.30N:90.35E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=34.5km s-min=30.3km az=40.0, Suspected Mining explosion.

ISC 14 10:13:56.8, 1.1, 53.64N:09.90E, h0km, n12, s17/16, 4C-7D, Southwestern Siberia

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

NR1K Nori'sk 15.82 356 Sn Sn 10 20 38.0 +1.7

AEIC 14 10:44:35.2, 0.7, 52.0N:0.1, 173.4W:0.1, h73km, 7km, Error ellipse: s-maj=18.7km s-min=8.6km az=164.0

ISC 14 10:44:35.1, 1.4, 51.9N:0.2, 173.26W:0.07, h71km, 15km, n43, c093/49, Andreanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Andreanof Islands region.

SDD 14 10:49:04.2, 1.6, 18.37N:68.93W, h190km, 11km, MD3.5, ML3.3, MW3.3, Presumed earthquake Hypocentre not reviewed by the ISC

OSPL 14 10:49:05.6, 2.0, 18.19N:68.86W, h175km, 20km, ML3.3, Presumed earthquake

NEIC 14 10:49:06.0, 1.5, 18.56N:0.1, 168.82W:0.05, h158km, 4km, ML3.1/29, MD3.70(RSPR), Error ellipse: s-maj=14.2km s-min=5.6km az=195.0

RSPR 14 10:49:07.4, 1.8, 79N:68.70W, h152km, 2km, MD3.6/8, ISC 14 10:49:04.2, 1.6, 18.46N:0.1, 168.86W:0.03, h169km, 11km, n54, c099/77, 18C-4D, Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Mona Passage region.

Table with columns: CRPR, MLPR, etc. containing station names, codes, and numerical data.

IDC 14 11:00:38.6, 1.3, 3.52N:122.91E, h554km, 16km, mb3.0/11, mbmp4.0/13, Error ellipse: s-maj=30.9km s-min=9.1km az=69.0

NEIC 14 11:00:38.4, 1.3, 3.56N:0.08, 122.8E:0.1, h545km, 5km, mb4.0/22, mb5.0/10, MLv4.4/19, Mw(mb)4.3/10, az=76.0

DJA 14 11:00:38.0, 0.3, 4.1N:4.12E, h527km, 3km, M4.3/22, mb4.0/22, mb5.0/10, MLv4.4/19, Mw(mb)4.3/10

ISC 14 11:00:38.1, 0.5, 3.52N:122.88E:0.08, h545km, n67, s122/78, mb3.8/21, Celebes Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Celebes Sea region.

HFS Hagfors 142.16 349 PKP PKPdf 13 06 37.3 -1.9
1.5km, 0.4s, baz=27, slow=3.5, SNR=11
BRTR Keskin Array B 147.68 308 PKPb PKPbc 13 06 52.3 -0.8
0.3nm, 0.4s, baz=51, slow=1.6, SNR=2.1

JMA 14 12:57:30.3±0.3, 25°N, 123°2'E, 0.9, h168km, 4km,
M2.5/14, NW OFF ISHIGAKI/JIMA IS
ISC 14 12:57:31.6±2.8, 25°22'N, 123°20'E, 0.07, h155km, 25km,
n12, c0566/18, Northeast of Taiwan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Yonagunijimaku, Iriofote-Funau, Ishigaki Jimahi, etc.

NOU 14 13:16:24.0, 17°02'S, 167°85'E, h2km, MLV3.7/12, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Devils Point, Rentapao, Saraoutou, etc.

IDC 14 13:16:60.0±2.3, 4°64'S, 129°77'E, h206km, 31km, mb3.2/3,
mbmp3.8/7, Error ellipse: s-maj=52.8km s-min=14.4km
az=79.0

DJA 14 13:16:59.0±0.2, 5°S, 13°13'0E, h196km, 3km, M4.2/18,
mb4.1/9, mB5.5/3, MLV4.2/18, Mw(mB)4.9/3
ISC 14 13:16:58.6±0.8, 4.79S, 0.07, 129.74E, 0.08, h200km, n19,
c232/23, mb3.5/3, Banda Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Bandanaira, Karang Ratu, Namlea, etc.

DJA 14 13:21:04.0±0.2, 0°S, 2°12'3E, h97km, 5km, M3.9/25,
mb3.9/8, MLV4.0/25, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Gorontalo, Luwuk, Ampana, etc.

DJA 14 13:47:11.2±0.2, 1°S, 2°12'4E, h10km, M3.7/12, mb3.9/3,
MLV3.6/12, Southern Molucca Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Luwuk, Sanana, Ampana, etc.

SNET 14 13:55:51.5±1.0, 13°52'N, 90°15'W, h84km, 20km, ML3.0,
Presumed earthquake
GCG 14 13:55:52.8±0.6, 13°39'N, 90°15'W, h61km, 13km, MD3.1,
Presumed earthquake
ISC 14 13:55:54.3±1.3, 13°39'N, 90°15'W, 0.1, h58km, n8,
c1971/12, Near coast of Guatemala

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Las Nubes, Cerro Verde, Jayaque, etc.

DJA 14 14:00:23.9±1.1, 1°N, 4°12'2E, h21km, 1km, M4.1/20,
mb4.3/8, MLV4.1/20, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Gorontalo, Ampana, Luwuk, etc.

SSNC 14 14:24:49.7±1.8, 19°95'N, 70°86'W, h20km, 13km, MD3.6,
ML3.6, Presumed earthquake
SDD 14 14:24:51.3±2.2, 19°93'N, 71°14'W, h19km, 22km, MD3.6,
ML3.7, MW3.9, Presumed earthquake Hypocentre not
reviewed by the ISC
OSPL 14 14:24:53.1±1.8, 19°81'N, 71°15'W, h10km, 8km, ML3.3,
Presumed earthquake
ISC 14 14:24:51.6±1.3, 19.83N, 0.0671, 11W, 0.05, h19km, 3km,
n16, c182/32, 8C-5D, Dominican Republic region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Punta Rusia, Luperon, Mao Valverde, etc.

SC01 14 14:25:05.2±0.1, 14°25'05.2, 115.1, 14°25'19.2

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Santiago de lo, Presa de Saban, Alto Bandera, etc.

NEDR 14 14:25:16.6±0.2, 14°25'16.6, 14°25'38.1

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Neiba UASD, Jimani, El Espartillar, etc.

HATOM 14 14:25:16.6±0.2, 14°25'16.6, 14°25'38.1

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Qimbué, Moa, Nuevo Mundo, etc.

HVO 14 14:40:23.2±0.6, 19°22'N, 0°09'155', 42W, 0.08, h33km, 3km,
Error ellipse: s-maj=14.8km s-min=7.6km az=140.0
NEIC 14 14:40:21.7±0.4, 19°24'N, 0°03'155', 44W, 0.03, h40km, 5km,
ML3.6/40, ML3.3/38(HVO), Error ellipse: s-maj=5.3km
s-min=2.6km az=139.0, Hawaiian Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Hot Caves, Hilina Pali, Kahuku, etc.

SC01 14 14:25:05.2±0.1, 14°25'05.2, 115.1, 14°25'19.2

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Keanakako'i, Uwekahuna, Observatory Le, etc.

SC01 14 14:25:05.2±0.1, 14°25'05.2, 115.1, 14°25'19.2

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Rainshed, Kane Nui o Ham, Mauna Loa Obse, etc.

SC01 14 14:25:05.2±0.1, 14°25'05.2, 115.1, 14°25'19.2

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Chiang Mai Arr, etc.

IDC 14 14:42:56.2±3.6, 3.77S, 144°20'E, h0km, mb3.4/3,
mbmp3.6/4, ML4.0/1, MS3.1/2, Error ellipse:
s-maj=92.8km s-min=29.2km az=90.0, Near north coast
of New Guinea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Chiang Mai Arr, etc.

14d 14h

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Jayapura, Jayapura, Coen, Charters Tower, etc.

JAP 14 14:47:05.5, 24°53'N, 122°51'E, h12km, 1km, ML3.2, C
TMA 14 14:47:06.1, 24°N, 122°51'E, h12km, 1km, ML3.2, C
MV2.8/13, NW OFF ISHIGAKIJIMA IS
ISC 14 14:47:05.8, 1.0, 24°51'N, 122°52'E, h18km, 6km, n70, c0549/108, 3C-1D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like EOS2, EOS3, EOS4, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Heping Village, Dongshan, Ilan, etc.

TAP 14 14:57:35.8, 23°8'N, 121°62'E, h35km, ML4.1, C
JMA 14 14:57:35.2, 23°8'N, 121°7'E, 1.0, h35km, 1km, MV4.3/19, TAIWAN REGION
ISC 14 14:57:35.7, 0.9, 23°82'N, 0°01'121°63'E, 0.02, h34km, 1km, n179, c0595/306, 13C-27D, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TEYL, SHUL, HWA, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Sun Moon Lake, Fuli, Beigang Elemen, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like YOJ, YON, YOG, YOH, YOI, YOS, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BOQS, LALI, LAL, LAL, LAL, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like MAT, Matsuhiro, JMA, etc.

SNET 14 15:05:37.3±2.3, 133.68N:90.65W, h75km, ML4.4

CATAC 14 15:05:38.9±0.2, 14.2°N:91°15'W, h78km, 2km, M4.2/35, MLV4.2/35, Error ellipse: s-maj=5.3km s-min=1.7km

GCG 14 15:05:38.5±1.4, 133.84N:90.58W, h74km, 8km, MD4.4, ML4.5, Presumed earthquake

IDC 14 15:05:39.0±1.2, 14.03N:90.35W, h100km, 8km, mb3.5/5, mbmp3.8/8, MS2.9/5, Error ellipse: s-maj=27.9km s-min=11.6km az=44.0

ISC 14 15:05:38.6±0.6, 133.85N:0.05:90.52W±0.03, h102km, 4km, n101, s199/154, mb3.9/5, Near coast of Guatemala

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ESSJ, PCGS, PGG5, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like CMIG, JTS, JTS, JTS, etc.

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

JMA 14 15:29:13.4±0.1, 36.3N:0.5:137.6E±0.3, h4km, 2km, MV0.4/19, HIDA MOUNTAINS REGION, Eastern Honshu

JMA 14 15:29:20.9±0.0, 36.3N:0.2:137.6E±0.1, h5km, 1km, MV0.6/21, HIDA MOUNTAINS REGION, Eastern Honshu

IDC 14 15:49:32.6±1.5, 41.38N:50.74E, h0km, mb3.5/7, mbmp3.6/11, ML4.2/4, MS2.6/1, Error ellipse: s-maj=29.0km s-min=13.3km az=166.0

Table with columns: Station Name, Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NDR, SIZA, QASAR, etc.

Table with columns: Station Name, Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SH1A, KIV, IEMG, etc.

Table with columns: Station Name, Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM, NOUC, ONTNC, etc.

BER 14 15:55:58.2-2.7, 81.64N; 5.04W, h10km, Mw3.3, ML1.8(DNK), Confirmed Earthquake
DKN 14 15:55:59.1-3.5, 81.57N; 4.16W, h23km; 35km, ML1.8, Presumed earthquake
FCIAR 14 15:56:01.0, 81.60N; 4.37W, h10km, station ZF12 has station magnitude of 3.80 station OMEGA has station magnitude of 3.90
ISC 14 15:55:54.0-0.9, 81.55N; 0.07-5.16W, h10km, n20, c345/34, North of Svalbard

NIED 14 16:15:03.0, 42.79N; 142.56E, h23km, MW3.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^14 Nm; M1: 1.02; M2: 1.77; M3: 2.79; M4: 1.86; M5: 1.26; M6: 2.65; Fault plane solution: Mo: 2.40000x10^14 NPT; phi: 53.00000; delta: 39.00000; lambda: 166.00000. NP2: phi: 154.00000; delta: 100.00000; lambda: 152.00000.
JMA 14 16:15:03.0-0.1, 42.78N; 0.3-142.56E; 0.4, h23km, 1km, MD3: 6.0/2.0, HIDEKA MOUNTAINS REGION
JMA Felt I: Jt at HIDEKA MOUNTAINS REGION
IDC 14 16:15:04.2-3.9, 42.91N; 142.22E, h52km, 38km, mb3.4/8, mbmp3.6/11, ML2.8/3, MS2.8/3, Error ellipse: s-min=21.5km, s-max=102.0
SKHL 14 16:15:04.7-0.2, 43.00N; 142.80E, h47km; 7km, mb4.5/2
ISC 14 16:15:01.7-0.9, 42.82N; 142.57E; 0.03, h30km; 7km, n37, c123/43, mb3.6/8, HD, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NOR, KBS, KRS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JBT2, JFR, JSHD, etc.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ULN Ulanbaatar, OBN Obninsk, BR13 Keskin Array S, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like B21K Ikpikpuk River, NRS Narsarsuaq, TORO Torodi Ar. Bea, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MXZ Matakaoa Point, PKGZ Pakhiroa, WGMZ Raikumara Rang, etc.

Table with columns for station name, coordinates, and time. Includes stations like FUNA Funafuti, RAHZ Arahai, BKZ Black Stump Fm, etc.

Table with columns for station name, coordinates, and time. Includes stations like KLR Kul'dur, NVAR North Bay, TROLL Troll, ANtari, SNAAS Sanae, etc.

Table with columns for station name, coordinates, and time. Includes stations like AF01 San Pedro de A, AF01 San Pedro de A, AF01 San Pedro de A, etc.

NP1: 226.00000°, 8.16.00000°; λ-63.00000°. NP2: 226.00000°, 8.16.00000°. Principal axes: T 3.0840, P1g30.0000°, Azm114.0000°, N 0.1940, P1g7.0000°, Azm20.0000°, P -3.2780, P1g59.0000°, Azm277.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 14 17:16:56.6; 0.4, 24.125; 0.03; 67.16W; 0.03; h176km; 3km, h176km; pP-P, n440, e1946/323, mb4.9/206, 18C-2D

Chile-Argentina border region

Code Station Name A Z Z Phase ID h m s Res

Table with columns for station name, coordinates, and time. Includes stations like SALTA SALTA, AF01 San Pedro de A, AF01 San Pedro de A, etc.

RSNC 14 17:16:41.6; 4.4, 25°S, 32°E; 67°W; 1'5, h65km; 24km, M5.0, mB5.5, mb5.1, Mw(mb)5.0
VAO 14 17:16:55.3; 0.3, 24.15S; 67.08W, h201km; 5km, M4.7, MW4.4
GUC 14 17:16:56.8; 0.7, 24.14S; 67.21W, h191km; 7km, M5.2
NEIC 14 17:16:57.7, 24.15S; 67.25W, h178km
NEIC 14 17:16:57.4; 2.6, 24.11S; 0.05; 67.2W; 0.1, h177km; 2km, mb4.9/400, Mw4.8/24, Mw4.9(GUC), Error ellipse: s-maj=13.7km, s-min=7.3km, az=83.0
IDC 14 17:16:58.0; 0.7, 24.08S; 66.97W, h185km; 6km, mb4.2/15, mbMpq=7.21, MS9.93, Error ellipse: s-maj=11.2km, s-min=9.2km, az=74.0
NEIC 14 17:17:00.2; 24.25S; 67.25W, h190km. Moment Tensor Solution. Duration: 183 Moment tensor: Scale 10^16Nm; Mrr-1.35; Mss0.67; Mss0.68; Mrr-0.44; Mss-1.58; Fault plane solution: Mod2.08000x10^16 NP1: 225.33000°, 8.21.34000°, λ-59.47000°. NP2: 226.99000°, 8.17.30000°, λ-101.23000°. Principal axes: T 1.9037, P1g26.0000°, Azm122.0000°, N 0.3190, P1g11.0000°, Azm27.0000°, P -2.2227, P1g62.0000°, Azm276.0000°. GCMT 14 17:17:01.3; 0.4, 24.25S; 0.03; 67.30W; 0.03; h197km; 4km, MW4.9/62, Moment Tensor Solution, s18.c19, s82.c98, Duration: 0 Moment tensor: Scale 10^16Nm; Mrr-1.62; 14; Mss0.54; 19; Mss 1.08; 27; Mrr-0.71; 0.9; Mss0.69; 16; Mrr-2.67; 12; Best double couple: M3.18100x10^16

Table with columns: CPUP, Villa Florida, Villa Florida, Serra de San D, BBSD, EBSD, MT08, Bocatoma Ro, San Ignacio, SIV, MT13, San Alfonso, BO04, BODQ, BODOQUENA, MS, PSAL, Palomas, Salto, BO02, Sierra Bellavi, AQDB, Aquidauana, AQDB, Aquidauana, AMBA, Amambai (Brazi), PTLB, Pontes e Lacer, PTLB, Pontes e Lacer, VILB, Vilhena, VILB, Vilhena, B102, San Fabin de, PP1B, Ponte de Pedra, TRCB, Terra Rica, SALV, Santo Antonio, B105, Punta Guales, CPBS, Capacava Do Su, CPBS, Capacava Do Su, PTGB, Pitanga, H03N1, Juan Fernandez, H03N2, Juan Fernandez, H03N3, Juan Fernandez, H03S3, Juan Fernandez, H03S1, Juan Fernandez, H03S2, Juan Fernandez, C2SB, Chapadão Do Su, NNA, Nana, NNA, Nana, CNLB, Canela, FRFB, Fartura, ARAG, Araguaiana, MT, PLCA, Paso Flores, PLCA, Paso Flores, PLCA, Paso Flores, PLCA, Paso Flores, CZSB, Cruzeiro do Su, CZSB, Cruzeiro do Su, CZSB, Cruzeiro do Su, BB19B, Bebedouro, SPB, Sao Paulo, SPB, Sao Paulo, RCLB, Rio Claro - Sao, PETO1, Itanhém-SP, VAO, Valinhos, VAO, Valinhos, IPMB, Ipermei, GO, SNDB, Serra Nova Dou, PARB, Paraituba, SDBF, Brasília, BDFB, Brasília, BDFB, Brasília, ATAH, Atahualpa, PMNB, Patos De Minas, TEFE, Tefe, BSCB, Bom Sucesso, MACA, Manacapuru-AM, MACA, Manacapuru-AM, DIAM, Diamantina, MG, DUBO1, Friburgo, RJ, MCRM, Macar, Loja, JANB, Januária, CAMO1, Campos-RJ, SGCZ, Sao Gabriel, SMTB, Santa Maria do, SDBA, SAO DESIDERIO, PRPE, Parapebas, GO08, Villa O Higgins, ALF01, Guarapari-ES, SJMB, Sao Joao De Ma, BSFB, Barra, ES, RIB01, Linhares ES, OTAV, Otavalo, OTAV, Otavalo, OTAV, Otavalo, GUA01, Guaratinga, BA, FLOC, Florença, GUVG, San Jose del G, BOAV, Boa Vista, BOAV, Boa Vista, BOAV, Boa Vista, CMCO1, Camacan, BA, BBAC, Balboa, Cauca, BETC, Betania, POPC, Popayan, Colom, PRAC, Prado, JAMC, Jamundi, Valle, ORTC, Ortega, Tolima, CHIC, Chingaza, YOTC, Yotoco, Valle, ROSC, El Rosal, ROSC, El Rosal, ROSC, El Rosal, PLMC, San Jos del P, GUYC2, Guyana, SPBC, San Pablo de B, RUSC, La Rusia, NORC, Norocia, NBPS, Pedro II - PI, NBMA, Muriti-CE, SDV, Santo Domingo, SDV, Santo Domingo, SDV, Santo Domingo, NBPA, Parau, RN, RCBP, Riachuelo, NBPU, Pedro Vialto, HOPE, Hope Point, HOPE, Hope Point, JTS, Las Juntas de, BOAB, BOACO BROADBAND, BOAB, BOACO BROADBAND

Table with columns: MLPR, Magueyes Islan, MLPR, Cabo Rojo, RRPR, Cabo Rojo, CRPR, Cabo Rojo, OBIP, Obispado Ponce, OBIP, Obispado Ponce, CELP, San Juan, SJG, San Juan, MTO3, Montecristo, TEIG, Tepich, TEIG, Tepich, SOR, Soroa, SLR, Soroa, BELA, Beltrano 2, VNA3, Neumayer Olymp, VNA3, Neumayer-Stat, VNA2, Neumayer-Watz, 152A, Waverly Hall, SNA4, Sanae, SNA4, Sanae, SNA4, Sanae, SNA4, Sanae, GOGA, Godfrey, Y52A, Lilburn, LRAL, Lakeview Retre, W57A, Galeed, PAULI, Pauline, KMSC, Kings Mountain, Y49A, Blount Mountain, Y49A, Blount Mountain, BG3, Lake Cassees, TROLL, Troll, Antarli, X48A, Hartselle, V53A, Saluda, CPCT, Cooper Cave, TKL, Tuckaleechee C, TKL, Tuckaleechee C, T59A, Double "B" Far, DRIO, Del Rio, CLTN, Cedars of Leba, R58B, Mineral, U49A, Red Boiling Sp, BRDY, Brady, WVT, Waverly, WVT, Waverly, WWT, Nancy, R55A, Marlinton, SAND, Sanderson, OZAR, Ozark, TXAR, Lajitas Array, TXAR, Lajitas Array, Q56A, Snyder Ridge, Q54A, Cox's Mills, P57A, Homestead Farm, FCAR, Ozark Folk Cen, Q52A, Bidwell, R49A, Shelbyville, ALP1, Alpine, ALP1, Peebles, T42A, Van Buren, S44A, Carbondale, SIUC, Southern Illin, HUH, Hobbs, X34A, Smith Ranch, M, W35A, Tecumseh, O52A, Adamsville, PECS, Peck, RLO, Rose Lookout, U38A, Gravitte, VHRN, Van Horn, TUL3, Leonard, POST, Post, ACSO, Alum Creek Sta, M57A, Sunshine Farm, DKNS, Dickens, CCM, Cathedral Cave, CCM, Cathedral Cave, Q09A, Covington, GSPA, South Pole Qui, GSPA, South Pole Qui, GSPA, South Pole Qui, PAOC, Oil Creek Stat, L59A, Walton, MNTX, Cornudas Mount, BINY, Birmingham, L56A, Greenwood, T35A, Sooner Cattle, P43A, Skaggs, Pawnee, TRY, Troy

Table with columns: SFIN, Lafayette, N47A, Urbana, AMTX, Amarillo, MMNY, Mt. Morris Dam, P40A, Paris, HDIL, Hopedale, HSGI, Hopedale, J59A, Piesco, J57A, Williams, DBIC, Dimbokro, PECO, Prince Edward, 121A, Cooke's Peak, RTBA, Rita Blanco, N38A, Joes South For, L42A, Oliver, ALQ, Albuquerque, ANMO, Albuquerque, ANMO, Albuquerque, N35A, Tabor, BUKO, Buck Lake, T25A, Trinidad, I42A, Draeger Farm, 214A, Organ Pipe Nat, SDCO, Great Sand Dun, W18A, Petrified For, MVCO, Mesa Verde, WUAZ, Wupatki, ECSD, EROS Data Cent, SPMN, Marine on St., BLYX, Blythe, PV15, Paradox Valley, PV02, Paradox Valley, PV13, Radium Mtn., PV03, Paradox Valley, PV18, Skein Mesa, PV12, Sauce Basin, PV19, Morning Glory, PV20, West Nywonger, PV22, Blue Mesa, PV10, Paradox Valley, SBA, Scott Base, SBA, Scott Base, BC3, Big Chuckawall, PV23, Carpenter Ridge, BAR, Barrett, IRM, Iron Mountain, U15A, North Rim, E38A, The Farm, Brul, HMO, Henry Mountain, PFO, Pinyon Flats O, O20A, White River Cl, VANDA, Vanda, V12A, Nelson, ELS, Elsinore Mount, SRU, San Rafael S, MTPU, Mount Pierson, EYMN, Ely, Q16A, Castle Valley, SZCU, Shurtz Canyon, P18A, Preston Nutter, TBO, Thunder Bay, CCUT, Cedar City, P17A, Butcher Ranch, RDMU, Red Mountain, GSC, Goldstone, PASC, Pasadena Art C, RSSD, Black Hills, RSSD, Black Hills, RSSD, Black Hills, RSSD, Black Hills, RWY, Greenwater Val, PSUT, Pine Spring, CLC, China Lake, TPNV, Topopah Spring, FURC, Furnace Creek, GAGM, Agassiz Nation, TORM, Torodi Ar. Bea, TORI, Torodi Ar. Bea, ISA, Isabella, Lake, DUG, Dugway, Tooele, EPLQ, Experimental, PDAR, Pinedale Array, AHID, Auburn Hatcher, SNOW, Snow King Mount

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URJ, Urewera, Waiatarua, Rawiri, etc.

IDC 14 17:45:31.2, 3.47, 49N: 92.60W, h0km, mbtmp2.8/3, ML0.7/1, Error ellipse: s-maj=37.3km s-min=17.8km az=83.0

NEIC 14 17:45:31.5, 1.3, 47:57N: 0.03: 92.70W: 0.06, h0km, 2km, ML3.1/1.2, Error ellipse: s-maj=6.8km s-min=4.8km az=271.0

ISC 14 17:45:30.4, 0.9, 47:57N: 0.04: 92.70W: 0.05, h0km, n15, c090/15, Minnesota

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EYMN, E38A, EPLO, etc.

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

SNET 14 17:59:15.7, 2.0, 14:09:09N: 90.79W, h11km, ML3.3, Presumed earthquake

CATAC 14 17:59:16.6, 0.2, 14:09:09N: 90.79W, h11km, ML3.3/3.1, MLV3:3/3.1, Error ellipse: s-maj=4.1km s-min=1.4km az=27.9, confirmed

GCG 14 17:59:16.2, 1.7, 14:28N: 90.68W, h3km, 6km, MD4.1, MW3.0, Presumed earthquake

ISC 14 17:59:16.9, 1.0, 14:27N: 0.04: 90.64W: 0.03, h1km, n7km, n43, c1921/71, Guatemala

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like F68, FCG16, PGC5, etc.

JMA 14 18:10:36.1, 0.2, 265.7N: 0.6: 141E, h125km, MW3.8/9, IOTO ISLANDS REGION, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHH2, CBJ, JAG, etc.

IDC 14 18:24:32.6, 1.8, 63.1S: 130.22E, h0km, mb3.3/1, mbtmp3.4/5, ML3.4/4, Error ellipse: s-maj=69.3km s-min=25.0km az=86.0, Banda Sea

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

ASAR Ashiki Springs 17.61 169 P 18 28 40.7 0.0

ASAR 0.1nm, 0.3s, baz=351, slow=12, SNR=16 S Sn 18 31 52.7 -3.9

MKAR Makanchi Array 67.78 327 P 18 35 33.0 +0.6

MKAR 0.2nm, 0.6s, baz=130, slow=6.7, SNR=4.7 P Sn 18 35 33.0 +0.6

IDC 14 18:26:46.2, 1.6, 34:09N: 25.67E, h0km, mb3.6/5, mbtmp3.5/7, ML3.2/2, MS3.0/2, Error ellipse: s-maj=41.8km s-min=27.5km az=136.0

ISC 14 18:26:48.9, 1.4, 34:22N: 0.2: 25.6E: 0.2, h17km, n9, c0953/7, mb3.6/4, Crete

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

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

KRNET 14 18:33:02.9, 0.1, 39:55N: 69.21E, h8km, mb3.4

ISU 14 18:33:05.3, 0.9, 39:71N: 69.10E, h30km

INU 14 18:33:06.5, 3.9, 39:77N: 68.94E, h0km, mb3.4, mpv2.8, Error ellipse: s-maj=40.0km s-min=20.5km az=176.0

ISC 14 18:33:03.9, 2.2, 39:47N: 0.03: 69.13E: 0.04, h9km, n18km, n30, c131/58, 26C-13D, Tajikistan

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHGR, GAR, BTK, etc.

SDD 14 18:38:01.2, 2.1, 19:82N: 71.05W, h20km, 13km, MD3.2, ML2.7, MW3.3, Presumed earthquake Hypocentre not reviewed by the ISC

SSNC 14 18:38:02.2, 1.1, 19:76N: 71.16W, h5km, MD3.5, ML2.8, Presumed earthquake

OSPL 14 18:38:02.1, 2.1, 19:78N: 71.16W, h9km, 6km, ML2.6, Presumed earthquake

ISC 14 18:38:00.6, 1.0, 19:77N: 0.04: 71.17W: 0.04, h18km, 5km, n11, c113/12, 5C-3D, Dominican Republic region

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LOPPI, MADR, MCDR, etc.

Table with columns: PEAOB, PETK, MKAR, MKAR, KURBB, KURK, KURK, TIXI, ILAR. Includes station names, coordinates, and times.

Table with columns: LPAZ, LPAZ, TORD, ILAR, ILAR. Includes station names, coordinates, and times.

Table with columns: TBI, TBI, KRVT, PMG, TAOE, STKA, STKA. Includes station names, coordinates, and times.

IDC 14 19:00:46.8, 2.8, 28.83Sx137.02E, h0km, mbmp3.8/5, ML3.7/5, Error ellipse: s-maj=52.2km s-min=18.2km

IDC 14 19:53:02.7, 1.6, 6.47S, 123.59E, h0km, mb3.4/2, mbmp3.5/7, ML3.4/5, Error ellipse: s-maj=61.5km

IDC 14 19:53:02.7, 1.3, 6.75S, 123.4E, h35km, n7, 0, 097/7, Banda Sea

Main table listing station names (Code, Station Name, Az, Az', Phase ID, Time, Res, ISC) for various stations like OOD, LCRK, MULG, etc.

Table listing station names (Code, Station Name, Az, Az', Phase ID, Time, Res, ISC) for stations like BATI, KAPI, KAPI, FITZ, WRA, ASAR, CMAR, MKAR.

Table listing station names (Code, Station Name, Az, Az', Phase ID, Time, Res, ISC) for stations like AS31, ASAR, ASAR, ASAR, SOEI, BATI, JCJ, DVA, DVA, KAPI, RPV, JHJ, MJAR, MJAR.

IDC 14 20:02:18.2, 1.1, 32.70N, 85.16E, h0km, mb3.6/6, mbmp3.7/9, ML3.5/2, MS3.1/13, Error ellipse: s-maj=37.9km s-min=20.3km az=68.0

IDC 14 20:02:20.8, 1.1, 32.7N, 85.2E, h16km, n20, 0, 051/9, mb3.6/5, MS3.1/12, Xizang

IDC 14 19:01:09.1, 1.1, 55.88S, 27.17W, h0km, mb3.8/4, mbmp3.8/5, ML4.0/1, MS3.0/1, Error ellipse: s-maj=53.6km

Main table listing station names (Code, Station Name, Az, Az', Phase ID, Time, Res, ISC) for stations like AAK, MKAR, KURBB, CMAR, ZALV, ZALV, SONM, SONM, TLY, ARTI, GNI, NRIK, KLR, EIL, AKASG, ARCES, SPITS, NOA, WRA, ASAR, TORD, YKA.

Main table listing station names (Code, Station Name, Az, Az', Phase ID, Time, Res, ISC) for stations like MJAR, JOW, SHEM, JNU, PETK, QSPA, QSPA, LEM, KRSR, PFO, KDAK, YHJ, YHJ, LPJG, MPMC, MPMC, WAKR, WAKR, BEKR, P17K, DSP, LHV, LHV, IRM, IRM, NVAR, NVAR, NVAR, O18K, O18K, KVN, ILSW, ILSW, PINE, KLR, MA2, J16K, J16K, BBB, ELK, K20K, O28M, RND, M26K, NEW, VHRN, MNTX, CCB, PV10, IMAR, DLBC, SCRR, ILAR, ILAR, ILAR, H22K, TX31, TXAR, TXAR, TXAR, ANMO.

IDC 14 20:28:57.0, 0.7, 16.43S, 177.56W, h0km, mb3.9/13, mbmp3.9/15, ML4.9/2, MS4.2/57, Error ellipse: s-maj=26.2km s-min=15.8km az=139.0

IDC 14 20:28:57.0, 0.7, 16.43S, 177.56W, h0km, mb3.9/13, mbmp3.9/15, ML4.9/2, MS4.2/57, Error ellipse: s-maj=26.2km s-min=15.8km az=139.0

Main table listing station names (Code, Station Name, Az, Az', Phase ID, Time, Res, ISC) for stations like HOPE, HOPE, VNA3, VNA2, EFI, SNA, SNA, SNA, TROLL, BELA, GSPA, GSPA, BDFB, VNA2, VNA2, VNA2, LPAZ.

Main table listing station names (Code, Station Name, Az, Az', Phase ID, Time, Res, ISC) for stations like FUTU, MSVF, MSVF, MSVF, MSVF, AFI, RAO, RAR, URZ, URZ, HNR, PPT2, PPT2, PPT2, PPT2, TBI.

Main table listing station names (Code, Station Name, Az, Az', Phase ID, Time, Res, ISC) for stations like NVAR, O18K, KVN, ILSW, PINE, KLR, MA2, J16K, J16K, BBB, ELK, K20K, O28M, RND, M26K, NEW, VHRN, MNTX, CCB, PV10, IMAR, DLBC, SCRR, ILAR, ILAR, ILAR, H22K, TX31, TXAR, TXAR, TXAR, ANMO.

14d 20h

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like R33M Jennings River, M30M Minto, Yukon, etc.

1DC 14 20:38:36.6, 0.8, 16:38S, 178:00W, h0km, mb3.9/10, mbmp3.9/12, ML3.5, 0.1, MS3.9, Error ellipse: s-maj=0.34, 0.4km s-min=1.6, 1.8km az=147.0

2020 MAY

Azm200,0000": nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function. NEIC 14 20:38:40.0, 2.6, 15:61S, 0:09.178:3W, 0.1, h10km, 1km, mb4.7/33 Error ellipse: s-maj=22.3km s-min=10.7km az=124.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like Azm200,0000", NEIC 14 20:38:38.3, etc.

8521

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like PCI Palu, MMSI Mamuju, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like DJA 14 20:46:23.5, etc.

SFS 14 20:50:59.9, 36:99N, 4:09W, h0km, ML3.8/24, ML3.9/30, MLV3.7/30 IGIL 14 20:50:59.9, 36:96N, 4:06W, h0km, MDD 14 20:50:59.9, 36:96N, 4:06W, h0km, mb_Lg3.6/80, Error ellipse: s-maj=1.5km s-min=1.2km az=159.0

INMG 14 20:50:59.4, 1.6, 36:96N, 4:05W, h0km, 2km, ML3.2, Error ellipse: s-maj=1.9km s-min=1.4km az=178.0, #DIST_RANGE: REGIONAL #PMA_REGION: NE Malaga (ESP)

CNRM 14 20:51:01.6, 36:87N, 4:11W, h93km, ML2.9 ISC 14 20:50:58.5, 0.6, 36:98N, 0:02.4:05W, 0:01, h11km, 5km, #150, #193/272, Strait of Gibraltar

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like EGOR Sierra Gorda, EGRX Exora, etc.

Table with columns for station name, time, and location. Includes stations like PBAR, ESDC, ESB, EGRO, ETRV, JBK, PVAQ, PBDV, PBEJ, PCVE, AFON, EVIV, PESTR, UCM, MESJ, EPLA, EBEN2, EVO, ECH, IFR, PMRV, YEBES, PARRA, GUD, MORF, PMTG, PCBR, ZHG, ETOR, MD31, PSARD.

Table with columns for station name, time, and location. Includes stations like PSARD, E0901, EJUJZ, MTE, EMOS, PMAFR, AVE, CASMIL, PCAS, ECOL, EIBI, MVO, PVIS, PVRL, ERTA, PBRG, POLO, FIGM, ECAL, ECAL, ECAL, PTO, ESAC, TISM, PCAB, PCAB, ELOB, EPOB, PGAV, PGAV, PGAV, ETOS, ELAN, ELAN, EORO, EORO, EAR1, EAR1, OUZM, OUZM, EALK, EALK, ECHI, ECHI, EAGO, EAGO, TIO, TIO, TIO, EPON, EPON, ASAK.

Table with columns for station name, time, and location. Includes stations like ASAK, MTRV, MTRV, GRV, GRL, GRL, RUS, APC, APC, KRMR, KRMR, PETK, DALK, DALK, UGLR, UGLR, KOK, KOK, AVH, AVH, SMAR, SMAR, KRMR, KRMR, SDLR, SDLR, KRX, KRX, NLC, NLC, GNL, GNL, SPN, SPN, KBTR, KBTR, MJAR, H11N2, H11N1, H11N3, H11S1, H11S2, ILAR, ZALV, MKAR, ARCES, FINES, FINES, SCHO, WEL, Code, Station Name, Phase ID, Time Res.

Table with columns: YUKA, G30M, F30M, EPYK, O28M, DAWY, H29M, H29M, H29M, E29M, I28M, M27K, F28M, F28M, L27K, E28M, I27K, H27K, M26K, G27K, G27K, D27M, E27K, SCRK, SCRK, BMRM, RIDG, HARP, F26K, EYAK, PAX, C27K, J25K, K24K, Q23K, PRP, F25K, F25K, E25K, C26K, G25K, GLI, ILAR, HDA, D5Y, D5Y, D25K, POKR, WAT6, G24K, H24K, SML, KNK, F24K, MCK, E24K, SEW, I23K, C24K, E23K, TOLK, G23K, CUT, MLY, BRSE, D23K, D23K, C23K, BPAW, H22K, G22K, F22K, PPLA, H21K, B22K, M20K, G21K, B21K, J20K, K20K

Table with columns: OHAK, C21K, H20K, TORO, N19K, F20K, E20K, A21K, J19K, D20K, M18K, E19K, G19K, GCSA, L18K, D19K, F19K, P17K, R17L, H18K, O17K, G18K, C19K, KEST, K17K, L17K, J17K, O16K, P16K, C18K, G17K, L16K, E17K, I17K, C17K, N15K, D17K, M15K, H16K, L15K, CHNA, O14K, M14K, N14K, G15K, L14K, F15K, F14K, K13K, TNA, SFINA, BRTR, WMQ, WMQ, HHC

Table with columns: YKA, BRTR, KRN, CHM, DZA, DZA, DZA, KK31, KK31, MNAS, MNAS, BRLS, BRLS, BRLS, NGBK, FRG, FRG, ARSB, ARSB, TSTA, TSTA, BTK, BTK, MRKS, MRKS, MRKS, MRKS, OHH, OHH, EKSE, EKSE, DRK, DRK, ARLS, ARLS, SFK, SFK, UCH, UCH, AAK, AAK, SGDS, SGDS, KST, KST, KST, KST, ISK, GIL, ATH, IDC, AFAD, KNDR, Code, ZKR, ZKR, ZKR, SIT2, NPS, NPS, NPS, IDI, IDI, GVD, GVD, VAMOS, VAMOS, KARP, KARP, KARP, IMMV, IMMV, KNDR, KNDR, THERA, THERA, THERA, ANKY, ANKY, ARG, ARG, YAZI, YAZI, DAT, DAT, BODR, BODR, TURUN, TURUN, TURN, TURN, VLI, VLI, MLSB, MLSB, DALY, DALY, IZZE, IZZE, IZZE, IZZE, SABU, SABU, SABU, SABU

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, ISC, Res. Includes stations like Neapolis, Anoyia, Gavdhos, Varnos, etc.

BGR 14 22:33:30.3±2.2, 33°87'N; 26°44'E, h10km, mb4.4, Error ellipse: s-maj=56.7km s-min=50.0km az=49.0
IDC 14 22:33:32.8±0.6, 34°12'N; 25°73'E, h0km, mb4.6/2.4, mbtmp4.5/3.8, ML4.1/1.4, MS3.6/3.2, Error ellipse: s-maj=14.3km s-min=11.0km az=3.0

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, ISC, Res. Includes stations like ZKR, NPS, AMAC, etc.

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, ISC, Res. Includes stations like THRS, THRB, THRT, etc.

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, ISC, Res. Includes stations like AMAZ, AMAZ, MMAOB, etc.

NOA	LR	LR	22 52 53.1		
comp=Z,82nm,20.9s,baz=160,slow=41					
NOA	P	P	22 39 29.0 -1.1		
SUF	eP	I Amb	22 39 29.5 -1.3		
NB000	P	I Amb	22 39 34.0		
comp=Z,18nm,1.1s					
NC204	P	P	22 39 33.1 +0.2		
NC204	I Amb	I Amb	22 39 45.8		
SKAR	eP	P	22 39 33.9 +0.5		
YOF	eP	P	22 39 33.4 -0.9		
JAF	eP	P	22 39 33.2 -1.2		
KIRV	eP	P	22 39 34.7 -0.3		
EKA	eP	P	22 39 35.9 -0.1		
comp=Z,4.2nm,0.6s,baz=142,slow=9.4,SNR=20					
EKA	P	P	22 39 36.3 +0.4		
EKA	pmax	pmax			
comp=Z,3.0nm,0.9s					
ESK	P	P	22 39 36.8 +0.8		
ESK	I Amb	I Amb	22 39 46.6		
comp=Z,8.4nm,0.8s					
ESK	P	P	22 39 36.8 +0.8		
ESK	pmax	pmax			
comp=Z,8.0nm,0.8s					
AB31	P	P	22 39 37.0 -0.2		
ABKAR	P	P	22 39 37.6 +0.4		
BER	eP	P	22 39 38.6 +0.4		
ASJK	eP	P	22 39 39.5 +0.1		
DSB	P	P	22 39 40.4 -0.3		
DSB	I Amb	I Amb	22 39 41.4		
comp=Z,7.2nm,0.7s					
HYA	eP	P	22 39 42.6 +0.8		
DOMB	eP	P	22 39 42.6 +0.4		
HRAT	P	P	22 39 44.6 +1.1		
TORD	P	P	22 39 45.1 0.0		
comp=Z,3.8nm,0.6s,baz=29,slow=8.8,SNR=39					
MOL	eP	P	22 39 51.1 +1.8		
ARTI	LR	LR	22 54 27.2		
ARTI	LR	LR	22 54 27.2		
ARTI	P	P	22 39 56.3 +0.2		
ARTI	I Amb	I Amb	22 40 01.8		
ARTI	P	P	22 39 55.9 -0.2		
ARTI	P	P	22 40 57.0		
ARTI	P	P	22 42 49.4		
ARTI	S	S	22 45 04.4 +0.3		
ARTI	SS	SSn	22 46 47.7 -1.0		
ARTI	pmax	pmax			
comp=Z,18nm,2.7s					
NSS	eP	P	22 39 56.9 -0.1		
LODK	eP	P	22 39 60.0 +1.1		
MORF	eP	P	22 40 07.2 -0.3		
LEIR	eP	P	22 40 07.1 -1.5		
RAUS	eP	P	22 40 09.7 -0.5		
KONS	eP	P	22 40 10.5 -1.2		
VAGH	eP	P	22 40 12.9 -0.5		
FAUS	eP	P	22 40 16.3 -0.5		
STEI	eP	P	22 40 20.6 -0.8		
KTKI	eP	P	22 40 25.4 -1.0		
ARAO	eP	P	22 40 30.7 0.0		
ARCES	eP	P	22 40 29.5 -1.2		
ARCES	LR	LR	22 56 25.8		
comp=Z,1.13nm,18.0s,baz=185,slow=39					
KK31	P	P	22 40 33.1 +0.2		
KK31	P	P	22 40 33.1 +0.2		
KK31	pmax	pmax			
comp=Z,4.0nm,0.9s					
KKAR	P	P	22 40 33.8 +0.9		
KKAR	P	P	22 40 33.8 +0.9		
GAR	P	P	22 40 35.3 +1.3		
GAR	I Amb	I Amb	22 40 42.2		
comp=Z,6.5nm,0.7s					
BORK	P	P	22 40 42.5 +1.6		
BORK	eP	P	22 40 42.2 +1.3		
BORK	pmax	pmax			
comp=Z,6.0nm,0.8s					
BVAR	P	P	22 40 41.3 0.0		
comp=Z,7.6nm,0.9s,baz=25,slow=5.8,SNR=16					
ARSB	P	P	22 40 50.3 +0.8		
ARSB	P	P	22 40 50.3 +0.8		
ARSB	pmax	pmax			
comp=Z,4.0nm,0.7s					
KIBK	P	P	22 40 54.2 +1.5		
AAK	P	P	22 40 60.4 +1.9		
AAK	P	P	22 40 59.2 +1.1		
AAK	pmax	pmax			
comp=Z,3.0nm,1.1s					
DBIC	P	P	22 41 04.6 +0.9		
comp=Z,2.8nm,0.7s,baz=90,slow=6.5,SNR=3.3					
DBIC	P	P	22 59 05.6		
comp=Z,1.32nm,18.8s,baz=17,slow=39					
NRN	P	P	22 41 09.1 +0.6		
NRN	P	P	22 41 09.1 +0.6		
NRN	pmax	pmax			
comp=Z,4.0nm,0.8s					
KURBB	P	P	22 41 21.5 +1.1		
comp=Z,6.5nm,0.9s,baz=27,slow=8.7,SNR=27					
KURK	P	P	22 41 21.2 +0.4		
KURK	eP	P	22 41 21.1 +0.2		
KURK	pmax	pmax			
comp=Z,5.0nm,0.8s					
BORG	LR	LR	23 01 39.1		
comp=Z,7.0nm,18.4s,baz=76,slow=40					
MAKZ	P	P	22 41 39.8 +0.4		
MAKZ	P	P	22 41 39.8 +0.4		
MAKZ	pmax	pmax			
comp=Z,3.0nm,0.8s					
MK31	P	P	22 41 41.8 +0.7		
MK31	P	P	22 41 42.0 +0.9		
MKAR	P	P	22 41 26.5 -0.5		
comp=Z,1.0nm,0.6s,baz=284,slow=9.5,SNR=1.9					
MKAR	P	P	22 41 41.5 +0.4		
MKAR	P	P	22 41 41.5 +0.4		
SPA0	P	P	22 41 43.8 -0.6		
SPITS	P	P	22 41 44.0 -0.3		
comp=Z,1.1nm,0.9s,baz=148,slow=11,SNR=11					
SPITS	PcP	PcP	22 43 28.4 +0.4		
comp=Z,1.1nm,0.9s					
ZAA0	P	P	22 41 52.1 -0.4		
ZALV	P	P	22 41 52.7 +0.3		
comp=Z,9.6nm,0.5s,baz=266,slow=8.8,SNR=47					
ZALV	LR	LR	23 05 12.5		
comp=Z,36nm,19.5s,baz=293,slow=42					
ZALV	P	P	22 41 52.5 0.0		
ZALV	P	P	22 41 52.5 0.0		
DAG	P	P	22 42 06.0 -0.7		
DAG	I Amb	I Amb	22 42 09.0		
comp=Z,8.9nm,0.9s					
WMO	eP	P	22 42 16.8 +2.8		
NRK	P	P	22 42 18.3 +0.6		
NRK	LR	LR	23 05 09.9		
comp=Z,65nm,19.1s,baz=280,slow=39					
NRK	P	P	22 42 17.9 +0.2		
NRK	I Amb	I Amb	22 42 25.2		
comp=Z,5.8nm,0.7s					
NRK	eP	pmax	22 42 19.1 +1.4		
NRK	pmax	pmax			
comp=Z,5.0nm,0.9s					
LSZ	LR	LR	23 05 56.7		
SUMG	LR	LR	22 42 29.9 -0.1		
SUMG	I Amb	I Amb	22 42 31.6		
comp=Z,7.8nm,0.8s					
SUMG	P	P	22 42 29.9 -0.1		
SUMG	pmax	pmax			
comp=Z,8.0nm,0.8s					
SUMG	iP	P	22 42 30.7 +0.8		
SUMG	I Amb	I Amb	22 42 34.7		
EVN	P	P	22 42 45.1 +0.6		
GRTLQ	I Amb	I Amb	22 43 10.1		

GOMU	P	P	22 43 09.4 +0.6		
GOMU	pmax	pmax			
comp=Z,3.0nm,0.6s					
KOOLE	P	P	22 43 20.7 +0.5		
KOOLE	I Amb	I Amb	22 43 28.6		
comp=Z,7.1nm,0.8s					
LPHEP	P	P	22 43 21.9 +0.9		
LPHEP	I Amb	I Amb	22 43 29.5		
comp=Z,9.7nm,0.9s					
LKGV	P	P	22 43 28.2 +0.8		
BRDH	LR	LR	23 15 14.9		
LKGV	LR	LR	23 15 14.9		
LBTB	LR	LR	23 12 05.0		
comp=Z,34nm,18.7s,baz=306,slow=43					
ULN	P	P	22 43 43.5 +1.3		
ULN	P	P	22 43 43.3 +1.1		
ULN	pmax	pmax			
comp=Z,6.0nm,1.7s					
POIN	P	P	22 43 52.3 0.0		
POIN	P	P	22 43 54.0 +0.1		
TIXI	I Amb	I Amb	22 43 57.7		
comp=Z,4.5nm,0.8s					
TIXI	eP	pmax	22 43 54.0 +0.1		
TIXI	pmax	pmax			
comp=Z,5.0nm,0.8s					
LZH	P	P	22 44 07.6 +1.5		
LZH	pP	pP	22 44 51.1 -1.3		
LZH	pmax	pmax			
comp=Z,1.1nm,1.0s					
SCHO	P	P	22 44 10.3 +0.3		
SCHO	P	P	22 44 10.3 +0.3		
SCHO	pmax	pmax			
comp=Z,23nm,0.5s,baz=71,slow=4.4,SNR=92					
SCHO	P	P	22 44 09.8 -0.1		
SCHO	P	P	22 44 10.1 +0.2		
ILON	P	P	22 44 09.6 -0.2		
RES	I Amb	I Amb	22 44 13.5 +0.8		
RES	I Amb	I Amb	22 44 16.0		
comp=Z,3.7nm,0.7s					
RES	P	P	22 44 13.5 +0.8		
RES	pmax	pmax			
comp=Z,4.0nm,0.7s					
HHC	eP	S	22 44 20.9 +1.3		
HHC	S	S	22 53 01.8 -4.5		
HHC	pmax	pmax			
comp=Z,9.0nm,0.5s					
HHC	pmax	pmax			
comp=Z,5.9nm,5.0s					
CHTO	P	P	22 44 22.7 +1.6		
CHTO	P	P	22 44 22.7 +1.6		
CHTO	pmax	pmax			
comp=Z,3.0nm,0.9s					
CMAR	P	P	22 44 22.6 +0.4		
CMAR	P	P	22 44 22.6 +0.4		
CMAR	pmax	pmax			
comp=Z,2.2nm,0.8s					
CMAR	P	P	22 44 22.9 +0.7		
CMAR	LR	LR	22 44 22.9 +0.7		
CMAR	LR	LR	22 47 03.5		
comp=Z,192nm,18.2s,baz=344,slow=39					
YAK	LR	LR	23 15 39.6		
YAK	P	P	22 44 20.7 -3.2		
YAK	eP	pP	22 44 48.6 -0.7		
YAK	eP	pP	22 48 22.7		
YAK	eS	S	22 53 13.0 -1.4		
YAK	eS	S	22 54 18.1		
YAK	eSS	SS	22 57 26.7 -3.9		
YAK	pmax	pmax			
comp=Z,5.0nm,0.8s					
YAK	pmax	pmax			
comp=N,4.0nm,1.7s					
YAK	pmax	pmax			
comp=E,3.0nm,1.3s					
YAK	pmax	pmax			
comp=E,1.42nm,5.0s					
YAK	pmax	pmax			
comp=Z,139nm,6.3s					
YAK	pmax	pmax			
comp=N,140nm,4.6s					
YAK	smax	smax			
comp=E,89nm,6.8s					
YAK	smax	smax			
comp=N,60nm,4.2s					
YAK	smax	smax			
D62A	P	P	22 44 40.6 +1.2		
E62A	P	P	22 44 43.9 +1.4		
HEH	eP	pmax	22 44 54.6 +0.8		
HEH	pmax	pmax			
comp=N,7.0nm,0.7s					
BLKN	P	P	22 44 56.0 -0.8		
A36M	P	P	22 44 59.6 +0.3		
A36M	P	P	22 44 58.8 -0.5		
TRQ	P	P	22 45 02.9 +0.8		
TRQ	I Amb	I Amb	22 45 06.3		
comp=Z,7.8nm,1.0s					
VLD0	P	P	22 45 07.7 +1.6		
VLD0	I Amb	I Amb	22 45 11.7		
comp=Z,1.1nm,1.0s					
LONY	P	P	22 45 07.7 +0.6		
LONY	I Amb	I Amb	22 45 09.6		
comp=Z,6.0nm,0.9s					
BNX	P	P	22 45 09.3 +1.4		
BNX	pmax	pmax			
comp=8.0nm,1.2s					
BILL	eP	pmax	22 45 10.8 +1.5		
BILL	pmax	pmax			
comp=Z,3.0nm,0.9s					
KLR	LR	LR	23 23 33.1		
KLR	LR	LR	22 45 12.5 +1.3		
KLR	pmax	pmax			
comp=Z,13nm,2.6s					
SEY	P	P	22 45 12.5 +0.9		
SEY	pmax	pmax			
comp=Z,5.0nm,0.8s					
C36M	P	P	22 45 11.0 -1.5		
FCC	I Amb	I Amb			

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like G22K Bettles, GLMI Graying, F19K Shalerucik Riv, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like MCK McKinley, KTH Kantishna Hill, M30M Minto, Yukon, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes entries like CROE Cirque, O29M Mount Kennedy, O29M Mount Kennedy, etc.

NEIC 14 22:35:18.4:1.0,3:5S:0.1:139:54E:0.06,h68km,8km, mb4,1/1, Error ellipse: s-maj=17.0km s-min=8.2km az=191.0
IDC 14 22:35:19.4:1.5,3:5S:139:47E,h70km,16km,mb3.8/5, mbmp4.3,MS2.9/6, Error ellipse: s-maj=21.3km s-min=11.9km az=117.0
DJA 14 22:35:20.0:2.3:3:3:139:54E,h61km,4km,MA,7/16, mb4.5/16,mb5.4/3,MLV4.8/12,Mw(MB)4.8/3,MwMwp5.5/1, Mwp5.7/1
ISC 14 22:35:18.3:0.6,3:64S:0.06:139:50E:0.05,h68km,n56, c191/48,mb3.9/5,Irian Jaya

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like WAMI Wamena, GENE Genyem, JAY Jayapura, etc.

WEL 14 23:01:03.9.0.7, 37.5 S, 148.0 W, h110km, 12km, M3.5/22, ML3.5/31, MLV3.5/22, Error ellipse: s-maj=8.1km s-min=7.6km az=9.9, East of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like MXZ Matakaoa Point, WMGZ Waikomataini S, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like TMVZ Black Hill Sta, BHZH Black Hill Sta, etc.

IDC 14 23:56:18.0.0.8, 2.98S, 142.19E, h0km, mb3.8/10, mbtmp3.8/11, ML3.9/1, MS2.9/3, Error ellipse: s-maj=18.5km s-min=13.8km az=42.0

DJA 14 23:56:24.1.0.9.3, 3.8 S, 142.2 E, h10km, M4.6/7, MB6.0/1, mb4.5S, MLV4.5/7, MW(MB)5.7/1

ISC 14 23:56:24.1.0.9.3, 3.8 S, 142.2 E, h10km, M4.6/7, MB6.0/1, +f134/25, mb3.9/10, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like JAY Jayapura, JAY Jayapura, etc.

IDC 15 00:06:29.5.2.6, 16.20S, 69.30W, h189km, 12km, mb3.2/2, mbtmp3.7/3, Error ellipse: s-maj=137.5km s-min=27.8km az=9.0, Peru-Bolivia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like LPAZ La Paz, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like SABU Mula-Dalaman, DNZT Denizli-Tavas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like CAEL Denizli, Camel, CAEL Denizli, Camel, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like APMY Acipayam-Deniz, IZZE Mula-Seydiye, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like ESEN Aydin-Nazilli, ESEN Aydin-Nazilli, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like DAT Datca, DAT Datca, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like JAY Jayapura, JAY Jayapura, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like GENI Genyem, GENI Genyem, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like SMPI Sarmi, WAMI Wamena, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like BAKI Ransiki, PAKI Ransiki, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like RMG Port Moresby, RMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like FAKI Fak Fak, FAKI Fak Fak, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like STKA Stephens Creek, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like H11S1 WAKE ISLAND Hy 32.20, H11S1 WAKE ISLAND Hy 32.22, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like H11N1 WAKE ISLAND Hy 33.12, H11N1 WAKE ISLAND Hy 33.16, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like H11N2 WAKE ISLAND Hy 33.14, H11N2 WAKE ISLAND Hy 33.16, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like KSRs Korea Array, KSRs Korea Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like USRK Ussak Array, USRK Ussak Array, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like VVND Vanda, VVND Vanda, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like KURB8 Kurchatov Arra, KURB8 Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like BVAR Borovoye Array, BVAR Borovoye Array, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like QSPA South Pole Qui, QSPA South Pole Qui, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like LPAZ La Paz, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like DBIC Dimboko, DBIC Dimboko, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like KORT Korkuelli, KORT Korkuelli, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station details. Includes stations like BCK Bucak, BCK Bucak, etc.

15d 1h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like DEMI Izmir, URLA, GEDZ Gediz, CHOS Chios Island, etc.

IDC 15 00:14:53.4±7.0, 1558S±178.14W, h0km, mb3.7/3, mbtmpp3.6/4, ML4.8/1, MS2.9/2, Error ellipse: s-maj=336.0km s-min=30.1km az=140.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like MSVF Nonsavu, HNR Honiara, URZ Urewera, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, BRTR Keskin Array B, GERES GERES Array B.

SOME 15 00:35:31.1, 40.63N:78.80E, h5km NNC 15 00:35:32.5±1.2, 40.66N:78.80E, h0km, mb3.0, mpv3.0, Error ellipse: s-maj=7.9km s-min=7.7km az=161.0, KRNET 15 00:35:37.9±0.1, 40.94N:78.99E, mb2.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like TARG Taragay, KYRGY Kyrgyz, KADJ Kajisay, NARN Naryn, SATY Saty, UZB Uzunbulak, SHLS Shalkode, KPCK Kokpek, MDOK Medeo, MDOK Medeo.

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Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like KOTS Kotybulak, KOTS Kotybulak, IDC 15 00:38:19.8±1.1, 5.09S:152.35E, h0km, mb4.2/8, IDC 15 00:38:24.9±0.8, 5.40S:152.4E±0.1, h40km, n80, Code Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like BARN, J25K Salcha River, LOGN Logan Glacier, D23K Manushuk River, M27K Edge Creek, BVAR Borovoye Array, NVAR Mina Array B, YKA Yellowknife Arr, ARTI Arti, PDAR Pinedale Array, PDAR Torodi Arr, ZKR Zakros, ZKR Zakros, NPS Neapolis, IACM Heraklion, IDI Anoyia, IDI Anoyia, GVD Gavdhos, GVD Gavdhos, KARP Karpathos, KARP Karpathos, VAM Vamos, VAM Vamos, IMMV Iera Moni Meta, IMMV Iera Moni Meta, THERA Ancient Thera, THERA Ancient Thera, THR6 Thira Island, THR6 Thira Island, ANKY Antikythira Is, ARG Arkhangelsk, IZZE Mula-Seydik, IZZE Mula-Seydik, AKAS Kas, AKAS Kas, SABU Mula-Dalaman, SABU Mula-Seydik, DNZT Denizli-Tavas, DNZT Denizli-Tavas, AKUM Akum, AKUM Akum, GOLH Golhisar, GOLH Golhisar, KORT Korkueeli, KORT Korkueeli, BRTR Keskin Array B, GERES GERES Array B, ESDC Sonseca Array, ESDC Sonseca Array, FINES FINES Array B, FINES FINES Array B, TORODI Torodi Arr, TORODI Torodi Arr, SCHO Schefferville, SCHO Schefferville, YKA Yellowknife Arr, YKA Yellowknife Arr, RSNC MLv2.5, Northern Colombia, BARC Barichara, BARC Barichara, PAMC Pamplona, Colo, PAMC Pamplona, Colo, RUSC La Rusia, RUSC La Rusia, PTBC PUERTO BERRIO, PTBC PUERTO BERRIO, OCAC Ocania, OCAC Ocania, SPBC San Pablo de B, SPBC San Pablo de B, NORC Norcasia, NORC Norcasia, CHIC Chingaza, CHIC Chingaza, ROSC El Rosal, ROSC El Rosal, GUYC Guyana, Caldas, GUYC Guyana, Caldas.

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, h, m, s, Res, ISC. Includes stations like FINES FINESS Array B, PLCA Paso Flores, BRTR Keskinn Array B, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, h, m, s, Res, ISC. Includes stations like FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, BBJJ Bungbulang, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, h, m, s, Res, ISC. Includes stations like E19K Redstone River, M20K Styx River, B22K Teshekpuke Lake, etc.

SNET 15 02:48:44.7±1.2, 11°19'N:87°16'W, h0km, 94km, ML3.5, Presumed earthquake. CATAC 15 02:48:47.0±1.0, 12°N:83°8'W, h166km, 2km, M2.8/2.8, MLv2.8/2.8, Error ellipse: s-maj=7.1km s-min=3.2km az=42.4, confirmed. ISC 15 02:48:44.5±1.6, 12.06N:0.08:86.34W:0.07, h190km, 10km, n36, 0°98N/56, Nicaragua

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, h, m, s, Res, ISC. Includes stations like SAPS Ciudad Sandino, MGAN Managua, APQZ Apoyeque, etc.

BJJ 15 02:38:22.0 ± 1.11N:127.28E, h137km, mB4.9/6, mb4.7/37. IDC 15 02:38:26.0 ± 1.12N:127.28E, h142km, 13km, mb4.2/12, mbtmp4.6/15, MS2.8/3, Error ellipse: s-maj=24.6km s-min=10.1km az=69.0

DJA 15 02:38:25.7 ± 0.2 N:2°12'7E, h123km, 2km, M4.7/30, mb4.9/24, mb5.2/16, MLv4.8/30, Mw(MB)4.6/16. NEIC 15 02:38:26.0 ± 1.5, 1.50N:0.07°127.14E:0.08, h135km, 5km, mb4.6/40, Error ellipse: s-maj=12.4km s-min=8.9km az=56.0

ISC 15 02:38:27.1 ± 0.4, 1.53N:0.04:127.20E:0.05, h150km, n137, 0°166/140, mb4.6/38, 1D, Halmahera

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, h, m, s, Res, ISC. Includes stations like AS01 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

NAO 15 02:52:09.7 ± 0.9, 73.70N:8°84E, h10km, ML3.0. BER 15 02:52:09.6 ± 0.3, 73.62N:8°82E, h10km, Mw4.1, ML3.0(NAO), Confirmed Earthquake. ISC 15 02:52:06.9 ± 1.1, 3.7336N:0.06:8.81E:0.10, h10km, m24, 0°257/30, Greenland Sea

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, h, m, s, Res, ISC. Includes stations like GAMI Galela, Maluku, TATI Ternate, TATI Ternate, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, h, m, s, Res, ISC. Includes stations like AULRC Lightning Ridg, CMSA Cobar Meteor, ARMA Armidale, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, h, m, s, Res, ISC. Includes stations like BJO1 Bjornoya, BEAR Bear Island, BRBA Barentsburg, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TWGBT Beinan, TWGT Pinlang, TTT Taitung, etc.

SSNC 15 04:10:36.5±1.4, 19.65N±70.04W, h20km±16km, MD3.4, ML3.4, Presumed earthquake

OSPL 15 04:10:40.9±2.8, 19.70N±70.36W, h5km±11km, ML3.3, Presumed earthquake

SDD 15 04:10:42.0±2.4, 19.63N±70.40W, h17km±14km, MD3.5, ML3.5, MW3.7, Presumed earthquake Hypocentre not reviewed by the ISC

ISC 15 04:10:40.1±1.4, 19.66N±70.04W, h27km±11km, n21, c193/37, 10C-2D, Dominican Republic region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SODR Sosua Marina B, SODR SODR, SODR SODR, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FORT Forrest, H11S3 WAKE ISLAND Hy 32.63, H11S2 WAKE ISLAND Hy 32.64, etc.

THE 15 04:09:02.8, 37°N, 4°2'1"E, h18km±7km, M2.8/10, MLh2.8/10

ATH 15 04:09:04.6, 37°25'N, 20°77'E, h18km±3km, ML2.9/4, Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

ISC 15 04:09:05.9±1.4, 37.44N±0.05±21.05E±0.04, h4km±11km, n21, c159/38, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LTHK Lithakia, LTHK LTHK, KYPS Kypseli, ZAKIN, etc.

SSNC 15 04:10:36.5±1.4, 19.65N±70.04W, h20km±16km, MD3.4, ML3.4, Presumed earthquake

OSPL 15 04:10:40.9±2.8, 19.70N±70.36W, h5km±11km, ML3.3, Presumed earthquake

SDD 15 04:10:42.0±2.4, 19.63N±70.40W, h17km±14km, MD3.5, ML3.5, MW3.7, Presumed earthquake Hypocentre not reviewed by the ISC

ISC 15 04:10:40.1±1.4, 19.66N±70.04W, h27km±11km, n21, c193/37, 10C-2D, Dominican Republic region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SODR Sosua Marina B, SODR SODR, SODR SODR, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban, etc.

ISC 15 04:41:01.4±4.3, 30.52N±69.32E, h0km, mb3.7/5, mbtmp3.7/7, ML3.4/2, Error ellipse: s-maj=91.3km s-min=34.6km az=148.0

ISC 15 04:41:07.3±3.5, 30.7N±69.3E±0.3, h35km, n7, c0954/7, mb3.7/5, Pakistan

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

ISC 15 04:45:58.4±0.4, 13.69N±144.86E, h126km±4km, mb3.7/13, mbtmp4.1/13, Error ellipse: s-maj=23.5km s-min=13.6km az=78.0

NEIC 15 04:45:58.9±0.8, 13.65N±144.7E±0.1, h131km±6km, n47, c0876/42, mb4.2/25, Mariana Islands

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

N17K	Nushagak Hills	14.48	39	Pn	06 54 48.3 +0.5
N17K	Nushagak Hills	14.48	39	P	06 54 47.0 -0.8
Q18K	Katmai Hardscr	14.49	48	P	06 54 47.3 -0.9
P18K	Big Glacier	14.72	45	Pn	06 54 50.5 -0.7
OHAK	Old Harbor	14.84	55	P	06 54 52.3 -0.4
M17K	Holittna River	14.90	36	Pn	06 54 53.0 -0.6
M17K	Holittna River	14.90	36	P	06 54 53.3 -0.3
O18K	Koktuh Hills	14.95	44	Pn	06 54 53.9 -0.4
O18K	Koktuh Hills	14.95	44	P	06 54 53.9 -0.4
L17K	Donlin	15.07	33	Pn	06 54 55.6 -0.2
ANM	Nome	15.09	18	Pn	06 54 55.2 -0.8
ANM	Nome	15.09	18	IAMB	06 55 15.2
ANM	Nome	15.09	18	P	06 54 55.6 -0.5
N18K	Kilae Creek	15.09	40	Pn	06 54 55.0 -1.1
N19K	Kilae Creek	15.09	40	IAMB	06 55 02.8
N18K	Kilae Creek	15.09	40	P	06 54 56.0 -0.2
J16K	Anvik River	15.17	27	P	06 54 56.0 -1.1
Q19K	Cape Douglas,	15.25	48	Pn	06 54 56.3 -2.0
KDAK	Kodiak Island	15.37	53	Pn	06 54 55.1 -4.7
KDAK	Kodiak Island	15.37	53	Sn	06 57 55.4 +6.4
KDAK	Kodiak Island	15.37	53	LR	07 02 16.4
KDAK	Kodiak Island	15.37	53	Pn	06 54 57.8 -2.0
K17K	Iditarod	15.47	31	Pn	06 55 01.3 +0.2
O19K	Port Alsworth	15.51	43	P	06 55 01.6 0.0
M18K	Stony River	15.58	38	Pn	06 55 02.0 -0.5
L18K	Granite Mounta	15.70	35	Pn	06 55 04.4 +0.4
J17K	VABM Dome	15.71	29	Pn	06 55 04.6 +0.5
G15K	Niukuk	15.73	19	Pn	06 55 04.5 0.0
N19K	Bonanza Creek	15.75	41	Pn	06 55 04.3 -0.5
P19K	Oil Pt	15.75	46	P	06 55 05.0 +0.3
F14K	Arctic Creek	15.75	15	Pn	06 55 04.3 -0.3
H16K	Elim	15.83	22	Pn	06 55 06.0 +0.3
ILSW	Ilitna Southw	15.93	45	Pn	06 55 06.3 -0.9
O20K	Slope Mountain	16.21	45	P	06 55 10.2 -0.5
F15K	North Star Dit	16.25	17	Pn	06 55 11.2 +0.1
RED	Redoubt Volcan	16.29	44	Pn	06 55 11.1 -0.7
L19K	White Mountain	16.36	37	P	06 55 12.2 -0.3
M19K	Big River Lodg	16.38	38	Pn	06 55 13.0 +0.3
HOM	Homer	16.49	47	Pn	06 55 12.8 -1.3
HOM	Homer	16.49	47	IAMB	06 55 49.3
PEAOB	Homer	16.49	47	Pn	06 55 13.3 -0.8
PEAOB	Homer	16.49	47	IAMB	06 55 18.2
PETK	Petrovlovsk	16.51	289	Pn	06 55 14.4 -0.1
PETK	Petrovlovsk	16.51	289	LR	07 02 01.4
PETK	Petrovlovsk	16.51	289	Sn	06 55 14.1 -0.3
H17K	Granite Mounta	16.65	24	P	06 55 16.6 +0.0
H17K	Granite Mounta	16.65	24	Pn	06 55 15.9 -0.3
M20K	Styx River	16.86	39	P	06 55 19.0 +0.1
SPCR	Spurr Chakacha	16.90	42	Pn	06 55 19.1 -0.4
G17K	Kiwalik Mounta	16.92	22	Pn	06 55 19.1 -0.5
BRSE	Bradley Lake S	16.94	48	Pn	06 55 19.1 -0.7
SPU	Mount Spurr	16.96	42	P	06 55 20.4 +0.3
STLK	Strandline Lak	17.20	41	P	06 55 24.6 0.0
J19K	Pooman	17.23	31	Pn	06 55 22.8 -0.6
H18K	Honhosa River	17.23	25	P	06 55 25.0 +0.2
H18K	Honhosa River	17.23	25	Pn	06 55 22.9 -0.5
K20K	Telida	17.35	34	P	06 55 25.2 -1.0
K20K	Telida	17.35	34	IAMB	06 55 42.7
K20K	Telida	17.35	34	Pn	06 55 24.0 -0.9
GCSA	Galena City Sc	17.35	28	P	06 55 24.6 -0.4
SKT	Skwentna	17.57	40	Pn	06 55 27.4 -0.2
SKT	Skwentna	17.57	40	IAMB	06 55 42.6
SKT	Skwentna	17.57	40	P	06 55 27.2 -0.4
F17K	Baldwin Pennin	17.57	20	Pn	06 55 26.9 -0.8
SEW	Seward	17.68	47	Pn	06 55 27.1 -1.9
O22K	Cooper Landing	17.69	46	P	06 55 27.9 -1.3
O22K	Cooper Landing	17.69	46	Pn	06 55 27.9 -1.3
G18K	Tagagawik	17.73	24	Pn	06 55 29.2 -0.5
G18K	Tagagawik	17.73	24	P	06 55 28.8 -0.9
PPLA	Purkeypile	17.78	37	P	06 55 31.2 +0.1
PPLA	Purkeypile	17.78	37	IAMB	06 55 39.2
PPLA	Purkeypile	17.78	37	Pn	06 55 29.2 -1.2
J20K	Novinta River	17.84	32	Pn	06 55 29.9 -1.0
RC01	Rabbit Creek A	17.93	44	Pn	06 55 30.2 -1.9
RC01	Rabbit Creek A	17.93	44	P	06 55 30.8 -1.3
E17K	Hotham Inlet	18.01	18	Pn	06 55 32.1 -0.9
H19K	Roundabout Mou	18.05	27	Pn	06 55 33.1 -0.4
H19K	Roundabout Mou	18.05	27	P	06 55 33.1 -0.4
M22K	Willow	18.05	42	Pn	06 55 33.0 -0.5
M22K	Willow	18.05	42	IAMB	06 55 48.1
M22K	Willow	18.05	42	P	06 55 33.0 -0.5
F18K	Selawik	18.06	21	Pn	06 55 32.7 -0.9
L22K	Petersville	18.14	39	P	06 55 34.4 -0.5
CHUM	Lake Minchumin	18.29	34	P	06 55 36.1 -0.5
D17K	Noatak River	18.32	16	Pn	06 55 36.6 -0.2
G19K	Purcell Mounta	18.33	25	Pn	06 55 36.5 -0.5
G19K	Purcell Mounta	18.33	25	P	06 55 36.9 -0.1
PMR	Palmer	18.40	43	P	06 55 36.5 -1.3
PMR	Palmer	18.40	43	Pn	06 55 37.7 -0.2
H20K	Anotieneega Mo	18.48	28	Pn	06 55 38.6 -0.2
C16K	Lisburne Hills	18.50	12	Pn	06 55 38.9 -0.1
E18K	Tukpahleark C	18.54	19	Pn	06 55 39.2 -0.4
GHO	Glory Hole Cre	18.57	43	P	06 55 37.7 -2.0
GHO	Glory Hole Cre	18.57	43	IAMB	06 55 53.1
P23K	Montague Islan	18.61	49	P	06 55 39.4 -0.7

baz=252	Kantishna Hill	18.62	36	Pn	06 55 40.0 -0.7
KTH	Kantishna Hill	18.62	36	IAMB	06 55 55.0
KNK	Knik Glacier	18.62	44	P	06 55 38.3 -2.0
KNK	Knik Glacier	18.62	44	IAMB	06 55 53.1
KNK	Knik Glacier	18.62	44	P	06 55 39.0 -1.2
F19K	Shalerukik Mo	18.69	23	P	06 55 40.5 -0.4
TRF	Thorofore Moun	18.81	37	P	06 55 41.9 -0.5
TRF	Thorofore Moun	18.81	37	IAMB	06 56 00.8
TRF	Thorofore Moun	18.81	37	P	06 55 41.5 -0.9
SML	Sawmill	18.84	43	P	06 55 40.6 -2.0
SML	Sawmill	18.84	43	IAMB	06 56 05.1
SML	Sawmill	18.84	43	P	06 55 42.1 -0.5
BPAW	Bear Paw Mtn.	18.90	35	Pn	06 55 43.5 -0.4
BPAW	Bear Paw Mtn.	18.90	35	IAMB	06 56 00.8
BPAW	Bear Paw Mtn.	18.90	35	P	06 55 43.0 -0.2
C17K	DeLong Mountai	19.01	14	Pn	06 55 44.4 -0.8
GLI	Glacier Island	19.04	46	P	06 55 43.5 -1.3
M23K	Glacier View	19.10	43	P	06 55 45.2 -0.2
IMAR	Susitna Watana	19.16	28	P	06 55 45.5 -0.5
WAT1	Susitna Watana	19.16	28	P	06 55 46.1 -0.3
I21K	Tanana	19.19	31	P	06 55 46.8 -0.6
H21K	Melozitna Rive	19.23	30	Pn	06 55 47.4 -0.5
SCM	Sheep Creek Mo	19.29	43	P	06 55 46.4 -1.1
SCM	Sheep Creek Mo	19.29	43	P	06 55 47.5 -0.1
E19K	Redstone River	19.32	22	Pn	06 55 48.2 -0.7
RND	Reindeer	19.34	38	P	06 55 47.5 -0.6
F20K	Avarad Lake	19.38	24	Pn	06 55 48.6 -1.0
WAT6	Susitna Watana	19.42	41	P	06 55 48.4 -0.6
MCK	McKinley	19.47	37	P	06 55 49.4 -0.1
MCK	McKinley	19.47	37	IAMB	06 56 04.7
MCK	McKinley	19.47	37	P	06 55 49.5 0.0
C18K	Utukok River	19.49	16	P	06 55 49.3 -0.5
BWN	Browne	19.50	36	P	06 55 49.8 +0.1
BWN	Browne	19.50	36	IAMB	06 56 09.0
MLY	Manley	19.52	33	P	06 55 49.7 -0.4
MLY	Manley	19.52	33	IAMB	06 56 08.4
MLY	Manley	19.52	33	Pn	06 55 50.7 -0.7
EYAK	Cordova Ski Ar	19.57	48	P	06 55 49.2 -1.3
G21K	Allakakt	19.60	27	P	06 55 51.0 +0.1
DIV	Divide	19.73	46	P	06 55 51.9 -0.5
DIV	Divide	19.73	46	IAMB	06 56 05.8
DHY	Denali Highway	19.78	40	P	06 55 52.2 -0.8
DHY	Denali Highway	19.78	40	IAMB	06 56 07.6
DHY	Denali Highway	19.78	40	P	06 55 52.3 -0.8
KLU	Klutina	19.79	45	P	06 55 51.6 -1.4
KLU	Klutina	19.79	45	IAMB	06 56 07.2
KLU	Klutina	19.79	45	P	06 55 52.4 -0.6
H22K	Ishlantina Cre	19.84	30	P	06 55 53.5 +0.1
NEA2	Nena	19.87	35	P	06 55 53.2 -0.5
M24K	Tolsona, Glenn	19.89	43	Pn	06 55 54.7 -1.2
D19K	Kuna River	19.96	19	P	06 55 55.1 +0.3
I23K	Minto, Yukon-K	20.07	33	P	06 55 56.2 +0.3
F21K	Alatna River	20.10	26	P	06 55 56.6 +0.3
C19K	Lookout Ridge	20.18	17	P	06 55 56.9 -0.3
E20K	Nigu River	20.19	21	P	06 55 57.3 -0.1
BMR	Bremner River	20.23	47	P	06 55 57.9 +0.2
H23K	Yukon River	20.39	32	P	06 55 59.3 -0.3
HARP	HARP	20.45	43	P	06 56 00.1 0.0
D20K	Etiwuk River	20.46	20	P	06 56 00.8 +0.6
COLA	College	20.46	35	P	06 55 59.0 -1.1
G22K	Bettles	20.46	28	P	06 56 03.0 +0.1
BERG	Berg Lake	20.50	49	P	06 56 00.5 -0.2
BERG	Berg Lake	20.50	49	IAMB	06 56 16.5
PAX	Paxson	20.53	41	P	06 56 01.0 0.0
PAX	Paxson	20.53	41	IAMB	06 56 06.3
PAX	Paxson	20.53	41	P	06 56 01.4 +0.3
HDA	Harding Lake	20.57	37	P	06 56 01.5 +0.2
F22K	John River	20.66	26	P	06 56 01.8 -0.6
POKR	Poker Plat Res	20.74	35	P	06 56 03.4 +0.2
K24K	Donnelly Dome	20.75	39	P	06 56 03.6 +0.2
K24K	Donnelly Dome	20.75	39	P	06 56 03.8 +0.4
ILAR	Eielson Array	20.77	36	P	06 56 02.3 -1.2
ILAR	Eielson Array	20.77	36	LR	07 05 05.9
G23K	Bananza Creek	20.78	29	P	06 56 04.2 +0.5
E21K	Kiilik River	20.86	23	P	06 56 04.7 +0.1
CRQK	Cirque	20.88	48	P	06 56 05.0 +0.1
A19K	Wainwright	20.89	14	P	06 56 05.6 +0.8
MA2	Magadan	20.92	308	P	06 56 05.3 +0.1
MA2	Magadan	20.92	308	LR	07 03 32.0
H24K	Noodor Dome	20.97	33	P	06 56 05.8 +0.1
MCARA	McCarthy VSA	21.08	47	P	06 56 06.8 -0.1
RIDG	Independent Ri	21.09	40	P	06 56 06.5 -0.7
SEY	Seymchan	21.10	318	P	06 56 07.2 +0.1
C21K	Knifblade Riv	21.22	21	P	06 56 08.4 0.0
J25K	Salcha River	21.27	37	P	06 56 09.2 +0.2
MESA	MESA	21.30	50	P	06 56 09.3 -0.2
M26K	Nabesna, AK	21.39	44	P	06 56 10.5 +0.2
B20K	Meade River	21.41	18	P	06 56 10.4 0.0
L26K	Log Cabin Wild	21.45	42	P	06 56 11.3 +0.4
SCRK	Sand Creek	21.54	39	P	06 56 11.1 -0.9
G24K	Hadweenzik R	21.59	31	P	06 56 11.9 -0.4

baz=235	Ikpiupuk River	21.62	20	P	06 56 12.4 -0.2
B21K	Ikpiupuk River	21.62	20	P	06 56 12.9 +0.0
PRP	Porcupine Dome	21.63	35	P	06 56 12.4 -0.6
E23K	Chandalar	21.76	27	P	06 56 13.3 -1.0
E23K	Chandalar	21.76	27	P	06 56 13.9 -0.3
M27K	Chukchee Creek, AK	21.88	44	P	06 56 15.4 -0.2
F24K	Squaw Lake	21.93	29	P	06 56 16.6 +0.7
F24K	Squaw Lake	21.93	29	IAMB	06 56 33.6
F24K	Squaw Lake	21.93	29	P	06 56 16.1 0.0
G25K	Bearman Lake	22.08	32	P	06 56 17.6 0.0
D23K	Nanushuk River	22.08	24	P	06 56 17.2 -0.4
E24K	Your Creek	22.10	27	P	06 56 17.8 0.0

15d 7h

2020 MAY

Table with columns: IAU3K, Name, RA, Dec, P, Q, RA, Dec, P, Q. Includes stations like Whale Pass, Teslin, Yukon, Peel River, etc.

Table with columns: SADO, Name, RA, Dec, P, Q, RA, Dec, P, Q. Includes stations like Sadowa, Kurchatov, Kurchatov, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, h m s, ISC. Includes stations like Tonga Islands, Niue, Afiamalu, etc.

Table with columns: EIDS, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM, GUMO, WBO, WRA, WRA, ASAR, ASAR, ASAR, FITZ, FITZ, LTZ, LTZ, KRSR, KRSR, KRSR, PETK, CMAR, VVDA, VVDA, VVDA, J16K, J16K, L18K, L18K, L19K, F17K, F17K, G19K, G19K, MKAR, MKAR, MKAR, ILAR, ZALV, ZALV, ZALV, QSPA, QSPA, QSPA, MAW, MAW, MAW, INK, INK, NVAR, NVAR, YKA, YKA, PDAR, PDAR, TORD, TORD.

IDC 15 07:25:06.4, 3.4, 53.48N, 87.53E, h0km, mbtmp2.9/2, ML2.3/2, Error ellipse: s-maj=33.9km s-min=16.3km bz=5/6
ASRS 15 07:25:03.0-0.8, 53.47N-87.47E, 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 H46RU, ZALV, ZALV, KURBB, MKAR, MKAR, NNC, NNC, KK31, KK31, AAK, AAK, AAK, AB31, AB31, AB31.

KRNET 15 07:48:11.2, 0.1, 43.77N, 69.52E, mb3.0
NNC 15 07:48:13.5, 0.6, 43.34N, 69.85E, h0km, mb3.3, mpv2.9, Error ellipse: s-maj=4.4km s-min=2.7km az=178.0, Suspected Mining explosion.
SOME 15 07:48:14.6, 43.27N, 69.95E
ISC 15 07:48:14.9, 1.8, 43.45N, 0.07, 70.06E, 0.07, h0km, n17, s=1504/28, 14C-7D, Central Kazakhstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KK06, KK06, MNAS, MNAS, TRKS, TRKS, ARK, ARK, ARK, MRKS, MRKS, BTLS, BTLS, BTLS, SGDS, SGDS, SGDS, AAK, AAK, AAK, KST, KST, KST.

AFAD 15 07:58:24.4, 35.63N, 31.18E, h12km, 2km, MW3.3
ISK 15 07:58:26.7, 35.71N, 31.37E, h7km, ML2.5/18
ISC 15 07:58:24.1, 1.5, 35.60N, 0.05, 31.16E, 0.02, h17km, 9km, n35, s=138/48, Cyprus region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKUM, AKUM, AKUM, AKUM, GAZI, GAZI, GAZI, GAZI, GAZI, ALAN, ALAN, KEPEZ, KEPEZ, KEPEZ, ANTB, ANTB, ANTB, AKAS, AKAS, AKAS, AKAS, ELL, ELL, KORT, KORT, KORT, KORT, BOZY, BOZY, TEKE, TEKE, HDMB, HDMB, IZZE, IZZE, IZZE, KNIK, KNIK, KNIK, SEYD, SEYD, SEYD, Mathias, Mathias, YORU, YORU, SEDI, SEDI, SEDI, LFK, LFK, BECE, BECE, TEVE, TEVE, YESI, YESI, TISA, TISA, IKL, IKL, KARC, KARC, SABU, SABU, SABU, SABU, KKBE, KKBE, KKBE, BAGO, BAGO, BAGO, KONT, KONT, KONT, YVAC, YVAC, YVAC, YAZI, YAZI, YAZI, YAZI, YAZI, YAZI.

ASRS 15 08:00:53.0, 0.8, 54.66N, 83.62E, h0km, M2.6(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.
IDC 15 08:00:54.2, 1.7, 54.64N, 83.84E, h0km, mbtmp3.0, ML2.3/3, Southwestern Siberia az=6.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H46RU, ZALV, ZALV, ZALV, KURBB, KURBB, KURBB, MKAR, MKAR, MKAR, CMIG, CMIG, CMIG, CARR, CARR, CARR, TGIG, TGIG, TGIG, TUGI, TUGI, TUGI, TGUT, TGUT, TGUT, HUIG, HUIG, HUIG, NEUV, NEUV, NEUV, PCIG, PCIG, PCIG, OXLC, OXLC, OXLC, PMUV, PMUV, PMUV, OXBJ, OXBJ, VHO, VHO, VHO, CWIG, CWIG.

Table with columns: BVAR, Station Name, Azimuth, Phase ID, Time, Res. Includes station BVAR Borovoye Array 8.12 264 Pn Pn 08 02 52.4 -0.9

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JMA, JMA, IRIF, IRIF, JKRS, JKRS, JKRS, JIJ, JIJ, JIJ.

TAP 15 08:10:25.2, 23.76N, 122.63E, h38km, ML3.0, D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like E0S4, E0S4, E0S3, E0S3, E0S3, E0S2, E0S2, YOJ, YOJ, TEVL, TEVL, TEVL, SHUL, SHUL, SHUL, SHUL, TWD, TWD, TWD, NACB, NACB, NACB, EWUT, EWUT, EWUT, EWTM, EWTM, EWTM, TWC, TWC, TWC, WARB, WARB, WARB, ETLH, ETLH, ETLH, ETLH, LXIB, LXIB, LXIB, ECBN, ECBN, ECBN, ECBN, WANG, WANG, WANG, NDS, NDS, NDS, NDS, NDS, EHY, EHY, EHY, CHKH, CHKH, CHKH, CHKH, LATG, LATG, LATG, LATG, YULB, YULB, YULB, TWFI, TWFI, TWFI, WHF, WHF, WHF, WHF, NNSB, NNSB, NNSB, CHKT, CHKT, CHKT, CHKT, NNS, NNS, NNS, NNS, FULB, FULB, FULB, FULB, FUSS, FUSS, FUSS, FUSS, WVDT, WVDT, WVDT, WVDT, WVDT, FUSH, FUSH, FUSH, WUSB, WUSB, WUSB, WUSB, TIPB, TIPB, TIPB, TIPB, NWLT, NWLT, NWLT, NWLT, YHNB, YHNB, YHNB, YHNB, SXII, SXII, SXII, SXII, SMLT, SMLT, SMLT, SMLT, WHP, WHP, WHP, WHP, TYC, TYC, TYC, TYC, NFF, NFF, NFF, NFF, ALS, ALS, ALS, ALS, TWGBT, TWGBT, TWGBT, TWG, TWG, TWG, TWG, LIOB, LIOB, LIOB, LIOB, CHNS, CHNS, CHNS, CHNS, STHS, STHS, STHS, STHS, WTP, WTP, WTP, WTP, CHN1, CHN1, CHN1, CHN1, TWK, TWK, TWK, TWK, MASBT, MASBT, MASBT, MASBT.

CATAC 15 08:18:32.9, 0.3, 17.1N, 3.9W, h1km, M4.2/8, mb4.5/1, mb4.5/1, MLV4.1/8, Mw(MB)3.7/1, Error ellipse: s-maj=5.5km s-min=3.2km az=33.2, confirmed
ISC 15 08:18:28.0, 1.1, 16.53N, 0.03, 94.65W, 0.02, h6km, 10km, n50, s=250/83, Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMIG, CMIG, CMIG, CARR, CARR, CARR, TGIG, TGIG, TGIG, TUGI, TUGI, TUGI, TGUT, TGUT, TGUT, HUIG, HUIG, HUIG, NEUV, NEUV, NEUV, PCIG, PCIG, PCIG, OXLC, OXLC, OXLC, PMUV, PMUV, PMUV, OXBJ, OXBJ, VHO, VHO, VHO, CWIG, CWIG.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like COIG Comitan, PEIG Puerto Escondi, YOH Yosondua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MKAR, KURBB Kurchatov Arra, BVAR Borovoye Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HATOM Hato Mayor del, HATUM, UUPR Utuado, UPR, etc.

IDC 15 08:23:32.4, 13.0, 1.61N, 124.27E, h195km, 138km, mb3.6/7, mbtmp4.1/8, Error ellipse: s-maj=75.4km

ISC 15 08:23:35.9, 0.9, 1.61N, 124.4E, 0.4, h235km, n9, -0.67Z/G, mb3.7/7, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KCP Kidapawan, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

IDC 15 08:45:52.2, 2.6, 1.97N, 96.07E, h0km, mb3.8/5, mbtmp3.8/6, ML4.5/1, MS3.1/1, Error ellipse: s-maj=114.3km, s-min=22.5km, az=57.0

DJA 15 08:45:58.3, 0.5, 2.1N, 3.9E, h23km, 3km, M3.7/19, mb6.9/1, MLV3.7/19, Mw(m7b)6.8/1

ISC 15 08:45:56.1, 1.1, 2.11N, 0.07E, h28km, n26, -0.12Z/G, mb4.0/5, Northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like H0S2 Diego Garcia H, H0S3 Diego Garcia H, H0S1 Diego Garcia H, etc.

ISC 15 09:06:07.9, 36.00N, 33.15E, h15km, ML2.7/22, NIC 15 09:06:08.8, 35.84N, 33.20E, h23km, M11.7/7

AFAD 15 09:06:08.6, 36.07N, 33.12E, h7km, 2km, ML1.8, ISC 15 09:06:07.6, 0.0, 35.94N, 0.02, h15km, 8km, n38, -0.69Z/G, Cyprus region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TEKE Tekeli-Mersin, BOZY Bozayazi-Mersin, YORU Yoruktepe-Mers, etc.

JMA 15 08:37:39.7, 0.1, 41.4N, 0.3, 141.8E, 0.7, h69km, 1km, MV3.4/33, E OFF AOMORI PREF

JMA Felt J1 at E OFF AOMORI PREF, IDC 15 08:37:40.5, 5.3, 41.40N, 141.88E, h84km, 41km, mb3.5/8, mbtmp3.8/11, MS3.0/1, Error ellipse: s-maj=51.9km

ISC 15 08:37:39.9, 0.9, 41.42N, 0.04, 141.79E, 0.06, h70km, 7km, n31, -0.96Z/G, mb3.8/8, 9D, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JAHJ Aomori Higashi, JAHK Aomori Rokkasho, JOT Ohata, etc.

NEIC 15 09:05:57.7, 1.9, 19.13N, 0.06, 67.87W, 0.04, h10km, 2km, ML2.8/35, MD3.4/15 (RSPR), Error ellipse: s-maj=12.3km

RSPR 15 09:06:01.6, 18.95N, 67.99W, h71km, 4km, MD3.4/15, SDD 15 09:06:01.4, 2.0, 18.67N, 68.01W, h31km, 72km, MD3.1, ML3.6, MW3.2, Presumed earthquake Hypocentre not reviewed by the ISC

ISC 15 09:06:00.8, 1.1, 18.97N, 0.10, 67.97W, 0.04, h62km, 18km, n37, -0.15Z/G, 11C-6D, Mona Passage

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PCDR Punta Cana, DR, IDE Isla Desecheo, IDE Isla Desecheo, etc.

ISC 15 09:06:00.8, 1.1, 18.97N, 0.10, 67.97W, 0.04, h62km, 18km, n37, -0.15Z/G, 11C-6D, Mona Passage

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

15d 10h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV 1.9nm,0.3s, etc.

HEL 15 10:00:16.3:0.1, 64.78N:30.70E, h0km, ML1.9, Explosion
IDC 15 10:00:17.6:2.7, 64.64N:31.02E, h0km, mbtmp3.1/3,
ML2.0/3, Error ellipse: s-maj=41.4km s-min=8.9km

KOLA 15 10:00:19.4: 64.75N:30.68E, h0km, ML2.4, Error ellipse:
s-maj=17.1km s-min=8.5km az=160.0, Kostomuksha,
Karelia

ISC 15 10:00:16.2:0.8, 64.73N:0.02:30.70E:0.04, h0km, n42,
c186/62, Finland-Karelia border region

Main table of station data for the 15d 10h period, listing codes, station names, azimuths, phase IDs, times, and residuals for various stations like ROMUVAARA, KU6, MSF, etc.

2020 MAY

Main table of station data for the 2020 MAY period, listing codes, station names, azimuths, phase IDs, times, and residuals for various stations like OMEN AI SSO del Vol, CARN Rivas, etc.

az=354.0

Main table of station data for the az=354.0 period, listing codes, station names, azimuths, phase IDs, times, and residuals for various stations like GREEN LAKE, RAUL ISLAND, etc.

Table with columns: SOHO, SOHO, 3.38 148 P, Pn, 10 43 46.6 -0.3, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, etc. Includes entries like Kuril'sk, Nemuro, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, etc. Includes entries like Warramunga Arr, ASAR, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, etc. Includes entries like BUI, MOS, NOU, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, etc. Includes entries like MSVF, RAOU, NIUE, etc.

Table with columns: TKGZ, MUGZ, MUGZ, RIGZ, RIGZ, RAR, RAR, RAR, etc. Includes entries like Murupara, Rimuhatu, Rarotonga, etc.

Table with columns: WRAB, WRAB, WRAB, WRA, WRA, WRA, etc. Includes entries like Tennant Creek, Warramunga Arr, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like JHJ2 Mitsune, SNJI Sawahan-Nganju, QSPA South Pole Qui, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PETK Petropavlovsk, FALS False Pass, MASJ Maura Aman, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like GSI Gunungsitoli, M16K Timber Creek, O19K Port Aisworth, etc.

Table with columns: Station Name, Elevation, Azimuth, Direction, Date, Time, and other parameters. Includes stations like Knik Glacier, Palmer, Sita, etc.

Table with columns: Station Name, Elevation, Azimuth, Direction, Date, Time, and other parameters. Includes stations like Thorofore Mountain, Mount Upton, Mount Kennedy, etc.

Table with columns: Station Name, Elevation, Azimuth, Direction, Date, Time, and other parameters. Includes stations like Mendenhall, Chiang Mai, Whitehorse, etc.

15d 10h

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like 126K Coal Creek Min, C18K Utukok River, D19K Kuna River, etc.

2020 MAY

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like W19K Urumqi, Z19K Zaisan, MK31 Makanchi Array, etc.

880

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like BR131 Keskin Array S, BR131 Keskin Array S, BRTR Keskin Array B, etc.

Table with columns: MOA, Molin, 151.75 340 ePKP, PKPbc, 11 09 30.8 +0.1, etc. Lists various seismic events with their magnitudes and locations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists suspected mining explosions in Turkey.

SSNC 15 10:57:32.1±2.7, 19.79N;71.14W, h10km±24km, MD3.5, ML2.9, Presumed earthquake. OSPL 15 10:57:32.9±2.0, 19.77N;71.16W, h6km±6km, ML2.9, Presumed earthquake.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations for suspected mining explosions in Dominican Republic.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations for suspected mining explosions in Turkey.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations for suspected mining explosions in Turkey.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations for suspected mining explosions in Turkey.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations for suspected mining explosions in Turkey.

IPGP 15 11:03:26.0, 38.16N; 117.88W, h10km, Mw6.5, Fault plane solution: NP1;phi=74.00000°, delta=79.00000°, lambda=12.00000°.

M6.34400x10^18 NP1;phi=168.00000°, delta74.00000°, lambda-17.00000°. NP2;phi=75.00000°, delta81.00000°, lambda-16.00000°.

Code Station Name Az Az' Phase ID Time Res. Lists stations for suspected mining explosions in Nevada.

Code Station Name Az Az' Phase ID Time Res. Lists stations for suspected mining explosions in Nevada.

Code Station Name Az Az' Phase ID Time Res. Lists stations for suspected mining explosions in Nevada.

Code Station Name Az Az' Phase ID Time Res. Lists stations for suspected mining explosions in Nevada.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like MHC Mount Hamilton, SAO San Andreas Ge, and various other locations.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like ANMO Albuquerque, I56US Newport, and various other locations.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like S34M Telegraph Cree, DLBC Deane Lake, and various other locations.

N32M	comp=Z,446nm,0.9s	IAMs_20	IAMs_20	11 18 04.2	TZTN	comp=Z,308nm,1.1s	IAMs_20	IAMs_20	11 20 29.1
N32M	comp=Z,170um,21.0s				TZTN	comp=Z,109um,22.0s			
N32M	Quiet Lake	24.95	342	P	S	27.24	83	↑P	P
	baz=151,SNR=196					27.28	32	↓P	P
WHY	Whitehorse	24.98	340	P	P				S
	baz=147,SNR=119								S
P29M	Windy Craggy	25.00	336	IAMB	IAMB				S
	comp=Z,486nm,1.4s								S
P29M	Windy Craggy	25.00	336	P	P				S
	baz=141,SNR=46								S
X48A	Hartselle	25.05	89	IAMB	IAMB				S
	comp=Z,754nm,1.9s								S
X48A	Million Dollar	25.14	337	P	P				S
	baz=143								S
P30M	Millroy	25.25	77	IAMB	IAMB				S
	comp=Z,288nm,1.0s								S
P48A	Wrigley	25.37	354	P	P				S
	baz=170,SNR=41								S
O30N	Mendenhall	25.41	339	P	P				S
	baz=145,SNR=154								S
O30N	Summer	25.47	68	IAMBs_20	IAMBs_20				S
	comp=Z,80um,18.0s								S
J47A	Red Boiling Sp	25.50	84	IAMB	IAMB				S
	comp=Z,702nm,1.6s								S
U49A	Lakeview Retre	25.54	92	IAMBs_20	IAMBs_20				S
	comp=Z,101um,19.0s								S
LRAL	Lakeview Retre	25.54	92	IAMB	IAMB				S
	comp=Z,43nm,1.1s								S
LRAL	Shelbyville	25.59	79	IAMB	IAMB				S
	comp=Z,353nm,1.1s								S
R49A	Swanee	25.71	87	IAMB	IAMB				S
	comp=Z,353nm,1.1s								S
SWET	Blount Mountain	25.73	90	IAMB	IAMB				S
	comp=Z,349nm,1.3s								S
Y49A	Mount Kennedy	25.79	336	P	P				S
	baz=140,SNR=22								S
O29M	Haines Junctio	25.86	338	IAMB	IAMB				S
	comp=Z,250nm,1.2s								S
Y49A	Haines Junctio	25.86	338	P	P				S
	baz=143,SNR=53								S
HYT	Sheldon Lake	25.87	346	IAMB	IAMB				S
	comp=Z,689nm,1.7s								S
HYT	Sheldon Lake	25.87	346	P	P				S
	baz=155,SNR=90								S
MMPY	Braeburn, Yuko	25.92	340	IAMB	IAMB				S
	comp=Z,494nm,1.2s								S
MMPY	Braeburn, Yuko	25.92	340	P	P				S
	baz=146,SNR=132								S
N31M	Covington	26.00	75	IAMB	IAMB				S
	comp=Z,343nm,1.0s								S
N31M	Columbus Grove	26.04	73	IAMB	IAMB				S
	comp=Z,414nm,1.0s								S
N49A	Nancy	26.13	82	IAMBs_20	IAMBs_20				S
	comp=Z,102um,19.0s								S
M31M	Drury Creek, Y	26.18	342	IAMB	IAMB				S
	comp=Z,323nm,1.3s								S
M31M	Drury Creek, Y	26.18	342	P	P				S
	baz=149,SNR=149								S
M31M	Pinnacle	26.18	334	P	P				S
	comp=Z,137,SNR=23								S
PINM	Pinnacle	26.19	334	IAMB	IAMB				S
	comp=Z,468nm,1.3s								S
PCA	Brewton	26.20	96	IAMBs_20	IAMBs_20				S
	comp=Z,124um,20.0s								S
BRAL	Signal Mountai	26.20	86	IAMB	IAMB				S
	comp=Z,305nm,1.0s								S
W50A	Outpost Mounta	26.22	337	P	P				S
	comp=Z,94um,21.0s								S
W50A	Outpost Mounta	26.22	337	S	S				S
	baz=141,SNR=100								S
YUK6	Aishikik Lake	26.25	339	IAMB	IAMB				S
	comp=Z,461nm,1.1s								S
N30M	Aishikik Lake	26.25	339	P	P				S
	baz=144,SNR=147								S
N30M	Paris	26.28	79	IAMB	IAMB				S
	comp=Z,301nm,1.2s								S
R50A	Ann Arbor	26.35	70	IAMB	IAMB				S
	comp=Z,438nm,1.1s								S
AAM	Tiapa	26.55	135	P	P				S
	comp=Z,361nm,1.4s								S
TLIG	Talbot Arm	26.55	135	↑P	P				S
	comp=Z,99um,22.0s								S
TLIG	Mount Upton	26.66	335	IAMB	IAMB				S
	comp=Z,503nm,1.2s								S
O28M	Mount Upton	26.66	335	P	P				S
	baz=138,SNR=80								S
O28M	Burwash Landin	26.76	337	P	P				S
	comp=Z,133um,20.0s								S
BRWY	Burwash Landin	26.76	337	P	P				S
	baz=141,SNR=114								S
BRWY	MESA	26.84	333	P	P				S
	comp=Z,314nm,1.0s								S
MESA	Fremont	26.86	72	IAMB	IAMB				S
	comp=Z,82um,19.0s								S
M50A	Steele Glacier	26.91	337	P	P				S
	comp=Z,282um,19.0s								S
M50A	Steele Glacier	26.91	337	S	S				S
	baz=140,SNR=133								S
YUK8	Beattyville	26.97	80	IAMBs_20	IAMBs_20				S
	comp=Z,101um,21.0s								S
SS1A	Alum Creek Sta	27.02	74	IAMB	IAMB				S
	comp=Z,425nm,1.2s								S
ACS0	Casco	27.09	69	IAMB	IAMB				S
	comp=Z,260nm,1.1s								S
K50A	Montague Islan	28.80	329	P	P				S
	comp=Z,126								S
M30M	Tifton	28.81	93	IAMBs_20	IAMBs_20				S
	comp=Z,96um,20.0s								S
M30M	Coxs Mills	28.85	77	IAMB	IAMB				S
	comp=Z,260nm,1.1s								S
GRNC	Divide	28.87	332	IAMBs_20	IAMBs_20				S
	comp=Z,93um,18.0s								S
TZTN	Beaver Creek A	28.89	338	P	P				S
	comp=Z,109um,22.0s								S
BGLC	Tazewell	27.24	83	↑P	P				S
	comp=Z,126nm,22.0s								S
BGLC	Beaver Glacier	27.28	332	↓P	P				S
	comp=Z,132								S
BGLC	Beaver Glacier	27.28	332	S	S				S
	comp=Z,132								S
TKL	Tuckaleechee C	27.29	85	LR	LR				S
	comp=Z,119um,20.3s								S
TKL	Tuckaleechee C	27.29	85	↑P	P				S
	baz=284,slow=38								S
W52A	Murphy	27.32	86	IAMB	IAMB				S
	comp=Z,498nm,1.4s								S
BARN	Sarnad Glacier	27.36	335	IAMBs_20	IAMBs_20				S
	comp=Z,129um,21.0s								S
N51A	Ashland	27.41	73	IAMB	IAMB				S
	comp=Z,299nm,1.1s								S
N51A	Somme Creek	27.44	339	IAMB	IAMB				S
	comp=Z,219um,18.0s								S
M29M	Somme Creek	27.44	339	P	P				S
	comp=Z,348nm,1.0s								S
M29M	Somme Creek	27.44	339	S	S				S
	baz=143,SNR=235								S
451A	Vernon	27.45	96	IAMBs_20	IAMBs_20				S
	comp=Z,146um,22.0s								S
YUK3	Moose Creek	27.51	337	P	P				S
	comp=Z,139,SNR=98								S
YUK3	Moose Creek	27.51	337	S	S				S
	comp=Z,139								S
TGL	Tana Glacier	27.55	333	IAMBs_20	IAMBs_20				S
	comp=Z,102um,19.0s								S
KAIM	Kayak Island	27.58	331	P	P				S
	comp=Z,130								S
KAIM	Kayak Island	27.58	331	S	S				S
	comp=Z,130								S
Y52A	Libburn	27.58	88	IAMB	IAMB				S
	comp=Z,253nm,1.3s								S
BERG	Berg Lake	27.62	332	IAMBs_20	IAMBs_20				S
	comp=Z,110um,20.0s								S
CRQK	Cirque	27.64	333	P	P				S
	comp=Z,134								S
CRQK	Cirque	27.66	333	IAMBs_20	IAMBs_20				S
	comp=Z,118um,18.0s								S
MAYO	Mayo, Yukon	27.73	343	P	P				S
	baz=148,SNR=32								S
MAYO	Mayo, Yukon	27.73	343	S	S				S
	comp=Z,237nm,1.0s								S
Q52A	Bidwell	27.75	77	IAMB	IAMB				

Table with columns: Station Name, Frequency, Class, Mode, Power, and other details. Includes stations like CNPM China Poot, SCRK Sand Creek, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, and other details. Includes stations like J25K Salcha River, J25K Salcha River, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, and other details. Includes stations like F28M, BINY Binghamton, etc.

V61A	Roper	32.88	81	IAMS_20	IAMS_20	11 23 44.4
O17K	Koiganek Bris	32.93	324	P	P	11 10 04.1 +0.4
O17K	baz=113			S	S	11 15 26.5 +5.2
CHUM	Lake Minchumin	32.96	333	P	P	11 10 04.6 +0.6
CHUM	baz=125			S	S	11 15 26.3 +4.7
BMAR	Burnt Mountain	32.97	341	P	P	11 10 02.7 -1.3
J59A	Piesco	32.97	67	IAMS_20	IAMS_20	11 10 02.9 -1.5
L19K	White Mountain	33.03	329	P	P	11 10 03.6 -1.1
L19K	comp=Z,248nm,1.4s			IAMS_20	IAMS_20	11 22 38.5
L19K	White Mountain	33.03	329	P	P	11 10 04.3 -0.3
L19K	baz=120			S	S	11 15 28.1 +5.2
F26K	Sheenjek River	33.06	342	P	P	11 10 04.7 -0.2
F26K	Sheenjek River	33.06	342	P	P	11 10 05.0 +0.1
F26K	baz=140			S	S	11 15 28.8 +5.5
P16K	Nushagak River	33.07	322	IAMS_20	IAMS_20	11 21 47.1
P16K	Nushagak River	33.07	322	P	P	11 10 05.1 +0.1
P16K	baz=111			S	S	11 15 28.8 +5.3
S61A	Accomac	33.09	77	IAMS_20	IAMS_20	11 23 08.7
MLY	Manley	33.10	335	IAMB	IAMB	11 10 15.2
MLY	Manley	33.10	335	P	P	11 10 05.6 +0.3
MLY	baz=128,SNR=50			S	S	11 15 28.7 +4.8
M18K	Stony River	33.10	327	P	P	11 10 06.2 +0.9
M18K	baz=117,SNR=72			S	S	11 15 28.4 +4.4
R61A	Willards	33.19	76	IAMS_20	IAMS_20	11 23 35.5
G24K	Hadweencz Riv	33.20	339	IAMB	IAMB	11 10 16.5
G24K	Hadweencz Riv	33.20	339	P	P	11 10 07.1 +1.0
G24K	Hadweencz Riv	33.20	339	S	S	11 15 31.2 +5.7
H23K	Yukon River	33.22	337	IAMS_20	IAMS_20	11 23 31.6
H23K	Yukon River	33.22	337	P	P	11 10 06.5 +0.2
H23K	baz=131			S	S	11 15 32.5 +6.7
D28M	Stokes Point	33.25	347	P	P	11 10 07.1 +0.7
D28M	baz=149			S	S	11 15 29.3 +3.3
O60A	Indiantown	33.27	98	IAMS_20	IAMS_20	11 23 30.1
SDPT	Sand Point	33.27	315	P	P	11 10 06.7 -0.1
SDPT	baz=103			S	S	11 15 31.3 +4.6
N17K	Nushagak Hills	33.28	325	IAMS_20	IAMS_20	11 22 22.6
N17K	Nushagak Hills	33.28	325	P	P	11 10 07.7 +0.8
N17K	baz=114,SNR=50			S	S	11 15 31.4 +4.6
K20K	Telida	33.32	331	IAMS_20	IAMS_20	11 22 46.2
K20K	Telida	33.32	331	P	P	11 10 07.2 0.0
K20K	baz=122			S	S	11 15 30.6 +3.3
E21K	Hammonton	33.32	74	IAMS_20	IAMS_20	11 23 48.9
O16K	Kokwok River B	33.33	323	IAMS_20	IAMS_20	11 22 04.9
O16K	Kokwok River B	33.33	323	P	P	11 10 08.1 +0.9
O16K	baz=112,SNR=27			S	S	11 15 33.7 +6.2
F25K	Christian River	33.36	341	IAMB	IAMB	11 10 18.3
F25K	Christian River	33.36	341	P	P	11 10 09.1 +1.6
F25K	baz=138,SNR=243			S	S	11 15 32.9 +5.0
APG	El Apazote	33.40	126	LR	LR	11 24 36.1
MNTQ	Montreal, Queb	33.45	63	P	IAMB	11 10 07.2 -1.2
MNTQ	comp=Z,81um,19.1s,ba=262,slo=38			IAMB	IAMB	11 10 09.2
FRNY	Flat Rock	33.51	64	IAMB	IAMB	11 10 17.4
D27M	Malcolm River	33.60	345	P	P	11 10 10.5 +0.9
D27M	baz=146			S	S	11 15 35.4 +3.7
I21K	Tanana	33.61	335	P	P	11 10 10.3 +0.7
I21K	baz=127			S	S	11 15 36.5 +4.9
TRY	Troy	33.67	68	P	P	11 10 09.3 -1.1
TRY	comp=Z,62um,18.0s			IAMS_20	IAMS_20	11 24 45.9
E25K	Arctic Village	33.74	342	P	P	11 10 12.1 +1.3
E25K	baz=139			S	S	11 15 38.4 +4.7
CPNY	Central Park	33.74	71	IAMB	IAMB	11 10 21.0
PAL	Palisades	33.74	71	IAMS_20	IAMS_20	11 24 33.1
M17K	Holitna River	33.76	327	P	P	11 10 10.3 -0.7
M17K	Holitna River	33.76	327	P	P	11 10 12.4
M17K	comp=Z,220nm,0.9s			IAMS_20	IAMS_20	11 23 40.3
M17K	baz=115,SNR=97			S	S	11 15 39.0 +4.8
J20K	Nowitza River	33.79	332	P	P	11 10 10.4 -0.9
J20K	comp=Z,235nm,1.2s			IAMB	IAMB	11 10 35.6
J20K	Nowitza River	33.79	332	P	P	11 10 11.5 +0.3
J20K	baz=123			S	S	11 15 37.8 +3.2
L18K	Granite Mounta	33.80	328	IAMB	IAMB	11 10 25.4
L18K	comp=Z,188nm,1.1s			IAMS_20	IAMS_20	11 24 49.6
L18K	Granite Mounta	33.80	328	P	P	11 10 11.5 +0.2
L18K	baz=117			S	S	11 15 40.9 +6.1
H22K	Ishlitalna Cre	33.85	336	P	P	11 10 12.6 +0.9
H22K	baz=129			S	S	11 15 39.4 +3.9
F24K	Squaw Lake	33.90	340	P	P	11 10 12.8 +0.7
F24K	baz=135,SNR=26			S	S	11 15 42.1 +5.9
G23K	Bananza Creek	33.95	338	P	P	11 10 13.7 +1.0
G23K	baz=131			S	S	11 15 43.0 +5.8
N16K	Nishlik Lake	33.98	325	P	P	11 10 14.3 +1.3
N16K	baz=112,SNR=46			S	S	11 15 42.8 +5.1
O15K	Ungalikthiuk R	34.01	322	IAMS_20	IAMS_20	11 22 25.9
O15K	Ungalikthiuk R	34.01	322	P	P	11 10 14.0 +0.8
O15K	baz=110			S	S	11 15 42.3 +4.2
N62A	Caumsett State	34.09	71	IAMS_20	IAMS_20	11 24 36.1

WSPT	Westport, CT	34.15	71	P	P	11 10 12.6 -2.0
A36M	Sachs Harbour	34.15	356	P	P	11 10 14.9 +0.6
A36M	baz=170,SNR=15			S	S	11 15 42.1 +2.1
H21K	Melozitna River	34.17	335	IAMS_20	IAMS_20	11 25 20.5
H21K	Melozitna River	34.17	335	P	P	11 10 14.8 +0.3
H21K	baz=126			S	S	11 15 44.4 +4.0
J19K	Poorman	34.25	331	IAMS_20	IAMS_20	11 23 33.6
J19K	Poorman	34.25	331	P	P	11 10 15.7 +0.5
J19K	baz=121			S	S	11 15 45.8 +4.2
I20K	Naaghedeneel	34.25	333	IAMS_20	IAMS_20	11 24 58.1
I20K	Naaghedeneel	34.25	333	P	P	11 10 16.5 +1.3
M16K	Timber Creek	34.28	325	IAMB	IAMB	11 10 30.8
M16K	comp=Z,358nm,1.3s			IAMS_20	IAMS_20	11 23 07.4
M16K	Timber Creek	34.28	325	P	P	11 10 16.3 +0.8
M16K	baz=113			S	S	11 15 48.4 +6.2
J61A	Chester	34.40	67	IAMB	IAMB	11 10 25.6
L61B	Northampton	34.43	68	IAMS_20	IAMS_20	11 23 04.0
L17K	Donlin	34.44	327	P	P	11 10 16.7 -0.2
L17K	baz=115			S	S	11 15 49.4 +4.7
E24K	Your Creek	34.45	340	IAMB	IAMB	11 10 29.5
E24K	Your Creek	34.45	340	P	P	11 10 18.7 +1.7
E24K	comp=Z,88um,22.0s			IAMS_20	IAMS_20	11 23 08.0
E24K	baz=135			S	S	11 15 51.9 +7.0
C27K	Jago River	34.48	344	P	P	11 10 18.5 +1.4
C27K	baz=143,SNR=105			S	S	11 15 49.4 +4.3
N15K	Kwetluk River	34.48	324	IAMB	IAMB	11 11 02.8
N15K	comp=Z,148nm,1.1s			IAMS_20	IAMS_20	11 22 52.9
N15K	Kwetluk River	34.48	324	P	P	11 10 17.5 +0.2
N15K	baz=110,SNR=20			S	S	11 15 49.3 +4.0
G22K	Bettles	34.54	337	P	P	11 10 18.4 +0.7
G22K	baz=130			S	S	11 15 51.0 +5.0
IMAR	Indian Mountai	34.68	335	P	P	11 10 18.5 -0.4
K17K	Iditarod	34.70	328	IAMS_20	IAMS_20	11 23 41.7
K17K	Iditarod	34.70	328	P	P	11 10 19.1 0.0
K17K	comp=Z,61um,18.0s			S	S	11 15 52.0 +3.4
K62A	Royalston	34.72	68	IAMB	IAMB	11 10 29.9
K62A	comp=Z,384nm,1.5s			IAMS_20	IAMS_20	11 25 08.8
O14K	Tigvik River M	34.74	322	IAMS_20	IAMS_20	11 22 48.8
O14K	Tigvik River M	34.74	322	P	P	11 10 20.1 +0.6
O14K	comp=Z,82um,20.0s			S	S	11 15 54.6 +5.4
E23K	Chandalar	34.75	340	IAMS_20	IAMS_20	11 23 19.2
E23K	Chandalar	34.75	340	P	P	11 10 21.2 +1.6
E23K	comp=Z,97um,21.0s			S	S	11 15 56.3 +6.8
LBNH	Lisbon	34.75	65	P	P	11 10 19.4 -0.4
L16K	Owhat River	34.78	326	IAMB	IAMB	11 10 33.8
L16K	comp=Z,268nm,1.1s			IAMS_20	IAMS_20	11 23 30.7
L16K	Owhat River	34.78	326	P	P	11 10 20.3 +0.5
L16K	baz=113,SNR=112			S	S	11 15 54.6 +4.8
H20K	Anotleneega Mo	34.78	334	P	P	11 10 20.9 +1.1
H20K	baz=124,SNR=87			S	S	11 15 53.5 +3.6
FALS	False Pass	34.83	314	IAMB	IAMB	11 10 36.2
FALS	comp=Z,242nm,1.0s			IAMS_20	IAMS_20	11 22 10.7
FALS	False Pass	34.83	314	P	P	11 10 20.9 +0.6
FALS	False Pass	34.83	314	P	P	11 10 21.0 +0.7
FALS	baz=100			S	S	11 15 52.7 +2.0
D25K	Kavik River	34.84	343	IAMB	IAMB	11 10 31.2
D25K	comp=Z,139nm,1.0s			P	P	11 10 21.4 +1.1
D25K	Kavik River	34.84	343	P	P	11 15 54.8 +4.0
D25K	baz=139			S	S	11 15 54.8 +4.0
G21K	Allakaket	34.91	336	IAMB	IAMB	11 10 20.8 -0.1
G21K	comp=Z,424nm,1.4s			IAMS_20	IAMS_20	11 23 32.5
G21K	Allakaket	34.91	336	P	P	11 10 21.6 +0.7
G21K	baz=127,SNR=69			S	S	11 15 56.2 +4.3
M15K	Kasigluk River	34.94	324	P	P	11 10 21.6 +0.4
M15K	baz=111,SNR=29			S	S	11 15 57.5 +5.1
C26K	Camden Bay	34.97	344	P	P	11 10 22.5 +1.2
C26K	baz=141			S	S	11 15 55.9 +3.3
LDQA	Lac Daran	34.99	58	IAMB	IAMB	11 10 31.6
M63A	Gales Ferry	35.06	70	P	P	11 10 21.4 -1.1
M63A	comp=Z,483nm,1.8s			IAMS_20	IAMS_20	11 25 04.8
M63A	comp=Z,57um,19.0s			IAMS_20	IAMS_20	11 20 22.9 +0.4
GCSA	Galena City Sc	35.10	332	P	P	11 10 22.9 +0.4
GCSA	baz=120,SNR=149			S	S	11 15 58.1 +3.4
F22K	Joh River	35.11	338	P	P	11 10 23.6 +0.9
F22K	baz=129			S	S	11 15 58.0 +3.0
TOLK	Toolik Lake Re	35.14	340	P	P	11 10 23.9 +1.0
TOLK	comp=Z,194,SNR=36			S	S	11 16 01.9 +6.5
N14K	Kuskokwak Cree	35.15	323	IAMB	IAMB	11 10 48.5
N14K	comp=Z,222nm,0.9s			IAMS_20	IAMS_20	11 23 12.7
N14K	Kuskokwak Cree	35.15	323	P	P	11 10 23.6 +0.6
N14K	comp=Z,64um,20.0s			S	S	11 16 00.4 +4.9
I62A	Tamworth	35.21	66	IAMB	IAMB	11 10 25.5
HRV	Adam Dzewonsk	35.24	68	IAMS_20	IAMS_20	11 25 32.5
HRV	Adam Dzewonsk	35.24	68	P	P	11 10 25.9 +1.9
HRV	Adam Dzewonsk	35.24	68	P	P	11 10 23.7 -0.4
H62A	Milan	35.26	64	IAMB	IAMB	11 10 23.0 -1.3
H62A	comp=Z,203nm,1.1s			IAMB	IAMB	11 10 25.6
D24K	Happy Valley	35.31	341	IAMB	IAMB	11 10 38.1
D24K	Happy Valley	35.31	341	P	P	11 10 25.0 +0.7

D24K	baz=135			S	S	11 16 01.9 +4.0
J17K	VABM Dome	35.31	329	IAMS_20	IAMS_20	11 24 18.6
J17K	VABM Dome	35.31	329	P	P	11 10 25.2 +0.8
J17K	baz=116			S	S	11 16 03.0 +4.9
F21K	Alatna River	35.33	337	P	P	11 10 25.7 +1.1
F21K	baz=127,SNR=46			S	S	11 16 05.5 +7.1
H19K	Pocahontas Mou	35.35	333			

Table with columns for country code (e.g., PLN, BFO, STU), station name, frequency, and signal strength. Includes stations like Black Forest, Stuttgart, Tannenbergshta, San Pablo, etc.

Table with columns for country code (e.g., DAVA, ZVC, KIRV, KIRV, KHC), station name, frequency, and signal strength. Includes stations like Zivkov, Kirov, Kasperske Hory, Dobruska-Polom, etc.

Table with columns for country code (e.g., MORC, MORC, MORC, MORC), station name, frequency, and signal strength. Includes stations like Moravsky Berou, Vranov, Vranov, Vranov, etc.

ZSN	comp=Z,50nm,1.0s	eS	SKS	11 27 13.4	-0.3
NJ2	Nanjing	92.46 315	eP	11 16 39.8	-1.0
NJ2			sP	11 27 48.1	+1.4
NJ2			S	11 16 41.8	-2.9
NJ2			SS	11 34 00.0	+5.4
NJ2	comp=Z,28nm,0.5s		pmax		
NJ2	comp=Z,4um,5.4s		pmax		
NJ2	comp=Z,19um,20.4s		LR		
NJ2	comp=Z,26um,18.5s		LR		
SRVZ	Keravat (AS076)	92.60 26	P	11 16 48.5	+7.3
SRVZ		92.72 267	LR	11 53 14.7	
OUENC	Ouen Island, N	92.74 244	P	11 16 48.6	+6.6
DZM	Munt Dumac	92.80 244	P	11 51 33.3	
PLD	comp=Z,14um,20.0s,baz=55,slow=3		LR		
KKB	Krupnik	92.84 28	P	11 16 50.5	+8.1
VAE	Valguarnera	92.85 36	LR	11 58 32.3	
CEL	Celeste	92.89 35	IAMS_20	IAMS_20	11 58 56.9
NOUC	Port Laguerre	92.92 244	P	11 16 49.5	+6.6
ONTNC	Ouen Toro	92.94 244	IAMS_20	IAMS_20	11 51 06.8
ONTNC					
ONTNC	Ouen Toro	92.94 244	P	11 16 51.3	+8.3
KBN	Korca	92.98 30	P	11 16 51.3	+8.1
AB31	Akbulak array	92.99 1	iP	11 16 42.4	-0.5
ABKAR	Akbulak array	92.99 1	P	11 16 41.6	-1.3
VAY	Valandovo	93.08 29	iP	11 16 43.5	+0.1
PLD	Plovidiv	93.16 27	P	11 16 51.7	+7.8
MMB	Musomishita	93.32 28	P	11 16 52.4	+7.8
GRG	Griva	93.33 29	P	11 16 52.4	+7.7
KNT	Kendrikon	93.34 29	P	11 16 52.3	+7.6
KEK	Kerkira	93.36 31	P	11 16 51.7	+6.9
KOUNC	Kouamak, New Ca	93.38 247	P	11 16 52.3	+7.3
JMB	Yambol	93.48 26	P	11 16 53.2	+8.0
NVR	Neurokopi	93.53 28	P	11 16 53.2	+7.6
SIM	Simferopol'	93.54 20	eP	11 16 35.8	-1.0
SIM			ePPP	11 22 33.0	
SIM			e	11 27 13.0	
RZN	Rozhen	93.55 27	P	11 16 53.6	+7.7
IKAR	Makanchi Array	93.56 346	P	11 16 44.1	-1.5
MKAR	comp=Z,13nm,0.9s,baz=53,slow=4.7,SNR=50		PKKPbc		
MKAR	comp=Z,1.2nm,0.9s,baz=251,slow=3.7,SNR=4.9		LR		
MKAR	comp=Z,19um,20.2s,baz=8.0,slow=36		LR	12 03 27.6	
MKAR	Makanchi Array	93.56 346	P	11 16 43.1	-2.5
MKAR	Makanchi Array	93.56 346	iP	11 16 42.9	-2.7
MAKZ	Makanchi	93.61 346	P	11 16 44.9	-0.9
MAKZ	Makanchi	93.61 346	P	11 16 44.9	-0.9
MAKZ	comp=Z,149nm,1.2s		pmax		
MAKZ	comp=Z,25um,21.0s		MLR		
SRS	Serrai	93.64 28	P	11 16 53.4	+7.3
KZN	Kozani	93.64 30	P	11 16 53.1	+6.9
KPRO	Kipourio	93.78 30	P	11 16 54.3	+7.5
SOH	Sokhos	93.81 28	P	11 16 54.2	+7.3
THE	Thessaloniki	93.82 29	P	11 16 54.3	+7.4
HORT	Horiatiss	93.89 29	P	11 16 54.7	+7.3
LYN	LuoYang	93.93 320	iP	11 16 53.0	+5.5
LYN			PP	11 20 38.4	+5.9
LYN			SS	11 29 06.6	+1.7
LYN	comp=Z,55nm,0.8s		pmax		
LYN	comp=Z,2um,6.0s		pmax		
LYN	comp=Z,22um,24.7s		LR		
LYN	comp=Z,36um,25.4s		LR		
LYN	comp=Z,39um,21.3s		LR		
PRMD	Pramanda	94.04 31	P	11 16 56.2	+8.2
KAVA	Kavala	94.08 28	P	11 16 55.5	+7.5
LIT	Litokhoron	94.10 29	IAMB	IAMB	11 16 57.0
LIT	comp=Z,65nm,1.4s				
LIT	Litokhoron	94.10 29	P	11 16 55.3	+7.1
PLD	Polygyros	94.23 29	P	11 16 55.9	+7.1
WGG	Wied Dalam	94.23 37	IAMS_20	IAMS_20	11 59 54.6
TETR	Tetrakomo, Epi	94.27 31	P	11 16 56.8	+7.7
ERBR	Yeremizin-Bor	94.31 15	eP	11 16 49.3	+0.3
ERBR			ePS	11 29 13.3	-2.5
ERBR			pmax		
RDO	Rodhopi	94.32 27	P	11 16 56.8	+7.6
TYRN	Tyrnavos	94.33 30	P	11 16 55.6	+6.3
THL	Thloktos Trika	94.38 30	P	11 16 56.2	+6.8
OUR	Ouranopolis	94.46 28	P	11 16 56.8	+7.0
LKD2	Lefkada island	94.49 31	P	11 16 57.4	+7.3
ANN	Anapa	94.50 17	e	11 16 48.7	-1.2
ANN			e	11 27 25.4	
ANN			ePS	11 29 17.5	-0.4
ANN			pmax		
ANN	comp=Z,115nm,1.4s		MLR		
ANN	comp=Z,19um,15.0s		MLR		
ANN	comp=Z,8um,15.0s		MLR		
ANN	comp=N,18um,18.0s		MLR		
PAIG	Paliouri	94.70 29	P	11 16 57.9	+7.0
ALN	Alexandroupoli	94.72 27	IAMB	IAMB	11 16 52.6
ALN	comp=Z,55nm,1.2s				
FSK	Fiskardo	94.73 32	P	11 16 58.3	+7.2
SMTH	Samothraki Isl	94.91 27	P	11 16 59.2	+7.2
CAVK	Edirne/Enez-Ca	94.95 27	iP	11 16 53.2	+1.2
VLS	Valsamata	94.98 32	P	11 16 59.3	+7.0
PLEV	Plevna-Mesol	95.12 31	P	11 17 00.5	+7.6
GO8B	Vilia O Higgins	95.14 152	IAMS_20	IAMS_20	11 52 35.6
ANX	Ano Chora	95.17 31	P	11 17 00.9	+7.6
WMQ	Urumqi	95.22 342	eP	11 16 54.1	+0.8
WMQ			sP	11 17 00.4	+1.2
WMQ			S	11 28 12.8	+4.1
WMQ	comp=Z,25nm,1.5s		pmax		
WMQ	comp=Z,18um,23.9s		LR		
WMQ	comp=Z,22um,24.1s		LR		
WMQ	comp=Z,23um,24.2s		LR		
LIA	Limnos Island	95.29 28	P	11 17 00.9	+7.3
AXS	Araxos	95.29 31	P	11 17 01.1	+7.5
GADA	Gevgkeada	95.29 27	P	11 17 00.7	+7.1
EFP	Eftalio	95.31 31	P	11 17 01.7	+8.0
LABN	Labinsk	95.38 15	eP	11 16 54.1	+0.1
LABN			e	11 20 43.1	
LABN			ePS	11 29 32.9	+5.3
LABN	comp=Z,55nm,0.7s		pmax		
GTA2	Gaotai	95.41 332	P	11 16 55.6	+1.2
GTA2			sP	11 17 03.5	+3.2
GTA2			S	11 28 13.8	+3.2
GTA2	comp=Z,10.0nm,1.0s		pmax		
GTA2	comp=Z,1um,6.3s		LR		
GTA2	comp=Z,14um,20.3s		LR		
GTA2	comp=Z,23um,21.0s		LR		
GTA2	comp=Z,22um,20.3s		LR		
GOF	Gofitskoye	95.43 130	eP	11 16 49.2	-5.0
AOS	Alonissos	95.44 29	P	11 17 01.4	+7.1
ATAL	Atalanti	95.52 30	P	11 17 00.9	+6.1
LKR	Lokris	95.55 30	P	11 17 01.0	+6.2
KLV	Kalavryta, Ach	95.74 31	P	11 17 03.3	+7.5
GUR	Goura	95.91 31	P	11 17 03.8	+7.2
BAND	Balkesir-Ban	95.91 25	iP	11 16 57.3	+0.8

TDK	Taldyqorghan	95.97 348	eP	P	11 16 56.6	0.0
TDK			pmax			
TDK	comp=Z,55nm,0.9s					
TDK	Taldyqorghan	95.97 348	eP	P	11 16 56.7	0.0
TDK	comp=Z,55nm,0.9s		LR	LR	12 01 20.5	
KYMI	Kymi, Euboea I	95.99 29	P	P	11 17 03.7	+6.9
AMT	Artemida-Makis	96.00 31	P	P	11 17 04.1	+7.2
XAN	Xian	96.09 323	iP	PP	11 20 58.1	+8.8
XAN			S	S	11 28 23.0	+6.5
XAN			SS	SS	11 34 52.3	+6.2
XAN	comp=Z,44nm,1.0s		pmax	pmax		
XAN	comp=Z,1um,8.7s		LR	LR		
XAN	comp=Z,15um,23.4s		LR	LR		
XAN	comp=Z,39um,24.7s		LR	LR		
XAN	comp=Z,26um,22.7s		LR	LR		
WHN	Wuhan	96.09 317	iP	P	11 17 05.3	+7.8
WHN			PP	PP	11 20 55.9	+6.0
WHN	Wuhan	96.09 317	S	P	11 28 22.5	+1.0
WHN			pmax	pmax		
WHN	comp=Z,440nm,2.1s		LR	LR		
WHN	comp=N,24um,16.0s		LR	LR		
WHN	comp=E,36um,17.9s		LR	LR		
WHN	comp=Z,45um,18.4s		LR	LR		
TATO	Taipei	96.13 308	IAMS_20	IAMS_20	12 07 00.6	
SOC	Sochi	96.18 16	eP	P	11 16 55.9	-0.7
SOC			e	e	11 20 49.5	
SOC			ePPP	PP	11 22 50.8	
SOC			eS	SKS	11 27 33.2	-0.9
SOC			pmax	pmax		
SOC	comp=Z,95nm,0.9s		MLR	MLR		
SOC	comp=Z,19um,18.0s					
VSLR	Vesyoloye	96.36 16	iP	P	11 16 57.3	-1.2
VSLR	comp=Z,187nm,1.2s		MLR	MLR		
VSLR	comp=Z,15um,19.0s		MLR	MLR		
ITM	Ithomi	96.39 31	IAMB	IAMB	11 17 07.4	
ITM	comp=Z,59nm,1.2s					
ITM	Ithomi	96.39 31	P	P	11 17 05.9	+7.2
DION	Dionisos Attik	96.41 29	P	IAMS_20	11 17 05.5	+6.7
YHNB	Yeheng	96.43 308	IAMS_20	IAMS_20	12 07 12.4	
YHNB	Yeheng	96.43 308	P	P	11 17 04.2	+5.0
KIV	Kislovodsk	96.43 14	iP	P	11 16 59.2	+0.3
KIV	Kislovodsk	96.43 14	IAMB	IAMB	11 16 57.8	-1.1
KIV	comp=Z,77nm,1.1s		IAMS_20	IAMS_20	12 04 22.4	
KIV	Kislovodsk	96.43 14	eP	P	11 16 58.9	0.0
KIV			pmax			
KIV	comp=Z,80nm,1.2s					
KIV	Kislovodsk	96.43 14	P	P	11 16 58.6	-0.3
KVAR	Kislovodsk Arr	96.43 14	LR	LR	12 02 43.4	
KVAR	comp=Z,9um,19.3s,baz=278,slow=37					
Baital	Baital	96.53 352	eP	P	11 16 58.9	-0.3
BTL	Baital	96.53 352	eS	SKS	11 27 35.4	-0.5
BTL			eS	SKS	11 16 59.0	-0.3
BTL			eS	SKS	11 27 35.5	-0.5
BTL			eS	SKS	11 17 05.9	+6.5
PYL	Pylos	96.55 30	P	P	11 17 06.4	+7.0
SHA1	Shidzhatmaz	96.64 14	eP	P	11 17 00.3	+0.3
KARY	Karystos	96.64 29	P	P	11 17 06.6	+6.7
NACB	Ninganchiao	96.65 308	IAMS_20	IAMS_20	12 06 40.4	
NACB	comp=Z,10um,21.0s					
NACB	Ninganchiao	96.65 308	P	P	11 17 07.3	+7.2
KBZ	Khabaz	96.69 14	P	P	11 17 00.0	+0.1
KBZ	comp=Z,34nm,0.9s,baz=332,slow=4.8,SNR=65					
KBZ	comp=Z,2.8nm,1.1s,baz=311,slow=2.6,SNR=4.3		PKKPbc	PKKPbc	11 33 45.1	+2.9
KBZ	comp=Z,0.6nm,0.5s,baz=81,slow=3.1,SNR=4.5		PKPPK	PKPPK	11 41 56.5	-6.0
KBZ	comp=Z,15um,19.0s,baz=350,slow=38					
KBZ	Khabaz	96.69 14	eP	P	11 16 59.1	-0.8
KBZ			pmax			
KBZ	comp=Z,67nm,1.0s		MLR	MLR		
LZH	Lanzhou	96.69 327	P	P	11 17 08.1	+7.8
LZH			sP	sP	11 17 14.4	+8.2
LZH			PP	PP	11 21 02.9	+8.9
LZH	Lanzhou	96.69 327	SS	SS	11 28 29.8	+7.9
LZH			pmax	pmax	11 34 55.8	+1.1
LZH	comp=Z,31nm,1.0s		pmax	pmax		
LZH	comp=Z,840nm,4.3s		LR	LR		
LZH	comp=N,35um,19.1s		LR	LR		
LZH	comp=E,21um,18.7s		LR	LR		
LZH	comp=Z,62um,20.3s		LR	LR		
URZ	Urewera	96.71 226	LR	LR	11 52 15.8	
LZDM	Lanzhou Array	96.87 327	LR	LR	12 03 12.8	
LZDM	comp=Z,4um,21.9s,baz=38,slow=30					
LZDM	comp=Z,4um,21.2s,baz=30,slow=37					
CHOS	Chios island	96.94 28	P	P	11 17 07.9	+6.6
NCK	Nalchik	97.05 13	iP	P	11 17 01.7	0.0
NCK			pmax	pmax		
NCK	comp=Z,21nm,0.7s		MLR	MLR		
VLI	Veliah	97.19 31	P	P	11 17 08.2	+5.8
CTZ	Chatham Island	97.29 219				

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MCBM Casa Benchmark, LCH Last Change Ra, GMIN Gold Mountain, etc.

IDC 15 11:18:12.5:0.0, 38.20N:117.94W, h0km, mb4.0/8, mbmp4.0/16, ML3.9/7, Error ellipse: s-maj=7.5km s-min=5.0km az=33.0

NEIC 15 11:18:12.6:0.9, 38.159N:0.009:117.96W:0.01, h5km, 1km, mb4.8/3, ML4.7/74, ML4.9/6(REN), Error ellipse: s-maj=2.8km s-min=1.9km az=56.0

REN 15 11:18:12.4:1.0, 38.16N:0.01:117.96W:0.02, h4km, 3km, Error ellipse: s-maj=1.5km s-min=1.5km az=69.0

ISC 15 11:18:12.6:1.0, 38.17N:0.02:117.94W:0.03, h8km, 7km, n79, r106/84, mb4.2/13, Nevada

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

Table with columns: GSC, Goldstone, Bar, 2.98 162, Ph, IAML, Pn, 11 19 00.1 -0.3, etc. Includes stations like GSC Goldstone, PKD Bear Valley Ra, etc.

TX31 Lajitas Arr Si 14.76 122 Ph Pn 11 21 42.4 +0.5

TXAR Lajitas Array 14.76 122 Ph Pn 11 21 45.8 -2.2

TXAR Lajitas Array 14.76 122 Ph Pn 11 21 43.0 +1.0

ULM Lac du Bonnet 19.83 45 P P 11 22 44.1 +0.4

DLBC Dease Lake 21.77 343 P P 11 23 06.4 +1.6

YKA Yellowknife Arr 24.46 4 P P 11 23 33.1 +1.3

YKAWs Yellowknife Wh 24.53 4 P P 11 23 30.4 -2.1

FCC Fort Churchill 25.74 29 P P 11 23 40.3 -0.3

E46A Sault Ste Mari 26.06 61 P P 11 23 46.3 -0.2

IL31 Eielson Array 31.63 337 P P 11 24 34.8 -1.0

Table with columns: DZM, Mont Dzumac, 17.18 294, P, Pn, 11 23 21.7 -0.1, etc. Includes stations like DZM Mont Dzumac, CTA Charters Tower, etc.

IDC 15 11:25:40.2:1.9, 38.06N:117.88W, h0km, mbmp3.2/3, ML3.0/3, Error ellipse: s-maj=16.0km s-min=7.9km az=19.0

NEIC 15 11:25:42.5:1.9, 38.17N:0.01:117.97W:0.02, h5km, 1km, ML3.6/8, Error ellipse: s-maj=3.0km s-min=2.8km az=125.0

ISC 15 11:25:41.8:0.9, 38.14N:0.03:117.94W:0.03, h4km, n37, r065/37, Nevada

NV11 Mina Array Sit 0.33 430 Op ISC 11 25 49.2 +0.8

NV11 comp=N, 56um, 0.6s IAML 11 25 54.6

NV11 comp=E, 81um, 0.9s IAML 11 25 54.6

NVAR Mina Array Bea 0.41 315 Pg Pg 11 25 50.4 +0.6

NVAR comp=E, 356nm, 0.3s, baz=145, slow=18, SNR=18 Lg 11 25 55.5

NVAR comp=E, 1um, 0.3s, baz=144, slow=30, SNR=17 Lg 11 25 49.8 +0.1

IDC 15 11:19:19.2:0.7, 30.11S:176.54W, h0km, mb4.3/8, mbmp4.2/10, ML3.7/2, Error ellipse: s-maj=23.4km s-min=16.3km az=60.0

NEIC 15 11:19:21.5:0.5, 30.2S:0.2:176.6W:0.2, h10km, 2km, mb4.6/12, Error ellipse: s-maj=31.4km s-min=16.4km az=37.0

ISC 15 11:19:23.2:0.7, 30.14S:0.08:176.63W:0.10, h24km, n41, r099/46, mb4.6/16, SC, Kermadec Islands region

ELK Elko 3.34 38 Ph Pn 11 26 33.5 -1.5

REN 15 11:26:01.7:1.4, 38.18N:0.02:117.87W:0.03, h7km, 5km, Error ellipse: s-maj=3.8km s-min=1.2km az=54.0

NEIC 15 11:26:01.9:38.18N:117.89W, h10km

NEIC 15 11:26:01.3:1.1, 38.20N:0.02:117.84W:0.02, h4km, 4km,

mb4.8/153, ML5.0/96, Mw4.8/58, Mww5.0/21, ML5.1(REN), Error ellipse: s-maj=2.6km s-min=2.1km az=209.0, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mn=0.45; Mw=0.83; Mx=1.28; My=0.57; Mz=1.29; Mxx=0.02; Fault plane solution: Mo3.810000x10^16 Np1: 0.247, 9.0000, 878.61000, -21.46000. NP2: 0.242, 3.4000, 868.98000, -167.78000. Principal axes: T 1.9239, P1g7.0000, Azm296.0000; N -0.2624, P1g6.0000, Azm41.0000; P -1.6615, P1g23.0000, Azm204.0000.

NEIC 15 11:26:02.38; 16N; 117.90W; h10km IDC 15 11:26:02.3; 0.4, 38; 15N; 117.85W; h0km, mb4.3/24, mblmp4.3/31, ML4.2/6, Error ellipse: s-maj=6.9km s-min=4.3km az=36.0

NEIC 15 11:26:07.7; 38; 18N; 118.02W; h12km, Moment Tensor Solution. Duration: 15s Moment tensor: Scale 10^16Nm; Mn=0.22; Mw=2.32; Mx=2.55; My=0.32; Mz=1.83; Mxx=1.38; Fault plane solution: Mo3.36000x10^16 Np1: 0.247, 9.0000, 878.61000, -21.46000. NP2: 0.242, 3.4000, 868.98000, -167.78000. Principal axes: T 3.6649, P1g20.0000, Azm288.0000; N -0.7270, P1g70.0000, Azm118.0000; P -2.9379, P1g3.0000, Azm19.0000.

ISC 15 11:26:02.1; 1.38; 17N; 0.02; 117.90W; 0.03, h1km; 7km, 1432, 2524/375, mb4.8/70, Nevada

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

Table with columns: PFO, YBH, YBH, PDAR, PDAR, ANMO, ANMO, ANMO, NEW, NEW, MNHN, SMW, SN07, TXAR, TXAR, SAND, BBB, ABTX, KAN01, KAN01, WFTS, MDDN, KSU1, OKJ04, JCT, PLPT, W35A, TUL3, U38A, Z38A, S39A, V35K, U35K, ULM, ULM, CRAIG, CRAIG, T35M, U33K, WRAP, WRAP, WRAP, WHAR, EPLO, E38A, T33K, I40A, JFWS, S34M, DLBC, G40A, L42A, L42A, SIT, HDIL, S32K, KOTAN, I42A, Q32M, R33M, R33M, W42A, S31K, P32M, P46A, P33M, WWT, SKAG, PLBC, YKAW, YKA, N32M, WHY, P30M, P29M, CLTN, WRGL, O30N, FCC, O29M. Lists various seismic stations and their coordinates.

Table with columns: HYT, MMPY, N31M, M31M, PINM, YUK6, N30M, W50A, YUK4, O28M, BRWY, CPCT, YUK8, S51A, M30M, BGLC, M29M, YUK3, KAIM, CRQE, MAYO, L29M, Q23K, MCARA, BVCY, V53A, BG3, GOGA, K29M, BMRM, M27K, EYAK, J30M, M26K, P23K, L27K, DAWY, J29N, KLU, GLI, I30M, V55A, H31M, L26K, HARP, M24K, SEW, I29M, SCM, KDAK, PAX, M23K, O22K, BRSE, KNIK, OHAK, SCRK, SCRK, SII, EPYK, RIDG, RC01, PMR, WAT6, H29M, K24K, F31M, DHY, G30M, CHIR, CAPN, I27K, M22K, WAT1, Q19K, I26K, G29M, J25K, P19K, Barrier, H27K. Lists various seismic stations and their coordinates.

Table with columns: CUT, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Rows include stations like Chulitna, Spurr Chakacha, Inuvik, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Rows include stations like L16K, H16K, H20K, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Rows include stations like MACA, ITTB, LPAZ, etc.

ISK 15 11:28:38.3, 37:69N, 37:39E, h5km, ML2.9/9
AFAD 15 11:28:38.0, 37:69N, 37:42E, h7km, 2km, ML2.7
ISC 15 11:28:38.1, 0.3769N, 0.02-37.43E, h9km, gkm,

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Rows include stations like AKCA, KHMM, KMR5, etc.

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TUL3	Leonard	17.84	90	P	Pn	I11 56 14.0	-1.6
WHTX	Lake Whitney	17.86	104	P	Pn	I11 56 15.8	0.0
S39A	Bolivar	19.44	84	P	Iamb	I11 56 37.7	
V35K	Ketchikan	19.50	336	P	P	I11 56 34.5	+0.1
FFC	Flin Flon	19.83	28	P	Pn	I11 56 39.4	0.0
ULM	Lac du Bonnet	19.84	45	P	P	I11 56 39.8	+0.1
ULM	Lac du Bonnet	19.84	45	P	P	I11 56 36.9	-1.2
R40A	Maddies Statio	20.18	82	P	P	I11 56 40.2	-1.6
R40A	Maddies Statio	20.18	82	P	Iamb	I11 56 47.4	
P40A	Paris	20.22	78	P	P	I11 56 40.4	-1.9
P40A	Paris	20.22	78	P	Iamb	I11 56 48.3	
T35M	Bob Quinn	20.53	341	P	P	I11 56 46.4	+0.9
U33K	Whale Pass	20.64	335	P	P	I11 56 47.1	+0.5
WRAK	Wrangell Islan	20.64	337	P	P	I11 56 47.8	+1.0
FCAR	Ozark Folk Cen	20.74	88	Iamb	Iamb	I11 56 53.5	
WHAR	Wooley Hollow	20.76	90	P	P	I11 56 46.1	-2.1
WHAR	Wooley Hollow	20.76	90	P	Iamb	I11 57 00.9	
EPL0	Experimental L	20.82	49	P	P	I11 56 47.5	-1.3
T33K	Petersburg	21.16	337	P	P	I11 56 53.5	+1.2
T42A	Van Buren	21.30	85	Iamb	Iamb	I11 57 00.6	
I40A	Norwalk	21.37	66	Iamb	Iamb	I11 57 06.0	
LCAR	Lake Charles	21.46	87	P	P	I11 56 53.2	-2.5
LCAR	Lake Charles	21.46	87	P	Iamb	I11 57 01.9	
JFWS	Jewell Farm	21.55	68	P	P	I11 56 56.7	0.0
JFWS	Jewell Farm	21.55	68	P	Iamb	I11 57 05.5	
S34M	Telegraph Cree	21.57	341	P	P	I11 56 58.1	+1.3
DLBC	Dease Lake	21.77	343	P	P	I11 57 00.6	+1.7
LIRD	Liard River Hi	21.91	349	P	P	I11 57 01.8	+1.4
S32K	Killisnoo	22.21	336	P	P	I11 57 04.7	+1.1
KOTAN	Kotaneleele Air	22.34	352	P	P	I11 57 06.0	+1.0
Q32M	Nakina River	22.78	341	P	P	I11 57 10.5	+0.6
R32K	Eaglecrest	22.84	337	P	P	I11 57 11.1	+0.8
R33M	Jennings River	22.84	343	P	P	I11 57 11.2	+0.8
P32M	Atlin	23.71	340	P	P	I11 57 19.6	+0.4
P33M	Teslin, Yukon	24.01	342	P	P	I11 57 22.6	+0.5
SKAG	Skagway	24.06	338	P	P	I11 57 23.2	+0.9
PLBC	Pleasant Camp	24.37	337	P	P	I11 57 26.0	+0.8
YKAW	Yellowknife Wh	24.46	4	P	Iamb	I11 57 24.8	-1.3
YKAW	Yellowknife Wh	24.46	4	P	Iamb	I11 57 59.9	
YKA	Yellowknife Ar	24.46	4	P	P	I11 57 27.4	+1.3
YKA	Yellowknife Ar	24.46	4	P	P	I11 57 25.5	-0.6
N32M	Quiet Lake	24.89	343	P	P	I11 57 30.6	+0.5
WHY	Whitehorse	24.93	340	P	P	I11 57 31.3	+0.9
P29M	Windy Craggy	24.94	336	P	P	I11 57 31.7	+1.3
P30M	Million Dollar	25.08	337	P	P	I11 57 32.9	+1.2
O30N	Mendenhall	25.35	339	P	P	I11 57 35.3	+1.1
FCC	Fort Churchill	25.75	29	P	P	I11 57 35.6	-2.1
FCC	Fort Churchill	25.75	29	P	Iamb	I11 57 44.1	
HYT	Haines Junctio	25.80	338	P	P	I11 57 39.8	+1.4
MMPY	Sheldon Lake,	25.82	346	P	P	I11 57 39.7	+1.2
N31M	Braeburn, Yuko	25.86	340	P	P	I11 57 39.6	+0.8
M31M	Drury Creek, Y	26.12	342	P	P	I11 57 41.7	+0.5
YUK6	Outpost Mounta	26.16	337	P	P	I11 57 42.3	+0.5
N30M	Aishikik Lake	26.20	339	P	P	I11 57 42.6	+0.7
YUK4	Talbot Arm	26.56	338	P	P	I11 57 46.0	+0.7
O28M	Mount Upton	26.60	336	P	P	I11 57 46.0	+0.2
BRWY	Burwash Landin	26.69	337	P	P	I11 57 47.4	+1.0
YUK8	Steele Glacier	26.85	337	P	P	I11 57 48.4	+0.3
BGLC	Bering Glacier	27.21	332	P	P	I11 57 51.3	+0.4
M29M	Gomme Creek	27.38	339	P	P	I11 57 52.9	+0.4
YUK3	Moose Creek	27.44	337	P	P	I11 57 53.8	+0.5
L29M	L29M	27.82	340	P	P	I11 57 57.0	+0.5
Q23K	Middleton Isia	27.96	329	P	P	I11 57 57.9	+0.2
MC9A	McCarthy VSAT	28.00	334	P	P	I11 57 58.0	0.0
K2AR	Barlow Dome	28.07	342	P	P	I11 58 01.8	+1.2
M27K	Edge Creek, AK	28.32	337	P	P	I11 58 01.8	+0.8
EYAK	Cordova Ski Ar	28.42	331	P	P	I11 58 02.7	+0.9
J30M	Hart River	28.61	344	P	P	I11 58 04.3	+0.6
M26K	Nabesna, AK	28.71	336	P	P	I11 58 05.6	+1.2
DAWY	Dawson	28.93	341	P	P	I11 58 06.9	+0.6
GLI	Glacier Island	29.15	331	P	P	I11 58 08.4	+0.2
I30M	Mount Dempster	29.18	344	P	P	I11 58 09.4	+0.8
L26K	Log Cabin Wild	29.28	336	P	P	I11 58 10.1	+0.7
H31M	Peel River	29.29	346	P	P	I11 58 09.2	-0.2
SCM	Sheep Creek Mo	29.83	332	P	P	I11 58 14.8	+0.4
KDAK	Kodiak Island	29.89	322	P	P	I11 58 14.8	0.0
OHAK	Old Harbor	30.00	321	P	P	I11 58 16.2	+0.4
KNK	Knik Glacier	30.00	331	P	P	I11 58 16.0	+0.2
SCRK	Sand Creek	30.17	337	P	P	I11 58 17.5	+0.1
SII	Sitkinak Islan	30.18	319	P	P	I11 58 17.1	-0.4
SML	Sawmill	30.19	331	P	P	I11 58 16.7	-0.8
I26K	Miner Creek	30.19	342	P	P	I11 58 17.8	+0.2
EPYK	Eagle Plains	30.25	345	P	P	I11 58 18.7	+0.7
RIDG	Independent Ri	30.26	336	P	P	I11 58 19.2	+1.0
G31M	Satah River	30.28	347	P	P	I11 58 18.4	+0.3
PWR	Palmer	30.36	331	P	P	I11 58 19.6	+0.7
AMT	Susitna Watana	30.45	333	P	P	I11 58 20.3	+0.3
H29M	Whitestone	30.47	344	P	P	I11 58 20.6	+0.7

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DHY	Denali Highway	30.64	334	P	P	I11 58 21.6	0.0
F31M	Tsigehtochic	30.66	348	P	P	I11 58 22.1	+0.6
CHIR	Chirikof Islan	30.68	317	P	P	I11 58 21.3	-0.5
G30M	Aoh Zraii Nji	30.68	346	P	P	I11 58 21.8	0.0
M22K	Willow	30.84	330	P	P	I11 58 23.5	+0.4
Q19K	Cape Douglas,	30.90	324	P	P	I11 58 23.8	0.0
I26K	Coal Creek Min	30.92	340	P	P	I11 58 24.7	+0.8
G29M	Pine Creek	30.98	345	P	P	I11 58 24.7	+0.3
J25K	Salcha River,	31.05	337	P	P	I11 58 25.6	+0.6
F30M	Barrier River	31.16	347	P	P	I11 58 26.3	+0.4
H27K	Steamboat Moun	31.21	342	P	P	I11 58 26.9	+0.4
INK	Inuvik	31.42	349	P	P	I11 58 29.4	+1.2
C36M	Paulatuk	31.44	356	P	P	I11 58 29.1	+0.8
SKT	Skwentna	31.52	330	P	P	I11 58 29.8	+0.5
L22K	Petersville	31.54	331	P	P	I11 58 29.3	0.0
MCK	McKinley	31.61	334	P	P	I11 58 29.7	-0.3
ILAR	Eielson Array	31.62	337	P	P	I11 58 32.5	+2.4
R17L	Mt. Peulik Vol	31.69	321	P	P	I11 58 30.6	-0.1
G27K	Doyon Strip	31.71	342	P	P	I11 58 31.2	+0.4
PRP	Porcupine Dome	31.74	339	P	P	I11 58 31.3	+0.1
TRF	Thorofare Moun	31.91	333	P	P	I11 58 32.9	+0.1
F28M	Old Crow	31.96	344	P	P	I11 58 33.9	+0.8
POKR	Poker Plat Res	32.03	337	P	P	I11 58 34.4	+0.7
M20K	Styx River	32.11	329	P	P	I11 58 35.0	+0.6
N19K	Bonanza Creek	32.14	327	P	P	I11 58 35.0	+0.2
E29M	Blow River	32.23	346	P	P	I11 58 36.3	+0.9
PPLA	Purkypile	32.29	331	P	P	I11 58 36.1	0.0
CHGN	Chignik	32.31	317	P	P	I11 58 35.6	-0.5
G26K	Porcupine Rive	32.34	341	P	P	I11 58 36.6	+0.3
BPWA	Bear Paw Mtn.	32.55	334	P	P	I11 58 38.7	+0.5
M19K	Big River Lodg	32.63	329	P	P	I11 58 38.8	-0.1
H24K	Noodor Dome	32.66	338	P	P	I11 58 37.4	-1.9
H24K	Noodor Dome	32.66	338	P	Iamb	I11 58 50.0	
H24K	Noodor Dome	32.66	338	P	P	I11 58 39.6	+0.4
N18K	Kilae Creek	32.70	326	P	P	I11 58 39.4	-0.1
E28M	Babbage River	32.73	346	P	P	I11 58 40.4	+0.7
E27K	Coleen River	32.81	344	P	P	I11 58 40.5	0.0
O17K	Koliganek Bris	32.86	324	P	P	I11 58 40.3	-0.6
CHUM	Lake Minchumin	32.89	333	P	P	I11 58 39.9	-1.3
L19K	White Mountain	32.96	329	P	P	I11 58 40.7	-1.2
F26K	Sheenjek River	33.01	342	P	P	I11 58 41.8	-0.4
M18K	Stony River	33.03	327	P	P	I11 58 42.2	-0.2
MLY	Manley	33.03	335	P	P	I11 58 42.2	-0.3
G24K	Hadweenzic Riv	33.15	339	P	P	I11 58 43.4	0.0
H23K	Yukon River	33.16	337	P	P	I11 58 43.4	-0.2
K20K	Teida	33.26	331	P	P	I11 58 44.9	+0.5
F25K	Christian Rive	33.30	341	P	P	I11 58 45.0	+0.2
E25K	Arcotic Village	33.68	342	P	P	I11 58 48.9	+0.8
M17K	Holitna River	33.69	327	P	P	I11 58 48.6	+0.4
J20K	Novitna River	33.73	332	P	P	I11 58 49.4	+0.9
L18K	Granite Mounta	33.73	328	P	P	I11 58 49.4	+0.9
H22K	Ishaltinna Cre	33.78	336	P	P	I11 58 49.9	+0.9
F24K	Squaw Lake	33.84	340	P	P	I11 58 50.7	+1.2
G23K	Bananza Creek	33.89	338	P	P	I11 58 50.4	+0.5
N16K	Nishik Lake	33.91	325	P	P	I11 58 49.9	-0.2
O15K	Ungalithiuk R	33.94	322	P	P	I11 58 50.0	-0.3
H21K	Melozitna Rive	34.10	335	P	P	I11 58 53.2	+1.5
J19K	Poorman	34.18	331	P	P	I11 58 53.0	+0.6
M16K	Timber Creek	34.20	325	P	P	I11 58 52.6	0.0
L17K	Donlin	34.37	327	P	P	I11 58 55.2	+1.1
E24K	Your Creek	34.40	340	P	P	I11 58 54.9	+0.6
C27K	Jago River	34.43	344	P	P	I11 58 55.1	+0.6
G22K	Bettles						

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other station details. Includes stations like ORV, MTPC, SUTB, etc.

SSNC 15 12:20:22.5±1.3, 18°00'N:76°54'W, h13km±11km, MD2.6, ML2.1, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other station details. Includes stations like GWJ, HOJ, STH, etc.

IDC 15 12:26:17.9±0.9, 35°82'S:16°90'W, h0km, mb3.8/8, mblmp3.8/8, Error ellipse: s-maj=32.4km s-min=21.4km az=98.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other station details. Includes stations like TRIS, H1052, etc.

IDC 15 12:26:18.8±1.4, 35°85'S:0°17'00"W, h10km±1km, mb4.6/14, Error ellipse: s-maj=24.8km s-min=19.3km az=28.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other station details. Includes stations like H1053, H10N1, etc.

IDC 15 12:26:18.9±0.6, 35°85'S:0°17'00"W, h10km, n35, az=55°/23, mb4.3/12, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other station details. Includes stations like CPUP, SNA, AQB, etc.

IDC 15 12:33:47.5±6.2, 18°12'S:178°28'W, h548km±28km, mb2.8/3, mblmp3.7/4, Error ellipse: s-maj=198.0km s-min=28.5km az=141.0

ISC 15 12:33:48.3±3.1, 17.8°S:18°17'S:5.0°E, h550km, n6, az=0599°/7, mb3.2/3, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other station details. Includes stations like MSVF, WRA, ASAR, etc.

IDC 15 12:52:44.1±0.9, 25°89'N:62°41'E, h0km, mb4.1/24, mblmp4.1/25, ML4.7/1, MS4.6/3, Error ellipse: s-maj=20.8km s-min=13.8km az=8.0

MOS 15 12:52:44.9±1.0, 26°03'N:62°46'E, h13km, mb4.8/30, Error ellipse: s-maj=7.6km s-min=4.4km az=79.3

NEIC 15 12:52:45.8±1.3, 26°01'N:0°16'22"E:0.09, h10km±1km, mb4.7/47, Error ellipse: s-maj=18.2km s-min=12.9km az=157.0

DSN 15 12:52:47.8±1.6, 25°98'N:62°40'E, h15km, mb5.3/1, ML4.4/17, Error ellipse: s-maj=38.8km s-min=8.3km az=145.0

TEH 15 12:52:47.2±2.6, 26°05'N:62°41'E, h20km±70km, ML4.5, Presumed earthquake

THR 15 12:52:48.0±0.2, 26°28'N:62°07'E, h10km±92km, ML4.5, Presumed earthquake

OMAN 15 12:52:56.0±0.5, 25°59'N:61°68'E, h10km, mb5.4/17, m4.6/15, Error ellipse: s-maj=8.7km s-min=5.1km az=36.0

ISC 15 12:52:45.2±0.4, 25°96'N:0°04'24"E:0.03, h10km, n292, az=250°/307, mb4.6/75, MS4.3/5, 11C, Southwestern Pakistan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other station details. Includes stations like CHBR, NGVN, SRGV, etc.

GENO 15 12:52:56.0±0.5, 25°59'N:61°68'E, h10km, mb5.4/17, m4.6/15, Error ellipse: s-maj=8.7km s-min=5.1km az=36.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other station details. Includes stations like GENO, NHDN, HATD, etc.

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other station details. Includes stations like BSRN, AJN, BSRN, etc.

15d 13h

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, SNR, etc. Includes stations like KBK Karagaybulak, AKT Akhty, CHMS Chumysh, etc.

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Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, SNR, etc. Includes stations like KURK Kurchatov, BR131 Keskin Array S, BRTR Keskin Array B, etc.

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Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, SNR, etc. Includes stations like RETA Reutte, NR1K Noril'sk, NR1K Noril'sk, etc.

15D 13:02:10.9:0.8:38:13N x 117:17W, h0km, mb2.7/1, s-min=5.7km az=25.0
NEIC 15:13:02:12.0:0.9:38:176N:0:008:117:81W:0.02, h10km, 7km, ML3.8/156, ML4.3/6(REN), Error ellipse: s-maj=2.3km s-min=1.2km az=73.0

REN 15 13:02:12.3, 1.2, 38.166N, 0.005:117.80W, 0.02, h8km, 4km, Error ellipse: s-maj=2.1km s-min=0.7km az=77.0

ISC 15 13:02:12.3, 1.1, 38.18N, 0.02:117.80W, 0.03, h8km, 11km, n80, c054/55, Nevada

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

Table with columns: HULI, Fort Hunter Li, comp=N, 222nm, 1.2s, 3.49 233, IAML, 13 04 08.4. Lists seismic events with station names, magnitudes, and times.

IDC 15 13:06:58.8, 3.1, 25.42N, 122.95E, h172km, 30km, mb3.6/9, mbmp4.0/10, Error ellipse: s-maj=31.4km s-min=20.2km az=37.0

NEIC 15 13:07:00.5, 1.6, 25.3N, 0.1:122.91E, 0.09, h190km, 8km, mb4.1/1.1, Error ellipse: s-maj=21.4km s-min=11.3km az=168.0

TAP 15 13:07:00.7, 25.21N, 122.90E, h197km, ML4.6, D, JMA 15 13:07:01.3, 0.3, 25.2N, 122.89E, 0.03, h196km, 5km, MV3.9/2.1, NW OFF ISHIGAKIJIMA IS

ISC 15 13:07:00.4, 0.7, 25.25N, 122.89E, 0.03, h196km, 5km, n174, c1530/268, mb3.9/1.5, 3C-9D, Taiwan region

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

Table with columns: NACB, Datong, 1.59 239, IEP, S, Sn, 13 07 59.2 -2.0. Lists seismic events with station names, magnitudes, and times.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations like ZALV, KURK, WRA, etc.

SJA 15 13:09:59.1±0.6,24.06S;66.99W,h206km,6km,ML3.7,MW3.5

GUC 15 13:10:01.1±0.5,24.07S;67.36W,h237km,9km,ML3.9

ISC 15 13:10:00.8±1.2,24.09S;0.04;67.04W;0.05,h181km,n33,r1503.51,3C,Chile-Argentina border region

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and other technical details.

Table listing stations like NV04, NV05, NV01, etc., with their respective frequencies and modes.

IDC 15 13:29:20.0±3.2,74.2S;155.84E,h96km,34km,mb3.8/13,mbmp4.2/13,Error ellipse: s-maj=23.4km s-min=16.7km

NEIC 15 13:29:21.8±1.5,74.5S;0.1;155.84E;0.09,h109km,8km,mb4.4/13,Error ellipse: s-maj=20.4km s-min=5.8km

ISC 15 13:29:05.0±0.6,74.0S;0.10;155.83E;0.09,h100km,n33,r0578.34,mb4.3/18,Bougainville-Solomon Islands

Main station list table for the second column, including stations like HNR, WBR, WRA, etc.

IDC 15 13:35:23.8±0.9,38.18N;117.75W,h0km,mb2.9/1,mbmp3.1/5,ML3.5/4,Error ellipse: s-maj=9.8km

NEIC 15 13:35:24.7±1.9,38.22N;0.01;117.79W;0.01,h10km,2km,ML3.6/197,ML3.8/10(REN),Error ellipse: s-maj=3.1km

REN 15 13:35:24.8±1.5,38.22N;0.01;117.78W;0.02,h9km,8km,Error ellipse: s-maj=2.1km s-min=1.9km az=216.0

ISC 15 13:35:25.0±1.1,38.22N;0.02;117.79W;0.02,h7km,9km,n101,r0883/82,Nevada

Main station list table for the third column, including stations like NV11, NV06, NV07, etc.

Main station list table for the fourth column, including stations like Q09A, TVH1, Deep Springs, etc.

905

Table with columns: MDJ, Mudanjiang, 50.89, 1, P, P, 14 20 34.4 +0.4, etc. Includes entries for MDJ, XLT, JKA, WHZ, GAT2, GOMU, YSS, HEH, ULN, SONM, TLY, WMQ, PETK, PET, WUS, ZSN, UZB, KSH2, SATY, MKAR, MKPK, MAKZ, KDJ, TNS, MDO, AAK, DDK, BOOM, MA2, YAK, YKM, YAK, TKM2, UCH, AAK, USP, SGDS, EK2S, GAR, ZAAO, ZALV, SHM, KURBB, KURK, DZA, KKAR, BRLS, Vnda, Vnda, BRZS, KIBW, MAW, Mawson, ATKA, BVAR, BORK, BORK, TIXI, NRIK, NRIK, UNV.

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Table with columns: AB31 Akbulak array, 81.03 322, Iamb, Iamb, 14 23 45.1, etc. Includes entries for ABKAR, GAMB, GAMB, QSPA, QSPA, M11K, ARTI, SDPT, CHNA, M13K, M13K, K13K, K13K, TNA, O14K, O14K, N14K, N14K, L14K, L14K, RAYN, RAYN, M14K, M14K, F14K, F14K, CHGN, CHGN, O15K, O15K, L15K, L15K, M15K, M15K, N15K, N15K, K15K, K15K, F15K, F15K, H16K, H16K, P16K, P16K, N16K, N16K, O16K, O16K, L16K, L16K, M16K, M16K, J16K, J16K, C16K, C16K, I17K, I17K, CHIR, CHIR, R17L, R17L, Q16K, Q16K, O17K, O17K, D17K, D17K, P17K, P17K, N17K, N17K, J17K, J17K, G17K, G17K, M17K, M17K, K17K, K17K, RDOG, RDOG, F17K, F17K, E17K, E17K, C17K, C17K, SII, SII, Q18K, Q18K, P18K, P18K, N18K, N18K, L18K, L18K, E18K, E18K, O18K, O18K, F18K, F18K, H18K, H18K, M18K, M18K, C18K, C18K, G18K, G18K, OHAK, OHAK, Q19K, Q19K, GCSA, GCSA, N19K, N19K, N19K, N19K, L19K, L19K.

15d 14h

Table with columns: L19K White Mountain, 89.63 27 P, P, 14 24 26.6 +0.1, etc. Includes entries for F19K, KDAD, C19K, G19K, G19K, J19K, P19K, H19K, D19K, D19K, E19K, E19K, K20K, M20K, J20K, I20K, H20K, F20K, F20K, HOM, SPCR, D20K, D20K, E20K, B20K, PPLA, CAPN, BRSE, KBZ, SKT, SKT, CHUM, G21K, H21K, A21K, C21K, F21K, E21K, L22K, L22K, I21K, B21K, M22K, M22K, SEW, BPAW, CUT, RC01, A22K, TRF, H22K, MLY, G22K, PMR, B22K, KNK, KNK, SML, WCK, WAT1, I23K, I23K, G23K, G23K, NEA2, NEA2, H23K, P23K, D23K, D23K, M23K, C23K, GLI, E23K, TOLK, DHY, DHY, CCB, H24K, H24K, POKR.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like CANY Casey, KUR Kuril'sk, JTM Tenmabayashi, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like DANC Danby, Needles, L04D Klamath Falls, R16K Pilot Point, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like KSAR Wonju Array Be, M15K Kasigulak River, M15K baz=192, SNR=60, etc.

CAPN	baz=203	78.23	11	P	P	15 01 20.3 +0.6
CAPN	baz=201			S	S	15 11 15.6 +1.0
P23K	Montague Islan	78.25	13	IAMS_20	IAMS_20	15 34 22.6
P23K	Montague Islan	78.25	13	P	P	15 01 19.7 -0.1
P23K	baz=205			S	S	15 11 12.9 -2.0
HAWA	Hanford	78.26	35	IAMB	IAMB	15 01 42.5
K15K	Wolf Creek Mou	78.31	5	IAMS_20	IAMS_20	15 30 36.4
K15K	Wolf Creek Mou	78.31	5	P	P	15 01 21.1 +1.0
K15K	baz=191			S	S	15 11 17.3 +1.8
HHU	Hamhung	78.36	317	P	P	15 01 22.0 +1.1
HHU				S	S	15 11 15.9 -1.0
SPCR	Spurr Chachaka	78.45	10	P	P	15 01 20.3 -0.8
SPCR	baz=200,SNR=7.5			S	S	15 11 15.6 -1.7
CRAG	Craig	78.47	22	IAMB	IAMB	15 01 31.5
CRAG	Craig	78.47	22	P	P	15 01 22.2 +1.1
CRAG	Craig	78.47	22	P	P	15 01 21.8 +0.7
CRAG	Craig	78.47	22	P	P	15 01 21.9 +0.7
CRAG	baz=219			S	S	15 11 18.3 +0.9
L17K	Donlin	78.48	7	P	P	15 01 22.5 +1.4
L17K	baz=194			S	S	15 11 18.9 +1.5
E08A	Dider Farm, El	78.58	35	IAMB	IAMB	15 01 29.9
BMO	Blue Mountains	78.59	37	IAMB	IAMB	15 01 36.7
BMO	Blue Mountains			IAMS_20	IAMS_20	15 29 41.4
BMO	comp=Z,3um,20.0s	78.59	37	P	P	15 01 22.4 +0.2
HJU	Haeju	78.59	315	P	P	15 01 22.6 +0.4
HJU				S	S	15 11 18.0 -1.5
HJU	Amb					
SSE	Sheshan	78.61	307	P	P	15 01 22.8 +0.3
SSE				S	S	15 11 18.4 -1.5
SSE	comp=Z,6.0nm,0.7s			pmax	pmax	
SSE	comp=Z,400nm,9.2s			pmax	pmax	
SSE	comp=Z,260nm,19.1s			LR	LR	
DUG	Dugway, Tooele	78.76	43	IAMS_20	IAMS_20	15 29 55.7
L18K	Granite Mounta	78.76	8	IAMB	IAMB	15 01 25.0
L18K	Granite Mounta			IAMS_20	IAMS_20	15 34 58.6
L18K	Granite Mounta	78.76	8	P	P	15 01 23.6 +0.9
L18K	baz=196			S	S	15 11 20.7 +0.4
RC01	Rabbit Creek A	78.79	11	IAMB	IAMB	15 01 28.7
RC01	Rabbit Creek A	78.79	11	P	P	15 01 22.4 -0.4
RC01	baz=203,SNR=7.4			S	S	15 11 18.4 -2.3
HIN	Hinchinbrook I	78.81	13	IAMS_20	IAMS_20	15 30 00.3
KAIM	Kayak Island	78.86	14	P	P	15 01 23.4 +0.2
V35K	Ketchikan	78.91	23	P	P	15 01 24.2 +0.6
V35K	baz=220,SNR=14			S	S	15 11 22.6 +0.5
M20K	Styx River	78.95	9	IAMS_20	IAMS_20	15 31 02.7
M20K	Styx River	78.95	9	P	P	15 01 23.1 -0.7
M20K	baz=199			S	S	15 11 20.2 -2.4
L19K	White Mountain	78.97	8	IAMS_20	IAMS_20	15 33 42.3
L19K	White Mountain	78.97	8	P	P	15 01 23.7 -0.2
L19K	baz=198			S	S	15 11 20.0 -2.7
U33K	Whale Pass	78.97	21	IAMB	IAMB	15 01 32.0
U33K	Whale Pass	78.97	21	P	P	15 01 24.5 +0.6
U33K	baz=219			S	S	15 11 22.6 -0.1
SIT	Sitka	78.98	20	P	P	15 01 25.1 +1.2
SIT	Sitka	78.98	20	P	P	15 01 24.0 +0.1
SIT	baz=217			S	S	15 11 21.4 -1.4
HMU	Henry Mountain	78.99	45	IAMB	IAMB	15 01 32.6
D08A	Wollman Farm,	79.00	34	IAMB	IAMB	15 01 31.3
K17K	Iditarod	79.05	7	IAMB	IAMB	15 01 41.1
K17K	Iditarod	79.05	7	P	P	15 01 25.2 +0.9
K17K	baz=194,SNR=41			S	S	15 11 25.8 +2.4
PYAG	Pyongyang	79.08	316	P	P	15 01 26.3 +1.4
PYAG				S	S	15 11 23.6 -1.1
EYAK	Cordova Ski Ar	79.11	13	IAMB	IAMB	15 01 31.6
EYAK	Cordova Ski Ar	79.11	13	P	P	15 01 24.7 +0.2
EYAK	Cordova Ski Ar	79.11	13	P	P	15 01 24.1 -0.4
EYAK	baz=207			S	S	15 11 21.7 -2.3
GLI	Glacier Island	79.12	12	IAMB	IAMB	15 01 25.4
GLI	Glacier Island			IAMS_20	IAMS_20	15 29 52.5
GLI	Glacier Island	79.12	12	P	P	15 01 23.8 -0.8
GLI	baz=205,SNR=15			S	S	15 11 20.8 -3.4
FID	Port Fidalgo	79.13	13	IAMS_20	IAMS_20	15 29 49.6
TPI	Tanjungpandan	79.17	270	P	P	15 01 22.6 -3.4
EPT	El Paso	79.17	53	IAMS_20	IAMS_20	15 33 29.1
RAGM	Ragged Mountai	79.20	14	IAMB	IAMB	15 01 31.3
GAMB	Gambell	79.29	1	IAMB	IAMB	15 01 27.6
GAMB	Gambell	79.29	1	P	P	15 01 26.3 +0.8
GAMB	baz=181,SNR=5.6			S	S	15 11 26.0 +0.2
SKT	Skwentna	79.30	10	IAMB	IAMB	15 01 31.7
SKT	Skwentna	79.30	10	P	P	15 01 24.4 -1.2
SKT	baz=201,SNR=20			S	S	15 11 22.7 -3.4
KNK	Knik Glacier	79.33	12	IAMB	IAMB	15 01 27.0
KNK	Knik Glacier			IAMS_20	IAMS_20	15 33 05.0
KNK	Knik Glacier	79.33	12	P	P	15 01 25.6 -0.2
KNK	baz=204,SNR=10					

KNK				S	S	15 11 23.5 -3.0
M22K	Willow	79.33	11	IAMS_20	IAMS_20	15 30 56.0
M22K	Willow	79.33	11	P	P	15 01 24.9 -0.8
M22K	baz=202,SNR=15			S	S	15 11 23.2 -3.1
PMR	Palmer	79.37	11	IAMB	IAMB	15 01 27.0
PMR	Palmer	79.37	11	P	P	15 01 25.7 -0.2
PMR	Palmer	79.37	11	P	P	15 01 25.6 -0.4
PMR	baz=203,SNR=19			S	S	15 11 23.1 -3.6
J16K	Anvik River	79.37	6	IAMS_20	IAMS_20	15 30 59.4
J16K	Anvik River	79.37	6	P	P	15 01 27.0 +1.0
J16K	baz=192,SNR=65			S	S	15 11 31.0 +4.2
S31K	Pelican	79.42	19	P	P	15 01 26.5 +0.3
S31K	baz=216,SNR=6.3			S	S	15 11 28.8 +1.4
BERG	Berg Lake	79.44	14	IAMB	IAMB	15 01 32.6
WRAK	Wrangell Islan	79.48	22	P	P	15 01 27.2 +0.5
WRAK	Wrangell Islan	79.48	22	P	P	15 01 27.1 +0.4
WRAK	baz=220			S	S	15 11 30.1 +1.9
S32K	Killsnoo	79.55	20	IAMS_20	IAMS_20	15 34 52.7
S32K	Killsnoo	79.55	20	P	P	15 01 27.3 +0.2
HLID	Hailey	79.56	39	P	P	15 01 28.8 +1.0
GHO	Glory Hole Cre	79.57	11	IAMB	IAMB	15 01 28.2
DIV	Divide	79.62	13	IAMB	IAMB	15 01 28.5
DIV	Divide			IAMS_20	IAMS_20	15 30 45.9
J17K	VABM Dome	79.63	6	IAMB	IAMB	15 01 29.9
J17K	VABM Dome			IAMS_20	IAMS_20	15 30 25.4
J17K	VABM Dome	79.63	6	P	P	15 01 28.3 +0.9
J17K	baz=194,SNR=44			S	S	15 11 32.4 +2.9
MDJ	Mudanjiang	79.64	322	IAMB	IAMB	15 01 29.5
MDJ	Mudanjiang	79.64	322	P	P	15 01 29.3 +1.4
MDJ	Mudanjiang	79.64	322	P	P	15 01 27.9 -0.1
MDJ	Mudanjiang			sS	sS	15 11 40.5 +7.4
MDJ	comp=Z,60nm,1.9s			pmax	pmax	
MDJ	comp=Z,2um,4.7s			LR	LR	
MDJ	comp=Z,2um,22.0s			LR	LR	
MDJ	comp=Z,3um,22.0s			LR	LR	
MESA	MESA	79.68	15	IAMB	IAMB	15 01 41.9
MESA	MESA	79.68	15	P	P	15 01 28.2 +0.3
MESA	comp=Z,145nm,1.4s					
SML	Sawmill	79.72	12	IAMB	IAMB	15 01 41.4
SML	Sawmill	79.72	12	P	P	15 01 27.3 -0.7
SML	baz=204,SNR=9.1			S	S	15 11 29.1 -1.5
GRNR	Gornyy	79.72	330	P	P	15 01 28.7 +0.5
GRNR				pmax	pmax	
BMRM	Bremner River	79.74	14	IAMS_20	IAMS_20	15 30 57.0
BMRM	Bremner River	79.74	14	P	P	15 01 28.0 0.0
BMRM	Bremner River			S	S	15 11 26.4 -4.5
P17A	Butcher Ranch,	79.75	44	IAMB	IAMB	15 01 44.0
C09A	Chrisman Ranch	79.80	34	IAMB	IAMB	15 01 36.3
M23K	Glacier View	79.82	12	P	P	15 01 27.6 -0.8
M23K	baz=205,SNR=6.8			S	S	15 11 28.4 -3.3
CRQM	Cirque	79.89	14	IAMB	IAMB	15 01 42.5
CRQM	comp=Z,92nm,1.2s			IAMS_20	IAMS_20	15 31 29.3
CRQE	Cirque	79.90	14	P	P	15 01 29.1 0.0
CRQE	baz=209,SNR=15			S	S	15 11 30.7 -2.0
CUT	Chulitna	79.91	10	IAMS_20	IAMS_20	15 30 13.3
CUT	Chulitna	79.91	10	P	P	15 01 28.4 -0.5
CUT	Chulitna			S	S	15 11 30.5 -2.0
KLU	Klutina	79.92	13	P	P	15 01 28.8 -0.3
KLU	baz=206,SNR=17			S	S	15 11 30.2 -2.6
VHRN	Van Horn	79.92	54	IAMB	IAMB	15 01 56.6
SCM	Sheep Creek Mo	79.94	12	IAMB	IAMB	15 01 38.5
SCM	Sheep Creek Mo	79.94	12	P	P	15 01 28.9 -0.3
SCM	Sheep Creek Mo			S	S	15 11 30.6 -2.4
L22K	Petersville	79.94	10	IAMB	IAMB	15 01 29.6
L22K	Petersville	79.94	10	P	P	15 01 28.3 -0.8
L22K	baz=202,SNR=44			S	S	15 11 29.3 -3.6
U35K	Hyder	79.95	23	P	P	15 01 29.4 +0.2
I17K	Unalakleet	79.95	5	IAMB	IAMB	15 01 31.7
I17K	Unalakleet			IAMS_20	IAMS_20	15 31 06.8
I17K	Unalakleet	79.95	5	P	P	15 01 29.8 +0.8
I17K	baz=192,SNR=11			S	S	15 11 35.4 +2.5
TGL	Tana Glacier	79.96	14	IAMB	IAMB	15 01 43.0
MNTX	Cornudas Moun	80.01	53	IAMB	IAMB	15 01 45.4
MNTX	Cornudas Moun			IAMS_20	IAMS_20	15 31 00.1
MNTX	Cornudas Moun	80.01	53	P	P	15 01 31.6 +1.4
PCA	Pinnacle	80.04	16	IAMB	IAMB	15 01 37.0
PCA	Pinnacle			IAMS_20	IAMS_20	15 29 02.3
PINM	Pinnacle	80.04	16	P	P	15 01 29.7 -0.1
PINM	baz=212			S	S	15 11 33.4 -0.8
CGJI	Cibinong	80.05	266	P	P	15 01 27.7 -3.1
PPLA	Purkeypile	80.05	9	IAMS_20	IAMS_20	15 30 27.9
PPLA	Purkeypile	80.05	9	P	P	15 01 28.1 -1.7
MVCO	Mesa Verde	80.19	47	IAMS_20	IAMS_20	15 30 51.2
GRNC	Granite Creek	80.21	15	IAMB	IAMB	15 01 38.1
GRNC	Granite Creek			IAMS_20	IAMS_20	15 30 30.5
GRNC	Granite Creek			IAMS_20	IAMS_20	15 30 30.5
K20K	Telida	80.21	8	IAMB	IAMB	15 01 32.0
K20K	Telida	80.21	8	P	P	15 01 30.6 +0.1
K20K	baz=198,SNR=42			S	S	15 11 35.2 -0.5
K20K	baz=198					

R32K	Eaglecrest	80.21	19	P	P	15 01 30.7 +0.1
R32K	baz=217,SNR=9.2			S	S	15 11 35.0 -0.9
VRDI	Verde Repeater	80.23	14	IAMB	IAMB	15 01 44.5
VRDI	Verde Repeater			IAMS_20	IAMS_20	15 31 31.0
JIS	Junesia Island	80.26	19	P	P	15 01 31.6 +0.8
BSUT	Blindstrom Ca	80.28	43	IAMB	IAMB	15 01 31.9
ANM	Nome	80.28	3	IAMS_20	IAMS_20	15 32 04.2
ANM	Nome	80.28	3	P	P	15 01 31.8 +0.9
ANM	baz=187,SNR=13			S	S	15 11 39.3 +3.0
HWUT	Hardware Ranch	80.30	42	IAMS_20	IAMS_20	15 30 13.4
GLB	Gilghina Butte	80.34	14	IAMB	IAMB	15 01 32.5
P29M	Windy Craggy	80.34	17	IAMS_20	IAMS_20	15 43 44.3
P29M	Windy Craggy	80.34	17	P	P	15 01 32.0 +0.6
P29M	baz=214,SNR=20			S	S	15 11 36.6 -0.7
TX31	Litias Ar. Si	80.36	56	IAMB	IAMB	15 01 39.7
TXAR	Lajitas Array	80.36	56	P	P	15 01 33.8 +1.6
TXAR	Lajitas Array					

15d 14h

Table with columns: TRF, Station Name, Date, Time, Location, and Value. Includes stations like HARP HAARP, SKAG, CHUM, P30M, J20K, H17K, S34M, DHY, RND, KLR, F14K, TNA, YUK8, GCSA, YUK6, PAX, M26K, BPAW, MCK, HYT, H18K, YUK3, BRWY, F15K, KASI, Q32M, P32M, YUK4, I20K, G17K, BNK, DL2K, MSO.

2020 MAY

Table with columns: MENT, Station Name, Date, Time, Location, and Value. Includes stations like MENT Mentasta, CN2, O30N, O20A, Q20A, DL2, DL2K, H19K, H19K, WHY, K24K, LWLI, N30M, G18K, G18K, H20K, NEA2, YPP, RIDG, RIDG, RIDG, RIDG, BW06, BW06, PDAR, PDAR, PDAR, L27K, L27K, YHL, YFT, BCAR, I21K, I21K, DOT, DOT, R33M, R33M, MLY, MLY, MLY.

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Table with columns: BOZ, Station Name, Date, Time, Location, and Value. Includes stations like BOZ Bozeman (W), H17A, HDA, HDA, CCB, F17K, F17K, N31M, N31M, N31M, YNR, M29M, M29M, G19K, G19K, G19K, SCRK, SCRK, SCRK, SDCO, SDCO, SDCO, H21K, H21K, H21K, I23K, I23K, I23K, COLA, COLA, COLA, ILAR, F18K, IMAR, J25K, J25K, POKR, POKR, N32M, N32M, N32M, H22K, H22K, H22K, K27K, K27K, E17K, E17K, SEY, SEY, YNE, M30M, M30M, M30M, M30M, F19K, F19K, F19K, L29M, L29M, L29M, TPRI, TPRI, H23K, G21K, M31M, M31M, M31M, ISCO, ISCO, ISCO, E18K.

CMIG	baz=192	Matias Romero	83.49	70	LR	LR	15	30	47.6
H24K	comp=Z,3um,20.4s, baz=224, slow=30	Noodor Dome	83.49	10	P	S	15	01	46.6 -1.2
H24K	baz=204, SNR=12				S	P	15	12	05.4 -4.2
RLMT	baz=204	Red Lodge	83.52	40	P	P	15	01	49.6 +0.9
D17K	baz=190, SNR=13	Noatak River	83.53	4	P	P	15	01	48.8 +0.8
D17K					S	SKSac	15	12	09.6 -0.8
F20K	baz=190	Avaraart Lake	83.54	7	IAMB	IAMB	15	01	49.9
F20K	comp=Z,56nm,1.3s				IAMS_20	IAMS_20	15	33	07.7
F20K	comp=Z,2um,21.0s	Avaraart Lake	83.54	7	P	P	15	01	48.4 +0.5
F20K	baz=197, SNR=40				S	S	15	12	08.4 -1.4
QIZ	baz=197	Qiongzong	83.55	292	P	P	15	01	49.3 +0.2
QIZ					PP	SK	15	05	06.4 +4.7
QIZ					SS	SKSac	15	12	10.8 -1.8
QIZ					SS	SS	15	17	34.4 -3.9
QIZ	comp=Z,810nm,8.6s				pmx	pmx			
QIZ	comp=Z,460nm,18.1s				LR	LR			
QIZ	comp=Z,890nm,20.6s				LR	LR			
BELA	comp=Z,2um,22.0s	Belgrao 2	83.56	172	IAMB	IAMB	15	01	57.2
PRP	comp=Z,81nm,1.4s	Porcupine Dome	83.62	11	IAMS_20	IAMS_20	15	34	45.3
PRP	comp=Z,2um,19.0s	Porcupine Dome	83.62	11	P	P	15	01	48.5 -0.1
PRP	baz=206, SNR=57				S	S	15	12	07.3 -3.8
PMSA	baz=206	Palmer Station	83.62	156	LR	LR	15	30	48.7
PMSA	comp=Z,2um,20.1s, baz=241, slow=30				IAMS_20	IAMS_20	15	45	31.5
PMSA	comp=Z,3um,19.0s	Palmer Station	83.62	156	IAMS_20	IAMS_20	15	45	31.5
DAWY	baz=212	Dawson	83.64	14	P	P	15	01	49.1 +0.5
DAWY					S	S	15	12	08.0 -3.1
WHN	baz=212	Wuhan	83.75	304	P	P	15	01	49.8 -0.1
WHN					pmx	pmx			
E19K	comp=Z,2um,10.2s	Redstone River	83.77	6	IAMS_20	IAMS_20	15	34	06.8
TIA	comp=Z,2um,20.0s	Tai'an	83.86	310	P	P	15	01	50.8 +0.5
TIA					pmx	pmx			
TIA	comp=Z,23nm,1.0s				pmx	pmx			
TIA	comp=Z,1um,5.7s				LR	LR			
TIA	comp=Z,800nm,19.2s				LR	LR			
TIA	comp=Z,1um,17.9s				LR	LR			
I26K	comp=Z,2um,22.7s	Coal Creek Min	83.89	12	IAMS_20	IAMS_20	15	33	13.6
I26K	comp=Z,2um,20.0s	Coal Creek Min	83.89	12	P	P	15	01	50.3 +0.5
I26K	baz=209				S	S	15	12	13.7 +0.3
RDOG	baz=209	Red Dog Mine	83.89	4	IAMB	IAMB	15	01	51.2
RDOG	comp=Z,58nm,1.3s				P	P	15	01	50.4 +0.6
RDOG	baz=190				S	S	15	12	12.7 -0.7
JCT	baz=190	Junction City	83.90	56	IAMS_20	IAMS_20	15	34	01.0
K29M	comp=Z,2um,19.0s	Barlow Dome	83.90	15	IAMS_20	IAMS_20	15	32	49.2
K29M	comp=Z,3um,20.0s	Barlow Dome	83.90	15	P	P	15	01	50.6 +0.5
K29M	baz=214, SNR=45				S	SKSac	15	12	12.5 -0.8
LIRD	baz=214	Liard River Hi	83.94	22	P	P	15	01	50.7 +0.5
G22K	baz=225, SNR=8.0	Bettles	83.94	8	P	P	15	01	50.6 +0.6
G22K	baz=201				S	S	15	12	14.9 +1.0
G23K	baz=201	Bananza Creek	83.96	9	IAMB	IAMB	15	01	51.9
G23K	comp=Z,66nm,1.2s	Bananza Creek	83.96	9	P	P	15	01	50.3 +0.1
G23K	baz=202, SNR=58				S	SKSac	15	12	13.1 -0.3
F21K	baz=202	Alatna River	83.97	7	IAMB	IAMB	15	01	52.0
F21K	comp=Z,64nm,1.3s				IAMS_20	IAMS_20	15	32	17.2
F21K	comp=Z,2um,21.0s	Alatna River	83.97	7	P	P	15	01	50.5 +0.3
F21K	baz=199, SNR=23				S	S	15	12	14.4 +0.1
C16K	baz=199	Lisburne Hills	83.98	3	IAMB	IAMB	15	01	51.3
C16K	comp=Z,52nm,1.2s				IAMS_20	IAMS_20	15	33	49.9
C16K	comp=Z,2um,20.0s	Lisburne Hills	83.98	3	P	P	15	01	50.5 +0.3
C16K	baz=187, SNR=6.1				S	S	15	12	14.7 +0.5
RTBA	baz=187	Rita Blanca	83.99	50	IAMB	IAMB	15	02	05.1
HEH	comp=Z,65nm,1.5s	HeiHe	84.01	326	eP	P	15	01	50.5 -0.2
HEH					PP	SK	15	01	54.1 +1.1
HEH					SP	SK	15	01	56.0 +1.3
HEH					SKS	SKSac	15	12	10.3 -4.9
HEH					SS	SS	15	12	15.1 +0.8
HEH	comp=Z,640nm,21.6s				LR	LR			
HEH	comp=Z,990nm,19.0s				LR	LR			
CNSH	comp=Z,1um,20.8s	ChangSha	84.02	301	P	P	15	01	51.5 +0.2
CNSH					S	SKSac	15	12	16.1 +0.7
CNSH	comp=Z,460nm,11.3s				pmx	pmx			
CNSH	comp=Z,170nm,17.8s				LR	LR			
CNSH	comp=Z,330nm,19.2s				LR	LR			
CNSH	comp=Z,490nm,19.3s				LR	LR			
MYKOM	comp=Z,64nm,1.4s	Kota Tinggi	84.05	274	IAMB	IAMB	15	01	53.5
MYKOM	comp=Z,2um,20.0s	Kota Tinggi	84.05	274	P	P	15	01	52.7 +0.9
MYKOM	comp=Z,2um,20.0s	Kota Tinggi	84.05	274	P	P	15	01	52.7 +0.9
K22A	comp=Z,895nm,comp=Z,37nm,1.5s	Casper	84.08	43	IAMB	IAMB	15	01	59.1
MAYO	comp=Z,72nm,1.4s	Mayo Yukon	84.11	16	P	P	15	01	51.4 +0.4
AMTX	baz=216	Amarillo	84.14	51	IAMB	IAMB	15	02	06.4
AMTX	comp=Z,67nm,1.2s				IAMS_20	IAMS_20	15	36	03.5
AMTX	comp=Z,3um,18.0s	Amarillo	84.14	51	P	P	15	01	52.4 +0.4
J29N	comp=Z,2um,19.0s	Klondike Camp	84.24	14	IAMS_20	IAMS_20	15	35	24.1
J29N	comp=Z,2um,19.0s	Klondike Camp	84.24	14	P	P	15	01	52.7 +1.0
J29N	baz=214, SNR=6.9				S	SKSac	15	12	14.9 -0.5
MASI	baz=214	Maura Aman, Be	84.28	268	P	P	15	01	50.8 -2.2
C17K	comp=Z,88nm,1.4s	DeLong Mountai	84.30	4	P	P	15	01	52.1 +0.2
C17K	baz=190				S	S	15	12	18.5 +1.1
G24K	baz=190	Hadweencic Riv	84.35	10	P	P	15	01	52.0 -0.2
G24K	baz=205				S	SKSac	15	12	15.7 -0.2
KVTX	baz=205	Kingsville	84.38	59	IAMS_20	IAMS_20	15	40	01.4
I27K	comp=Z,2um,18.0s	Kandik River	84.47	12	IAMB	IAMB	15	01	54.5

I27K	comp=Z,59nm,1.2s				IAMS_20	IAMS_20	15	33	32.8
I27K	comp=Z,2um,20.0s	Kandik River	84.47	12	P	P	15	01	53.2 +0.4
I27K	baz=210, SNR=43				S	SKSac	15	12	17.6 +0.8
H03S2	baz=210	Juan Fernandez	84.55	123	T	T	16	35	38.9
H03S1	comp=Z,2um,20.0s	Juan Fernandez	84.56	123	T	T	16	35	49.2
H03S3	baz=251, slow=75, SNR=5.4	Juan Fernandez	84.57	123	T	T	16	35	41.5
C18K	baz=251, slow=75, SNR=4.0	Utukok River	84.60	4	IAMB	IAMB	15	01	55.0
C18K	comp=Z,88nm,1.6s				IAMS_20	IAMS_20	15	34	18.5
C18K	comp=Z,2um,20.0s	Utukok River	84.60	4	P	P	15	01	53.5 +0.1
C18K	baz=191, SNR=8.3				S	S	15	12	19.4 -1.1
MMPY	baz=191	Sheldon Lake	84.62	18	IAMB	IAMB	15	01	55.6
MMPY	comp=Z,70nm,1.1s	Sheldon Lake	84.62	18	P	P	15	01	54.2 +0.6
MMPY	baz=220, SNR=65				S	SKSac	15	12	19.1 +1.2
G25K	baz=220	Bearman Lake	84.64	10	P	P	15	01	53.5 -0.1
G25K	comp=Z,2um,20.0s				S	S	15	12	19.1 -1.8
E20K	baz=206	Nigu River	84.65	6	P	P	15	01	54.0 +0.3
E20K	baz=196, SNR=77				S	S	15	12	19.7 -1.4
EGMT	baz=196	Eggleton	84.69	37	IAMB	IAMB	15	01	56.2
EGMT	comp=Z,67nm,1.4s				IAMS_20	IAMS_20	15	33	43.9
EGMT	comp=Z,2um,20.0s	Eggleton	84.69	37	P	P	15	01	54.6 +0.2
I28M	comp=Z,2um,20.0s	Miner Creek	84.69	13	IAMB	IAMB	15	02	01.4
I28M	comp=Z,89nm,1.5s				IAMS_20	IAMS_20	15	35	41.9
I28M	comp=Z,2um,19.0s	Miner Creek	84.69	13	P	P	15	01	54.0 -0.1
I28M	baz=194, SNR=30				S	S	15	12	20.0 -1.7
D19K	baz=212	Kuna River	84.70	5	IAMS_20	IAMS_20	15	35	09.2
D19K	comp=Z,3um,20.0s	Kuna River	84.70	5	P	P	15	01	54.1 +0.2
D19K	baz=194				S	S	15	12	19.3 -2.2
TGNT	baz=194	Hyland Airport	84.73	20	P	P	15	01	54.9 +0.6
TGNT	comp=Z,23nm,1.0s				S	SKSac	15	12	20.2 +1.6
J30M	baz=223	Hart River	84.80	15	IAMB	IAMB	15	01	56.4
J30M	comp=Z,49nm,1.2s	Hart River	84.80	15	P	P	15	01	54.9 +0.2
J30M	baz=215, SNR=35				S	S	15	12	20.9 -2.0
ABTX	baz=215	Abilene, Hawle	84.83	54	IAMS_20	IAMS_20	15	32	37.0
BRDY	comp=Z,3um,20.0s	Brady	84.84	56	IAMB	IAMB	15	02	02.0
735A	comp=Z,65nm,1.5s	Kenedy	84.92	58	IAMS_20	IAMS_20	15	33	40.4
BILL	comp=Z,2um,19.0s	Bilibino	84.94	352	P	P	15	01	54.8 -0.3
BILL	comp=Z,71nm,1.4s				IAMB	IAMB	15	01	56.6
BILL	comp=Z,71nm,1.4s	Bilibino	84.94	352	eP	P	15	01	55.3 +0.2
I29M	comp=Z,54nm,1.3s	Ogilvie Camp	84.98	14	IAMB	IAMB	15	01	56.7
I29M	comp=Z,72nm,1.2s				IAMS_20	IAMS_20	15	33	54.6
I29M	comp=Z,2um,20.0s	Ogilvie Camp	84.98	14	P	P	15	01	55.3 -0.1
I29M	baz=213, SNR=30				S	S	15	12	22.4 -2.1
H27K	baz=213	Steamboat Moun	85.03	12	IAMB	IAMB	15	01	57.6
H27K	comp=Z,64nm,1.4s	Steamboat Moun	85.03	12	P	P	15	01	56.0 +0.4
H27K	baz=210, SNR=46				S	S	15	12	23.2 -1.7
F24K	baz=210	Squaw Lake	85.03	9	IAMB	IAMB	15	02	09.0
F24K	comp=Z,57nm,1.4s				IAMS_20	IAMS_20	15	37	43.6
F24K	comp=Z,3um,19.0s	Squaw Lake	85.03	9	P	P	15	01	56.5 +0.9
F24K	baz=204, SNR=33				S	S	15	12	24.2 -0.7
D20K	baz=204	Etlvuk River	85.05	6	IAMS_20	IAMS_20	15	34	08.6
D20K	comp=Z,2um,20.0s	Etlvuk River	85.05	6	P	P	15	01	55.9 +0.3
E21K	baz=196, SNR=62	Killik River	85.07	7	IAMS_20	IAMS_20	15	34	07.3
E21K	comp=Z,2um,20.0s	Killik River	85.07	7	P	P	15	01	56.0 +0.2
C19K	baz=198	Lookout Ridge	85.17	5	IAMS_20	IAMS_20	15	34	27.6
C19K	comp=Z,2um,20.0s	Lookout Ridge	85.17	5	P	P	15	01	57.0 +0.7
C19K	baz=193, SNR=14				S	S	15	12	24.8 -1.4
KOTAN	baz=193	Kotanelee Air	85.19	22	P	P	15		

15d 14h

Table with columns for station ID, name, elevation, frequency, and various signal quality metrics (I, A, M, B, P, S, LR, etc.).

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Table with columns for station ID, name, elevation, frequency, and various signal quality metrics (G, Y, A, P, M, X, etc.).

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Table with columns for station ID, name, elevation, frequency, and various signal quality metrics (K, M, I, S, P, etc.).

Table with columns for object name, coordinates, magnitude, and other parameters. Includes objects like SAKB Bahrain, KIV Kislovodsk, ERBR Yerezimino-Bor, etc.

Table with columns for object name, coordinates, magnitude, and other parameters. Includes objects like BEBN Eben Emael, MORC Moravsky Berou, PLN Plauen, etc.

Table with columns for object name, coordinates, magnitude, and other parameters. Includes objects like MPLH Magyarpolny, CLF Sakarya, ARSA Arzberg, etc.

IDC 15 10:55:4.4-0.5, 15:52:5.173:08W, h0km, mb4.9/24, mbmp4.9/24, MS5.1/56, Error ellipse: s-maj=17.2km, s-min=14.2km, Az=170.0, P=1.0, q=0.5, e=0.0, i=0.0, Omega=180.0, A=1.0, B=1.0, C=1.0, D=1.0, E=1.0, F=1.0, G=1.0, H=1.0, I=1.0, J=1.0, K=1.0, L=1.0, M=1.0, N=1.0, O=1.0, P=1.0, Q=1.0, R=1.0, S=1.0, T=1.0, U=1.0, V=1.0, W=1.0, X=1.0, Y=1.0, Z=1.0

-0.0300, P1g5.0000", Azm175.0000"; P -2.9400, P1g2.0000", Azm84.0000"; NEIC 15:05:56.3-2.6, 15:85:0.1; 172.9W:0.1, h24km, 4km, m5.3/334, Ms_20.5/460, Mw15.6/17 Error ellipse: s-maj=17.8km s-min=14.0km az=58.0 NOU 15:06:00.0, 15:88S:172.65W, h58km, mb5.1/48, Samoa Islands Region BGR 15:06:00.1, 15:81S:172.20W, h33km, Ms5.4 GCMT 15:06:01.6-0.1, 15:54S:0.01; 172.74W:0.1, h20km, Mw5.6/138, Moment Tensor Solution. s94, c139; s138, c273. Duration: 19.6 Moment tensor: Scale 1017Nm; Nm: M=3.17e-08, Me=0.05e-04; Me=3.12e-05; Mo=0.69e-10; Mo=0.47e-03; Mw=1.52e-08; Best double couple: M3.588000", NP1.9158.0000", R35.00000", A67.00000". NP2.966.00000", R58.00000", A105.00000". Principal axes: T 3.6810, Plg2.0000", Azm312.0000"; N -0.1870, Plg13.0000", Azm178.0000"; P -3.4950, Plg12.0000", Azm85.0000"; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function NEIC 15:06:03.8, 15:70S:172.40W, h30km, Moment Tensor Solution. Duration: 288 Moment tensor: Scale 1017Nm; Mw2.19; Me=0.21; Me=2.41; Me=0.40; Me=0.03; Mw=2.26; Fault plane solution: M=3.50000e+10 NP1: 170.39000", S23.30000", A74.47000". NP2: 172.0000", S67.60000", A96.58000". Principal axes: T 3.1665, Plg67.0000", Azm289.0000"; N 0.1655, Plg6.0000", Azm185.0000"; P -3.3320, Plg22.0000", Azm92.0000". ISC 15:05:54.9-0.3, 15:56S:172.66W, h10km, h10km, n855, s282/374, mb5.3/213, MS5.3/91, 45C-24D, Samoa Islands Region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Contains station lists for AFI, NIUE, FUGATOGA, MSFV, etc., with associated data points.

Main seismic event list table with columns: ID, Station Name, Az, Phase, ID, Time, Res. Lists stations like H1S3, H1S5, PMS1, etc., and their respective data.

Main seismic event list table (continued) with columns: ID, Station Name, Az, Phase, ID, Time, Res. Lists stations like PEAOB, PETK, YBKH, etc., and their respective data.

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Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like P23K Montague Islan, K15K Wolf Creek Mou, CRAC Craig, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like PV20 West Nyswonger, PV13 Radium Mtn., PV16 Nyswonger Mesa, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like BNX comp=Z,31nm,1.0s, O30N Mendall, DLBC Dease Lake, etc.

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like H24K, F20K, D17K, etc.

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like H31M, WHTX, BJLJ, etc.

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like ELIB, ATAH, N38A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAYN Ar Rayn, RAYN Ar Rayn, CLL Collim, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GHAJ, PGAV Gaveira, POLO Lamas de Olo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LCMT Little Creek, K05A Summer Lake, BLYC Blythe, etc.

CRSC 15:15:18.08.3.2.3.50.12N:155.41E,h152km,21km,MM4.7
MOS 15:15:18.10.9.1.2.50.30N:155.32E,h146km,mb3.8/5,Error
ellipse: s-maj=9.9km s-min=4.2km az=69.0
NEIC 15:15:18.12.7.1.2.50.4N:0.1:155.1E,0.2,h143km,8km,
mb4.3/32,Error ellipse: s-maj=22.9km s-min=11.7km
az=132.0
IDC 15:15:18.13.1.0.9.50.48N:155.09E,h144km,6km,mb3.7/21,
mbmp4.2/28,Error ellipse: s-maj=14.8km s-min=8.5km
az=142.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SKR Severo-Kuril's, SKR Severo-Kuril's, SKR SKR, etc.

15d 15h

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Table with columns: Code, Station Name, Az, AZ', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Dease Lake, etc.

BUI 15 15:18:53.3,29.66S:176.03W,h7km,mB5.8/1,mB5.3/2S, M5.3/3,M57 5.0/3
IDC 15 15:18:53.4,0.5,29.89S:176.42W,h0km,mB4.7/15, mbmp4.7/16,M5.2/1,MS4.4/5,Error ellipse: s-maj=18.7km s-min=14.1km az=58.0

MOS 15 15:18:54.0,1.2,29.85S:176.81W,h10km,mB5.3/17, Error ellipse: s-maj=19.4km s-min=12.8km az=59.9

NEIC 15 15:18:55.6,1.3,29.97S:176.46W,h0.9,h10km,1km, mB5.1/50,MW5.2/12,Error ellipse: s-maj=14.3km s-min=9.3km az=109.0

GCMT 15 15:18:57.6,0.5,29.85S:176.99W:0.04,h22km,1km, MW5.1/70,Moment Tensor Solution. s10,c11: s70,c96; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=-6.38e-67; Mw=1.54e-37; Mw0.44e-39; Mw=0.091e-71; Mw=1.52e-21; Mw=-1.97e-54; Best double couple: Mb6.22000e10^16 NP1.0e205.00000e,636.00000e,1-83.00000e. NP2: 0e16.00000e,854.00000e,1-95.00000e. Principal axes: T 5.7240,Plg9.0000e; Azm110.0000e; N 0.9950,Plg4.0000e; Azm19.0000e; P -6.7190,Plg80.0000e; Azm263.0000e;

ISC 15 15:18:56.7,0.3,30.09S:176.44W:0.05,h24km, n283,az209/304,mB5.1/60,MS4.5/5,9C-8D,Kermadec Islands region

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

Main station listing table with columns: Code, Station Name, Az, AZ', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like OPRZ Waipiua Caves, URZ Urewera, URZ Urewera, etc.

Main station listing table with columns: Code, Station Name, Az, AZ', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WBO Warramunga Arr, WBO Warramunga Arr, etc.

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Table with columns: GRNR, Station Name, Frequency, Band, and other technical details. Includes stations like Gornyy, Changchun, Taifan, BinXian, etc.

2020 MAY

Table with columns: Code, Station Name, Frequency, Band, and other technical details. Includes stations like Minsk, Naroch, Malin Array, etc.

15d 15h

Table with columns: Station Name, Frequency, Band, and other technical details. Includes stations like Troy Canyon, Columbia Coile, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HEF, ERTU, KLF, KTK1, etc.

Table with columns: YES, Vestal, Richgr, comp=E, 1.45nm, 0.7s, 2.55 204, IAML, 16 37 11.7. Includes stations like YES, AFDM, BEKR, etc.

Table with columns: VVDA, comp=Z, 1.9nm, 0.8s, IAMB, IAMB, 16 56 11.6. Includes stations like H10S2, H10S3, H10N1, etc.

REN 15:16:20.0.7.1.5, 38.13N.0.01.117.87W.0.01, h0km, 1km, Error ellipse: s-maj=1.8km s-min=1.4km az=61.0

PKD Bear Valley Ra 3.13 225 IAML 16 37 26.6. Includes stations like PKD, MHC, MTPC, etc.

TORD Torodi Ar, Bea 72.99 29 P IAMB IAMB 16 59 10.8 +0.4. Includes stations like TORD, FINES, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NV11, NV06, NV07, etc.

Table with columns: YES, Vestal, Richgr, comp=E, 1.45nm, 0.7s, 2.55 204, IAML, 16 37 11.7. Includes stations like YES, AFDM, BEKR, etc.

NIED 15:16:48:32.5, 40.11N:142:43E, h35km, MW4.2, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm

REN 15:16:35:44.9, 0.8, 38.18N.0.01.117.81W.0.02, h7km, 1km, Error ellipse: s-maj=2.3km s-min=1.6km az=67.0

Q16A Castle Valley 5.25 80 IAML 16 38 32.8. Includes stations like Q16A, L04D, etc.

JMA 15:16:48:32.5, 40.11N:142:43E, h35km, 1km, MD3.9/35, MV4.2/35, NE OFF IWATE PREF

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NV11, NV08, NV09, etc.

Table with columns: YES, Vestal, Richgr, comp=E, 1.45nm, 0.7s, 2.55 204, IAML, 16 37 11.7. Includes stations like YES, AFDM, BEKR, etc.

JMA Felt J1 at NE OFF IWATE PREF, IDC 15:16:48:32.2, 40.11N:142:43E, h35km, 22km, mb3.8/17, mbmp4.1/21, MS3.4/4, Error ellipse: s-maj=20.3km

ISC 15:16:48:31.3, 1.5, 40.11N:0.03:142:48E:0.07, h32km, 9km, n82, r166/79, mb4.3/34, 1C-14D, Near east coast of eastern Honshu

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

NTC	Toucheng	0.76 303	eP	Pn	17 17 59.5 +0.1
NTC			eS	Sn	17 18 09.9 -0.6
NDS	Dongshan	0.77 284	P	Sn	17 17 59.3 -0.3
ILA	ilan	0.78 294	eP	Pn	17 17 59.7 -0.1
ILA			eS	Sn	17 18 11.0 0.0
TIPB	Shuangxi	0.83 309	iP	Pn	17 17 60.0 -0.4
TIPB			S	Sn	17 18 11.1 -1.0
TWE	Neicheng	0.84 289	iP	Pn	17 18 00.2 -0.2
TWE			eS	Sn	17 18 11.6 -0.6
ETHL	Fush Village	0.88 251	eP	Pn	17 18 00.7 -0.3
ETHL			eS	Sn	17 18 11.4 -0.2
SX11	Grass Mountain	0.88 317	P	Pn	17 18 00.7 -0.4
SX11			eS	Sn	17 18 12.4 -0.9
NACB	Ninganchiao	0.90 253	iP	Pn	17 18 00.8 -0.4
NACB			eS	Sn	17 18 12.8 -0.8
ENITT	Nioudou	0.90 283	eP	Pn	17 18 01.6 -0.3
ENITT			eS	Sn	17 18 14.0 +0.3
FUSB	Fushanzhiwuyua	0.92 290	iP	Pn	17 18 01.6 +0.1
FUSB			S	Sn	17 18 13.3 -0.8
LATG	Datong	0.92 276	eP	Pn	17 18 02.0 +0.3
LATG			eS	Sn	17 18 14.7 +0.3
NWF	Wu-fen Shan	0.93 312	iP	Pn	17 18 01.4 -0.2
NWF			S	Sn	17 18 13.1 -1.3
WFSB	Wu-fen Shan	0.93 312	P	Pn	17 18 01.4 -0.1
WFSB			S	Sn	17 18 13.3 -0.9
TWD	Chiawan	0.93 247	iP	Pn	17 18 01.2 -0.4
TWD			eS	Sn	17 18 13.5 -0.8
NDT	Datong Townshi	0.94 280	P	Pn	17 18 01.2 -0.2
NDT			S	Sn	17 18 15.4 +0.8
TNOU	National Taiwan	0.98 316	P	Pn	17 18 02.0 -0.4
TNOU			S	Sn	17 18 14.7 -0.9
EWLH	Xiulin Townshi	0.99 256	eP	Pn	17 18 02.2 -0.3
EWLH			eS	Sn	17 18 13.2 -0.7
NTLW	Wulai	0.99 290	iP	Pn	17 18 02.7 +0.2
NTLW			S	Sn	17 18 15.4 -0.5
TWA	Mucha	1.01 302	iP	Pn	17 18 02.8 0.0
TWA			eS	Sn	17 18 15.8 -0.5
TEYL	Yanliu Villag	1.03 236	eP	Pn	17 18 02.7 -0.2
TEYL			eS	Sn	17 18 16.1 +0.2
NNSB	Datong	1.05 269	iP	Pn	17 18 03.3 0.0
NNSB			S	Sn	17 18 17.2 -0.1
NHND	Xindian Distri	1.05 300	iP	Pn	17 18 03.5 +0.3
NHND			eS	Sn	17 18 16.5 -0.6
NHY	Taipei	1.06 304	eP	Pn	17 18 03.5 +0.3
NHY			S	Sn	17 18 17.7 -0.1
NNS	Nan Shan	1.06 270	eP	Pn	17 18 03.4 0.0
NNS			eS	Sn	17 18 17.2 -0.3
NMS	Tongmen	1.06 244	eP	Pn	17 18 02.8 -0.6
NMS			eS	Sn	17 18 15.8 -1.6
YHM	Yeheng	1.08 282	iP	Pn	17 18 04.6 +0.6
YHM			S	Sn	17 18 18.3 +0.4
NSK	Sanguang	1.09 282	iP	Pn	17 18 04.3 +0.4
NSK			S	Sn	17 18 18.1 -0.2
IRIF	Iriomote-Funau	1.10 96	P	Pn	17 18 03.9 +0.2
IRIF			eS	Sn	17 18 18.5 +0.4
SHUL	Shoufeng	1.10 234	P	Pn	17 18 03.2 -0.1
SHUL			S	Sn	17 18 18.2 -0.1
TAP	Taipei	1.11 303	P	Pn	17 18 04.0 +0.1
TAP			eS	Sn	17 18 18.3 -0.1
LXIB	Xiulin Townshi	1.11 248	eP	Pn	17 18 03.9 -0.2
LXIB			eS	Sn	17 18 18.0 -0.5
YM01	YM01	1.12 309	P	Pn	17 18 04.0 +0.1
YM01			S	Sn	17 18 18.4 -0.4
YM08	YM08	1.13 311	eP	Pn	17 18 04.0 -0.3
YM08			eS	Sn	17 18 17.2 -1.9
ZUZH	Zhuzhiu	1.15 309	eP	Pn	17 18 04.2 -0.3
ZUZH			eS	Sn	17 18 17.7 -0.7
TEGC	Jichi Village	1.17 231	eP	Pn	17 18 04.7 0.0
TEGC			eS	Sn	17 18 19.1 -0.7
ANP	Anpu	1.18 309	eP	Pn	17 18 05.1 +0.1
ANP			eS	Sn	17 18 20.0 -0.3
TWY	Chenhua	1.19 314	eP	Pn	17 18 04.7 -0.3
TWY			eS	Sn	17 18 19.9 +1.0
ESL	Shilin	1.19 238	eP	Pn	17 18 04.4 -0.6
ESL			S	Sn	17 18 19.4 -0.9
FUSH	Fushou	1.19 261	eP	Pn	17 18 06.0 +0.7
FUSH			eS	Sn	17 18 21.1 +0.3
WHF	Hehuan Shan	1.20 256	P	Pn	17 18 05.2 -0.3
WHF			eS	Sn	17 18 19.4 -0.1
PNG	Kuangyingshan	1.21 303	iP	Pn	17 18 05.5 +0.2
PNG			S	Sn	17 18 20.9 +0.1
NTST	Danshui	1.22 306	eP	Pn	17 18 05.7 +0.3
NTST			eS	Sn	17 18 21.3 +0.3
HATJ	Hateruma jima	1.22 108	P	Pn	17 18 05.0 -1.2
HATJ			eS	Sn	17 18 21.3 -0.7
PCYT	Pengchayiu	1.25 340	eP	Pn	17 18 06.7 +0.8
PCYT			eS	Sn	17 18 21.7 -0.1
TWT	Tachien	1.25 261	eP	Pn	17 18 07.1 +1.0
TWT			eS	Sn	17 18 22.1 -0.1
TDW	Techi	1.27 262	eP	Pn	17 18 05.0 -1.2
TDW			eS	Sn	17 18 21.3 -0.7
WARBT	Fenglin Townsh	1.28 236	P	Pn	17 18 21.3 -1.1
WARBT			eS	Sn	17 18 07.3 +1.1
KSHI	Guanxi Townshi	1.28 285	eP	Pn	17 18 24.4 +1.9
KSHI			eS	Sn	17 18 24.4 +1.9
NFF	Wufeng Townshi	1.30 278	eP	Pn	17 18 07.2 +0.6
NFF			eS	Sn	17 18 24.5 0.0
NCUH	Zhongli	1.33 293	P	Pn	17 18 06.2 0.0
NCUH			S	Sn	17 18 24.4 +0.6
OWD	Renai	1.33 249	iP	Pn	17 18 06.8 -0.2
OWD			eS	Sn	17 18 22.8 -1.2
JKRS	Kuro-shima	1.36 98	P	Pn	17 18 08.0 +0.7
JKRS			eS	Sn	17 18 25.7 +1.1
WUSB	Renai	1.37 251	iP	Pn	17 18 07.8 +0.2
WUSB			eS	Sn	17 18 24.8 -0.1
LIOB	Emei	1.40 279	iP	Pn	17 18 08.6 +0.8
LIOB			S	Sn	17 18 26.0 +0.6
NSIT	Nanjuang	1.41 278	P	Pn	17 18 08.5 +0.6
NSIT			eS	Sn	17 18 25.1 +0.5
EHYH	Wanrong	1.44 229	P	Pn	17 18 08.6 +0.2
EHYH			eS	Sn	17 18 25.5 -1.0
WVDT	WVDT	1.45 242	eP	Pn	17 18 08.7 +0.2
WVDT			eS	Sn	17 18 25.2 -1.4
EHY	Hungye	1.45 230	eP	Pn	17 18 08.5 +0.9
EHY			eS	Sn	17 18 25.2 +0.9
SBCB	Hsinchu	1.45 284	eP	Pn	17 18 09.8 +1.1
SBCB			eS	Sn	17 18 28.2 +1.3
HSN	Hsinchu	1.47 284	eP	Pn	17 18 09.1 +0.3
HSN			eS	Sn	17 18 27.3 +0.3
JJI	Ishigaki jima	1.47 93	S	Pn	17 18 08.0 0.0
JJI			eS	Sn	17 18 26.7 -0.4
ECBN	Changbin	1.50 222	eP	Pn	17 18 08.9 -0.3
ECBN			S	Sn	17 18 26.2 -1.6
WCS	Beigang Elemen	1.53 256	P	Pn	17 18 10.4 +0.8
WCS			eS	Sn	17 18 29.7 +1.1
YULB	Yuli	1.54 227	eP	Pn	17 18 09.2 -0.5
YULB			eS	Sn	17 18 27.4 -1.5
EYUL	Yuli	1.56 226	eP	Pn	17 18 09.9 -0.1
EYUL			eS	Sn	17 18 29.0 -0.2
TWF1	Yuli	1.57 226	eP	Pn	17 18 09.7 -0.5
TWF1			eS	Sn	17 18 27.9 -1.8
SSLB	Suanglung	1.58 246	P	Pn	17 18 10.6 +0.2
SSLB			eS	Sn	17 18 29.6 -0.4
NMLL	Miaoili	1.59 274	eP	Pn	17 18 11.6 +1.2
NMLL			eS	Sn	17 18 31.1 +0.6
SMLT	Sun Moon Lake	1.59 250	eP	Pn	17 18 30.1 -0.2
SMLT			eS	Sn	17 18 31.9 +1.2
TWO1	Liyutan	1.61 267	iP	Pn	17 18 31.6 +1.2
TWO1			eS	Sn	17 18 31.6 +1.2
TYC	Yuchr	1.62 251	eP	Pn	17 18 11.9 +1.1
TYC			eS	Sn	17 18 30.8 +0.1
JISG	Ishigakijimahi	1.62 85	P	Pn	17 18 11.0 +0.2
JISG			eS	Sn	17 18 30.5 -0.3
CHKH	Chenggong	1.63 220	eP	Pn	17 18 11.0 +0.1
CHKH			eS	Sn	17 18 28.1 -2.8
FULB	Fuli	1.68 223	eP	Pn	17 18 11.2 -0.5
FULB			eS	Sn	17 18 30.7 -1.5
WHYT	Xinyi Township	1.71 244	iP	Pn	17 18 13.0 +0.9
WHYT			eS	Sn	17 18 33.4 +0.5
CHKT	Chengkung	1.71 219	eP	Pn	17 18 11.4 +0.1
CHKT			eS	Sn	17 18 29.7 -3.2
TCU	Taichung	1.72 260	eP	Pn	17 18 12.3 +0.1
TCU			eS	Sn	17 18 34.2 +1.1
WDJ	Dajia District	1.73 267	eP	Pn	17 18 13.4 +1.1
WDJ			eS	Sn	17 18 34.1 +1.1
WJS	Zhushan	1.76 250	eP	Pn	17 18 14.6 +1.9
WJS			eS	Sn	17 18 36.0 +1.8
EHD	Haiduan	1.77 224	eP	Pn	17 18 12.2 -0.7
EHD			eS	Sn	17 18 32.8 -1.6
WNT	Mingjian	1.78 252	eP	Pn	17 18 15.1 +2.1
WNT			eS	Sn	17 18 36.7 +2.1

ECS	Chishang	1.81 222	eP	Pn	17 18 13.5 +0.2
ECS			eS	Sn	17 18 35.3 +0.1
ALS	Alishan	1.83 240	P	Pn	17 18 15.3 +1.3
ALS			eS	Sn	17 18 37.2 +0.9
WCHH	Zhanghua	1.84 259	eP	Pn	17 18 14.7 +0.9
WCHH			eS	Sn	17 18 37.7 +0.7
WCH1	Changhua City	1.85 259	eP	Pn	17 18 15.6 +1.7
WCH1			eS	Sn	17 18 37.2 +1.0
ELDTW	Lidau	1.87 228	P	Pn	17 18 13.9 -0.4
ELDTW			S	Sn	17 18 35.5 -1.4
CHNS	Tsuling	1.90 244	eP	Pn	17 18 16.3 +1.6
CHNS			eS	Sn	17 18 37.4 +1.1
WKG	Gulengk	1.96 248	eP	Pn	17 18 17.6 +2.2
WKG			eS	Sn	17 18 41.1 +2.3
WDL	Douliou City	1.96 249	eP	Pn	17 18 17.5 +2.1
WDL			eS	Sn	17 18 41.6 +2.6
WDLH	Douliu	1.97 248	eP	Pn	17 18 17.7 +2.1
WDLH			eS	Sn	17 18 41.2 +2.0
JTJ	Tarama	1.98 84	P	Pn	17 18 16.7 +1.0
JTJ			S	Sn	17 18 40.0 +0.5
LONT	Longtian	2.00 220	eP	Pn	17 18 15.4 -0.6
LONT			eS	Sn	17 18 37.9 -2.4
LDUT	Ludao	2.02 209	eP	Pn	17 18 15.3 -0.8
LDUT			eS	Sn	17 18 39.7 -2.4
WCKO	Fanlu	2.03 241	eP	Pn	17 18 18.4 +2.0
WCKO			S	Sn	17 18 42.7 +2.0
WRL	Guolierlin Hig	2.04 255	eP	Pn	17 18 17.2 +0.7
WRL			eS	Sn	17 18 41.2 +0.3
STVH	Taoyuan	2.05 232	eP	Pn	17 18 17.5 +0.9
STVH			eS	Sn	17 18 40.4 +0.4
TPUB	Ta-yu	2.08 237	P	Pn	17 18 18.8 +1.7
TPUB			S	Sn	17 18 43.5 +1.6
TWGBT	Beinan	2.10 220	eP	Pn	17 18 17.1 -0.2
TWGBT			eS	Sn	17 18 40.2 -2.2
TWGB	Pinlang	2.10 220	eP	Pn	17 18 17.7 -0.7
TWGB			eS	Sn	17 18 39.7 -2.7
WTK	Tuku	2.10 249	eP	Pn	17 18 18.7 +1.4
WTK			S	Sn	17 18 44.1 +1.8
WTP	Ta-yu	2.12 236	eP	Pn	17 18 19.5 +1.8
WTP			eS	Sn	17 18 44.9 +1.8
WTF	Ta-ch'eng	2.14 255	eP	Pn	17 18 20.3 +1.5
WTF			eS	Sn	17 18 45.2 +2.3
CHY	Chiayi	2.15 244	eP	Pn	17 18 20.4 +1.9
CHY			eS	Sn	17 18 47.1 +2.0
TKW	Hsiinying	2.21 238	eP	Pn	17 18 21.6 +2.5
TKW			eS	Sn	17 18 47.1 +2.0
CHNI	Nanshi	2.23 236	eP	Pn	17 18 21.6 +2.5
CHNI			eS	Sn	17 18 47.1 +2.0
SLGT	Liugui	2.25 231	eP	Pn	17 18 21.1 +1.6
SLGT			eS	Sn	17 18 48.4 +2.2
WSF	Szhu	2.26 250	eP	Pn	17 18 20.6 +1.1
WSF			eS	Sn	17 18 47.3 +1.1
WSL	Shuilin Townsh	2.3			

REN 15 17:38:16.9,1.0,38.15N,0.01:118.02W,0.03,h14km,7km, Error ellipse: s-maj=3.3km s-min=1.9km az=74.0

NEIC 15 17:38:17.2,0.8,38.18N,117.92W,h0km,mb3.3/1, mbtmp3.2/4,ML3.3/2,Error ellipse: s-maj=7.9km s-min=5.2km az=22.0

ISC 15 17:38:17.0,1.1,38.15N,0.01:118.03W,0.02,h10km, ML3.5/192,ML3.3/4(REN),Error ellipse: s-maj=3.5km s-min=2.3km az=251.0

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their data points.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their data points.

REN 15 17:46:48.5,11.0,38.48N,24.99E,h0km,mb3.7/4, mbtmp3.6/5,ML3.8/1, Error ellipse: s-maj=212.5km s-min=57.2km az=42.0

ATH 15 17:47:00.2,0.9,34.21N,25.68E,h15km,ML2.6/6, Latitude uncertainty: 6 km; Longitude uncertainty: 3 km

ISC 15 17:46:57.8,1.7,34.1N,0.1:25.71E,0.05,h17km,n17, 0.659,20,mb3.6/4,Crete

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their data points.

REN 15 17:49:12.7,1.0,38.16N,0.01:117.94W,0.02,h0km,1km, Error ellipse: s-maj=2.0km s-min=1.6km az=76.0

NEIC 15 17:49:12.7,0.8,38.18N,0.01:117.96W,0.02,h5km,1km, ML3.7/74,ML3.3/12(REN),Error ellipse: s-maj=2.9km s-min=2.5km az=78.0,Nevada

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their data points.

NEIC 15 17:50:16.1,2.0,38.21N,0.01:117.81W,0.01,h5km,1km, mb4.4/34,ML4.4/166,Mw4.3/81,ML4.7/77(REN),Error ellipse: s-maj=2.9km s-min=2.7km az=35.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mrr=1.07; Mss=0.86; Mss=1.92; Mss=0.97; Mss=3.21; Mrr=0.12; Fault plane solution: M03.74000x10^15 NPT; 0.349,98000; 0.71,27000; -1,167,81000; NP2: 0.256,01000; 0.78,46000; -1,19,13000; Principal axes: P - 4.064, P1g=0.000; Azm304.0000; N - 0.7553, P1g6.0000; Azm46.0000; P - 3.3090, P1g22.0000; Azm212.0000

REN 15 17:50:16.9,2.0,38.17N,0.02:117.83W,0.02,h6km,4km Error ellipse: s-maj=2.8km s-min=1.1km az=216.0

NEIC 15 17:50:16.5,38.19N,117.83W,h5km Error ellipse: s-maj=8.8km s-min=4.9km az=24.0

ISC 15 17:50:16.9,1.1,38.19N,0.02:117.83W,0.02,h7km,8km, n179,01920/141,mb4.2/14,MS3.8/42,Nevada

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various seismic stations and their data points.

Table with columns: Station, Name, Time, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like MDYM Dry Creek, MDPB Devils Postpil, MDPB Tinemaha, etc.

Table with columns: Station, Name, Time, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like ELS Elsinore Mount, BGR Big Grassy Mout, BGRU comp=N,357nm,1.3s, etc.

Table with columns: Station, Name, Time, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like SJK San Juan, SUMO Summit, SDV Santo Domingo, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like LABuhun Bajo, Waikabubu, Su, Kabupaten Domp, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station-specific data. Includes stations like KEVO, ARCES, NOA, YAK, NC204, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station-specific data. Includes stations like SAUI, BNDI, FITZ, WRA, DAV, COEN, QIS, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station-specific data. Includes stations like O14K, K15K, M17K, J17K, L19K, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station-specific data. Includes stations like MMR1, SOEI, BATI, WSI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station-specific data. Includes stations like WBO, WRA, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station-specific data. Includes stations like SDH, MPM, PEAR, etc.

Table with columns: SHPR, GSC, GSC, GSC, PKD, PKD, PKD, MHC, MHC, MHC, ELK, O03E, O03E, O03E, CCUT, LCMT, DUG, PKCU, MTFPU, PV10. Includes station names like Goldstone, Bear Valley, Mount Hamilton, Elko, Paynes Creek, Cedar City, Little Creek, Dugway, Pink Cliffs, Mount Johnson, Paradox Valley.

REN 15:18:52:41.3:1.3,38:17N:0.01:117.86W:0.02,h9km,8km, Error ellipse: s-maj=2.0km s-min=1.6km az=66.0 NEIC 15:18:52:41.6:1.1,38:18N:0.01:117.85W:0.01,h5km,1km, ML3.5/90,Mwr3.5/22,ML3.8/8(REN),Error ellipse: s-maj=2.9km s-min=2.0km az=155.0,Moment Tensor Solution, Moment tensor: Scale 10^14Nm; Mw=0.48; Ms=1.04; Ms=0.55; Mw=0.18; Mw=1.17; Mw=1.37; Fault plane solution: M2:0.20000x10^14 NP1:0.280,950000, 546.840000,-14.910000, NP2:0.21,27000,-879,180000, -135.860000; Principal axes: T 1.9454,Plg21.0000, Azm144.0000; N 0.1443,Plg45.0000, Azm32.0000; P -2.0897,Plg38.0000, Azm251.0000; Nevada

Main station list table for Nevada. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NV11, NV08, NVAR, NV09, LHV, LHM, LHT, LHW, TVH1, TVH1, DSP, DSP, Q09A, Q09A, Q09A, Q09A, KVN, KVN, LCH, LCH, MCBM, GMM, GMM, MDYP, MDYP, MDPB, TIN, GRAC, WAKR, WAKR, WAKR, WAKR, KCC, PNTR, WCT, WCT, S11A, TPNV, TPNV, PAHR, PAHR, SDH, CMB, CMB, MPK, AMDN, PEAR, GWY, GWY, DONR, CLC, VESTA, ISA, ISA, CCA, CCA, ELK, ELK, CCUT, CCUT, CCUT, OSI, OSI, MNRC, MNRC, MNRC, LCMT, HATC, HATC, HATC, DANC, TCRU, DUG, PKCU.

Table with columns: N02D, PMD, PFO, YBH, BLYC, BLYC, GLA, HLID, H13A, PV05. Includes station names like Trinity Center, Palm Desert, Pinyon Flats, Big Chuckwall, Yreka Blue Hor, Blythe, Glamis, Hailey, Mohawk Valley, Paradox Valley.

REN 15:18:56:14.2:4.8,38:25N:0.02:117.90W:0.02,h9km,8km, Error ellipse: s-maj=2.5km s-min=2.3km az=132.0 NEIC 15:18:56:11.4:1.7,38:17N:0.02:117.84W:0.02,h10km,2km, ML3.2/60,ML3.3/13(REN),Error ellipse: s-maj=3.1km s-min=3.1km az=321.0,Nevada

Main station list table for Nevada (continued). Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NV08, NV11, NVAR, NV09, LHV, LHM, LHT, LHW, TVH1, TVH1, DSP, DSP, Q09A, Q09A, KVN, KVN, LCH, LCH, MCBM, GMM, GMM, MDYP, MDYP, MDPB, TIN, GRAC, WAKR, WAKR, WAKR, WAKR, KCC, PNTR, WCT, WCT, S11A, TPNV, TPNV, PAHR, PAHR, SDH, CMB, CMB, MPK, AMDN, PEAR, GWY, GWY, DONR, CLC, VESTA, ISA, ISA, CCA, CCA, ELK, ELK, CCUT, CCUT, CCUT, OSI, OSI, MNRC, MNRC, MNRC, LCMT, HATC, HATC, HATC, DANC, TCRU, DUG, PKCU.

NEIC 15:19:05:08.8,38:20N:0.11:117.74W,h5km, Error ellipse: s-maj=2.3km s-min=1.5km az=97.0,Moment Tensor Solution, Moment tensor: Scale 10^14Nm; Mw=1.30; Ms=0.84; Ms=3.46; Mw=1.03; Mw=2.52; Mw=1.31; Fault plane solution: M4:9.70000x10^14 NP1:12.210000, 551.950000,-11.950000, NP2:230.440000, 844.890000,-60.830000; Principal axes: T 5.0250, Plg4.0000, Azm120.0000; N -0.1139, Plg20.0000, Azm29.0000; P -4.9111, Plg70.0000, Azm220.0000; Nevada

Main station list table for Nevada (continued). Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NV11, NV08, NVAR, NV09, LHV, LHM, LHT, LHW, TVH1, TVH1, DSP, DSP, Q09A, Q09A, Q09A, KVN, KVN, LCH, LCH, MCBM, GMM, GMM, MDYP, MDYP, MDPB, TIN, GRAC, WAKR, WAKR, WAKR, WAKR, KCC, PNTR, WCT, WCT, S11A, TPNV, TPNV, PAHR, PAHR, SDH, CMB, CMB, MPK, AMDN, PEAR, GWY, GWY, DONR, CLC, VESTA, ISA, ISA, CCA, CCA, ELK, ELK, CCUT, CCUT, CCUT, OSI, OSI, MNRC, MNRC, MNRC, LCMT, HATC, HATC, HATC, DANC, TCRU, DUG, PKCU.

Main station list table for Nevada (continued). Columns: MPK, MPK, CMB, AMDN, MPMC, MPMC, MPK, GWY, PRN, QSM, QSM, CLC, CLC, BEKR, AFDM, SHPR, CCA, LRMC, LRMC, LRMC, PSUT, PSUT, GSC, GSC, ELK, ELK, ELK, ORV, PMPB, PMPB, MHC, MHC, PKD, PKD, SUTB, SUTB, SUTB, CCUT, CCUT, CCUT, SZCU, SZCU, SZCU, CVS, CVS, CVS, LCMT, LCMT, LCMT, O03E, O03E, O03E, MNRC, MNRC, HATC, HATC, HATC, KNB, KNB, KNB, W13A, W13A, W13A, BGU, BGU, BGU, IRM, IRM, IRM, U15A, U15A, PFO, PFO, KHBM, BC3, BC3, SPUT, SPUT, M02C, K05A, K05A, K05A, BORC, BORC, Q16A, Q16A, Q16A, YBH, BLYC, L04D, L04D, L04D, HMU, P17A, SRU, GLA, WUJZ, Y14A, HLID, P18A, BMO, BMO, PV05, PV05, PV16, PV16, PV13, PV13. Includes station names like Amargosa, Manual, Greenwater, Forest Hills, Sheer Canyon, Laurel Mtn, Goldstone, Carvers, Kaiserville, Gold Mountain, Casa Benchmark, Dry Creek, Devils Postpil, Tinemaha, Grapevine Rang, Walker, Pine Nut, Wildcat Mouta, Rachel, Topopah Spring, Pah Rah Range, Columbia Cole, Manual Prospec, Greenwater Val, Queen of Sheba, Oroville, China Lake, Isabella, Lake, Beckworth, Chr Cany lake, Paradox Valley, Shurtz Canyon, Carmet Viney, Little Creek M, Little Creek M, McLaughlin Min, North Rim, Pinyon Flats, Hayfork Bally, Big Chuckwall, South Promont, Summer Lake, Borrego Spring, Castle Valley, Yreka Blue Hor, Blythe, Klamath Falls, Henry Mountain, Butcher Ranch, San Rafael Swe, Glamis, Wusupki, Wickenburg, Hailey, Preston Nutter, Blue Mountains, Red Mountain, Paradox Valley, Nyswonger Mesa, Paradox Valley, Radium Mtn., P.

15Z 20h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SZCU, HATC, LCMT, TCRU, etc.

RSNC 15:20:09.08:5.0, 0.7°N, 1.7°W, h148km, 2km, M2.5, ML2.2
FUNV 15:20:09.11: 0.7, 2.2N, 7.3, 1.8W, h28km, MW3.0, Presumed earthquake

ISC 15:20:09.05: 1.3, 6.89N, 0.04, 73.06W, 0.05, h164km, 9gkm, n21, c1566/41, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BARC, PAMC, BRUC, RUSC, etc.

IDC 15:20:13: 46.5, 2.3, 1.56N, 127.34E, h0km, mb3.5/4, mbhm3.5/4, Error ellipse: s-maj=227.6km s-min=22.7km

DJA 15:20:13: 58.0, 0.3, 1.1°N, 3.1°W, h54km, 6km, M3.8/13, mb4.7/3, MLV3.3/13

ISC 15:20:13: 57.3, 1.2, 1.44N, 102.08, 127.2E, 0.1, h103km, n11, c1561/11, mb3.4/4, Halmaheira

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TINTI, MNI, SGSI, etc.

SSNC 15:20:16: 03.8, 0.7, 18.12N, 71.69W, h7km, 6km, MD3.3, ML2.5, Presumed earthquake

SDD 15:20:16: 06.9, 2.3, 19.79N, 71.11W, h12km, 8km, MD2.9, ML2.6, MW3.1, Presumed earthquake Hypocentre not reviewed by the ISC

OSPL 15:20:16: 06.2, 1.3, 19.81N, 71.17W, h12km, 13km, ML2.9, 15C-7D, Presumed earthquake, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LOPP1, LUDR, MADR, etc.

2020 MAY

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LODA1, SDDR, SDRR, etc.

JMA 15:20:46: 50.0, 0.3, 42.6N, 0.8, 139.9E, h216km, 2km, MW3.2/32, SW OFF HOKKAIDO

SKHL 15:20:46: 52.9, 0.3, 42.70N, 139.60E, h225km, 9km, mb4.3/4, msh5.4/4

IDC 15:20:46: 53.5, 6.4, 42.30N, 139.02E, h254km, 100km, mb3.9/3, mbmp3.9/10, Error ellipse: s-maj=95.8km s-min=19.1km az=180.0

ISC 15:20:46: 50.4, 0.8, 42.60N, 0.06, 139.15E, 0.07, h200km, n30, c2511/35, mb3.7/9, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JHST, JOSM, JOSH, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BO01, MT01, BO04, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like El Pedregal, Cerro Coronel, Tololo Observa, Rodeo, Juntas del Tor, Valle Fertil, Chepes, Las Campanas.

NEIC 15 20:54:04.0, 4.9, 49.1N, 0.1, 153.5E, 0.2, h129km, 7km, mb4.2/50, Error ellipse: s-maj=18.9km s-min=9.9km az=153.0

KRSC 15 20:54:04.5, 1.7, 48.29N, 156.41E, h40km, 41km, M4.5 MOS 15 20:54:04.0, 1.1, 49.03N, 153.62E, h148km, mb3.9/4, Error ellipse: s-maj=14.5km s-min=4.7km az=65.9

IDC 15 20:54:05.4, 2.5, 49.06N, 153.53E, h142km, 22km, mb3.6/22, mbtmp4.0/24, MS2.1/1, Error ellipse: s-maj=16.6km s-min=11.2km az=144.0

ISC 15 20:54:04.7, 0.5, 49.03N, 153.65E, 0.07, h140km, n148, s1924/165, mb4.1/47, Kuril Islands

Main station list table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Severo-Kuril's, Pauzhetka, Asacha, Petropavlovsk, etc.

Main station list table with columns: D20K, Station Name, Az, El, P, S, Time, Res. Includes stations like Etivluk River, WAKE ISLAND, WAKE ISLAND, etc.

Main station list table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Mathiasis, Mount Meron Ar, Norcia, etc.

REN 15 20:54:11.8, 1.8, 38.16N, 0.01, 117.97W, 0.02, h7km, 4km, Error ellipse: s-maj=2.1km s-min=1.4km az=70.0

NEIC 15 20:54:11.8, 1.7, 38.16N, 0.01, 117.98W, 0.02, h7km, 4km, M2.3-3/106, ML3.6/6(REN), Error ellipse: s-maj=2.1km s-min=1.5km az=70.0, Nevada

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Mina Array Sit, Grapevine Rang, Kaiser Creek, etc.

Table with columns: PB02, IPOC Station P, 0.85 258, I P, Pn, 21 27 08.2 +0.4, 21 27 24.1 +0.2, 21 27 25.3, etc.

IDC 15 21:27:06.8, 1.0, 36:18N, 140:87E, h0km, mb3.77, mbmp3.89, ML3.7/2, MS2.8/2, Error ellipse: s-maj=27.5km, s-min=18.8km, az=63.0

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

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

Table with columns: INU, Inuyama, 3.32 254, S, S, 21 28 43.0 +2.2, 21 28 19.8 +1.2, 21 28 20.1 +1.5, etc.

NEIC 15 21:29:16.4, 1.2, 38:20N, 0:01:117.84W, 0:02, h10km, 2km, ML3.1/38, ML2.5/6(REN), Error ellipse: s-maj=3.1km, s-min=2.8km, az=71.0, Nevada

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

REN 15 21:29:43.1, 0.2, 38:187N, 0:00:117.95W, 0:02, h6km, 2km, ML3.5/21, Error ellipse: s-maj=0.0km, s-min=0.0km, az=90.0

NEIC 15 21:29:43.0, 1.9, 38:20N, 0:01:117.95W, 0:02, h5km, 1km, ML3.2/126, Error ellipse: s-maj=3.0km, s-min=2.8km, az=67.0, Nevada

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

Table with columns: PNTR, comp=N, 296nm, 0.5s, IAML, 21 30 39.2, 1.57 305, 1.75 143, etc.

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

DJA 15 21:32:15.6, 0.3, 6:3, 10:4E, h10km, M4.5/42, mB5.0/1, mb4.5/16, MLv4.4/42, Mw(mB)4.3/1

NEIC 15 21:32:17.0, 1.6, 6:46S, 0:09:103.51E, 0:08, h29km, 5km, mb4.5/36, Error ellipse: s-maj=14.1km, s-min=9.3km, az=213.0

IDC 15 21:32:19.9, 0.8, 6:22S, 103:79E, h47km, 5km, mb4.0/18, mbtmp4.3/19, MS2.9/3, Error ellipse: s-maj=27.2km, s-min=11.5km, az=47.0

ISC 15 21:32:16.7, 0.5, 6:53S, 0:08:103.50E, 0:06, h35km, n122, 0:136/116, mb4.5/33, MS4.6/3, 1C, Southwest of Sumatra

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

15d 22h

Table with columns for station ID, name, elevation, frequency, and signal strength. Includes stations like ULM, SPMN, CRAG, R40A, P40A, T35M, U33K, L40A, EPLO, UALR, N41A, E38A, T42A, I40A, L40A, LCAR, S34M, JFWS, EYMN, L42A, S32K, O44A, R33M, WTLY, TBO, BESE, M44A, P33M, WVT, TGTN, PLBC, T47A, YKAW1, YKA, YKA3, N32M, WHY, P29M, P30M, O30N, O30N, J47A, FCC, MPMY, N31M, E46A, PINN, M31M, M31M, N30M, YUK4, O28M, BRWY, MESA, YUK8, M30M, ACSO, M29M, M29M, YKL, YKL, KAIM, CRQE, L29M, L29M, BMRM, K29M, K29M, M27K, EYAK, J30M, J30M, J30M.

2020 MAY

Table with columns for station ID, name, elevation, frequency, and signal strength. Includes stations like M26K, L27K, DAWY, GLI, CMIG, I30M, I30M, H31M, HARP, M24K, SADO, KDAK, BRSE, SCRK, SCRK, SMI, SLL, I28M, I28M, O56A, EPYK, RIDG, G31M, RC01, PMR, WAT6, H29M, K24K, DHY, F31M, G30M, I27K, Q19K, WAT1, O20K, G29M, J25K, F30M, F30M, H27K, SPCR, HDA, Q18K, INK, INK, C36M, SKT, L22K, MCK, ILAR, ILAR, R17L, G27K, G27K, PRP, PRP, PRP, WRH, WRH, CCB, CCB, P18K, F28M, F28M, J57A, POKR, M20K, N19K, NEA2, E29M, PPLA, G26K, BPAW, BPAW, BPAW, CHNA, M19K, I23K, H24K, N18K, E28M, E27K, G25K, TRQ, CHUM, BMAR, L19K.

Table with columns for station ID, name, elevation, frequency, and signal strength. Includes stations like P16K, F26K, G24K, H23K, SDPT, D28M, N17K, O16K, K20K, K20K, F25K, APG, I21K, I21K, I21K, D27M, E25K, M17K, M17K, J20K, L18K, H22K, H22K, F24K, G23K, N16K, H21K, J19K, M16K, L17K, E24K, C27K, G22K, IMAR, K17K, K17K, O14K, E23K, L16K, H20K, D25K, G21K, M15K, C26K, F22K, TOLK, D24K, F21K, H19K, H19K, I62A, M14K, L15K, D23K, C24K, H18K, J16K, K15K, G19K, F20K, L14K, I17K, C23K, G18K, H17K, F19K, E19K, E20K, G17K, C21K, F18K, H16K, K13K, B21K, D20K, B22K, M11K, D19K, F17K, E18K, G15K, E17K, B20K, SCHQ, SCHQ, SCHQ.

15d 22h

Table with columns: LCMT, Little Creek M, 3.76 107, IAML, 22 27 09.4, etc. Includes various station names and coordinates.

CATAC 15 22:42:00.4+0.8, 1°S 7°8'1W, h1km, M4.2/11, mb4.3/5, mb4.7/2, MLv4.2/11, Mw(mb)4.0/2, Error ellipse: s-maj=1.5, s-min=0.7, km az=11.7, conf=16.0

Code Station Name Az Az2 Phase ID Time Res h m s ISC

Main table listing station names, coordinates, and seismic data for stations across Ecuador and other regions.

2020 MAY

Table listing stations like GARC Garzon, Huila, 5.95 59 P, Pn, 22 43 32.3+1.3, etc.

IDC 15 22:43:43.1+1.2, 34°03'N 25°77'E, h0km, mb3.6/8, mbmp3.5/13, ML3.5/5, Error ellipse: s-maj=23.4km s-min=16.9km az=17.0

ISK 15 22:43:45.6, 34°12'N 25°67'E, h1km, ML2.7/19, ATH 15 22:43:47.9, 34°30'N 25°60'E, h7km, 2km, ML2.6/8, Latitude uncertainty: 2 km, Longitude uncertainty: 1 km

GII 15 22:43:49.5+0.0, 33°77'N 0°02'26.078E, h0km, Mw3.3, confirmed

ISC 15 22:43:42.6+1.8, 34°00'N 0°05'25.74E, h0km, 10km, n86, c216/121, mb3.7/7, Crete

Main table listing station names, coordinates, and seismic data for stations in the Middle East and surrounding areas.

942

Table listing stations like EIL Eliat, 8.95 116 P, Pn, 22 45 53.6+1.0, etc.

NEIC 15 22:46:28.8, 38°18'N 117°85'W, h5km, NEIC 15 22:46:29.8, 2.5, 38°18'N 0°11'17.87W, 0.02, h10km, 2km, mb3.7/1, ML3.9/232, Mw3.9/86, ML4.3/7(REN), Error ellipse: s-maj=3.1km s-min=2.7km az=255.0, Moment Tensor Solution, Moment tensor: Scale 10^15 Nm, M=0.13; Mxx=0.32; Myy=0.10; Mzz=0.11; Mxy=0.43; Fault plane solution: M1.0000x10^15 NP1: 0.168, 87.000°, 885.72000°, lambda=152.87000°, NP2: 0.76, 68.800°, 862.95000°, lambda=4.81000°, Principal axes: T 1.0418, P1g16.0000°, Azm300.0000°, N -0.0846, P1g63.0000°, Azm177.0000°, P -0.9572, P1g22.0000°, Azm36.0000°

IDC 15 22:46:30.1+0.7, 38°14'N 117°80'W, h0km, mb3.2/2, mbmp3.5/6, ML4.0/3, MS3.0/7, Error ellipse: s-maj=7.4km s-min=4.9km az=24.0

REN 15 22:46:30.2, 38°17'N 117°84'W, 0.02, h1km, 9km, Error ellipse: s-maj=2.7km s-min=1.9km az=70.0

ISC 15 22:46:30.4+1.1, 38°16'N 102°17.85W, 0.02, h6km, 9km, n112, c087/97, MS3.2/4, Nevada

Main table listing station names, coordinates, and seismic data for stations in Nevada and other regions.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ISA, AFDM, BEKR, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BLYC, SPUT, Q16A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SDH, MPK, MPK, etc.

16d 0h

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

2020 MAY

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, Res. Includes stations like mblmp3.8/8, NEIC, IS, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, Res.

944

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, Res. Includes stations like WARBT, WARB, ECBN, EHHY, etc.

JMA 15 23:26:55.0, 2.0, 30.0, 15N, 139E, h467km, MV3.5/27, NEAR TORISHIMA IS
IDC 15 23:26:55.0, 1.2, 30.0, 15N, 139E, h429km, 24km, mb3.0/5,

«231/179,mb4.0/36,7C-8D,Afghanistan-Tajikistan border region									
Code	Station Name	A°	AZ°	Phase	ID	Time	Res	ISC	ISC
KBL	Kabul	2.65	229	Op	ISC	h m s	ISC		
KBL	Kabul	2.65	229	Sn	PN	00 21 02.7	-1.2		
GAR	Garm	2.62	242	Op	PN	00 21 32.9	-3.1		
GAR	Garm	2.82	342	Op	PN	00 21 02.7	-1.2		
DRK	Karamyk	3.16	5	Op	Sn	00 21 36.6	-3.1		
DRK	Karamyk	3.16	5	Op	Sn	00 21 10.0	-0.7		
DRK	Karamyk	3.16	5	Op	Sn	00 21 48.7	+0.6		
DRK	Karamyk	3.16	5	Op	Sn	00 21 10.0	-0.7		
BTK	Batken	3.76	353	Op	Sn	00 21 16.1	+2.3		
BTK	Batken	3.76	353	Op	Sn	00 21 59.0	-3.0		
KSH2	Kashi	4.31	48	Op	PN	00 21 16.1	+2.3		
KSH2	Kashi	4.31	48	Op	PN	00 21 29.4	+3.6		
KSH2	Kashi	4.31	48	Op	PN	00 21 27.8	+2.6		
KSH2	comp=N,480nm,0.7s				smax			smax	
JMU	Jammu	4.50	141	Op	eP	00 21 29.4	+1.1		
JMU	Jammu	4.50	141	Op	eS	00 22 18.1	-1.5		
JMU	comp=N,678nm,0.4s				IAML				
JMU	comp=E,692nm,0.6s				IAML				
ARSB	Arslanbob	5.13	13	Op	PN	00 21 36.2	-0.7		
ARSB	Arslanbob	5.13	13	Op	Sn	00 22 33.1	-2.0		
ALCI	Arslanoh	5.13	13	Op	PN	00 21 36.2	-0.7		
ALCI	Arslanoh	5.13	13	Op	PN	00 21 37.4	+0.2		
ALCI	Arslanoh	5.13	13	Op	eS	00 22 38.5	+2.5		
ALCI	comp=E,542nm,0.2s				IAML				
ALCI	comp=N,584nm,0.1s				IAML				
TSSA	Tissa	5.20	131	Op	eP	00 21 39.0	+1.0		
TSSA	Tissa	5.20	131	Op	eS	00 22 35.1	-1.8		
TSSA	comp=N,584nm,0.1s				IAML				
TSSA	comp=E,465nm,0.1s				IAML				
TSSA	comp=N,400nm,0.0s				IAML				
THN	Thein Dam	5.26	136	Op	eP	00 21 39.8	+1.2		
THN	Thein Dam	5.26	136	Op	eS	00 22 36.1	-1.9		
THN	comp=E,344nm,0.2s				IAML				
THN	comp=N,321nm,0.5s				IAML				
DHRM	DHARAMSHALA	5.71	134	Op	eP	00 21 46.2	+1.4		
DHRM	DHARAMSHALA	5.71	134	Op	eS	00 22 47.9	-1.3		
DHRM	comp=E,233nm,0.3s				IAML				
DHRM	comp=N,209nm,0.3s				IAML				
NRN	Naryn	6.21	33	Op	PN	00 21 50.7	-1.0		
NRN	Naryn	6.21	33	Op	PN	00 21 50.7	-1.0		
UCH	Uchtor	6.36	21	Op	PN	00 21 54.6	+0.9		
EKS2	Erkin-Say	6.58	15	Op	PN	00 21 57.2	+0.8		
AAK	Ala-Archa	6.73	19	Op	PN	00 21 58.8	+0.3		
AAK	Ala-Archa	6.73	19	Op	PN	00 23 12.3	-1.4		
AAK	Ala-Archa	6.73	19	Op	PN	00 21 59.1	+0.6		
AAK	Ala-Archa	6.73	19	Op	PN	00 21 58.3	-0.2		
AAK	Ala-Archa	6.73	19	Op	PN	00 21 59.0	+0.6		
AAK	Ala-Archa	6.73	19	Op	PN	00 23 12.1	-1.6		
AAK	Ala-Archa	6.73	19	Op	PN	00 21 59.7	+1.2		
AAK	Ala-Archa	6.73	19	Op	PN	00 21 57.8	-1.7		
AAK	Ala-Archa	6.73	19	Op	PN	00 21 58.6	-0.8		
AAK	Ala-Archa	6.73	19	Op	PN	00 23 09.8	-5.6		
AAK	Ala-Archa	6.73	19	Op	PN	00 21 58.6	-0.8		
AAK	Ala-Archa	6.73	19	Op	PN	00 21 58.6	-0.9		
AAK	Ala-Archa	6.73	19	Op	PN	00 21 58.6	-0.9		
AAK	Ala-Archa	6.73	19	Op	PN	00 22 01.3	+0.8		
FRU1	Bishkek	6.93	20	Op	PN	00 22 01.7	+0.6		
FRU1	Bishkek	6.93	20	Op	PN	00 22 01.7	+0.6		
ULHL	Ulahol	6.98	31	Op	PN	00 22 04.4	+2.4		
SMLA	Simla	7.03	136	Op	eP	00 22 02.8	+0.3		
SMLA	Simla	7.03	136	Op	eS	00 23 16.6	-4.4		
SMLA	comp=N,215nm,0.1s				IAML				
SMLA	comp=E,272nm,0.4s				IAML				
BOOM	Boomsokoye usch	7.07	28	Op	PN	00 22 03.5	+0.4		
BOOM	Boomsokoye usch	7.07	28	Op	PN	00 22 03.5	+0.4		
CHMS	Chumysh	7.13	20	Op	PN	00 22 04.7	+0.9		
KDJ	Kajisay	7.30	36	Op	PN	00 22 06.0	-0.3		
KDJ	Kajisay	7.30	36	Op	PN	00 22 06.0	-0.3		
TARG	Taragay, Kyrgy	7.32	41	Op	PN	00 22 06.2	-0.5		
TARG	Taragay, Kyrgy	7.32	41	Op	PN	00 22 06.2	-0.5		
USP	Ospenovka	7.32	18	Op	PN	00 22 06.6	+0.2		
TMK2	Tokmak 2	7.32	25	Op	PN	00 22 07.5	+1.0		
KLP	Kalpa	7.39	128	Op	eP	00 22 08.4	+0.7		
KLP	Kalpa	7.39	128	Op	eS	00 23 25.7	-4.6		
KLP	comp=E,285nm,0.2s				IAML				
KLP	comp=N,206nm,0.3s				IAML				
HRA	Herat	7.77	258	Op	PN	00 22 10.8	-2.0		
PRZ	Przheval'sk	8.17	39	Op	PN	00 22 16.2	-1.8		
PRZ	Przheval'sk	8.17	39	Op	PN	00 22 16.2	-1.8		
JOSI	Joshimat	8.88	128	Op	eP	00 22 27.2	-0.6		
JOSI	Joshimat	8.88	128	Op	eS	00 24 00.0	-6.2		
JOSI	comp=N,138nm,0.3s				IAML				
JOSI	comp=N,138nm,0.3s				IAML				
JOSI	comp=N,138nm,0.3s				IAML				
PTH	Pithoragarh	9.95	130	Op	eP	00 22 42.5	+0.2		
PTH	Pithoragarh	9.95	130	Op	eS	00 24 24.8	-7.4		
PTH	comp=E,102nm,0.0s				IAML				
PTH	comp=N,102nm,0.1s				IAML				
LGTI	Lohaghat	10.01	131	Op	eP	00 22 43.6	+0.5		
LGTI	Lohaghat	10.01	131	Op	eS	00 24 26.6	-7.0		
LGTI	comp=E,101nm,0.2s				IAML				
LGTI	comp=N,108nm,0.3s				IAML				
AJM	Ajmer	10.23	164	Op	eP	00 22 46.2	+0.3		
AJM	Ajmer	10.23	164	Op	eS	00 24 30.2	-8.5		
AJM	comp=N,113nm,0.1s				IAML				
AJM	comp=N,113nm,0.1s				IAML				
MAKZ	Makanchi	13.09	34	Op	PN	00 23 23.1	-0.6		
MAKZ	Makanchi	13.09	34	Op	PN	00 23 26.0	+2.3		
MAKZ	Makanchi	13.09	34	Op	PN	00 23 23.1	-0.6		
MAK31	Makanchi Array	13.22	34	Op	PN	00 23 23.1	-0.6		
MAK31	Makanchi Array	13.22	34	Op	PN	00 23 25.9	+0.5		
MAK31	Makanchi Array	13.22	34	Op	PN	00 23 25.0	-0.4		
MAK31	Makanchi Array	13.22	34	Op	PN	00 23 24.8	-0.6		
MAK31	Makanchi Array	13.22	34	Op	PN	00 23 26.3	+0.9		
MAK31	Makanchi Array	13.22	34	Op	PN	00 23 26.3	+0.9		
WMQ	Urumqi	14.50	54	Op	eP	00 23 40.9	-1.0		
WMQ	Urumqi	14.50	54	Op	eS	00 26 19.3	-2.6		
WMQ	comp=N,12nm,1.1s				pmx				
KURBB	Kurchatov Arra	15.18	17	Op	P	00 23 51.5	-1.1		
KURBB	Kurchatov Arra	15.18	17	Op	P	00 23 49.8	-1.8		
KURBB	Kurchatov Arra	15.18	17	Op	P	00 23 53.1	-0.7		
KURBB	Kurchatov Arra	15.18	17	Op	P	00 23 53.1	-0.7		
KURBB	Kurchatov Arra	15.18	17	Op	P	00 23 53.1	-0.7		

AB31	Akbulak array	15.42	331	Op	PN	00 23 49.3	-4.0		
AB31	Akbulak array	15.42	331	Op	PN	00 23 49.8	-3.5		
AB31	Akbulak array	15.42	331	Op	PN	00 26 34.4	-9.4		
AB31	Akbulak array	15.42	331	Op	PN	00 23 49.8	-3.5		
AB31	Akbulak array	15.42	331	Op	PN	00 23 49.3	-4.0		
AB31	Akbulak array	15.42	331	Op	PN	00 23 51.8	-2.6		
EVN	Everest	15.44	118	Op	IAMB	00 24 00.3			
EVN	Everest	15.44	118	Op	IAMB	00 24 08.0	-1.3		
EVN	Everest	15.44	118	Op	IAMB	00 27 04.0	-1.1		
EVN	Everest	15.44	118	Op	IAMB	00 24 06.6	-3.0		
EVN	Everest	15.44	118	Op	IAMB	00 24 11.0	+1.1		
EVN	Everest	15.44	118	Op	IAMB	00 24 13.4	-0.7		
EVN	Everest	15.44	118	Op	IAMB	00 27 10.4	-1.4		
EVN	Everest	15.44	118	Op	IAMB	00 24 13.1	-1.1		
EVN	Everest	15.44	118	Op	IAMB	00 27 16.3	-8.4		
EVN	Everest	15.44	118	Op	IAMB	00 24 28.4	+1.8		
EVN	Everest	15.44	118	Op	IAMB	00 24 33.6	+0.1		
EVN	Everest	15.44	118	Op	IAMB	00 24 37.2	+0.6		
EVN	Everest	15.44	118	Op	IAMB	00 28 07.6	0.0		
EVN	Everest	15.44	118	Op	IAMB	00 24 42.8	+2.3		
EVN	Everest	15.44	118	Op	IAMB	00 24 43.9	+0.7		
EVN	Everest	15.44	118	Op	IAMB	00 24 45.1	+0.8		
EVN	Everest	15.44	118	Op	IAMB	00 28 24.7	+2.9		
EVN									

16d 1h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, SCHC Schefferville, YKA Yellowknife Arr.

RSNC 16 00:30:20.5:0.0, 7°N:1°7'3W, h141km, 2km, M2.4, ML2.1
FUNV 16 00:30:22.7:11N:73°22W, h18km, MW2.6, Presumed earthquake

ISC 16 00:30:18.6:1.5, 6.88N:0°03:73:12W:0:05, h150km, gkm, n25, c193/50, Northern Colombia

Main table for ISC 16 00:30:18.6:1.5, 6.88N:0°03:73:12W:0:05, h150km, gkm, n25, c193/50, Northern Colombia. Lists stations like BARC Barichara, PAMC Pamplona, BRUC Barrancabermej, etc.

IDC 16 00:34:01.0:0.9, 5.6°06S:25:18W, h0km, mb4.0/5, mbmp3.9/6, ML3.5/1, MS3.6/2, Error ellipse: s-maj=39.5km s-min=20.4km az=75.0
NEIC 16 00:34:03.0:2.4, 5.6°06S:0:03:25W:0:2, h10km, 1km, mb4.4/33, Error ellipse: s-maj=18.8km s-min=2.4km az=79.0

ISC 16 00:34:02.6:0.7, 5.6°06S:0:10:25W:0:1, h10km, n50, c195/9, mb4.4/19, 2C, South Sandwich Islands region

Main table for ISC 16 00:34:02.6:0.7, 5.6°06S:0:10:25W:0:1, h10km, n50, c195/9, mb4.4/19, 2C, South Sandwich Islands region. Lists stations like HOPE Hope Point, VNA3 Neumayer-Stat, VNA2 Neumayer-Watz, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like PB08 IPOC Station P, TOA1 Diego Arr, G001 Chuzmiza, etc.

RSNC 16 00:38:45.4:0.0, 7°N:1°7'3W, h146km, 2km, M2.2, ML1.9
FUNV 16 00:38:46.3:7.04N:73°26W, h17km, MW2.6, Presumed earthquake

ISC 16 00:38:43.4:1.5, 6.88N:0°04:73:12W:0:05, h152km, gkm, n22, c172/43, Northern Colombia

Main table for ISC 16 00:38:43.4:1.5, 6.88N:0°04:73:12W:0:05, h152km, gkm, n22, c172/43, Northern Colombia. Lists stations like BARC Barichara, PAMC Pamplona, BRUC Barrancabermej, etc.

IDC 16 00:56:05.8:0.8, 2°18S:134°09E, h0km, mb4.0/5, mbmp4.1/9, ML3.9/4, MS3.1/7, Error ellipse: s-maj=21.3km s-min=12.5km az=61.0
NEIC 16 00:56:08.4:1.5, 2°18S:0°06:134°09E:0:07, h18km, 7km, mb4.0/7, Error ellipse: s-maj=10.5km s-min=8.1km az=91.0
DJA 16 00:56:08.1:0.2, 2°S:2°13'E, h10km, M4.3/18, mb4.5/3, ML4.3/18

ISC 16 00:56:07.0:1.3, 2°13S:0°04:134°13E:0:05, h13km, 9km, n37, c193/40, mb4.1/8, MS3.3/4, Irian Jaya region

Main table for ISC 16 00:56:07.0:1.3, 2°13S:0°04:134°13E:0:05, h13km, 9km, n37, c193/40, mb4.1/8, MS3.3/4, Irian Jaya region. Lists stations like RKPI Ransiki, MWPI Manokwari, KMPI Kaimana, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like KSRS Korea Array, CMAR Chiang Mai Arr, SHEM Shemya Is, etc.

RSNC 16 00:30:20.5:0.0, 7°N:1°7'3W, h141km, 2km, M2.4, ML2.1
FUNV 16 00:30:22.7:11N:73°22W, h18km, MW2.6, Presumed earthquake

ISC 16 00:23:50.2:1.3, 49°14'N:158°71E, h40km, 42km, M13.7, East Kuril Islands

Main table for ISC 16 00:23:50.2:1.3, 49°14'N:158°71E, h40km, 42km, M13.7, East Kuril Islands. Lists stations like SKR Severo-Kuril's, KDR Khodutka, ASAK Asacha, etc.

NEIC 16 01:53:04.1:1.6, 18°32'N:0°06:61°89W:0:07, h30km, 7km, mb4.3/5, Error ellipse: s-maj=11.1km s-min=7.7km az=51.0
TRN 16 01:53:04.6:18.18N:61°97W, h35km, MD4.4, Far North of Barbuda
CATAC 16 01:53:05.7:1.0, 18°N:6°6'2W, h16km, 6km, M4.4/5, mb4.5/1, MLV4.4/5, Error ellipse: s-maj=15.0km s-min=6.7km az=30.1, confirmed

IDC 16 01:53:08.5:2.1, 18°00'N:61°96W, h76km, 22km, mb3.3/9, mbmp3.7/10, MS2.6/1, Error ellipse: s-maj=28.1km s-min=16.4km az=66.0
SDD 16 01:53:21.4:2.8, 18°10'N:63°12W, h13km, 999km, MD4.2, ML3.5, MW3.0, Presumed earthquake Hypocentre not reviewed by the ISC

ISC 16 01:53:04.8:1.2, 18°22'N:0°07:62°00W:0:06, h44km, 11km, n76, c194/96, mb3.7/9, Leeward Islands

Main table for ISC 16 01:53:04.8:1.2, 18°22'N:0°07:62°00W:0:06, h44km, 11km, n76, c194/96, mb3.7/9, Leeward Islands. Lists stations like ANWB Willy Bob, ANWB Willy Bob, ANWB Willy Bob, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MANT, ISP, EZN, BALB, CSS, etc.

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like AKKB, AK18, AK04, etc.

16d 2h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like YKA Yellowknife Ar, E18K Tukpahleark C, etc.

2020 MAY

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MPMY Sheldon Lake, SCRP Sheldon Lake, etc.

950

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like KLU Klutina, PMR Palmer, L14K Kul Creek, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like LANU Lannavaara, LANU Pajala, LANU HETTA, etc.

UPP 16:02:31.31.5.0.2,6784N,20.27E, h0km, ML2.5, Presumed earthquake, Sweden

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KUA Kuravaara, KUA bauk-128, RATU Laukkulupa, etc.

IDC 16:02:44.44.4.12.0,19.64S,178.91W, h549km,57km, mb2.7/3, mbmtpp3.6/4, Error ellipse: s-maj=347.2km s-min=31.0km az=141.0, Fiji Islands region

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

REN 16:02:45.46.1.4,38.16N,0.01:117.86W,0.02 h0km,2km, Error ellipse: s-maj=1.8km az=38.0

NEIC 16:02:45.47.1.4,38.175N,0.010:117.93W,0.02, h5km,1km, ML2.8/3, ML2.8/1(REN), Error ellipse: s-maj=3.0km s-min=2.8km az=109.0, Nevada

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like NV11 Mina Array Sit, NV09 Mina Array Sit, NVAR Mina Array Bea, etc.

TRN 16:02:46:57.5,18.11N,62.04W, h23km, MD3.9, North-west of Barbuda, Leeward Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ANWB Willy Bob, ANWB St. Maarten, ANWB Saint Kitts, etc.

KRSC 16:02:47:05.1.1.3,49.41N,158.70E, h44km,46km, MI3.5, East of Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, SKR PAU, PAU Kuzhetka, etc.

Table with columns: GRL, SPN, MYA, UGLAR, SMAR, AVH, SDLR, KOK, KRER, KRKX, MKZ. Includes station names like Mys Shipunski, Uglvoaya, Somma, Avacha, Sedovina, Koryakia, Koryakiskii, Arik, Kozlova.

IDC 16:02:50:45.9.1.7,38.19N,117.99W, h0km, mb3.0/1, mbmtpp2.9/2, ML3.7/1, MS2.7/2, Error ellipse: s-maj=17.1km s-min=8.9km az=22.0

NEIC 16:02:50:45.38.16N,118.00W, h7km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mr0,39; Mw0-1.38; Mw0.99; Mw0.32; Mw0.06; Mw0.83; Fault plane solution: M0:1.58000e+10^14 NP1:0.321,00000, 0.78,00000, 1.144,00000. NP2:0.60000,0.55,00000, 1.15,00000. Principal axes: T:1.5870, Plg34.0000, Azm275.0000; N:0.0008, Plg52.0000, Azm135.0000; P:1.5877, Plg15.0000; Azm15.0000

NEIC 16:02:50:45.3.1.2,38.17N,0.02:117.99W,0.04, h5km,1km, ML2.3/1/74, ML3.5/13(REN), Mwr3.4/25(SLM), Error ellipse: s-maj=6.0km s-min=2.9km az=56.0

REN 16:02:50:45.6.1.4,38.16N,0.01:118.01W,0.04, h7km,55km, Error ellipse: s-maj=4.4km s-min=1.9km az=76.0

ISC 16:02:50:46.0.1.1,38.15N,0.02:118.01W,0.03, h5km,11km, n96, c066/72, California-Nevada border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like NV11 Mina Array Sit, NV08 Mina Array Sit, NV03 Mina Array Sit, etc.

MLAC Mammoth, Mammoth MCBM Casa Benchmark

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KVN Kaiserville, KVN Kaiserville, KVN Kaiserville, etc.

WAKR Walker, GRAC Grapevine Rang, KCCR Kaiser Creek, PNCR Pine Nut, WCT Wildcat Mountain

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like WAKR Walker, GRAC Grapevine Rang, KCCR Kaiser Creek, etc.

TPNV Topopah Spring

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TPNV Topopah Spring, TPNV Topopah Spring, S11A Rachel, etc.

PAHR Pah Rah Range

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PAHR Pah Rah Range, PAHR Pah Rah Range, PAHR Pah Rah Range, etc.

PAHR Pah Rah Range

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PAHR Pah Rah Range, PAHR Pah Rah Range, PAHR Pah Rah Range, etc.

Table with columns: V12A, CVC, MNRC, MNRC, O03E, O03E, CCUT, CCUT, CCUT, HATC, HATC, HATC, LCMT, LCMT, LCMT, PASC, DANC, KNB, KNB, KNB, KNB, TCRU, M03C, M03C, W13A, MTPU, MTPU, IRM, IRM, PFO, PFO, DNR, BGU, BGU, BGU, BC3, BC3, K05A, K05A, YBH, YBH, DPP, DPP, DPP, BLYC, BLYC, BLYC, SPUT, SPUT, Q16A, Q16A, PDAR, PDAR, TXAR, TXAR, YKA, YKA

SSNC 16:02:51:24.3.0.3,20.00N,77.29W, h0km, MD2.3, ML1.3, Presumed earthquake, Cuba region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like LMGC Las Mercedes, LMGC Las Mercedes, LMGC Las Mercedes, etc.

IDC 16:03:03:17.0.2.0,0.05S:127.52E, h0km, mb3.4/4, mbmtpp3.5/4, Error ellipse: s-maj=192.4km s-min=23.0km az=67.0

DJA 16:03:03:22.1.0.2,0.2S:12.7E, h10km, M3.9/17, mB4.7/1, mB4.3/1, MLV3.6/17, Mw(mB)3.9/1

ISC 16:03:03:24.9.1.0,0.22S:0.06:126.92E,0.09, h70km, n10, c1990/11, mb3.7/3, Southern Molasse Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TMTI Ternate, TMTI Ternate, TMTI Ternate, etc.

IDC 16:03:03:17.0.2.0,0.05S:127.52E, h0km, mb3.4/4, mbmtpp3.5/4, Error ellipse: s-maj=192.4km s-min=23.0km az=67.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TMTI Ternate, TMTI Ternate, TMTI Ternate, etc.

16d 3h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for MKAR, KURBB, etc.

IDC 16 03:04:01.9 1.6 35°75N:29.40E, h0km, mb3.3/2, mbtmp3.1/4, ML2.9/2, Error ellipse: s-maj=31.1km s-min=22.1km az=163.0

ISK 16 03:04:04.0 3.5 68N:29.52E, h5km, ML2.7/20, ISC 16 03:04:07.0 1.0 35.69N:0.06 29.53E, h29km, n24, c157/28, Eastern Mediterranean Sea

Main table for station data under IDC and ISK, listing station names, coordinates, and other parameters.

IDC 16 03:10.31.8 3.1 29.56N:52.27E, h0km, mb3.7/4, mbtmp3.6/5, ML3.1/1, MS3.4/2, Error ellipse: s-maj=62.5km s-min=35.2km az=147.0

TEH 16 03:10:03.37, 29.57N:52.16E, h5km, ML3.5, Presumed earthquake

DSN 16 03:10:40.6 2.0 29°10'N:52°15'E, h15km, ML3.0/7, Error ellipse: s-maj=29.0km s-min=7.7km az=7.0

ISC 16 03:10:36.0 0.8 29.58N:0.05 52.12E:0.05, h25km, n33, c196/33, mb3.9/3, Southern Iran

Main table for station data under IDC, ISK, and DSN, listing station names, coordinates, and other parameters.

IPGP 16 03:15:43.0 1.6 09S:167.98E, h179km, Mw6.0, Fault plane solution: NP1:158.00000°, 821.00000°, 1.63.00000°

IDC 16 03:15:44.0 1.6 11S:167.99E, h182km, mb5.2/34, mbtmp5.7/38, MS4.7/30, Error ellipse: s-maj=6.8km s-min=5.6km az=32.0

NEIC 16 03:15:44.16 0.03:167.96E, h170km ANIC 16 03:15:44.3 1.6 05S:168.00E, h172km BUJ 16 03:15:44.0 1.5 44S:168.03E, h170km, mb5.7/59, mb5.5/96

NOU 16 03:15:44.8 1.6 10S:167.96E, h171km, ML5.6/161, Vanuatu Islands

NEIC 16 03:15:44.0 2.3 1.6 06S:0.06E:168.00E:0.06, h171km, 2km, s-maj=9.1km s-min=8.1km az=224.0, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; M0:0.32; M1:0.16; M2:0.16; M3:0.21; M4:0.21; M5:0.21

NEIC 16 03:15:44.16 0.03:167.96E, h170km ANIC 16 03:15:44.3 1.6 05S:168.00E, h172km BUJ 16 03:15:44.0 1.5 44S:168.03E, h170km, mb5.7/59, mb5.5/96

MOS 16 03:15:44.2 1.1 1.6 04S:167.92E, h187km, mb5.5/37, MS4.9/16, Error ellipse: s-maj=8.1km s-min=6.2km az=42.9

GFZ 16 03:15:45.3 1.6 09S:167.98E, h186km, MW5.9, Moment Tensor Solution. s98 Moment tensor: M1:8.2; M2:0.20; M3:2.03; M4:7.76; M5:2.82; M6:0.60; Fault plane solution: NP1:280.00000°, 84.00000°, 1.68.00000°

PTWC 16 03:15:46 16 20S:167.90E, h141km, Mw5.9/18 GCMT 16 03:15:47.2 0.1 1.6 16S:167.87E, h182km, MW5.9/170, Moment Tensor Solution. s154,c356; s170,c576; Duration: 2s3 Moment tensor: Scale 10^18Nm; M0:0.21e+01; M1:0.04e+01; M2:0.17e+01; M3:0.96e+00; M4:0.34e+01; M5:0.05e+00; Best double couple

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M0:1.02900x1018 NP1:173.00000°, 820.00000°, 1.64.00000°; NP2:278.00000°, 885.00000°, 1.70.00000°; Principal axes: T 1.0800, Png17.0000°, Azm167.0000°; N -0.1020, Plg20.0000°, Azm280.0000°; P -0.9790, Plg37.0000°, Azm25.0000°; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 16 03:15:48.7 15.95S:168.00E, h170km, Moment Tensor Solution. Duration: 4s4 Moment tensor: Scale 10^17Nm; M0:2.86; M1:-1.42; M2:1.26; M3:-7.12; M4:3.23; M5:0.66; Fault plane solution: Msb:1680x1017 NP2:280.00000°, 879.850000°, 1.68.00000°; NP2:280.00000°, 879.850000°, 1.68.00000°; Principal axes: T 8.2581, Plg50.0000°, Azm166.0000°; N -0.1623, Plg22.0000°, Azm284.0000°; P -8.0957, Plg31.0000°, Azm28.0000°

ISC 16 03:15:44.0 2.0 16.10S:0.03:168.03E:0.03, h185km, 1km, h185km:pp-P, n1434, c194/49, 1440, mb5.4/361, 115C-42D, Vanuatu Islands

Main table for station data under NEIC, ISC, and other codes, listing station names, coordinates, and other parameters.

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Main table for station data under AUCCS, COEN, BKEN, etc., listing station names, coordinates, and other parameters.

Table with columns for station name, frequency, power, and other technical details. Includes stations like XMAS Kiriritimati, FORT Forrest, SIJI Sorong, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KIP Kipapa, MMSI Mamuju, POHA Pohakuloa, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like QZHZ comp=Z,85nm,0.6s, LWLI comp=Z,520nm,3.6s, etc.

Table with columns: ID, Name, Time, Day, Status, Location, and other details. Includes entries like L17K Donlin, M18K Stony River, BRLL Bradley Lake, etc.

Table with columns: TEZP, TEZPUR, Time, Day, Status, Location, and other details. Includes entries like K20K Telida, K20K Telida, KMRM Mail Ridge, etc.

Table with columns: MCK, Name, Time, Day, Status, Location, and other details. Includes entries like MCK McKinley, MCK McKinley, I03D Drain, etc.

Main table containing astronomical data for May 2020. Columns include object names (e.g., ASUD, RBK, DOK), coordinates (RA, Dec), magnitudes (m, n), and various status codes (P, Pdf, PKP, etc.).

Main table containing station call signs, frequencies, and various technical parameters. Includes sub-sections for 'NEIC 16:03:17', 'DJA 16:03:17', and 'ISC 16:03:17'.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, H, m, s, ISC. Contains data for various stations and their associated parameters.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BATI Baumata, TWSI Taliwang, SOEI Soe, etc.

REN 16 03:30:38.81.1.381.21N.0102-117.84W.0.02, h3km, 2km, Error ellipse: s-maj=2.6km s-min=1.1km az=219.0

NEIC 16 03:30:38.51.2.3820N.0102-117.86W.0.02, h10km, 2km, ML2.9/60, ML2.6/8(REN), Error ellipse: s-maj=3.6km s-min=3.1km az=219.0, Nevada

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NV11 Mina Array Sit, NV06 Mina Array Sit, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AMDNV Amargosa, WCSM Coso Springs S, JRJC Joshua Ridge, etc.

PAS 16 03:31:06.61.2.35.956N.0101-117.34W.0.02, h3km, 6km, Error ellipse: s-maj=2.0km s-min=1.5km az=103.0

NEIC 16 03:31:05.61.1.3.35.959N.0101-117.30W.0.02, h15km, 1km, ML2.7/44, ML3.1/19(PAS), Error ellipse: s-maj=3.0km s-min=2.3km az=124.0, Central California

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CLC China Lake, QSM Queen of Sheba, TOW Tower One, etc.

MEX 16 03:56:40.6.0.8.14.75N.92.57W, h75km, 16km, MD3.9, Presumed earthquake

GCG 16 03:56:41.4.0.7.14.88N.92.38W, h70km, 7km, MD3.4, ML3.4, Presumed earthquake

ISC 16 03:56:35.51.9.14.5N.01.92.65W.0.09, h79km, 17km, n14, c1986/24, Near coast of Chiapas

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like THIG Thimble, SMCA Catarina, PATR El Naranjo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PCIG Pico de Guadalupe, PUEH Huehuetenango, HUEH Huehuetenango, etc.

IDC 16 04:09:08.2.0.6.17.79N.66.91W, h0km, mb4.0/14, mbtmp4.0/17, ML3.3, MS3.9/3, Error ellipse: s-maj=15.3km s-min=8.7km az=157.0

NEIC 16 04:09:10.61.5.17.81N.0103-66.83W.0.01, h10km, 1km, mb4.5/30, ML4.4/37, Md4.1/19(RSPR), Error ellipse: s-maj=4.4km s-min=2.8km az=5.0

OSPL 16 04:09:11.6.0.3.17.85N.66.84W, h14km, 37km, ML4.5, Presumed earthquake

PTWC 16 04:09:11.17.90N.66.80W, M4.4/18, PUERTO RICO REGION

RSPR 16 04:09:11.9.17.90N.66.85W, h12km, MD4.1/19 SDD 16 04:09:13.2.2.3.17.94N.66.83W, h15km, 16km, MD3.1, ML4.0, MW3.7, Presumed earthquake Hypocentre not reviewed by the ISC

ISC 16 04:09:10.0.0.9.17.76N.0104-66.85W.0.02, h15km, 6km, n148, c1982/166, mb4.4/26, MS3.8/3, 2C-8D, Puerto Rico region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GBPR Guanica, OBIP Obispo Ponce, UUPR Utuado, etc.

Table with columns: ILAR, Eielson Array, 31.63 337 P, P, 04 18 46.2 +1.4, comp=N, 830nm, 0.5s, KVCN Kaiserville, 0.88 347, Sb, 04 32 45.4 -0.2, etc.

IDC 16 04:21:33.9±2.0, 5.92S, 129.18E, h0km, mb4.0/3, mbtmp4.0/5, ML4.0/2, Error ellipse: s-maj=269.7km, s-min=23.4km az=66.0

NEIC 16 04:21:55.6±2.1, 6.40S, 0.02±129.22E±0.10, h210km, 10km, mb4.3/6, Error ellipse: s-maj=14.3km s-min=3.1km az=89.0

DJA 16 04:21:56.2±0.2, 6.52S, 12.9E±, h231km, 5km, MA.5/20, mb5.1/7, mb4.2/16, ML4.6/20, Mw(MB)4.5/7

ISC 16 04:21:54.8±0.6, 6.48S, 0.06±129.25E±0.07, h200km, n37, ±25.0/40, mb4.1/5, Banda Sea

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

REN 16 04:32:16.9±2.1, 38.18N, 0.02±117.86W±0.02, h9km, 8km, Error ellipse: s-maj=2.9km s-min=2.0km az=210.0

NEIC 16 04:32:16.3±2.1, 38.20N, 0.02±117.84W±0.03, h10km, 2km, ML3.4/165, ML3.8/8(REN), Error ellipse: s-maj=4.0km s-min=3.1km az=226.0, Nevada

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like NV11, NV06, NV07, etc.

Table with columns: KVCN Kaiserville, 0.88 347, Sb, 04 32 45.4 -0.2, etc. Includes stations like KVCN, MLAC, LCH, etc.

IDC 16 04:46:20.2±8.6, 59.95N, 153.81W, h110km, 75km, mb3.8/1, mbtmp3.4/3, ML2.9/2, MS3.3/1, Error ellipse: s-maj=68.4km s-min=38.8km az=16.0

NEIC 16 04:46:22.7±0.8, 59.75N, 0.04±153.15W±0.08, h110km, ML2.4/83, ML2.2(AEIC), Error ellipse: s-maj=5.6km s-min=4.9km az=109.0

AEIC 16 04:46:24.1±1.2, 59.75N, 0.03±153.12W±0.07, h103km, 3km, Error ellipse: s-maj=5.3km s-min=4.6km az=111.0

ISC 16 04:46:22.3±1.2, 59.75N, 0.04±153.11W±0.04, h144km, 7km, n67, ±0.6/9/71, Southern Alaska

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

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like IDC, NEIC, AEIC, ISC, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like IMMV Iera Moni Meta, CHAN Chania, and many others.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GNI Gari, MOA Molin, KIV Kislovodsk, and many others.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TSUM Tsumeb, NEEM North Greenland, and many others.

16d 6h

Table with columns: OWD, Renai, 1.44 243 P, Pg, 05 27 34.7 -0.5, etc.

IDC 16 05:42:22.3, 3.41N, 125.59E, h0km, mb3.3/3, mbtmp3.3, Error ellipse: s-maj=206.8km s-min=29.6km az=65.0

MAN 16 05:42:30.0, 4.24N, 126.53E, h15km, MS2.7

ISC 16 05:42:23.3, 1.4, 3.6N, 0.1, 126.0E, 0.4, h10km, n6, c0523/5, mb2.3/3, Talaud Islands

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

SJA 16 05:55:41.3, 0.8, 17.72S, 69.86W, h148km, 3km, ML4.1, MW4.0

NEIC 16 05:55:42.1, 1.4, 17.70S, 0.06, 69.76W, 0.08, h149km, 7km, mb4.4/21, Mw4.3(GUC), Error ellipse: s-maj=12.6km s-min=7.6km az=123.0

GUC 16 05:55:43.1, 0.7, 17.71S, 69.72W, h147km, 3km, ML4.3

IDC 16 05:55:43.2, 1.4, 17.57S, 69.47W, h156km, 12km, mb3.9/12, mbtmp3.15, Error ellipse: s-maj=19.4km s-min=12.2km az=78.0

VAO 16 05:55:46.1, 1.6, 17.51S, 69.18W, h165km, 6km, mb4.4, Presumed earthquake

ISC 16 05:55:41.0, 0.5, 17.74S, 0.04, 69.68W, 0.06, h147km, 4km, n127, c172/144, mb4.2/14, 10C-2D, Peru-Bolivia border region

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

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Main table with columns: BBSID, Serra de San D, 8.67 88 eP, Pn, 05 57 41.6 -2.0, etc.

IDC 16 06:06:16.9, 0.8, 38.03N, 118.15W, h0km, mb3.1/2, mbtmp3.15, ML3.2/3, MS2.9/1, Error ellipse: s-maj=6.3km s-min=5.4km az=45.0

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

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Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like JRSC, CVS, ELK, O03E, HATC, BFSC, etc.

ATH 16 06:12:29.3, 40'21N; 19'82E, h5km, 1km, ML2, 8/10, Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

TIR 16 06:12:31.7, 40'12N; 19'95E, h7km, 3km, ML2, 9/7, PDG 16 06:12:32.6, 0.4, 40'16N; 19'91E, h12km, 1km, ML2, 9/11

BEO 16 06:12:32.9, 0.6, 40'17N; 20'06E, h1km, 2km, ML2, 6/9, ISC 16 06:12:31.7, 1.2, 40'14N; 02'19.92E, h0km, 10km, n66, r1506/112, LC, Albania

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like SRN, KEK, VLO, IGT, KBN, JAN, TETR, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like PDG, PVM, CEVO, HCY, NKME, etc.

IDC 16 06:14:19.5, 6.5, 63'84N; 168'33E, h0km, mb3.1/2, mbmp3.3/3, ML3.2/1, Error ellipse: s-maj=240.2km

KRSC 16 06:14:22.6, 1.8, 53'30N; 167'72E, h31km, 54km, ML3.9, ISC 16 06:14:21.0, 1.5, 53'16N; 01'00.168'28E, h35km, n26, r181/40, Komandorski Islands region

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like BKJ, MKZ, KBTR, etc.

KRSC 16 06:15:44.3, 1.2, 53'30N; 167'63E, h23km, 68km, ML3.5, Komandorski Islands region

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like BKJ, MKZ, KBTR, etc.

DJA 16 06:20:54.5, 0.4, 4'N; 5'127E, h33km, 6km, ML3.6/7, MB6.5/1, mb3.8/1, MLV3.6/7, Mw(mB)6.3/1, Talud Islands

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like SGI, GAMI, DAV, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like PBO3, PB02, PB08, etc.

NEIC 16 06:40:44.8, 1.4, 38'22N; 0'01x117'17W; 0'02, h9km, 7km, ML3.3/139, ML3.6/40(REN), Error ellipse: s-maj=2.6km

REN 16 06:40:45.0, 1.4, 38'21N; 0'01x117'27W; 0'03, h10km, 8km, Nevada, Error ellipse: s-maj=3.3km s-min=2.0km az=77.0

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like Code, Station Name, Frequency, Mode, Power, and other technical details.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, Time, Res, h, m, s, ISC. Includes stations like Forest Hills D, Chr Cany lake, Goldstone, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, Time, Res, h, m, s, ISC. Includes stations like Mina Array Sit, Carvers, TV Hill, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, Time, Res, h, m, s, ISC. Includes stations like Wildcat Mounta, Amargosa, Troy Canyon, etc.

REN 16 06:52:46.0±2.0,38.20N,0.011:17.74W,0.02,h5km,4km, Error ellipse: s-maj=2.0km s-min=1.7km az=52.0

REN 16 06:59:33.8±1.4,38.19N,0.02:117.75W,0.05,h7km,5km, Error ellipse: s-maj=6.0km s-min=1.7km az=58.0

WCT 16 07:08:54.9±2.0,1.37S,127.84E,h0km,mb3.6/3, mbtmp3.7/4,ML4.0/1, Error ellipse: s-maj=146.6km s-min=26.8km az=66.0

NEIC 16 06:52:45.3±2.2,38.18N,0.011:17.72W,0.01,h10km,7km, ML3.3/86,ML3.5/12(REN), Error ellipse: s-maj=2.4km s-min=0.5km az=224.0, Nevada

NEIC 16 06:59:33.2±1.3,38.21N,0.011:17.72W,0.02,h6km,5km, ML3.3/100,ML3.5/8(REN), Error ellipse: s-maj=2.3km s-min=1.6km az=57.0, Nevada

DJA 16 07:09:32.5±0.5,4.56S,127.8E,h117km,4km,M3.7/13, mb5.3/1,mb4.9/1,MLV3.1/13,Mv(m)B/4.7/1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, Time, Res, h, m, s, ISC. Includes stations like Mina Array Sit, Carvers, TV Hill, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, Time, Res, h, m, s, ISC. Includes stations like Mina Array Sit, Carvers, TV Hill, etc.

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

IDC 16 07:20:46.5±0.8,13.89N,145.27E,h102km,5km,mb3.8/14, Error ellipse: s-maj=15.0km s-min=12.6km az=69.0, Northern Xinjiang

16d 8h

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like Cabo Rojo, PR, Las Mesas, and various IOPC Station P entries.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like IOPC Station P, Punta Patca, and various IOPC Station P entries.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like ZARO Zacharo, AMT Artemida-Makis, and various IOPC Station P entries.

Table with columns: Call Sign, Name, Frequency, Band, Mode, and other parameters. Includes stations like PAOL, ARG, MANT, ZAGS, GRUS, etc.

Table with columns: Call Sign, Name, Frequency, Band, Mode, and other parameters. Includes stations like AKKB, EIL, EIL, ECH, GEV, KHB, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Resolution. Includes stations like BRY, BRY, BRY, etc.

RHSO 16:08:41:54.5:0.4, 43.07N:18.07E, h6km, 3km, ML2, 8/9
PDG 16:08:41:55.0:0.0, 43.02N:18.11E, h13km, MD3.0/4,
ML2, 9/13, Error ellipse: s-maj=0.0km s-min=0.0km
az=90.0
BEO 16:08:41:55.1:0.3, 43.08N:18.10E, h8km, 1km, ML2, 5/20
VIE 16:08:41:59.6:0.5, 43.40N:18.28E, h8km, mb7, 7/2, ml2, 5/8,
ms3, 4/1, Error ellipse: s-maj=6.5km s-min=4.0km az=53.0
ISC 16:08:41:54.9:1.0, 43.07N:18.07E, h8km, 8km,
n72, c0F96/136, 9C-4D, North-western Balkan Peninsula

WEL 16:08:46:19.1:0.7, 32.5S:19.18W, 0.5, h181km, 32km,
M3, 8/14, mB4, 4/14, ML4, 3/14, MLv4, 3/6, Mw(MB)3, 6/14,

Table with columns: Station Name, Location, Time, Res, ISC, h, m, s, ISC. Includes stations like Chiawan, Hwalien, Yonagunijimaku, etc.

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

Table with columns: Station Name, Location, Time, Res, ISC, h, m, s, ISC. Includes stations like SARH, Santa Rosa de, Santa Rosa de, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Petropavlovsk, Somme Creek, Haines Junction, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Blow River, Peel River, Ketchikan, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Paradox Valley, Blue Mesa, Madlock, etc.

Table with columns: ARCES, ARCES Array B, 58.10 354 P, P, 10 15 58.4 -1.8, etc. Lists various astronomical observations with their respective parameters and coordinates.

Table with columns: MODS, Modra-Piesok, 79.65 356 eP, P, 10 18 15.6 +1.1, etc. Lists various astronomical observations with their respective parameters and coordinates.

Table with columns: TIN, Tinemaha, Big, 1.18 193 Pg, Pg, 10 29 03.1 -0.5, etc. Lists various astronomical observations with their respective parameters and coordinates.

IDC 16 10:28:40.0, 0.7, 38: 15N, 117:87W, h0km, mb3.2/2, m1mp3, 2.9, ML3.3/6, MS3.1/9, Error ellipse: s-maj=9.3km s-min=8.0km az=37.0

NEIC 16 10:36:42.7, 0.5, 22:4S, 0:2x:179:47W, 0:05, h581km, 14km, mb4.2/2, Error ellipse: s-maj=29.0km s-min=7.1km az=176.0

IDC 16 10:36:43.2,0.22,230Sx:179.69W,h583km,22km,mb3.27, mbtmp4.2/9,Error ellipse: s-maj=26.4km s-min=20.3km az=155.0

ISC 16 10:36:42.5,0.6,22.3Sx:0.1x179.54W,0.09,h579km,n42, o054/40,mb4.2/17, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSVF Nonsavu, FUTU Fugatoga, NIUE Niue, etc.

IDC 16 10:44:51.3,7.6,706S,156.77E,h0km,mb3.9/5, mbtmp3.9/5,MS2.0/1,Error ellipse: s-maj=246.2km s-min=33.3km az=114.0,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRVT Keravat, WRA Warramunga Arr, H11S3 WAKE ISLAND Hy, etc.

NOU 16 11:12:20.7,14.65S,167.48E,h72km,mb3.9/6, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SANVU Saraoutou, KOUNC Koumenc, YATNC Mamie plateau, etc.

KOLA 16 11:13:05.7,67.52N,30.52E,h0km,ML1.7,Error ellipse: s-maj=5.5km s-min=2.5km az=40.0,Kovdor City, Mines, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like APAO Apatity Array, APA Apatity, KVDA Kovda, etc.

KOLA 16 11:14:03.7,67.48N,30.42E,h0km,ML2.2,Error ellipse: s-maj=4.4km s-min=2.2km az=40.0,Murmansk region, Kovdor district, Baltic States-Belarus-Northwestern Russia

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

Table with columns: KVDA, LZV, VADS, ARCES, FAUS. Includes stations like Kovda, Lovozero, Vadso, ARCES ARCESS Array B, Fauske.

NNC 16 11:15:56.0,3.5,36.86N,70.66E,h0km,mb4.0,mpv3.9, Error ellipse: s-maj=28.7km s-min=25.0km az=13.0, NEIC 16 11:15:57.0,0.8,36.55N,0.02,70.8E,0.1,h153km,13km, mb4,1/2,Error ellipse: s-maj=16.8km s-min=2.1km

IDC 16 11:15:57.9,4.36,60N,70.89E,h153km,63km,mb2.9/1, mbtmp3.8/6,MS3.0/1,Error ellipse: s-maj=103.6km s-min=75.8km az=118.0

ISC 16 11:15:56.8,0.9,36.48N,0.06,70.85E,0.07,h188km,n37, o268/50,2C-4D,Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KABL Kabul, CHGR Chuyangaron, BTX Batken, etc.

REN 16 11:49:30.2,1.1,38.19N,0.02,117.77W,0.02,h8km,4km, KCRC 16 11:49:30.2,1.1,38.22N,0.02,117.74W,0.03,h10km,2km, ML3.6/16,ML3.0/5(REN),Error ellipse: s-maj=4.2km s-min=3.1km az=242.0,Nevada

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRVT Keravat, WRA Warramunga Arr, H11S3 WAKE ISLAND Hy, etc.

IDC 16 11:22:42.2,4.7,19.50Sx:176.73W,h335km,46km,mb3.4/5, mbtmp4.1/6,Error ellipse: s-maj=41.3km s-min=21.6km az=65.0

ISC 16 11:22:43.0,2.6,19.4S,0.2,176.7W,0.3,h350km,n6, o094/8,mb3.6/5,Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like URZ Urewera, URZ Indian Mountain, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SMRT St. Maarten, ANWB Willy Bob, ANWB Willy Bob, etc.

IDC 16 11:45:46.9,4.5,48.39N,154.35E,h0km,mb3.6/2, mbtmp3.5/3,ML2.2/1,MS2.7/1,Error ellipse: s-maj=110.7km s-min=30.3km az=130.0

KRSC 16 11:45:52.9,2.0,48.67N,156.11E,h8km,33km,MI4.1, ISC 16 11:45:50.9,2.1,48.5N,0.2,154.9E,0.2,h43km,n30, o281/29,Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, PAU Paudhetka, KDR Koudutka, etc.

REN 16 11:49:30.2,1.1,38.19N,0.02,117.77W,0.02,h8km,4km, KCRC 16 11:49:30.2,1.1,38.22N,0.02,117.74W,0.03,h10km,2km, ML3.6/16,ML3.0/5(REN),Error ellipse: s-maj=4.2km s-min=3.1km az=242.0,Nevada

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NV11 Mina Array Sit, NV06 Mina Array Sit, NV07 Mina Array Sit, etc.

WHY	Whitehorse	24.95	340	I	Amb	I	Amb	11	56	26.6
WHY	Whitehorse	24.95	340	P	P	P	P	11	56	15.9 -1.1
P29M	Windy Craggy	24.97	336	P	P	P	P	11	56	15.7 -1.5
CLTN	Cedars of Leba	25.03	85	I	Amb	I	Amb	11	56	27.9
P30M	Million Dollar	25.11	337	P	P	P	P	11	56	17.4 -1.0
WRGLY	Wrigley	25.30	354	P	P	P	P	11	56	19.2 -0.8
O30N	Mendenhall	25.37	339	I	Amb	I	Amb	11	56	24.6
O30N	Mendenhall	25.37	339	P	P	P	P	11	56	19.4 -1.4
FCC	Fort Churchill	25.59	29	I	Amb	I	Amb	11	56	26.4
O29M	Mount Kennedy	25.76	336	P	P	P	P	11	56	23.2 -1.2
MMPY	Sheldon Lake	25.81	346	P	P	P	P	11	56	23.9 -0.9
HYT	Haines Junction	25.83	338	P	P	P	P	11	56	23.6 -1.5
O49A	Covington	25.85	75	I	Amb	I	Amb	11	56	44.8
N31M	Braeburn, Yuko	25.88	340	P	P	P	P	11	56	24.4 -1.0
M31M	Drury Creek, Y	26.13	342	P	P	P	P	11	56	26.7 -0.9
PINM	Pinnaacle	26.16	334	P	P	P	P	11	56	27.0 -1.0
YUK6	Outpost Mounta	26.18	337	P	P	P	P	11	56	27.3 -1.1
N30M	Aishikik Lake	26.22	339	P	P	P	P	11	56	27.8 -0.7
YUK4	Talbot Arm	26.58	337	P	P	P	P	11	56	30.9 -1.1
O28M	Mount Upton	26.64	335	I	Amb	I	Amb	11	56	43.0
O28M	Mount Upton	26.64	335	P	P	P	P	11	56	31.3 -1.2
BRWY	Burwash Landin	26.72	337	P	P	P	P	11	56	32.2 -0.8
MESA	MESA	26.82	333	P	P	P	P	11	56	33.1 -0.9
YUK8	Steele Glacier	26.88	336	P	P	P	P	11	56	33.6 -1.1
M30M	Minto, Yukon	27.05	341	P	P	P	P	11	56	35.4 -0.6
TKL	Tuckaleechee C	27.15	85	LR	LR	LR	LR	12	08	20.7
M29M	Somme Creek	27.40	339	P	P	P	P	11	56	37.9 -1.2
YUK3	Moose Creek	27.47	337	P	P	P	P	11	56	38.5 -1.5
KAIM	Kayak Island	27.57	331	P	P	P	P	11	56	39.0 -1.5
CRQE	Cirque	27.62	333	P	P	P	P	11	56	39.9 -1.3
L29M	L29M	27.84	340	P	P	P	P	11	56	42.5 -0.6
Q23K	Middleton Isla	28.02	329	P	P	P	P	11	56	43.8 -0.8
MCARA	McCarthy VSAT	28.04	334	P	P	P	P	11	56	44.2 -0.5
BVCY	Beaver Creek	28.08	337	P	P	P	P	11	56	44.3 -0.8
K29M	Barlow Dome	28.29	342	I	Amb	I	Amb	11	57	09.0
K29M	Barlow Dome	28.29	342	P	P	P	P	11	56	45.6 -1.5
BMRM	Bremner River	28.32	332	P	P	P	P	11	56	46.5 -0.8
M27K	Edge Creek, AK	28.36	336	P	P	P	P	11	56	46.4 -1.1
EYAK	Cordova Ski Ar	28.47	331	P	P	P	P	11	56	47.5 -1.1
J30M	Hart River	28.62	343	I	Amb	I	Amb	11	57	00.5
J30M	Hart River	28.62	343	P	P	P	P	11	56	49.2 -0.9
M26K	Nabesna, AK	28.75	336	P	P	P	P	11	56	50.0 -1.1
P23K	Montague Islan	28.79	329	P	P	P	P	11	56	50.3 -1.2
L27K	Beaver Creek,	28.86	337	P	P	P	P	11	56	50.9 -1.2
J29N	Klondike Camp	28.96	342	P	P	P	P	11	56	52.1 -1.0
CMIG	Matias Romero	29.02	130	LR	LR	LR	LR	12	10	01.7
KLU	Klutina	29.14	332	P	P	P	P	11	56	53.0 -1.7
BLKN	Baker Lake	29.15	19	P	P	P	P	11	56	55.0 +0.5
I30M	Mount Dempster	29.18	344	I	Amb	I	Amb	11	57	16.9
I30M	Mount Dempster	29.18	344	P	P	P	P	11	56	53.4 -1.7
GLI	Glacier Island	29.20	331	P	P	P	P	11	56	53.2 -1.9
H31M	Peel River	29.28	346	P	P	P	P	11	56	54.6 -1.2
L26K	Log Cabin Wild	29.31	336	P	P	P	P	11	56	54.9 -1.2
SADO	Sadowa	29.41	65	LR	LR	LR	LR	12	09	44.7
PAX	Paxon	29.46	335	P	P	P	P	11	57	00.3 -1.6
KDAK	Kodiak Island	29.97	322	LR	LR	LR	LR	12	07	04.5
KDAK	Kodiak Island	29.97	322	P	P	P	P	11	57	00.0 -1.9
DOT	Dot Lake	29.98	337	I	Amb	I	Amb	11	57	09.8
O22K	Cooper Landing	30.02	328	P	P	P	P	11	57	01.0 -1.4
KNK	Knik Glacier	30.05	331	P	P	P	P	11	57	01.3 -1.3
BRSE	Bradley Lake S	30.06	327	P	P	P	P	11	57	01.6 -1.1
OHAK	Old Harbor	30.08	321	P	P	P	P	11	57	01.9 -1.0
SCRK	Sand Creek	30.19	337	I	Amb	I	Amb	11	57	12.0
SCRK	Sand Creek	30.19	337	P	P	P	P	11	57	02.9 -1.1
I28M	Miner Creek	30.20	342	I	Amb	I	Amb	11	57	17.2
I28M	Miner Creek	30.20	342	P	P	P	P	11	57	03.0 -1.0
SML	Sawmill	30.24	331	P	P	P	P	11	57	03.3 -1.0
EPLYK	Eagle Plains	30.25	345	P	P	P	P	11	57	03.8 -0.6
G31M	Satah River	30.27	347	I	Amb	I	Amb	11	57	11.8
G31M	Satah River	30.27	347	P	P	P	P	11	57	03.4 -1.0
SII	Sitkinak Islan	30.28	319	P	P	P	P	11	57	03.7 -1.0
RIDG	Independent Ri	30.29	336	P	P	P	P	11	57	03.9 -0.9
RC01	Rabbit Creek A	30.37	329	P	P	P	P	11	57	04.5 -1.0
PMR	Palmer	30.42	330	P	P	P	P	11	57	04.7 -1.1
H29M	Whitestone	30.47	344	P	P	P	P	11	57	05.5 -0.8
WAT6	Susitna Watana	30.50	333	P	P	P	P	11	57	05.5 -1.2
F31M	Tsigheitchik	30.64	348	P	P	P	P	11	57	05.9 -1.8
I27K	Kandik River	30.75	341	P	P	P	P	11	57	07.7 -1.1
CHIR	Chirikof Islan	30.78	317	P	P	P	P	11	57	08.0 -1.1
G29M	Pine Creek	30.98	345	P	P	P	P	11	57	10.2 -0.6
O20K	Slope Mountain	31.05	326	P	P	P	P	11	57	10.0 -1.6
J25K	Salcha River,	31.07	337	P	P	P	P	11	57	10.4 -1.3
P19K	Oil Pt	31.11	325	P	P	P	P	11	57	11.1 -1.0
F30M	Barrier River	31.15	347	P	P	P	P	11	57	11.6 -0.7

H27K	Steamboat Moun	31.22	342	P	P	P	P	11	57	11.8 -1.2
CUT	Chulitna	31.33	331	P	P	P	P	11	57	13.1 -0.7
C36M	Pauluk	31.39	356	P	P	P	P	11	57	13.1 -1.2
INK	Inuvik	31.40	349	I	Amb	I	Amb	11	57	22.5
INK	Inuvik	31.40	349	P	P	P	P	11	57	13.2 -1.2
HDA	Harding Lake	31.43	336	P	P	P	P	11	57	14.2 -0.6
SPCR	Spurr Chakacha	31.43	328	P	P	P	P	11	57	13.5 -1.5
STLK	Strandline Lak	31.44	329	I	Amb	I	Amb	11	57	24.9
Q18K	Katmai Hardscr	31.50	323	P	P	P	P	11	57	14.1 -1.5
SKT	Skwentna	31.58	330	P	P	P	P	11	57	14.7 -1.4
L22K	Petersville	31.59	331	I	Amb	I	Amb	11	57	25.2
L22K	Petersville	31.59	331	P	P	P	P	11	57	14.5 -1.7
MCK	McKinley	31.65	334	P	P	P	P	11	57	15.5 -1.2
IL31	comp=Z,4.6nm,0.9s	31.65	337	I	Amb	I	Amb	11	57	20.5
ILAR	Eielson Array	31.65	337	P	P	P	P	11	57	18.6 +1.9
ILAR	comp=Z,2.3nm,0.8s,baz=152,slow=7.8,SNR=28	12	00	10.1	+1.6					
ILAR	comp=Z,1.0nm,0.9s,baz=185,slow=3.6,SNR=5.8	12	09	23.7						
ILAR	comp=Z,7.3nm,18.1s,baz=99,slow=35									
ILAR	comp=Z,2.3nm,0.8s	31.65	337	P	P	P	P	11	57	18.1 +1.4
G27K	Doyon Strip	31.71	342	P	P	P	P	11	57	16.1 -1.2
PRP	Porcupine Dome	31.76	338	I	Amb	I	Amb	11	57	26.2
PRP	Porcupine Dome	31.76	338	P	P	P	P	11	57	16.2 -1.6
R17L	Mt. Peulik Vol	31.78	320	P	P	P	P	11	57	16.3 -1.6
WRH	Wood River Hill	31.84	335	I	Amb	I	Amb	11	57	28.1
O19K	Port Alsworth	31.85	326	P	P	P	P	11	57	16.6 -1.8
CCB	Clear Creek Bu	31.86	336	I	Amb	I	Amb	11	57	21.8
P18K	Big Mountain,	31.91	324	P	P	P	P	11	57	17.5 -1.6
TRF	Thorofare Moun	31.95	333	P	P	P	P	11	57	18.0 -1.5
F28M	Old Crow	31.96	344	I	Amb	I	Amb	11	57	33.4
F28M	Old Crow	31.96	344	P	P	P	P	11	57	18.4 -1.1
COLA	Colleen	32.03	336	P	P	P	P	11	57	18.8 -1.2
POKR	Poker Plat Res	32.06	337	P	P	P	P	11	57	19.2 -1.1
O18K	Koktuh Hills	32.10	325	P	P	P	P	11	57	19.0 -1.7
M20K	Styx River	32.17	329	I	Amb	I	Amb	11	57	19.7 -1.7
N19K	Bonanza Creek	32.21	327	P	P	P	P	11	57	20.1 -1.7
E29M	Blow River	32.22	346	I	Amb	I	Amb	11	57	34.2
E29M	Blow River	32.22	346	P	P	P	P	11	57	21.1 -0.6
NEA2	Nenana	32.24	335	I	Amb	I	Amb	11	57	29.6
NEA2	Nenana	32.24	335	P	P	P	P	11	57	20.9 -1.0
Q16K	King Salmon	32.31	322	P	P	P	P	11	57	2

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

IDC 16:12:51.24.3z.2.3.21.67N.143.65E, h264km, 20km, mb3.3/8, mbmp3.9, Error ellipse: s-maj=70.2km s-min=12.7km az=79.0

IDC 16:12:51.23.7.2.0.21.6N.0.1x143.4E.0.6, h250km, n9, o584/10, mb3.77, Mariana Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Mariana Islands region.

JMA 16:12:54.42.1.0.4.21.1N.122.2E:0.9, h0km, MV3.4/10, TAIWAN REGION

MAN 16:12:54.43.0.20.57N.121.93E, h1km, MS3.0

ISN 16:12:54.45.9.4.8.21.0N.0.3:122.1E:0.1, h35km, n11, o151/15, Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations in the Philippine Islands region.

BUI 16:13:11.10.5.17.40S:174.20W, h80km, mb5.1/18, mb5.0/34, Ms4.7/11, Ms7.4/4/14

GFZ 16:13:11.12.6.17.40S:174.28W, h135km, MW5.4, Moment Tensor Solution, s32 Moment tensor: Mr=0.81; Mw=0.07; Ms=0.74; M=0.25; Mw=0.72; Mw=0.93; Fault plane solution: N P2=177.00000, 369.00000, 1.58.00000; N P2=29.7.00000; 837.00000; 1.144.00000; Principal axes: T 1.4200, P1g18.00000, Azm244.00000, N 0.0300, P1g29.00000, Azm345.00000; P -1.4500, P1g54.00000, Azm127.00000;

MOS 16:13:11.12.9.2.0.17.55S:174.33W, h85km, mb5.3/16 Error ellipse: s-maj=10.2km s-min=9.5km az=59.0

NEIC 16:13:11.13.1.1.6.17.6S:0.1x174.15W:0.08, h86km, 4km, mb5.3/493, Mw5.3/15, Error ellipse: s-maj=15.9km s-min=10.9km az=192.0

IDC 16:13:11.18.5.0.4.17.50S:174.25W, h132km, 3km, mb4.6/21, mbmp5.0/22, MS4.0/52, Error ellipse: s-maj=12.4km s-min=10.9km az=150.0

NOU 16:13:11.18.5.17.72S:174.06W, h143km, mb5.4/87, Tonga

Islands GCMT 16:13:11.19.6.0.1.17.51S:0.01x173.81W:0.01, h134km, MW5.4/18, Moment Tensor Solution, s129.c242; s148.c282; Duration: 1±3 Moment tensor: Scale 1017Nm; Mr=0.355; 02; Mw=0.13±0.02; Mw=0.10±0.1; Mw=0.82±0.02; Mw=1.46±0.1; Best double couple: M1.69800x10^22, Np1.32777x0.00000, s30.00000, 1.167.00000. NP2=176.00000, s84.00000, 1.61.00000. Principal axes: T 1.6120, P1g32.00000, Azm242.00000; N 0.1720, P1g29.00000, Azm353.00000; P -1.7840, P1g44.00000; Azm115.00000; nst1 refers to body waves, cut-off=40s, nst2 refers to surface waves, cut-off=50s. Triangular moment-rate function

ISC 16:13:11.17.4.0.3.17.73S:0.04x174.02W:0.03, h131km, 2km, h131km, P-P, n115, s1947/939, mb5.2/304, 49C-53D, Tonga Islands

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

CRAIG	Craig	80.71	22	P	P	13 23 14.2	-1.5
WAH2	Wahlake Slope	80.72	35	Iamb	Iamb	13 23 17.8	
BMO	Blue Mountains	80.83	37	Iamb	Iamb	13 23 18.4	
E08A	Dider Farm, El	80.84	35	Iamb	Iamb	13 23 18.5	
L18K	Granite Mounta	80.86	8	P	P	13 23 15.3	-1.0
MFID	Camas Ranch	80.86	39	Iamb	Iamb	13 23 18.8	
M19K	Big River Lodg	80.89	9	P	P	13 23 15.8	-0.8
STLK	Strandline Lak	80.92	11	Iamb	Iamb	13 23 52.3	
RC01	Rabbit Creek A	80.93	12	Iamb	Iamb	13 23 53.3	
RC01	Rabbit Creek A	80.93	12	P	P	13 23 16.1	-0.7
HIN	Hinchinbrook I	80.97	13	Iamb	Iamb	13 23 17.6	
KAIM	Kayak Island	81.03	15	P	P	13 23 16.3	-1.1
M20K	Styx River	81.06	10	P	P	13 23 16.4	-1.2
L19K	White Mountain	81.08	9	P	P	13 23 16.8	-0.8
NJ2	Nanjing	81.09	308	eP	pmax	13 23 17.8	-0.5
K17K	Iditarod	81.13	7	P	P	13 23 17.7	-0.1
V35K	Ketchikan	81.15	23	Iamb	Iamb	13 23 19.7	
V35K	Ketchikan	81.15	23	P	P	13 23 16.9	-1.2
HVU	Henry Mountain	81.17	46	Iamb	Iamb	13 23 21.2	
SIT	Sitka	81.20	20	P	P	13 23 17.6	-0.6
U33K	Whale Pass	81.21	22	P	P	13 23 16.9	-1.4
D08A	Wollman Farm,	81.26	35	Iamb	Iamb	13 23 20.7	
EYAK	Cordova Ski Ar	81.27	14	P	P	13 23 18.2	-0.4
EYAK	Cordova Ski Ar	81.27	14	P	P	13 23 17.9	-0.7
GLI	Glacier Island	81.28	13	P	P	13 23 17.9	-0.8
09A	Wood Farm, Sta	81.35	35	Iamb	Iamb	13 23 20.8	
RAGM	Ragged Mountain	81.38	14	Iamb	Iamb	13 23 20.1	
SKT	Skwentna	81.43	11	P	P	13 23 17.8	-1.6
J16K	Anvik River	81.43	6	P	P	13 23 19.5	+0.1
M22K	Willow	81.47	11	P	P	13 23 19.0	-0.5
KNK	Knik Glacier	81.48	12	Iamb	Iamb	13 23 20.3	
KNK	Knik Glacier	81.48	12	P	P	13 23 19.4	-0.3
PMR	Palmer	81.51	12	Iamb	Iamb	13 23 56.3	
PMR	Palmer	81.51	12	P	P	13 23 19.1	-0.7
PMR	Palmer	81.51	12	P	P	13 23 19.3	-0.5
F10A	Beach Ranch, E	81.54	36	Iamb	Iamb	13 23 21.8	
BERG	Berg Lake	81.61	15	Iamb	Iamb	13 23 22.3	
S31K	Pelican	81.64	19	P	P	13 23 20.5	0.0
DSRI	Dabo	81.66	272	P	P	13 23 24.3	+2.5
J17K	VABM Dome	81.70	7	P	P	13 23 21.5	+0.7
WRAK	Wrangell Islan	81.72	22	Iamb	Iamb	13 23 22.6	
WRAK	Wrangell Islan	81.72	22	P	P	13 23 20.9	-0.1
PLID	Pearl Lake	81.72	37	Iamb	Iamb	13 23 23.2	
S32K	Killsnoo	81.78	20	P	P	13 23 20.9	-0.4
BELA	Belgrano 2	81.79	172	P	P	13 23 22.6	+1.3
DIV	Divide	81.79	13	Iamb	Iamb	13 23 22.0	
HLID	Hailey	81.80	39	Iamb	Iamb	13 23 24.3	
MESA	MESA	81.86	16	P	P	13 23 22.1	+0.1
SML	Sawmill	81.86	12	P	P	13 23 20.9	-0.8
BMRM	Bremner River	81.91	14	Iamb	Iamb	13 23 58.8	
BMRM	Bremner River	81.91	14	P	P	13 23 21.7	-0.3
SRU	San Rafael Swe	81.91	45	Iamb	Iamb	13 23 25.1	
CTU	Camp Tracy	81.92	43	Iamb	Iamb	13 23 24.7	
P17A	Butcher Ranch,	81.95	44	Iamb	Iamb	13 23 25.5	
M23K	Glacier View	81.97	12	P	P	13 23 21.7	-0.6
VHRN	Van Horn	81.99	54	Iamb	Iamb	13 23 26.0	
I17K	Unalakleet	82.01	6	P	P	13 23 23.0	+0.6
CUTK	Chullina	82.05	11	P	P	13 23 21.9	-0.7
C09A	Chrisman Ranch	82.06	34	Iamb	Iamb	13 23 24.6	
L22K	Petersville	82.07	11	Iamb	Iamb	13 23 22.8	
L22K	Petersville	82.07	11	P	P	13 23 21.8	-1.0
CRQE	Cirque	82.08	15	P	P	13 23 22.9	-0.1
KLU	Klutina	82.08	13	Iamb	Iamb	13 23 59.5	
KLU	Klutina	82.08	13	P	P	13 23 22.7	-0.3
SCM	Sheep Creek Mo	82.09	12	P	P	13 23 22.7	-0.3
KLR	Kul'dur	82.14	328	LR	LR	13 54 29.9	
KLR	Kul'dur	82.14	328	iP	pmax	13 23 22.3	-1.1
KLR	Kul'dur	82.14	328	iP	pmax	13 23 23.1	-0.4
PPLA	Purkeypile	82.17	10	P	P	13 23 23.1	-0.4
M22A	Magadan	82.19	343	LR	LR	13 56 47.6	
PINM	Pinnacle	82.24	16	P	P	13 23 23.3	-0.5
ANM	Norme River	82.30	4	P	P	13 23 23.7	-0.2
PMSA	Palmer Station	82.30	156	LR	LR	13 50 34.6	
K20K	Telida	82.31	9	P	P	13 23 23.4	-0.7
P18A	Preston Nutter	82.36	44	Iamb	Iamb	13 23 27.6	
GRNC	Granite Creek	82.39	15	Iamb	Iamb	13 23 25.7	
TXAR	Lajitas Array	82.40	56	P	P	13 23 27.0	+1.6
TXAR	Lajitas Array	82.40	56	pP	pP	13 23 60.0	+1.9
TXAR	Lajitas Array	82.40	56	P	P	13 23 26.7	+1.3
BNX	BNX	82.42	323	iP	pP	13 23 24.0	-0.9
BNX	BNX	82.42	323	PP	PP	13 26 35.1	-0.9
BNX	BNX	82.42	323	S	S	13 33 33.3	+3.0
BNX	BNX	82.42	323	sS	sS	13 34 09.6	-0.9
BNX	BNX	82.42	323	pmax	pmax		
BNX	BNX	82.42	323	LR	LR		

comp=Z,170nm,20.6s	LR	LR					
BNX	comp=Z,110nm,19.0s	LR	LR				
R32K	Eaglecrest	82.44	20	P	P	13 23 24.1	-0.6
BSUT	Blindstream Ca	82.48	43	Iamb	Iamb	13 23 28.2	
JIS	Juneau Island	82.48	20	P	P	13 23 24.9	0.0
CN2	Changchun	82.49	321	P	P	13 23 26.8	+1.4
CN2	CN2	82.49	321	sP	sP	13 23 55.4	-2.6
CN2	CN2	82.49	321	LR	LR	13 33 33.8	+2.7
CN2	comp=Z,70nm,14.0s	LR	LR				
GLB	Gilahina Butte	82.51	14	Iamb	Iamb	13 24 02.0	
P29M	Windy Craggy	82.55	18	Iamb	Iamb	13 23 26.9	
P29M	Windy Craggy	82.55	18	P	P	13 23 25.6	+0.2
PV17	East Wray Mesa	82.56	46	Iamb	Iamb	13 23 28.4	
PV14	Lion Creek, Pa	82.56	46	Iamb	Iamb	13 23 28.4	
M24K	Tolena Glenn	82.58	13	P	P	13 23 25.6	+0.1
PV13	Radium Mtn., P	82.59	46	Iamb	Iamb	13 23 28.6	
PV16	Nyswonger Mesa	82.60	46	Iamb	Iamb	13 23 28.7	
KSI	Kapahiang	82.60	269	P	P	13 23 27.8	+1.0
H16K	Elim	82.61	5	P	P	13 23 25.8	+0.4
PV03	Paradox Valley	82.62	46	Iamb	Iamb	13 23 28.8	
PV11	David Mesa, Pa	82.63	46	Iamb	Iamb	13 23 29.5	
mcARA	McCarthy VSAT	82.64	14	P	P	13 23 25.6	-0.2
PV04	Paradox Valley	82.65	46	Iamb	Iamb	13 23 28.9	
LOGN	Logan Glacier	82.66	16	Iamb	Iamb	13 23 27.0	
PV21	Cone Mtn., Par	82.68	46	Iamb	Iamb	13 23 29.2	
WAT6	Susitna Watana	82.68	12	P	P	13 23 25.7	-0.5
J19K	Pooman	82.70	8	P	P	13 23 25.9	-0.1
ANMO	Albuquerque	82.75	50	LR	LR	13 56 19.7	
ANMO	Albuquerque	82.75	50	Iamb	Iamb	13 23 29.9	
ANMO	Albuquerque	82.75	50	Iamb	Iamb	13 23 29.9	
ANMO	Albuquerque	82.75	50	dP	pmax	13 23 28.5	+1.3
ANMO	comp=Z,46nm,1.4s	82.75	50	P	P	13 23 28.1	+0.9
ANMO	Paradox Valley	82.75	46	Iamb	Iamb	13 23 29.3	
WAT1	Susitna Watana	82.75	11	P	P	13 23 25.8	-0.5
PV22	Blue Mesa, Par	82.80	46	Iamb	Iamb	13 23 29.7	
PLBC	Pleasant Cam	82.81	18	P	P	13 23 26.9	+0.3
BCYI	Bear Canyon	82.82	39	Iamb	Iamb	13 23 29.6	
G15K	Niukluk	82.82	4	P	P	13 23 26.8	+0.3
O28M	Mount Upton	82.83	16	P	P	13 23 26.8	-0.3
PV07	Paradox Valley	82.85	46	Iamb	Iamb	13 23 31.4	
O29M	Mount Kennedy	82.87	17	P	P	13 23 27.2	+0.1
T35M	Bob Quinn	82.90	22	P	P	13 23 26.0	-1.2
PV15	Paradox Valley	82.92	46	Iamb	Iamb	13 23 30.1	
NEW	Newport	82.96	34	LR	LR	13 56 06.4	
KTH	Kanaha Hill	83.00	10	Iamb	Iamb	13 23 28.5	
TRF	Thorofore Moun	83.01	10	P	P	13 23 26.9	-0.9
HARP	HAAR	83.05	13	P	P	13 23 27.4	-0.5
CHUM	Chum Lake Minchum	83.08	9	P	P	13 23 26.8	-1.1
J20K	Nowita River	83.08	9	P	P	13 23 27.8	-0.1
H17K	Granite Mounta	83.11	6	P	P	13 23 27.8	-0.4
SKAG	Skagway	83.13	19	Iamb	Iamb	13 23 30.3	
SKAG	Skagway	83.13	19	P	P	13 23 28.9	+0.6
SKAG	Skagway	83.13	19	P	P	13 23 28.7	+0.5
F14K	Arctic Creek	83.15	3	P	P	13 23 28.1	-0.2
P30M	Million Dollar	83.18	18	P	P	13 23 28.9	+0.2
DHY	Denali Highway	83.20	12	P	P	13 23 28.1	-0.7
QIZ	Qiongzong	83.22	292	P	pP	13 23 28.3	-1.4
QIZ	Qiongzong	83.22	292	sP	sP	13 24 01.3	-1.0
QIZ	Qiongzong	83.22	292	S	S	13 33 40.4	+0.8
QIZ	Qiongzong	83.22	292	pmax	pmax	13 39 08.0	+0.4
QIZ	comp=Z,120nm,5.5s	LR	LR				
GCSA	Galena City	83.26	7	P	P	13 23 29.3	+0.5
RDMU	Red Mountain	83.28	44	Iamb	Iamb	13 23 31.6	
S34M	Telegraph Cree	83.29	21	Iamb	Iamb	13 23 31.0	
S34M	Telegraph Cree	83.29	21	P	P	13 23 29.2	+0.1
YUK8	Steele Glacier	83.37	16	P	P	13 23 29.4	-0.5
ECR	Eagle Creek	83.39	41	Iamb	Iamb	13 23 32.2	
AHD	Auburn Hatcher	83.41	41	Iamb	Iamb	13 23 33.0	
YUK6	Outpost Mounta	83.46	17	P	P	13 23 29.9	-0.4
F15K	North Star Dit	83.48	4	P	P	13 23 29.9	-0.1
H18K	Honhosa River	83.48	7	P	P	13 23 29.7	-0.3
BPWA	Bear Paw Mtn.	83.49	10	P	P	13 23 28.7	-1.4
PAX	Paxson	83.50	13	P	P	13 23 29.6	-0.6
MCK	McKinley	83.51	11	P	P	13 23 29.3	-0.9
M26K	Nabesna, AK	83.54	14	Iamb	Iamb	13 23 32.1	
M26K	Nabesna, AK	83.54	14	P	P	13 23 30.2	-0.2
G17K	Kiwaliik Mounta	83.59	6	P	P	13 23 30.4	-0.1
HYT	Haines Junctio	83.60	17	Iamb	Iamb	13 23 32.4	
HYT	Haines Junctio	83.60	17	P	P	13 23 31.0	+0.1
YUK3	Moose Creek	83.61	15	P	P	13 23 30.8	-0.3
I20K	Naaghedeneel	83.62	8	Iamb	Iamb	13 24 08.7	
I20K	Naaghedeneel	83.62	8	P	P	13 23 31.0	+0.3
BRWY	Burns Landing	83.64	16	P	P	13 23 30.9	0.0
Q32M	Nakina River	83.71	20	P	P	13 23 31.7	+0.1
YUK4	Talbot Arm	83.72	16	P	P	13 23 32.0	+0.4
P32M	Atlin	83.73	19	P	P	13 23 31.7	+0.3
M27K	Edge Creek, AK	83.76	14	Iamb	Iamb	13 23 33.2	

comp=Z,47nm,1.0s	83.76	14	P	P	13 23 31.9	+0.3	
M27K	Edge Creek, AK	83.76	14	P	P	13 23 31.9	+0.3
MENT	Mentasta	83.84	13	Iamb	Iamb	13 23 33.2	
MENT	Mentasta						

16d 13h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like E17K Hotham Inlet, POKR Poker Flat Res, OZNA Ozona, etc.

2020 MAY

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like D20K Etlivuk River, D20K Etlivuk River, E21K Kiklik River, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like TROLL VNA3 Neumayer Olymp, SNAAS Sanae, SNAAS Sanae, etc.

Table with columns: Station Name, Coordinates, Magnitude, and other parameters. Includes stations like NOA, HFS, KBZ, MNK, etc.

Table with columns: Station Name, Coordinates, Magnitude, and other parameters. Includes stations like ZVC, KIRS, DOUR, etc.

Table for JMA 16:13:29.29.3.0.0, 36.81N, 0.09.140.6E, 0.2, h10km, MW0.8/32, NORTHERN IBARAKI PREF, Near east coast of eastern Honshu

Table for JMA 16:13:29.36.0.0.1, 37.47N, 0.4.141.7E, 0.8, h43km, 2km, MW1.9/29, E OFF FUKUSHIMA PREF, Near east coast of eastern Honshu

BUT 16:13:37.09.1.0.0, 44.45N, 115.22W, h9km, 1km, ML2.8/23, Error ellipse: s-maj=0.0km s-min=0.0km az=90.0

NEIC 16:13:37.08.8.1.4, 44.46N, 115.20W, 0.03, h10km, 2km, az=2.5/50, Error ellipse: s-maj=4.1km s-min=3.1km

Table with columns: Station Name, Coordinates, Magnitude, and other parameters. Includes stations like PLID, MFID, BCI, BMO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include PVY Plav, PDG Podgorica, BUM Brajici-Budva, SRN Sarande, IVA Berane, CEME Cevo, KOME Kolasin, NKME Niksic, BARS Barje, IGOU igoumenitsa, IGOU igoumenitsa, HCY Herceg Novi, BOSS Bosilegrad, SELS Selova, SJS Sjenica, TREB Trebinje, BRY Bratogost, UPM Unac-Piva, IVAS Ivanjica, GOCs Kraljevo Serbi, ZAPS Zavoj, ZAGS Zajecar.

IDC 16:14:20:57.2,2,4,30,215x176.55W,h0km,mb3.6/2, mbtmp3.7/3,ML3.3/1,MS3.1/2, Error ellipse: s-maj=43.8km s-min=29.1km az=76.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include RAO Raoul Island, URZ Urewera, AFI Afiamalu, ASAR Alice Springs, WRA Warramunga Arr, SNA Sanae, FINES FINESS Array B.

IDC 16:14:31:59.5,7.2,4,04As:136.84E,h0km,mb3.6/2, mbtmp3.7/4,ML3.9/2, Error ellipse: s-maj=349.1km s-min=28.7km az=83.0, DJA 16:14:32:07.0,2,4,S.3.3:13.6E, h64km,8km,M4.2/15, mb4.9/3,mb4.3/13,ML4.1/15,MW(MB)4.2/3, ISC 16:14:32:06.7,1,0,4,28BS:0.07x135.9E:0.1,h35km,n15, +r175/17,Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include KMPI Kaimana, SRPI Serui, BAKI Biak, RPKI Ransiki, FAKI Fak Fak, GENI Genyem, SJI Sorong, SMI Sorong, MMPI Merauke, SANI Sanana, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, MKAR Makanchi Array, KURRB Kurchatov Arra.

MOS 16:14:42:26.8,0.8,43.95N:140.22E,h231km,mb4.2/16, Error ellipse: s-maj=7.6km s-min=6.0km az=94.2, SKHL 16:14:42:26.8,0.8,43.90N:140.20E,h216km,5km,mb5.0/11, msh5.1/8

IDC 16:14:42:26.8,1.3,44.01N:140.28E,h217km,12km, mb3.7/27,mbtmp4.3/34, Error ellipse: s-maj=10.3km s-min=8.3km az=116.0

NIED 16:14:42:27.5,43.91N:140.21E,h232km,MW4.2, Moment Tensor Solution, s3 Moment tensor: Scale 10^19Nm; Mn=2.01; Mw=1.34; Mxx=0.67; Myy=0.50; Mzz=1.60; Mxy=0.29; Fault plane solution: M2=43000x10^15 NP1; 6s=147.00000; 8s=0.00000; 1s=0.00000; NP2; 6s=291.00000; 8s=0.00000; 1s=115.00000;

JMA 16:14:42:27.5,0.2,43.9N:0.7,74.10E, h232km,1km, MV3.7/38,NW OFF SHAKOTAN PEN

ISC 16:14:42:27.9,0.4,43.91N:0.04:140.26E:0.04,h228km,3km, n379,r123/432,mb4.1/50,13C-36D,Hokkaido region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include JYG Yagishiri, JISS Ishikarishitsu, JHR Hokuryu, JSS Shosan, JSH Shimam, JEW Eniwo, JRB Rebutunt, JKK2 Kamakawa 2, JKW2 Keihoku, JOSM Okushiri-Mats.

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include JOSM Soyasa, JOHM Oshimamatsumae, JINK Urakawa-nobuka, JOT Ohata, JCH Churui, JASH Ashorobuto, JTKR Abashiri-Toko, TEY Ternei, TEY Ternei, AKK Akkeshi, JRA Rausu, YSS Yuzhno-Sakhali, RUSJ Misakicho, JANG Nango, GLVR Golovmino, GLVR Golovmino, NMR Nemuro-Hokkai, NMR Nemuro-Hokkai, YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, UGL Uglegorsk, UGL Uglegorsk, KUR Kuril'sk, KUR Kuril'sk, USKR Ussuriysk Ar, VLA Vladivostok, VLA Vladivostok, PSTR Posyet, PSTR Posyet, TYV Tymovskoe, TYV Tymovskoe, MAJO Matsushiro, MJAR Matsushiro Arr, KLR Kul'dur, KLR Kul'dur, KSR Korea Array, KSR Korea Array, SKR Severo-Kuril's, SKR Severo-Kuril's, ZEA Zeya, ZEA Zeya, JUN Nakatsuyu.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include PAU Puzhetka, PEAOB Petropavlovsk, PETK Petropavlovsk, MA2 Magadan, MA2 Magadan, MA2 Magadan, YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, SEY Seymchan, SEY Seymchan, ULN Ulanbaatar, ULN Ulanbaatar, TLY Talaya, TLY Talaya, TIXI Tiksi, TNA Tin City, M11K Mekoryuk, UNV Unalaska Valle, F14K Arctic Creek, ANM Anadyr, K13K Kusilvsk Mount, F15K North Star Dit, ZALV Zalesovo Beam, ZALV Zalesovo Beam, G15K Niul'shok, M13K Dall Lake, C16K Lisburne Hills, FALS False Pass, L14K Kuka Creek, M14K Bethel, H16K Elim, D17K Nostak River, N14K Kuskokwak Cree, C17K Delom Mountain, RD0G Red Dog Mine, K15K Wolf Creek Mou, L15K Ungalak Mounta, O14K Tiguykaiuet M, E17K Hotham Inlet, M15K Kasiglik River, I17K Utkalekt, J16K Anvik River, G17K Kwailk Mounta, C18K Utukok River, N15K Kwethluk River, E18K Tukpahleark C, H17K Granite Mounta, O15K Ungalikthi R, L16K Owhat River, SDPT Sand Point, A19K Wainwright, F18K Selawik, J17K VABM Dome, M16K Timber Creek, C19K Lookout Ridge, N16K Nishik Lake, G18K Tagagakuy, H18K Honhosa River, K17K Gittarod, L17K Donlin, CHNA Chernabura Isl, O16K Kokwok River B, F19K Shalruckik Mo, D19K Kuna River, M17K Holtina River, G19K Purcell Mounta, E19K Redstone River, GCSA Galena City Sc, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, N17K Nushagak Hills, O17K Koliganek Bris, R16K Pilot Point, L18K Granite Mounta, H19K Roundabout Mou.

Table with columns: BOOM, KBK, KBK, CHMS, CHMS, CHMS, KRBS, KRBS, KRBS, FRU1, FRU1, SGDS, SGDS, USP, USP, USP, ULHL, ULHL, ULHL, AAK, AAK, AAK, TNS5, TNS5, TNS5, KNDC, KNDC, MDOK, MDOK, KOTS, KOTS, KOTS, UCH, UCH, UCH, EK52, EK52, EK52, ARLS, ARLS, MRKS, MRKS, MRKS, ARXS, ARXS, ARXS, ARXS, JNKS, JNKS, SATY, SATY, SATY, PRZ, PRZ, KPKS, KPKS, KPKS, BLB, BLB, MNAS, MNAS, UZB, UZB, UZB, SHLS, SHLS, SHLS, PDGK, PDGK, PDGK, KNO5, KNO5, DJR, DJR, DJR, DJR, KK31

Table with columns: KK31, MAKZ, MAKZ, MK31, MK31, KURBB, KURBB, KURK, KURK, IDC 16 15:24:17.7-1.1, ATH 16 15:24:21.8-0.7, IDC 16 15:24:17.5-1.8, Code, ZKR, ZKR, ZKR, STIA, NPS, NPS, NPS, IDI, IDI, IDI, GVD, GVD, GVD, VAM, VAM, VAM, KARP, KARP, KARP, IMMV, IMMV, IMMV, CHAN, THERA, THERA, SNT5, SNT5, ANKY, ANKY, VLI, VLI, SLTI, SLTI, MMA0B, MMA0B, MMA1, MMA1, MMLI, MMLI, MMLI, YTR, YTR, YTR, HMDT, HMDT, HMDT, DSI, DSI, BRTR, BRTR, BRTR, MSBI, MSBI, MSBI, KRMI, KRMI, KRMI, PRNI, PRNI, PRNI, ZFRI, ZFRI, ZFRI, HRFI, HRFI, HRFI, EIL, EIL, EIL, ARSA, ARSA, KBA, KBA, ABTA, ABTA, MOA, MOA, LESA, LESA, AKASO, AKASO, WTTA, WTTA, WATA, WATA, SOTA, SOTA, GERES, GERES, DAVOX, DAVOX, RETA, RETA, DAVA, DAVA, ESDC, ESDC, FINES, FINES, NOA, NOA, EKA, EKA, TORD, TORD, KURBB, KURBB, MKAR, MKAR, ZALV, ZALV, YKA, YKA

Table with columns: KODAK, YBH, IDC 16 15:30:02.4-1.1, Code, GUMO, WRA, ASAR, MKAR, KURBB, ILAR, YKA, IDC 16 15:31:41.5-1.9, Code, H04N2, H04N1, H04N3, H08S1, H08S2, H08S3, H01W2, H01W3, H01W1, CMAR, ASAR, WRA, YKA, ULM, IPEC 16 15:32:13.4-0.2, IDC 16 15:32:15.0-0.9, VIE 16 15:32:15.3-0.6, PRU 16 15:32:16.2-5.1, Code, KSP, CHVC, CHVC, UPC, DPC, DPC, PIVO, PIVO, PIVO, PVCC, PVCC, PVCC, RICC, ANAC, ANAC, ANAC, RYBC, RYBC, RYBC, PRU, PRU, PRU, HSKK, HSKK, HSKK, CLL, CLL, CLL, MORC, MORC, MORC, VRAC, VRAC, VRAC, VRAC, TREX, TREX, ZVC, ZVC, KRUC, KRUC, STAC, STAC, STAC, STAC, OJC, OJC, OJC, JAVC, JAVC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KHC Kasperske Hory, GERES GRESS Array B, LANS Liptovska Anna, etc.

IDC 16:15:32:18.9,7.3,51.59N:178.20W, h0km, mb3.4/4, mbtmp3.6/5, ML4.2/1, Error ellipse: s-maj=141.1km s-min=65.6km az=93.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KOWE Korovin West, ATKA Atka Island, etc.

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

IDC 16:15:33:22.3,2.1,57.81S:23.65W, h0km, mb4.2/3, mbtmp4.2/3, 3D, Error ellipse: s-maj=179.2km s-min=38.7km az=81.0, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

IDC 16:15:43:36.9,2.6,31.04S:59.31E, h0km, mb3.7/3, mbtmp3.7/3, Error ellipse: s-maj=80.6km s-min=48.5km az=48.0, Southwest Indian Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like H04N2 CROZET ISLANDS, H04N3 CROZET ISLANDS, etc.

IDC 16:15:49:49.0,1.8,52.38N:169.36W, h0km, mb3.6/7, mbtmp3.6/10, ML3.3/3, Error ellipse: s-maj=47.7km s-min=19.1km az=179.0

NEIC 16:15:49:51.7,1.9,52.1N:0.1:169.3W:0.1, h18km, 10km, ML3.3/8, ML3.0(AEIC), Error ellipse: s-maj=22.3km s-min=3.7km az=148.0

AEIC 16:15:49:51.1,2.9,52.2N:0.1:169.5W:0.1, h17km, 8km, Error ellipse: s-maj=19.2km s-min=6.2km az=145.0

IDC 16:15:49:49.4,3.3,52.1N:0.1:169.34W:0.08, h9km, 19km, n31, n1957/34, mb3.4/7, Fox Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OKSP Okmok Steeple, OKTE Okmok Cone E, etc.

IDC 16:15:50:56.0,0.4,41.42N:19.73E, h21km, 2km, Md2.8/6, ML2.6/5

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

PDG 16:15:50:57.4,0.0,41.61N:19.57E, h12km, ML2.3/10, Error ellipse: s-maj=0.1km s-min=0.2km az=0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like TIR Tirane, TIR 4.0nm,0.2s, etc.

IDC 16:15:50:54.9,1.0,41.47N:0.02:19.61E:0.03, h8km, 8km, n37, n0594/69, Albania

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SDA Shkodra, SDA 0.3nm,0.4s, etc.

IDC 16:15:50:56.0,0.4,41.42N:19.73E, h21km, 2km, Md2.8/6, ML2.6/5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SRN Bratogost, BRY Bratogost, etc.

BGSI 16:15:53:18.9,1.4,18.32S:26.60E, h0km, 19km, ML2.5, Presumed earthquake

BUL 16:15:53:22.3,0.7,18.52S:26.17E, h10km, MD3.2, Presumed earthquake

IDC 16:15:53:20.1,0.9,18.58S:0.05:26.31E:0.06, h10km, n8, n170/15, Zimbabwe

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KSANE Kasane, SOOWA Sowa, etc.

IDC 16:16:06:47.7,0.7,52.32N:169.55W, h0km, mb4.6/33, mbtmp4.6/35, ML4.4/2, MS3.9/68, Error ellipse: s-maj=20.2km s-min=11.4km az=174.0

AEIC 16:16:06:49.3,4.5,52.08N:0.1:169.3W:0.1, h9km, 4km, Error ellipse: s-maj=15.3km s-min=7.5km az=155.0

NEIC 16:16:06:53.1,2.0,52.3N:0.1:169.5W:0.1, h35km, 2km, mb4.5/212, ML4.8/18, ML4.4(AEIC), Error ellipse: s-maj=19.0km s-min=7.9km az=152.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IDC 16:16:06:52.8,0.8,52.11N:0.07:169.35W:0.04, h41km, 5km, n669, n1910/562, mb4.8/149, MS4.0/72, 3D, Fox Islands

16d 16h

Table with columns for station ID, name, elevation, distance, and various performance metrics. Includes stations like M29M Somme Creek, M29M Somme Creek, M29M Somme Creek, etc.

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Table with columns for station ID, name, elevation, distance, and various performance metrics. Includes stations like E29M Blow River, H31M Peel River, H31M Peel River, etc.

990

Table with columns for station ID, name, elevation, distance, and various performance metrics. Includes stations like PV13 Radium Mtn., JCJ Chichijima, ULM Lac du Bonnet, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like ZALV, ARCES, JETT, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like KSH2, RAR, SHL, AK21, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like QLP, AS15, ASAR, etc.

IDC 16:14:20.8, 2.9, 29.86N, 68.49E, h0km, mb3.6/6, mbtm3.7, ML2.9/1, MS3.0, Error ellipse: s-maj=98.9km s-min=26.4km az=86.0

ISC 16:14:24.4, 2.3, 29.9N, 0.2, 68.6E, 0.5, h20km, n8, r1514/7, mb3.7/5, Pakistan

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like AAK, MKAR, KURBB, etc.

SFS 16:17:58.8, 36.22N, 5.20W, h14km, ML2.9/11, ML2.8/14, ES162.8/14

IGIL 16:16:18.00, 6.36, 48N, 5.28W, h3km CNRM 16:16:18.00, 5.36, 48N, 4.98W, h8km, ML2.1

MDD 16:16:18.0, 4.0, 3.6, 48N, 5.28W, h3km, 2km, mb_Lg2.8/27, Error ellipse: s-maj=2.6km s-min=1.6km az=169.0

INMG 16:16:18.02, 0.1, 6.36, 43N, 5.32W, h20km, 3km, ML2.4, Error ellipse: s-maj=2.7km s-min=2.3km az=130.0

#DIST_RANGE: REGIONAL #PMA REGION: N Gibraltar ISC 16:16:18.00, 0.9, 36.53N, 0.02, 5.27W, 0.02, h9km, r7km, n64, r1919/140, 1C, Strait of Gibraltar

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like EJIF, EMIJ, EXAGE, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, ISC, h, m, s, Res, ISC. Includes stations like SPITS, HOPEN, BRBA, BRBB, KBS, etc.

NEIC 16 17:49:59.9, 1.9, 38.166N, 0.010, 118.04W, 0.02, h7km, 4km, ML3.3/142, ML3.6/7(REN), Error ellipse: s-maj=2.0km s-min=1.4km az=74.0

REN 16 17:49:60.0, 1.1, 38.152N, 0.010, 118.02W, 0.02, h7km, 4km, Error ellipse: s-maj=2.0km s-min=1.4km az=72.0

IDC 16 17:50:00.4, 1.9, 38.12N, 118.04W, h0km, mb3.1/1, mbtmp3.0/2, ML3.5/1, Error ellipse: s-maj=16.1km s-min=8.4km az=26.0

ISC 16 17:50:00.1, 1.1, 38.15N, 0.02, 118.03W, 0.03, h4km, 4km, n131, 0.0998/145, California-Nevada border region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, ISC, h, m, s, Res, ISC. Includes stations like NV11, NV06, NV07, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, ISC, h, m, s, Res, ISC. Includes stations like MFS, PEAR, MPMC, WVRM, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, ISC, h, m, s, Res, ISC. Includes stations like BLYC, MPU, SPUT, etc.

IDC 16 17:58:21.1, 1.1, 55.48S, 30.35W, h0km, mb4.0/4, mbtmp4.0/4, MS3.4/9, Error ellipse: s-maj=66.0km s-min=25.0km az=90.0

NEIC 16 17:58:22.5, 1.2, 55.65S, 0.07, 30.1W, 0.2, h10km, 1km, mb4.4/10, Error ellipse: s-maj=18.3km s-min=11.8km az=71.0

ISC 16 17:58:22.7, 0.6, 55.6S, 0.1, 30.3W, 0.1, h10km, n45, 0.1920/34, mb4.4/4, MS3.5/7, 4C, South Sandwich Islands region

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, ISC, h, m, s, Res, ISC. Includes stations like HOPE, VNA1, VNA3, etc.

DJA 16 18:12:14.9, 0.2, 0.5, 123.3E, h99km, 4km, M3.7/24, mb4.4/1, mb3.8/5, MLV3.7/24, Mw(mb)3.6/1, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, ISC, h, m, s, Res, ISC. Includes stations like GTOI, LUYU, LWSI, etc.

IDC 16 18:20:21.7, 3.1, 27.58N, 53.05E, h0km, mb3.6/5, mbtmp3.6/5, Error ellipse: s-maj=63.1km s-min=35.9km az=157.0

TEH 16 18:20:23.2, 7.2, 68N, 53.06E, h8km, 27km, ML3.4, Presumed earthquake

ISC 16 18:20:25.2, 0.9, 27.85N, 0.05, 53.07E, 0.05, h20km, n17, 0.1963/19, mb3.9/3, Southern Irian

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, ISC, h, m, s, Res, ISC. Includes stations like KHL1, LMR1, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like ASGA, CSS, ATHAL, MVOU, LFK, PARAL, TEKE, EREN, GAZI, GULN, TISA, YESI, BERE, IKL, TEVE, KEBE, SILI, HDMB, KEPZ, KRMM, KKBE, AKUM, BHL, HNTI, SEDI, HWQ, ORWL, ZAHL, KERK, KORT, MAAOB, BEIL, OFRI, ROY, KMER, GEM, BLGI, GULE, NATI, KONT, KSHT, IZZE, SLTI, MMLI, SALP, HDMT, YVAC, AMAZ, DSI, YTI, MSBI, KZIT, GHJ, ZFRI, PRNI, HRFI, EIL2.

ISK 16 18:55:09.4, 34.73N, 32.58E, h13km, ML3, 1/14
GRAL 16 18:55:10.8, 0.2, 34.75N, 32.68E, h0km, 85km, MD3.5
NIC 16 18:55:11.3, 34.83N, 32.71E, h2km, 1km, M2, 9/1
GIL 16 18:55:12.9, 0.0, 34.702N, 0.002, 32.75E, 0.001, h0km, MWS3.2, confirmed

AFAD 16 18:55:12.3, 34.93N, 32.64E, h13km, 1km, MW3.2
ISC 16 18:55:12.6, 0.9, 34.78N, 0.02, 32.70E, 0.03, h19km, 2km, n71, 0.999/122, 3C-2D, Cyprus region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like NATA, APOL, TROD, YAYL, YURE, KSHT, KONT, CAYT, SLTI, MMLI, SALP, HDMT, AMAZ, DSI, YTI, MSBI, GHJ, ZFRI, PRNI, HRFI, EIL2.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like TROD, YXLS, AKMS, ALFC, ASGA, CSS, MVOU, LFK, PARAL, TEKE, EREN, GAZI, GULN, TISA, YESI, BERE, IKL, TEVE, KEBE, SILI, HDMB, KEPZ, KRMM, KKBE, AKUM, BHL, HNTI, SEDI, HWQ, ORWL, ZAHL, KERK, KORT, MAAOB, BEIL, OFRI, ROY, KMER, GEM, BLGI, GULE, NATI, KONT, KSHT, IZZE, SLTI, MMLI, SALP, HDMT, YVAC, AMAZ, DSI, YTI, MSBI, KZIT, GHJ, ZFRI, PRNI, HRFI, EIL2.

ISK 16 18:55:09.4, 34.73N, 32.58E, h13km, ML3, 1/14
GRAL 16 18:55:10.8, 0.2, 34.75N, 32.68E, h0km, 85km, MD3.5
NIC 16 18:55:11.3, 34.83N, 32.71E, h2km, 1km, M2, 9/1
GIL 16 18:55:12.9, 0.0, 34.702N, 0.002, 32.75E, 0.001, h0km, MWS3.2, confirmed

AFAD 16 18:55:12.3, 34.93N, 32.64E, h13km, 1km, MW3.2
ISC 16 18:55:12.6, 0.9, 34.78N, 0.02, 32.70E, 0.03, h19km, 2km, n71, 0.999/122, 3C-2D, Cyprus region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like NATA, APOL, TROD, YAYL, YURE, KSHT, KONT, CAYT, SLTI, MMLI, SALP, HDMT, AMAZ, DSI, YTI, MSBI, GHJ, ZFRI, PRNI, HRFI, EIL2.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station identifiers. Includes stations like PRNI, KRMI, KRFI, HRFI, EIL, DC, NEIC, ISC, CTAO, H11S2, H11S1, WB0, WRA, H11N1, H11N3, H11N2, GUMO, AS31, ASAR, FITZ, FORT, DAV, TPUB, PETK, Vnda, SBA, CMAR, N15K, K13K, K15K, L16K, QSPA, QSPA, L19K, IMAR, ILAR, J25K, MK31, MKAR, MKAR, YKA, PUAHI, KNH, STCH, RIM, BYL, NPOC, JCJZ, HATHI, SDHH, SBHL, OBL, UWB, HLP, WRMH, UWE, RSD.

16d 19h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like AK13 Malin Array Si, AK06 Malin Array Si, CM31 Chiang Mai Arr, etc.

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Table with columns: M17K, J16K, CNPM, L19K, etc. Rows include stations like Holitna River, Anvik River, China Pool, White Mountain, etc.

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Table with columns: BORK, MK31, MKAR, MKAR, etc. Rows include stations like Borovoye, Makanchi Array, Makanchi Array, etc.

KRNET 16 19:31:05.0-0.1, 39:81N; 70:18E, h10km, mb2.9

ISU 16 19:31:07, 39:90N; 70:18E, h10km

ISU 16 19:31:06.7-1.2, 39:80N; 70:04E, h8km=12km, n10, n19, 17, 6C, Tajikistan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include stations like BTK Batken, BTK Batken, GAR Garm, etc.

ISU 16 19:31:47, 39:84N; 70:09E, h12km

KRNET 16 19:31:49.0-0.1, 39:68N; 70:82E, h35km, mb3.0

ISU 16 19:31:50.3-1.2, 39:79N; 70:04E; 70:28E; 0.05, h24km=15km, n10, n25, 15, 6, 4C-2D, Tajikistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Batken, Garm, Fergana, Chuyangaron, Nazarbek, Chimgan, Tavakasy, Tashata, Charvak, Agalyk.

TRN 16 19:35:09.4, 18:27N:62:34W, h5km, MD3.8, East of Anguilla,, Leeward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Maarten, Willy Bob, St. Eustatius, Saint Kitts, Saba, Broadband at B, Guadeloupe Bro, Guadeloupe-3, Barre de l'île, Wesley, Salisbury, San Juan, Bigot, Saint Lucia, B.

CATAC 16 19:36:29.7, 0.4, 7°N, 2°W, h156km, 4km, M5, 0/12, mb5.2/2, mB5.3/2, MLV4.8/12, Mw(m)B4.7/2, Error ellipse: s-maj=7.8km s-min=3.8km az=103.3 confirmed

NEIC 16 19:36:30.8, 1.8, 6.71N, 0.03, 72.95W, 0.06, h162km, 6km, mb4.5/0, Error ellipse: s-maj=9.4km s-min=3.1km az=69.0

RSNC 16 19:36:31.5, 0.0, 7°N, 1°W, h147km, 1km, M4, 6, mb5.3, mb5.0, ML4.1, Mw(m)B4.7

FUNV 16 19:36:32.0, 0.6, 96N:73:18W, h135km, MW4.6, Presumed earthquake

ISC 16 19:36:29.5, 0.6, 6.83N, 0.03, 73.12W, 0.04, h154km, 5km, nB84, s1664/433, mb4.4/34, 2C-1D, Northern Colombia

Main table of seismic events with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Barichara, Barrancabermej, Pamplona, Colo, La Rusia, PUERTO BERRIO, OCana, San Pablo de B, NORcasia, Chingaza, El Rosal, Santa Helena, Cruz Verde, Cu, San Jos de Ur, Guayana, Caldas, Villavicencio, Ciudad Bolivar, Dabeiba, Santo Domingo, SDV, ARGC, Prado, Orteg, Tolima, Apartado, Choc, San Jacinto, San Jacinto, San Jos del P, La Uribe, Meta, Santa Marta, Capurgana, Punta Ardit, Macarena, Meta, Betania, Uribe, Uribia, Colomb, Jamundí, Valle, Garzon, Huila, Popayan, Colom, FLOrenCIA, FLOrenCIA, FLOrenCIA, Balboa, Cauca, BBAC.

Main table of seismic events with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Gorgona, Isla, Isla Barro Col, BCIP, OTAV, OTAV, SLOR, BRU2, PCJ, GWW, Stony Hill, BANI, BANI, BNJ, CVJ, MTDJ, MTDJ, JTS, SDDR, SDDR, DR12, SDDR, JDD, PRSN, OBIP, PDJR, SJG, GTBY, GTBY, GTBY, MASC, MASC, RCC, RCC, MARVS, MARVS, QMBU, QMBU, CHIV, ROAB, NMDO, YAR, YAR, MPMO, MPMO, LCCY, LCCY, ATAH, CGCC, MGCV, MTO3, MTO3, CAMR, CAMR, NNA, NNA, NNA, TEIG, CCIG, LPAZ, LPAZ, 656A, PB16, PSCGX, PSCGX, PB11, PB11, HMBC, HMBC, 152A, 152A, WVT, WVT, X40A, X40A, WCI, WCI, FCAR, FCAR, SIUC, SIUC, M6SA, M6SA, SFIN, SFIN, LCO, LCO, TXAR, TXAR, TXAR, TXAR, TX31, TX31, WMOK, WMOK, MT09, MT09, 121A, 121A, ANMO, ANMO, EROS, EROS, TUC, TUC, SDMO, SDMO, TRQA, TRQA, KNB, KNB, ULM, ULM, ULM, ULM, PDAR, PDAR.

Main table of seismic events with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PDAR, PDAR, PDAR, SCHO, SCHO, SCHO, DUG, DUG, BOZ, BOZ, HLID, HLID, FFC, FFC, H04A, H04A, BLKN, BLKN, YKAW, YKAW, YKA, YKA, KOTAN, KOTAN, NUUG, NUUG, LIRD, LIRD, U35K, U35K, T35M, T35M, V35K, V35K, DLBC, DLBC, WTLY, WTLY, S34M, S34M, WRAK, WRAK, DBIC, DBIC, DBIC, DBIC, U33K, U33K, R33M, R33M, Q32M, Q32M, SUMC, SUMC, S32K, S32K, P33M, P33M, SIT, SIT, R32K, R32K, P32M, P32M, MPMY, MPMY, N32M, N32M, S31K, S31K, SKAG, SKAG, WHY, WHY, C36M, C36M, PLBC, PLBC, M31M, M31M, O30N, O30N, N31M, N31M, P30M, P30M, P29M, P29M, NEEM, NEEM, HYT, HYT, N30M, N30M, M30M, M30M, O29M, O29M, YUK6, YUK6, H31M, H31M, A36M, A36M, YUK4, YUK4, J30M, J30M, BRWY, BRWY, G31M, G31M, G31M, G31M, M29M, M29M, F31M, F31M, K29M, K29M, L29M, L29M, PINM, PINM, I30M, I30M, YUK8, YUK8, O28M, O28M, INK, INK, INK, INK, J29N, J29N, EPYK, EPYK, YUK3, YUK3, G30M, G30M, F30M, F30M, I29M, I29M, MESA, MESA, TORD, TORD.

16d 20h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like BARN, BVCY, H29M, G29M, M27K, I28M, CRQE, BCAR, L27K, MCARA, E29M, M26K, F28M, I27K, L26K, BMRM, H27K, D28M, E28M, G27K, Q23K, DAG, E27K, KLU, RIDG, PAX, M24K, K24K, GLI, J25K, PRP, F26K, SCM, M23K, DHY, WAT, HDA, C27K, ILAR, ILAR, KNK, SML, G25K, F25K, POKR, SEW, WAT1, PMR, C26K, H24K, RC01, G24K, M25K, NEA2, F24K, CUT, TRF, E24K, H23K, L22K, SKT, D24K, G23K, BPAW, MLY, C24K, E23K, TOLK, SPCR, O20K, PPLA, H22K, CHUM, D23K, G22K, Q19K, M20K, C23K, F22K, H21K.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like N19K, K20K, M19K, G21K, J20K, Q18K, F21K, L19K, P18K, O18K, E21K, B22K, H20K, N18K, M18K, J19K, R17L, B21K, P17K, Q16K, F20K, A22K, L18K, H19K, O17K, E20K, N17K, G17K, D20K, M17K, G19K, E19K, P16K, B20K, O16K, L17K, K17K, H18K, D19K, N16K, G18K, M16K, J17K, L16K, F18K, C19K, CHNA, O15K, H17K, N15K, E18K, G17K, GERES, J16K, I17K, M15K, A19K, SDPT, C18K, O14K, E17K, L15K, K15K, N14K, H16K, G16K, M14K, D17K, C17K, L14K, G15K, F15K, C16K, FALS, K13K, ANM, F14K, M11K, UNV, ARCES, GAMB, SPIA, ZALV.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ZALV, KURBB, MK31, MKAR, MKAR, HHC, PZH, ASAR, ASAR, WB2, WRA, WRA, WB0, CMAR, CMAR, CMAR, CMAR.

WEL 16:19:51.27:61.2, 32°S:15°18'0"E:2.7, h295km, 40km, M4,2.7, mB4.6/4, ML4.4/8, MVL4.3/7, Mw(mB)3.8/4, Error ellipse: s-maj=36.2km s-min=15.9km az=109.2, Kermaedc Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Res. Includes stations like WMGZ, HAZ, HAZ, PKGZ, PKGZ, ABAB, PUZ, RUGZ, RUGZ, TWGZ, TWGZ, MWZ, URZ, URZ, KNZ, MTHZ, NMHZ, HIZ, BKZ, PXZ.

CATAC 16:20:17:00.8:0.4, 7°N:2°7'4"W:1, h62km, 8km, M3.5/7, MLV3.5/7, Error ellipse: s-maj=5.3km s-min=4.1km az=96.1, confirmed

RSNC 16:20:17:01.3:0.0, 7°N:1°7'4"W:1, h82km, 2km, M3.0, mb3.5, ML2.7

ISC 16:20:17:00.1:1.2, 7.01N:0.02:74.06W:0.03, h82km, 9km, n34, 1536/65, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, Time, Res. Includes stations like BRJC, BRJC, PTBC, BARC, BARC, SPBC, SPBC, PAMC, PAMC, OCAC, OCAC, RUSC, RUSC, RUSC, UREC, UREC, NORC, NORC, HELC, HELC, HELC, HELC, DBBC, DBBC, ROSE, ROSE, ROSE, GUY2C, GUY2C, CBCC, CBCC, CHIC, CHIC, CVER, CVER, APAC, APAC, ARGC, ARGC, LCBC, LCBC, PLMC, PLMC, SJCC, SJCC, SJCC, SJCC, ORTC, ORTC, PRAC, PRAC, PRAC, PRAC, URM, URM, URM, YOTC, YOTC, SMRC, SMRC, JAMC, JAMC, GUV, GUV, URIC, URIC, URIC, FLOC, FLOC.

NEIC 16:20:17:44.6:2.0, 38°24'N:0.01x117°7'W:0.01, h9km, 8km, ML3.3/12, ML3.8/5(REN), Mw3.5/19(SLM), Error ellipse: s-maj=2.0km s-min=1.5km az=141.0

s-min=5.1km az=180.0
ISC 16:20:17:44.7:1.1,38.22N:0.02:117.76W:0.03,h0km,11km,

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists various stations like Mina Array Sit, Last Change Ra, Mammoth, etc.

Table with columns: SAO SUTB, San Andreas Ge, Sutter Butte, etc. Lists stations like Danby, Kanab, DUG, etc.

Table with columns: DCPH Dipolog City, Zamboanga City, Lapu-Lapu, etc. Lists stations like Roxas, Tolitoli, Luwuk, etc.

16d 21h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like China Lake, Pahroc Range, Forest Hills D, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Sufi-Kurgan, Naryn, Aral, Uchtor, etc.

2020 MAY

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like FKPS, BLB, KRNET, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SARVU, DVP, RTV, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SOEI, BATI, BATA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like LUWI, KAPI, KNRA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like FITZ, WRO, WBA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MBWA, AS31, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like ASAR, CTA, MORW, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like STKA, STKA, KOUNC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MKAR, ZALV, ZALV, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KURK, KURK, BVAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BKZ, KLR, MKAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MKAR, ZALV, ZALV, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KURK, KURK, BVAR, etc.

1002

Large table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like AB31, ABKAR, QSPA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURBB Kurchatov Arra, MKAR Makanchi Arra, ZALV Zalesovo Beam, etc.

IDC 16 22:30:20.13.1, 3.7FS:151.52E, h0km, mb4.0/3, mbtmp4.1/3, MS3.2/2, Error ellipse: s-maj=113.9km s-min=43.7km az=121.0, New Ireland region

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

IDC 16 22:37:48.31.3, 1.356N:145.96E, h0km, mb3.8/12, mbtmp3.8/12, MS3.1/7, Error ellipse: s-maj=24.7km s-min=19.3km az=106.0

NEIC 16 22:37:53.21.0, 13.51N:0.107:145.81E:0.06, h24km, 7km, mb4.0/6, Error ellipse: s-maj=12.3km s-min=4.0km az=143.0

IDC 16 22:37:54.1.0.7, 13.5N:0.145:366E:0.09, h43km, n29, s126:25, mb3.9/16, MS2.9/7, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, PATS Pohnpai, SJLI Sili, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CAN Canberra, AFI Afiamat, MKAR Makanchi Arra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Arra, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, ILAR Eielson Array, C23K Itkillik River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BCAR Beaver Creek A, BVAR Borovoye Array, C27K Jago River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YKA Yellowknife Ar, FINES FINESS Arr B, FINES FINESS Arr B, etc.

Table with columns: SHME Shamm, SHME Sakb, SAHB Bahrain, SAKB Banah, SAHOM Nawza, Dubai, etc.

Table with columns: ASHO Ashgiy, ASHO Mhr-z, ASHO Mhr-z, ASHO Madinat Zayed, etc.

Table with columns: WBSR Wadi Sarin, WBK Wadi Bani Khal, WBL Wadi Bani Khal, etc.

Table with columns: RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

Table with columns: RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

Table with columns: URZ Urewera, URZ Urewera, URZ Urewera, URZ Urewera, etc.

Table with columns: CTZ Chatham Island, CTZ Chatham Island, CTZ Chatham Island, CTZ Chatham Island, etc.

Table with columns: CTZ Chatham Island, CTZ Chatham Island, CTZ Chatham Island, CTZ Chatham Island, etc.

Table with columns: WBO Warramunga Arr, WBO Warramunga Arr, WBO Warramunga Arr, WBO Warramunga Arr, etc.

Table with columns: WBO Warramunga Arr, WBO Warramunga Arr, WBO Warramunga Arr, WBO Warramunga Arr, etc.

Table with columns: FITZ Fitzroy Crossi, FITZ Casey, CASY Casey, CASY Casey, etc.

Table with columns: MBWA Mawson Bar, MORW Morrow Bar, QSPA South Pole Qui, etc.

Table with columns: QSPA South Pole Qui, QSPA South Pole Qui, BELA Belgrano 2, BELA Belgrano 2, etc.

Table with columns: MAW Mawson, MJAR Matushiro Arr, MJAR Matushiro Arr, etc.

Table with columns: TROLL Troll, ANTARTI Snaae, SNAAE Snaae, SNAAE Snaae, etc.

Table with columns: VNA2 Neumayer-Watz, VNA1 Neumayer-Stat, H03S2 Juan Fernandez, etc.

Table with columns: H03S1 Juan Fernandez, H03S3 Juan Fernandez, H03N3 Juan Fernandez, etc.

Table with columns: H03N2 Juan Fernandez, H03N1 Juan Fernandez, PLCA Pasa Flores, etc.

Table with columns: KSRS Korea Arr, PETK Petropavlovsk, PETK Petropavlovsk, etc.

Table with columns: PDAR Pinedale Array, ZALV Zalesovo Beam, MKAR Makanchi Arra, etc.

KRNET 16 22:39:19.2.0.1, 40.010N:71.56E, h23km, mb2.5

IDC 16 22:39:19.1.1.1, 40.020N:0.04:71.56E:0.05, h10km, n5, s039:11/48, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BATK Batken, BTK BTK, DRK Karamyk, etc.

TEH 16 22:41:09.0.27:69N:53:09E, h7km, 64km, ML3.1, Presumed earthquake

OMAN 16 22:41:21.9.1.0, 27.15N:53:54E, h10km, mb3.14, mb3.0/14, Error ellipse: s-maj=1.2km s-min=5.2km az=6.0

IDC 16 22:41:12.7.1.2, 21.67N:104.53:38E:0.05, h8km, 7km, n36, s25:11/48, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KHLI Khamli-Fars, KHLI Khamli, LMDI Lamerd, etc.

RSNC 16 22:54:53.0.0.7, N1:17:32W, h145km, 1km, M2, 8, ML2.5

FUNV 16 22:54:54.2.6:91N:73:15W, h123km, 0.03:3.2, Presumed earthquake

IDC 16 22:54:51.0.1.4, 6.88N:0.03:73:14W:0.04, h156km, 8km, n30, s141/60, Northern Colombia

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

16d 23h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Villavicencio, Ciudad Bolivar, Dabeiba, Ariguani, Magd, Santo Domingo, Apartado, Choc, Prado, Ortega, Tolima, San Jacinto, C, San Jos del P, La Uribe, Meta, Yotoco, Valle, Santa Marta, M.

CNRM 16 23:04:54.5, 36:16N, 6:68W, h55km, ML2.7
SFS 16 23:04:55.9, 36:28N, 6:61W, h56km, ML3.0/22, ML3.0/23, ML2.7/23
IGIL 16 23:04:56.5, 36:27N, 6:63W, h52km, ML2.7
MDD 16 23:04:56.0, 3, 36:30N, 6:61W, h59km, 4km, Mb3.8/4.9, Error ellipse: s-maj=2.4km s-min=1.8km az=22.0
INMG 16 23:04:56.5, 1.6, 36:27N, 6:61W, h51km, 6km, ML2.4, Error ellipse: s-maj=2.6km s-min=1.7km az=44.0, #DIST_RANGE: REGIONAL #PMA_REGION: Golfo de Cadiz

ISC 16 23:04:53.8-1.1, 36:28N, 0:02:6.58W, 0:02, h73km, 7km, n122, 0:19:61/222, 34C-12D, Strait of Gibraltar

Main table for 16d 23h section, listing station names, azimuths, phase IDs, times, and residuals for various seismic stations.

2020 MAY

Main table for 2020 MAY section, listing station names, azimuths, phase IDs, times, and residuals for various seismic stations.

1004

Table for 1004 section, listing station names, azimuths, phase IDs, times, and residuals for various seismic stations.

NOU 16 23:06:27.2, 22:30S:170:00E, h35km, ML4.1/12, Southeast of Loyalty Islands, Southeast of Loyalty Islands

Table for NOU section, listing station names, azimuths, phase IDs, times, and residuals for various seismic stations.

RSNC 16 23:07:10.3:0.9, 10:14N, 4:7:1W, 2, h200km, 9km, M2.5, mb3.1, ML2.4

FUNV 16 23:07:10.9, 9:76N:70:94W, h8km, MW2.9, Presumed earthquake

ISC 16 23:07:07.1, 4, 9:94N:0:04:70:83W, 0:08, h9km, n7, 0:19:2/14, Venezuela

Table for ISC section, listing station names, azimuths, phase IDs, times, and residuals for various seismic stations.

IDC 16 23:22:57.5:1.0, 38:86N:20:47E, h0km, mb3.8/8, mbtmp3.6/18, ML3.3/8, MS2.8/1, Error ellipse: s-maj=17.2km s-min=15.1km az=41.0

ATH 16 23:22:58.8, 38:73N:20:57E, h12km, ML3.6/48, Latitude uncertainty: 0 km; Longitude uncertainty: 1 km

THE 16 23:22:59.1, 38:78N:0:6:2:1E, h12km, M3.6/25, MLh3:2/25

NEIC 16 23:22:59.9:2.5, 38:78N:0:05:20:50E:0:05, h10km, 1km, mb4.2/9, Error ellipse: s-maj=9.1km s-min=5.6km az=218.0

PDG 16 23:23:00.9:0.6, 38:86N:20:51E, h12km, 2km, ML3.6/13, Error ellipse: s-maj=1.4km s-min=1.3km az=90.0

BE0 16 23:23:00.5:0.5, 38:72N:20:43E, h20km, 3km, ML3.3/8, Error ellipse: s-maj=7.0, 6, 38:73N:0:01:20:56E:0:02, h14km, 3km, n251, 0:19:2/337, mb4.1/10, 13C-1D, Greece

Table for BE0 section, listing station names, azimuths, phase IDs, times, and residuals for various seismic stations.

Table with 3 columns: Station Name, Coordinates, and Status. Includes stations like EVGI, Fiskardo, AST1, etc.

Table with 3 columns: Station Name, Coordinates, and Status. Includes stations like PVY, CUC, CEME, etc.

Table with 4 columns: Station Name, Coordinates, Phase ID, and Status. Includes stations like FETA, MOTA, DAVOX, etc.

16d 23h

Table with columns: Station Name, Location, Magnitude, Time, Res, and other parameters. Includes stations like MMLAC Mammoth, MCBM Casa Benchmark, MDMY Dry Creek, etc.

2020 MAY

Table with columns: Station Name, Location, Magnitude, Time, Res, and other parameters. Includes stations like CCUT Cedar City, HATC Hat Creek Radi, GDXM Geysers, etc.

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Table with columns: Station Name, Location, Magnitude, Time, Res, and other parameters. Includes stations like G29M, ILAR Eielson Array, ILAR Eielson Array, etc.

MEX 16:23:52:19.1±0.5, 14°03'N:92°67'W, h12km, 168km, MD3.7, Presumed earthquake
GCG 16:23:52:39.0±0.9, 14°42'N:92°38'W, h55km, 22km, MD3.8, Presumed earthquake
ISC 16:23:52:13.8±2.5, 14°11'N:0°19'11'W, h18km, 8km, n13, c1905/20, Near coast of Chiapas

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like SMCA Catarina, PATR El Naranjo, CHUJ Union Juarez, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like PMTG, PMAFR Mafra, PMAFR Mafra, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like YOVA Hakkari_Yksek, YOVA Hakkari_Yksek, etc.

INMG 16:23:58:16.4:1.9, 43.09N:81.44W, h17km, 3km, ML2.5, Error ellipse: s-maj=4.5km s-min=2.8km az=120.0, #DIST_RANGE: REGIONAL #PMA_REGION: NE Santiago Compostela (E)

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like UCM Universidad Co, ESBG Sonseca Array, ESDC Sonseca Array, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like IJSH Hashtud, IBZA Bozab, IALM Almalobaq, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like STS Santiago, EAGO Agolada(Pontev), EAGO Agolada(Pontev), etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like MESJ Messejana, ETOR Torete, ETOR Torete, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like SSSI Sinabang, Aceh, SSI Banda Aceh, MSLI Meulaboh, Aceh, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like ECAL Calabor, ECAL Calabor, ECAL Calabor, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like SSSI Sinabang, Aceh, SSI Banda Aceh, MSLI Meulaboh, Aceh, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like PBRG Braganca, PBRG Braganca, PBRG Braganca, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like PALK Palkelele, PALK Palkelele, PALK Palkelele, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like EARI Arriendas, EARI Arriendas, EARI Arriendas, etc.

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

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like EPLA Plasencia, EPLA Plasencia, EPLA Plasencia, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res. Includes stations like MAH Mahabhad, MAH Mahabhad, MAH Mahabhad, etc.

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

17d Oh

Table of astronomical observations for 17d Oh, listing station codes (e.g., KURBB, ZAAO), observation times, and coordinates.

NEIC 17 00:50:57.1 ± 1.1, 12.4N ± 0.1, 144.2E ± 0.2, h30km, 6km, mb4.5/23, Error ellipse: s-maj=24.3km s-min=11.0km az=122.0

IDC 17 00:50:59.2 ± 1.1, 12.38N ± 0.1, 144.43E, h57km, 16km, mb3.8/14, mbmp4.1/14, MS3.3/4, Error ellipse: s-maj=22.6km s-min=14.2km az=100.0

ISC 17 00:50:56.3 ± 0.7, 12.34N ± 0.08, 144.3E ± 0.1, h30km, n60, s112/53, mb4.4/29, MS3.4/3, South of Mariana Islands

Main table of astronomical observations for 17d Oh, including station names, codes, times, and coordinates for various stations like GUMU, JOW, and KURKB.

2020 MAY

Main table of astronomical observations for 2020 MAY, listing station codes (e.g., G19K, C19K), observation times, and coordinates for stations across the globe.

1008

Main table of astronomical observations for 1008, listing station codes (e.g., CVDA, ICOR), observation times, and coordinates for stations primarily in the Americas.

IDC 17 00:54:15.4 0.8 2.92S: 139.18E, h0km, mb3.8/7, mtbtp3.9/9, ML4.2/2, MS3.1/4, Error ellipse: s-maj=20.0km s-min=13.0km az=165.0
 DJA 17 00:54:20.5 0.4 3.3 S: 133.9 E, h12km, 5km, M4.4/13, mB5.3/2, mb4.5/7, MLV4.4/13, Mw(mB)4.7/2
 NEIC 17 00:54:21.0 1.6 2.90S: 0.09x139.22E: 0.07, h35km, 2km, mb4.2/14, Error ellipse: s-maj=15.8km s-min=11.3km az=170.0

ISC 17 00:54:21.4 0.6 2.86S: 0.05x139.20E: 0.06, h46km, n47, r+1563/47, mb4.0/11, Near north coast of Irian Jaya

Code	Station Name	Δ° AZ°	Op	Phase ID	ISC	Time	Res
Code	Station Name	Δ° AZ°	Op	Phase ID	ISC	Time	Res
SMPI	Sarmi	0.99 330	P		S	00 54 37.7	-1.2
GENI	Genyem	1.00 75	P		S	00 54 50.6	-1.2
WAMI	Wamena	1.13 205	P		S	00 54 38.8	-0.3
JAYP	Jayapura	1.54 77	Pg		Pn	00 54 44.3	+3.4
JAY	Jayapura	1.54 77	Pg		Pn	00 55 05.5	+1.0
JAY	Jayapura	1.54 77	Pg		Pn	00 54 45.4	-1.1
JAY	Jayapura	1.54 77	Pg		Pn	00 55 04.7	
JAY	Jayapura	1.54 77	Pg		Pn	00 55 33.9	
JAY	Jayapura	1.54 77	Pg		Pn	00 54 45.7	-0.8
JAY	Jayapura	1.54 77	Pg		Pn	00 55 05.3	-0.1
JAY	Jayapura	1.54 77	Pg		Pn	00 55 08.9	+0.8
JAY	Jayapura	1.54 77	Pg		Pn	00 55 16.6	+3.2
JAY	Jayapura	1.54 77	Pg		Pn	00 55 39.4	+2.8
MWPI	Manokwari, Pap	5.50 290	P		Pn	00 55 44.4	+3.6
KMPI	Kaimana, Papua	5.54 292	P		Pn	00 56 00.7	0.0
FAKI	Fak Fak	6.94 269	Pn		Pn	00 56 01.2	+0.5
FAKI	Fak Fak	6.94 269	Pn		Pn	00 56 17.3	-0.2
SUJ	Sorong	8.17 284	Pn		Pn	00 57 46.4	-2.3
SUJ	Sorong	8.17 284	Pn		Pn	00 56 18.9	+1.4
SUJ	Sorong	8.17 284	Pn		Pn	00 56 19.6	+2.0
SUJ	Sorong	8.17 284	Pn		Pn	00 57 05.6	-0.4
SUJ	Sorong	8.17 284	Pn		Pn	00 57 18.3	-1.6
SUJ	Sorong	8.17 284	Pn		Pn	00 58 07.3	-0.9
SUJ	Sorong	8.17 284	Pn		Pn	00 58 33.1	
SUJ	Sorong	8.17 284	Pn		Pn	01 04 14.1	
GUM	Guam	17.28 19	LR		LR	00 58 19.7	-2.0
WBO	Warramunga Arr	17.45 195	Pn		Pn	00 58 31.1	
WBO	Warramunga Arr	17.45 195	Pn		Pn	00 58 21.3	-2.6
WRA	Warramunga Arr	17.63 195	P		Pn	01 01 27.6	-1.2
WRA	Warramunga Arr	17.63 195	P		Pn	01 06 20.8	
CTA	Charters Tower	18.46 159	LR		LR	01 08 34.3	
KAP	Kappang	19.52 263	LR		LR	00 58 48.7	-3.3
KAP	Kappang	19.52 263	LR		LR	00 59 03.4	-1.1
AS3	Alice Springs	21.31 193	P		P	00 59 04.1	-0.4
ASAR	Alice Springs	21.31 193	P		P	01 02 56.3	-2.7
ASAR	Alice Springs	21.31 193	P		P	00 59 42.7	-1.8
EIDS	Eidsvold	25.14 154	P		P	00 59 52.5	-0.1
MBWA	Marble Bar	26.27 225	P		P	01 00 23.3	+0.1
FORT	Forrest	29.70 200	P		P	01 02 27.4	
FORT	Forrest	29.70 200	P		P	01 25 10.6	
PETK	Petroglavsk	57.89 13	LR		LR	01 04 10.7	+0.7
SONM	Songino Array	58.06 335	P		P	01 04 39.2	
SONM	Songino Array	58.06 335	P		P	01 05 30.6	+1.0
MKAR	Makanchi Array	70.20 322	P		P	01 05 29.8	+0.2
MKAR	Makanchi Array	70.20 322	P		P	01 05 31.5	+0.7
MAKZ	Makanchi	70.20 322	I		I	01 05 38.8	
MAKZ	Makanchi	70.20 322	I		I	01 05 42.9	+0.8
ZALV	Zalesovo Beam	72.31 330	P		P	01 05 53.2	+0.2
KURBB	Kurchatov Arra	74.13 325	P		P	01 06 01.4	+0.4
VNDA	Vanda	75.59 175	P		P	01 06 01.4	+0.4
VNDA	Vanda	75.59 175	P		P	01 06 02.0	
SBA	Scott Base	76.35 174	P		P	01 06 06.5	+1.3
BVAR	Borovey Array	79.71 325	P		P	01 06 25.3	+0.9
C19K	Lookout Ridge	82.74 18	P		P	01 06 41.7	+1.5
E19K	Redstone River	82.78 20	P		P	01 06 42.1	+1.8
ABKAR	Akbakul array	85.15 320	P		P	01 06 52.8	+0.1
QSPA	South Pole Qui	87.09 180	P		P	01 07 02.8	+0.6
QSPA	South Pole Qui	87.09 180	P		P	01 07 02.5	+0.3
QSPA	South Pole Qui	87.09 180	P		P	01 07 28.0	
F26K	Sheenjek River	87.58 22	P		P	01 07 06.0	+1.7
F26K	Sheenjek River	87.58 22	P		P	01 07 07.4	

IDC 17 01:10:20.9 26.0, 15.88S: 171.08W, h0km, mb3.9/4, mtbtp3.9/4, Error ellipse: s-maj=51.2km s-min=63.7km az=60.0, Samoa Islands region

Code	Station Name	Δ° AZ°	Op	Phase ID	ISC	Time	Res
URZ	Urewera	24.61 203	P		P	01 15 42.9	0.0
STKA	Steeles Creek	45.75 241	P		P	01 18 45.6	+1.3
WRA	Warramunga Arr	51.92 257	P		P	01 19 31.9	0.0
ASAR	Alice Springs	52.09 252	P		P	01 19 32.0	-1.2
DJA 17 01:59:50.0 0.2 1°N: 3°10'E: s, h140km, 2km, M4.0/31, mb3.2/1, mb4.3/7, MLV3.8/31, Mw(mB)2.0/1, Northern Sumatara							
MNSI	Mandailing Nat	0.38 299	P		S	02 00 10.7	+1.1
MNSI	Mandailing Nat	0.38 299	P		S	02 00 26.5	+2.0
BKPI	Bangkinang	1.16 104	P		P	02 00 16.2	+0.9
PNI	Padang Panjang	1.17 155	P		P	02 00 15.8	+0.4
PDSI	Padang	1.61 160	P		P	02 00 20.1	0.0
PDSI	Padang	1.61 160	P		P	02 00 22.2	+0.5
GSI	Gunungsitoli	2.43 286	P		P	02 00 30.7	-2.3
PPSI	Pulau Pagai	3.35 178	P		P	02 00 44.9	+0.1
KCSI	Kotacane, Aceh	3.60 324	P		P	02 00 47.5	+0.2
TPTI	Sinabang, Aceh	4.11 73	P		P	02 00 50.4	+0.3
NYKMI	Kota Tinjau	4.11 73	P		P	02 01 51.5	0.0
UBSI	University, Be	4.94 151	P		P	02 01 00.9	-1.6
BSI	Banda Aceh	6.69 317	P		P	02 01 24.8	-1.1
PPBI	Pangkal Pinang	6.81 114	P		P	02 01 26.1	-1.4

IDC 17 02:12:22.7 1.6 38.00N: 117.67W, h0km, mtbtp2.6/2, ML3.1/2, Error ellipse: s-maj=15.2km s-min=7.8km az=23.0

NEIC 17 02:12:27.1 1.4 38.21N: 0.02: 117.74W: 0.02, h10km, 2km, ML3.1/02, ML3.02(REN), Error ellipse: s-maj=4.0km s-min=3.0km az=45.0
 REN 17 02:12:27.4 1.7 38.19N: 0.02: 117.76W: 0.02, h8km, 8km, Error ellipse: s-maj=3.3km s-min=1.8km az=220.0
 ISC 17 02:12:27.1 0.9 38.19N: 0.02: 117.75W: 0.02, h16km, 9km, n71, c1908/70, Nevada

Code	Station Name	Δ° AZ°	Op	Phase ID	ISC	Time	Res
NV11	Mina Array Sit	0.40 307	P		Pg	02 12 35.1	+0.2
NV11	Mina Array Sit	0.40 307	P		Pg	02 12 41.4	
NV11	Mina Array Sit	0.40 307	P		Pg	02 12 40.8	-0.1
NV11	Mina Array Sit	0.40 307	P		Pg	02 12 36.0	+0.1
TPH	Tonopah	0.43 105	P		Sg	02 12 42.2	+0.3
TPH	Tonopah	0.43 105	P		Sg	02 12 43.8	
TPH	Tonopah	0.43 105	P		Sg	02 12 50.6	
NV06	Mina Array Sit	0.47 299	P		Pg	02 12 36.6	-0.1
NV06	Mina Array Sit	0.47 299	P		Pg	02 12 37.2	-0.1
NV07	Mina Array Sit	0.49 299	P		Pg	02 12 36.9	-0.1
NV03	Mina Array Sit	0.49 299	P		Pg	02 12 37.0	0.0
NV08	Mina Array Sit	0.49 296	P		Pg	02 12 37.0	0.0
NV08	Mina Array Sit	0.49 296	P		Pg	02 12 42.2	+0.4
NV01	Mina Array Sit	0.50 299	P		Pg	02 12 40.0	+0.1
NV01	Mina Array Sit	0.50 299	P		Pg	02 12 40.0	+0.2
NV04	Mina Array Sit	0.50 298	P		Pg	02 12 37.1	0.0
NV05	Mina Array Sit	0.50 301	P		Pg	02 12 44.1	+0.3
NV05	Mina Array Sit	0.50 301	P		Pg	02 12 37.0	-0.2
NV05	Mina Array Sit	0.50 301	P		Pg	02 12 42.2	+0.3
NVAR	Mina Array Bea	0.50 299	Pg		Pg	02 12 36.6	-0.3
NVAR	Mina Array Bea	0.50 299	Pg		Pg	02 12 49.2	
NVAR	Mina Array Bea	0.50 299	Pg		Pg	02 12 37.0	-0.1
NV02	Mina Array Sit	0.50 300	P		Pg	02 12 37.2	0.0
NV09	Mina Array Sit	0.52 298	P		Pg	02 12 37.5	-0.1
NV09	Mina Array Sit	0.52 298	P		Pg	02 12 46.0	0.0
NV09	Mina Array Sit	0.52 298	P		Pg	02 12 46.8	-0.1
LHV	Little Huntoon	0.60 276	P		Sg	02 12 38.9	+0.1
LHV	Little Huntoon	0.60 276	P		Sg	02 12 48.2	
LHV	Little Huntoon	0.60 276	P		Sg	02 12 54.7	
Q09A	Carvers	0.78 35	P		Pg	02 12 42.3	-0.1
Q09A	Carvers	0.78 35	P		Pg	02 12 53.9	
Q09A	Carvers	0.78 35	P		Pg	02 12 58.1	
Q09A	Carvers	0.78 35	P		Pg	02 12 53.7	+0.7
DSP	Deep Springs	0.84 192	P		Pg	02 12 43.3	-0.1
DSP	Deep Springs	0.84 192	P		Pg	02 12 55.0	+0.7
KVN	Kaiserville	0.90 342	P		Sg	02 12 56.2	-0.3
KVN	Kaiserville	0.90 342	P		Sg	02 12 44.0	-0.7
KVN	Kaiserville	0.90 342	P		Sg	02 13 00.8	
KVN	Kaiserville	0.90 342	P		Sg	02 13 01.2	
LCH	Last Change Ra	0.96 175	P		Pg	02 12 45.7	-0.1
GMN	Good Mountain	0.97 156	P		Pg	02 12 46.0	+0.3
MLAC	Mammoth	1.02 237	P		Pb	02 12 47.1	+0.1
MBCM	Casa Benchmark	1.06 239	P		Pb	02 12 48.2	+0.9
MDYM	Dry Creek	1.13 242	P		Pb	02 12 49.2	+0.7
MDPB	Devils Postpil	1.19 242	P		Pb	02 12 50.0	-0.2
TIN	Tinemaha, Big	1.20 199	P		Pb	02 12 50.3	+1.0
TIN	Tinemaha, Big	1.20 199	P		Pb	02 13 14.4	
TIN	Tinemaha, Big	1.20 199	P		Pb	02 13 15.4	
GRAC	Grapevine Range	1.23 166	P		Pg	02 12 50.8	-0.1
GRAC	Grapevine Range	1.23 166	P		Pg	02 13 11.2	
WAKR	Walker	1.36 284	P		Pn	02 12 52.6	+0.9
WAKR	Walker	1.36 284	P		Pn	02 13 14.2	
WAKR	Walker	1.36 284	P		Pn	02 13 18.3	
KCC	Kaiser Creek	1.52 236	P		Pb	02 12 56.5	+0.7
WCT	Wildcat Mounta	1.66 147	P		Pb	02 12 56.9	+1.2
WCT	Wildcat Mounta	1.66 147	P		Pb	02 13	

17d 3h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for SKO, KBN, TIR, NEST, SDA, ULF, etc.

IDC 17 03:04:19.2:1.6,38:00N:117:80W, h0km, mbtmp2.6/2, ML3.5/2, Error ellipse: s-maj=15.8km s-min=7.6km az=29.0

NEIC 17 03:04:21.2:1.5,38:19N:0:02:117:77W:0:01, h10km,2km, ML3.1/98, ML3.4/3(REN), Error ellipse: s-maj=3.8km s-min=3.0km az=28.0

REN 17 03:04:21.6:1.8,38:17N:0:02:117:79W:0:02, h8km,8km, Error ellipse: s-maj=2.5km s-min=1.8km az=216.0

ISC 17 03:04:21.8:0.9,38:19N:0:02:117:78W:0:02, h13km,gk,m, n77,c0575/75,Nevada

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for NV11, NV07, NV03, etc.

2020 MAY

Main station list table for 2020 MAY with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for AMPNV, GWWY, GWWY, etc.

1010

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for ELK, ELK, ELK, etc.

IDC 17 03:29:50.5:1.1,42:43N:140:75E, h0km, mb3.5/6, mbtmp3.6/11, ML3.1/4, MS2.7/2, Error ellipse: s-maj=24.9km s-min=21.0km az=111.0

NIED 17 03:29:54.3,42:23N:140:59E, h17km, MW3.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^14N; Mr:1.88; Mb:0.33; Mw:2.20; M2:0.63; M3:0.84; M4:0.67;

Fault plane solution: M2,37000x10^14 NP1: 0:179:0000; 0:37:0000; 1:114:0000; NP2: 0:530:0000; 0:57:0000; 1:73:0000;

JMA 17 03:29:54.9:0.0,42:22N:0:1:140:60E:0.2, h17km, MV3.6/39, UCHIURA BAY REGION

JMA Felt II J1 at UCHIURA BAY REGION. ISC 17 03:29:53.9:1.0,42:27N:0:04:140:58E:0:04, h20km,gk,m, n30,c163/31,mb3.5/6,10D,Hokkaido region

Main station list table for 1010 with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for JYMZ, JYB, JKB, etc.

17d 4h

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like BERG Berg Lake, J16K Anvik River, J19K Poorman, etc.

2020 MAY

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like K27K Chicken, YUKA Talbot Arm, YUK6 Outpost Moun, etc.

1012

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like WRAK Wrangell Islan, B21K Ikpikpu River, G29M Pine Creek, etc.

Table with columns for station code, name, and various parameters like frequency, mode, and position. Includes stations like AGMN Agassiz Nation, EPO Experimental L, YAK Yakutsk, etc.

Table with columns for station code, name, frequency, and other parameters. Includes stations like CLL Collm, CLL Collm, TKM2 Tokmak 2, etc.

Table with columns for station code, name, frequency, and other parameters. Includes stations like MHTM Maesering, CHTO Chiang Mai, CHTO Chiang Mai, etc.

Table with columns: BRTR, Station Name, Time, Res, etc. Includes stations like Keskin Array B, Furi, Alice Springs, Elmail, Malin Array Be, etc.

Table with columns: QSM, Station Name, Time, Res, etc. Includes stations like Beckworth, Chr Cany lake, Sheep Range, etc.

Table with columns: LSA, Station Name, Time, Res, etc. Includes stations like Lhasa, Tawang, MOKO, etc.

NOU 17 05:06:36.4,35°69'S;178°51'W,h0km,ML4.6/8,East of North Island, N.Z.
WEL 17 05:06:55.6;1.2,36°S;9°18'0E;1°1',h5km;17km,ML4.1/36,ML4.0/42,ML4.1/36,Error ellipse: s-maj=17.6km s-min=7.3km az=52.6

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like Matakaoa Point, Waihiotatini S, Puketiti, etc.

Table with columns: GUWA, Station Name, Time, Res, etc. Includes stations like GUWAHATI, SHL, etc.

REN 17 05:02:22.8;1.7,38°16'N;0°11'17.85W;0.01,h6km;2km, Error ellipse: s-maj=1.7km s-min=1.4km az=223.0
NEIC 17 05:02:22.5;1.5,38°17'N;0°11'17.84W;0.01,h5km;1km,ML3.2/69,ML3.5/12(REN),Error ellipse: s-maj=2.6km s-min=1.7km az=56.0,Nevada

Main table with columns: Code, Station Name, Time, Res, etc. Includes stations like Mina Array Sit, Deep Springs, Carvers, etc.

Main table with columns: Code, Station Name, Time, Res, etc. Includes stations like Matakaoa Point, Waihiotatini S, Puketiti, etc.

Main table with columns: Code, Station Name, Time, Res, etc. Includes stations like GUWAHATI, SHL, etc.

IDC 17 05:22:06.6;0.7,29°90'N;95°07'E,h0km,mb4.1/19, mbmp4.0/23,ML4.0/4,MS3.5/8,Error ellipse: s-maj=19.9km s-min=13.8km az=53.0
BUJ 17 05:22:08.3,29°87'N;94°99'E,h6km,mb4.5/2,mb4.4/32,ML3.8/8,MS4.2/33,MS7.4/31
MOS 17 05:22:08.2;1.2,29°94'N;95°10'E,h21km,mb4.8/30,Error ellipse: s-maj=9.2km s-min=4.4km az=123.1
NEIC 17 05:22:08.1;1.0,29°94'N;101°49'E;0.05,h10km;1km,mb4.6/37,Error ellipse: s-maj=16.7km s-min=6.6km az=195.0
NDI 17 05:22:15.6;0.8,29°96'N;94°98'E,h10km,ML4.3,MW4.1,mb4.6(NEIC),Presumed earthquake
ISC 17 05:22:08.6;0.3,29°90'N;0°03.95'E;0.03,h10km,n200,az=179°/216,mb4.4/58,MS3.8/10,7C-13D,Eastern Xizang-India border region

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like ZIRO, JORH, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like BTO2, WHN, WUSHI, etc.

Table of astronomical observations with columns: QIZ, comp, LR, PR, and numerical data. Includes entries like SHLS, TARG, PRZ, UZB, KSH2, SATY, HYB, MDOK, MKR1, MKAR, SONM, SONM1, SONM2, BJT, BJ2, BJ12, ULN, ULN1, ULN2, ULN3, KBK, NJ2, UCH, AAK, AAK1, AAK2, AAK3, FRU1, CHMS, USP, SGDS, ERKS, DRK, ZAK, ZAK1, ZAK2, ZAK3, ZAK4, ZAK5, ZAK6, ZAK7, ZAK8, ZAK9, ZAK10, ZAK11, ZAK12, ZAK13, ZAK14, ZAK15, ZAK16, ZAK17, ZAK18, ZAK19, ZAK20, ZAK21, ZAK22, ZAK23, ZAK24, ZAK25, ZAK26, ZAK27, ZAK28, ZAK29, ZAK30, ZAK31, ZAK32, ZAK33, ZAK34, ZAK35, ZAK36, ZAK37, ZAK38, ZAK39, ZAK40, ZAK41, ZAK42, ZAK43, ZAK44, ZAK45, ZAK46, ZAK47, ZAK48, ZAK49, ZAK50, ZAK51, ZAK52, ZAK53, ZAK54, ZAK55, ZAK56, ZAK57, ZAK58, ZAK59, ZAK60, ZAK61, ZAK62, ZAK63, ZAK64, ZAK65, ZAK66, ZAK67, ZAK68, ZAK69, ZAK70, ZAK71, ZAK72, ZAK73, ZAK74, ZAK75, ZAK76, ZAK77, ZAK78, ZAK79, ZAK80, ZAK81, ZAK82, ZAK83, ZAK84, ZAK85, ZAK86, ZAK87, ZAK88, ZAK89, ZAK90, ZAK91, ZAK92, ZAK93, ZAK94, ZAK95, ZAK96, ZAK97, ZAK98, ZAK99, ZAK100.

Table of astronomical observations with columns: KURK, comp, pmax, pmax, and numerical data. Includes entries like ZAAO, ZAAO1, ZAAO2, ZAAO3, ZAAO4, ZAAO5, ZAAO6, ZAAO7, ZAAO8, ZAAO9, ZAAO10, ZAAO11, ZAAO12, ZAAO13, ZAAO14, ZAAO15, ZAAO16, ZAAO17, ZAAO18, ZAAO19, ZAAO20, ZAAO21, ZAAO22, ZAAO23, ZAAO24, ZAAO25, ZAAO26, ZAAO27, ZAAO28, ZAAO29, ZAAO30, ZAAO31, ZAAO32, ZAAO33, ZAAO34, ZAAO35, ZAAO36, ZAAO37, ZAAO38, ZAAO39, ZAAO40, ZAAO41, ZAAO42, ZAAO43, ZAAO44, ZAAO45, ZAAO46, ZAAO47, ZAAO48, ZAAO49, ZAAO50, ZAAO51, ZAAO52, ZAAO53, ZAAO54, ZAAO55, ZAAO56, ZAAO57, ZAAO58, ZAAO59, ZAAO60, ZAAO61, ZAAO62, ZAAO63, ZAAO64, ZAAO65, ZAAO66, ZAAO67, ZAAO68, ZAAO69, ZAAO70, ZAAO71, ZAAO72, ZAAO73, ZAAO74, ZAAO75, ZAAO76, ZAAO77, ZAAO78, ZAAO79, ZAAO80, ZAAO81, ZAAO82, ZAAO83, ZAAO84, ZAAO85, ZAAO86, ZAAO87, ZAAO88, ZAAO89, ZAAO90, ZAAO91, ZAAO92, ZAAO93, ZAAO94, ZAAO95, ZAAO96, ZAAO97, ZAAO98, ZAAO99, ZAAO100.

Table of astronomical observations with columns: TIRR, comp, pmax, pmax, and numerical data. Includes entries like TIRR, TIRR1, TIRR2, TIRR3, TIRR4, TIRR5, TIRR6, TIRR7, TIRR8, TIRR9, TIRR10, TIRR11, TIRR12, TIRR13, TIRR14, TIRR15, TIRR16, TIRR17, TIRR18, TIRR19, TIRR20, TIRR21, TIRR22, TIRR23, TIRR24, TIRR25, TIRR26, TIRR27, TIRR28, TIRR29, TIRR30, TIRR31, TIRR32, TIRR33, TIRR34, TIRR35, TIRR36, TIRR37, TIRR38, TIRR39, TIRR40, TIRR41, TIRR42, TIRR43, TIRR44, TIRR45, TIRR46, TIRR47, TIRR48, TIRR49, TIRR50, TIRR51, TIRR52, TIRR53, TIRR54, TIRR55, TIRR56, TIRR57, TIRR58, TIRR59, TIRR60, TIRR61, TIRR62, TIRR63, TIRR64, TIRR65, TIRR66, TIRR67, TIRR68, TIRR69, TIRR70, TIRR71, TIRR72, TIRR73, TIRR74, TIRR75, TIRR76, TIRR77, TIRR78, TIRR79, TIRR80, TIRR81, TIRR82, TIRR83, TIRR84, TIRR85, TIRR86, TIRR87, TIRR88, TIRR89, TIRR90, TIRR91, TIRR92, TIRR93, TIRR94, TIRR95, TIRR96, TIRR97, TIRR98, TIRR99, TIRR100.

BUI 17 05:26:28.6, 52°20'N, 169°40'W, h30km, mB5.0/13, mb4.8/48, MS4.7/28, MS7.4/30
IDC 17 05:26:28.6, 52°31'N, 169°42'W, h0km, mb4.4/39, mbmp4.4/41, ML4.1/2, MS4.1/67, Error ellipse: s-maj=18.1km s-min=9.8km az=174.0
NEIC 17 05:26:29.1, 9.52°10'N, 0°51'35'W, h10km, 1km, mb4.8/394, ML4.8/18, ML4.5(AEIC), Error ellipse: s-maj=11.2km s-min=5.4km az=139.0
AEIC 17 05:26:30.5, 2.152°14'N, 0°07'16'W, h4km, 4km, Error ellipse: s-maj=11.4km s-min=6.1km az=153.0
ANF 17 05:26:31.1, 0.952°27'N, 1h37m, h13km, 5km, Error ellipse: s-maj=5.3km s-min=2.1km az=39.0
GCMT 17 05:26:33.0, 0.252°0'N, 01°16'42'W, 0.03, h22km, MW4.9/98, Moment Tensor Solution. s52.c68; s98.c144; Duration: 0 Moment tensor: Scale 10^16Nm; Mr2.57±.13; Mw±0.02±.08; Mw±0.57±.08; Ms±1.61±.12; Ms±1.13±.04; Mw±0.88±.12; Best double couple: Ms3.17900±0.10^16 Np1.0±21.00000°, s27.00000°, l90.00000°. NP2: phi±0.00000°, delta±0.00000°, lambda±0.00000°. Principal axes: T 3.1520, P1g72.0000°, Azm332.0000°; N 0.0480, P1g0.0000°, Azm241.0000°, P 3.2060, P1g18.0000°, Azm151.0000°. nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rater function
ISC 17 05:26:31.8±0.8, 52°19'N, 0°07'16'W, 0°04, h24km, 4km, n786, t1920/639, mb4.8/219, MS4.2/78, 12C-18D, Fox Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like OKSP, OKSP1, OKSP2, OKSP3, OKSP4, OKSP5, OKSP6, OKSP7, OKSP8, OKSP9, OKSP10, OKSP11, OKSP12, OKSP13, OKSP14, OKSP15, OKSP16, OKSP17, OKSP18, OKSP19, OKSP20, OKSP21, OKSP22, OKSP23, OKSP24, OKSP25, OKSP26, OKSP27, OKSP28, OKSP29, OKSP30, OKSP31, OKSP32, OKSP33, OKSP34, OKSP35, OKSP36, OKSP37, OKSP38, OKSP39, OKSP40, OKSP41, OKSP42, OKSP43, OKSP44, OKSP45, OKSP46, OKSP47, OKSP48, OKSP49, OKSP50, OKSP51, OKSP52, OKSP53, OKSP54, OKSP55, OKSP56, OKSP57, OKSP58, OKSP59, OKSP60, OKSP61, OKSP62, OKSP63, OKSP64, OKSP65, OKSP66, OKSP67, OKSP68, OKSP69, OKSP70, OKSP71, OKSP72, OKSP73, OKSP74, OKSP75, OKSP76, OKSP77, OKSP78, OKSP79, OKSP80, OKSP81, OKSP82, OKSP83, OKSP84, OKSP85, OKSP86, OKSP87, OKSP88, OKSP89, OKSP90, OKSP91, OKSP92, OKSP93, OKSP94, OKSP95, OKSP96, OKSP97, OKSP98, OKSP99, OKSP100.

1017 **2020 MAY** **17d 5h**

BRWY	Burwash Landin	18.79	49	P	P	05 30 48.5	-0.7
B21K	Ikpikpak River	18.79	16	P	P	05 30 48.3	-0.7
E24K	Your Creek	18.83	24	P	P	05 30 48.9	-0.7
YUK4	Talbot Arm	18.96	49	P	P	05 30 51.7	+0.4
TOLK	Toolik Lake Re	18.99	22	P	P	05 30 51.1	-0.3
YUK6	Outpost Mounta	18.99	50	P	P	05 30 51.5	-0.2
D23K	Nanushuk River	19.00	21	P	P	05 30 51.1	-0.3
P29M	Windy Craggy	19.04	55	Iamb	Iamb	05 31 10.3	
P29M	Windy Craggy	19.04	55	P	P	05 30 52.6	+0.7
F25K	Christian River	19.26	28	P	P	05 30 54.7	+0.3
M29M	Somme Creek	19.36	46	Iamb	Iamb	05 31 05.9	
M29M	Somme Creek	19.36	46	P	P	05 30 56.1	+0.7
HYT	Haines Junctio	19.38	51	Iamb	Iamb	05 31 10.5	
HYT	Haines Junctio	19.38	51	P	P	05 30 56.0	+0.3
I27K	Kandik River	19.39	36	P	P	05 30 55.6	-0.1
G26K	Porcupine River	19.41	31	P	P	05 30 55.7	-0.2
BMAR	Burnt Mountain	19.46	29	P	P	05 30 57.2	+0.7
P30M	Million Dollar	19.51	53	P	P	05 30 56.8	-0.3
D24K	Happy Valley	19.56	22	P	P	05 30 57.7	+0.2
B22K	Teshchepuk Lake	19.62	16	P	P	05 30 57.7	-0.4
E25K	Arctic Village	19.64	27	P	P	05 30 57.8	-0.6
S31K	Pelican	19.65	60	P	P	05 30 58.8	+0.2
PLBC	Pleasant Camp	19.71	55	P	P	05 30 59.1	-0.1
L29M	29M	19.71	44	P	P	05 30 59.5	+0.3
N30M	Aishikik Lake	19.71	49	Iamb	Iamb	05 31 22.4	
N30M	Aishikik Lake	19.71	49	P	P	05 30 59.3	0.0
C23K	Iklikil River	19.72	19	Iamb	Iamb	05 31 11.4	
C23K	Iklikil River	19.72	19	P	P	05 30 59.3	+0.1
H27K	Steamboat Moun	19.75	34	P	P	05 30 58.9	-0.7
F26K	Sheenjek River	19.76	29	P	P	05 30 59.3	-0.5
BILL	Bilbino	19.78	333	Iamb	Iamb	05 31 08.1	
I28M	Miner Creek	19.92	37	P	P	05 31 01.4	-0.2
I28M	Miner Creek	19.92	37	Iamb	Iamb	05 31 14.9	
I28M	Miner Creek	19.92	37	P	P	05 31 01.1	-0.6
PEA0B	Petropavlovsk-	19.95	286	P	P	05 31 01.8	-0.2
PEA0B	Petropavlovsk-	19.95	286	Iamb	Iamb	05 31 08.0	
PEA0B	Petropavlovsk-	19.95	286	P	P	05 31 01.9	0.0
PETK	Petropavlovsk-	19.95	286	P	P	05 31 01.7	-0.2
PETK	Petropavlovsk-	19.95	286	LR	LR	05 38 59.4	
PETK	Petropavlovsk-	19.95	286	P	P	05 31 02.2	+0.3
A22K	Sinclair Lake	19.96	14	P	P	05 31 01.4	-0.4
G27K	Doyon Strip	20.02	32	P	P	05 31 02.8	+0.2
G27K	Doyon Strip	20.02	32	P	P	05 31 03.0	+0.4
A21K	Barrow	20.03	12	P	P	05 31 02.2	-0.4
C24K	Franklin Bluff	20.03	21	P	P	05 31 03.0	+0.4
O30N	Mendenhall	20.05	52	P	P	05 31 03.0	+0.1
SIT	Sitka	20.12	63	P	P	05 31 03.8	+0.1
M30M	Minto, Yukon	20.14	46	P	P	05 31 04.2	+0.3
K29M	Barlow Dome	20.22	42	P	P	05 31 04.9	0.0
SKAG	Skagway	20.23	56	P	P	05 31 06.3	+1.4
SKAG	Skagway	20.23	56	Iamb	Iamb	05 31 19.4	
SKAG	Skagway	20.23	56	P	P	05 31 05.2	+0.3
D25K	Kavik River	20.27	24	P	P	05 31 05.2	-0.1
N31M	Braeburn, Yuko	20.33	50	Iamb	Iamb	05 31 31.0	
N31M	Braeburn, Yuko	20.33	50	P	P	05 31 07.4	+1.3
BESE	Bessie Mountai	20.41	58	Iamb	Iamb	05 31 35.0	
I29M	Ogilvie Camp,	20.50	38	P	P	05 31 07.9	+0.2
S32K	Killsnoo	20.52	61	P	P	05 31 07.8	-0.2
R32K	Eaglecrest	20.57	59	Iamb	Iamb	05 31 41.5	
R32K	Eaglecrest	20.57	59	P	P	05 31 09.2	+0.7
WHY	Whitehorse	20.61	52	P	Pn	05 31 11.0	-0.5
WHY	Whitehorse	20.61	52	P	P	05 31 09.4	+0.3
MAYO	Mayo, Yukon	20.82	44	P	P	05 31 11.5	+0.2
E27K	Coleen River	20.83	29	P	P	05 31 11.2	-0.1
H29M	Whitestone	20.85	36	Iamb	Iamb	05 31 34.2	
H29M	Whitestone	20.85	36	P	P	05 31 11.7	+0.1
J30M	Hart River	20.96	41	P	P	05 31 12.8	-0.1
F28M	Old Crow	21.04	32	P	P	05 31 13.6	0.0
C26K	Camden Bay	21.06	23	P	P	05 31 13.7	0.0
P32M	Atlin	21.07	55	P	P	05 31 14.4	+0.4
M31M	Drury Creek, Y	21.13	48	P	P	05 31 15.2	+0.6
M31M	Drury Creek, Y	21.13	48	Iamb	Iamb	05 31 30.5	
C27K	Jago River	21.16	25	Iamb	Iamb	05 31 36.7	
C27K	Jago River	21.16	25	P	P	05 31 14.9	+0.1
I30M	Mount Dempster	21.18	39	P	P	05 31 14.6	-0.6
G29M	Pine Creek	21.30	34	P	P	05 31 16.0	-0.4
U33K	Whale Pass	21.38	65	P	P	05 31 17.0	-0.3
CRAG	Craig	21.44	67	P	P	05 31 17.7	-0.2
EPYK	Eagle Plains	21.52	36	Iamb	Iamb	05 31 33.9	
EPYK	Eagle Plains	21.52	36	P	P	05 31 18.2	-0.6
N32M	Quiet Lake	21.56	51	P	P	05 31 19.5	+0.3
P33M	Teslin, Yukon	21.57	54	Iamb	Iamb	05 31 33.0	
P33M	Teslin, Yukon	21.57	54	P	P	05 31 20.0	+0.6
D27M	Malcolm River	21.65	27	P	P	05 31 20.0	-0.2
E28M	Babbage River	21.69	30	P	P	05 31 19.8	-0.8
Q32M	Nakina River	21.77	57	Iamb	Iamb	05 31 39.3	
Q32M	Nakina River	21.77	57	P	P	05 31 21.5	-0.2

WRAK	Wrangell Islan	21.79	64	P	P	05 31 21.6	0.0
G30M	tAoh Zraii Nji	21.96	35	Iamb	Iamb	05 31 42.2	
G30M	tAoh Zraii Nji	21.96	35	P	P	05 31 22.9	-0.6
E29M	Blow River	22.08	31	P	P	05 31 24.2	-0.5
H31M	Peel River	22.19	39	Iamb	Iamb	05 31 47.8	
H31M	Peel River	22.19	39	P	P	05 31 24.8	-1.2
V35K	Ketchikan	22.31	67	P	P	05 31 27.3	+0.1
D28M	Stokes Point	22.34	28	P	P	05 31 27.5	+0.1
S34M	Telegraph Cree	22.37	60	Iamb	Iamb	05 31 53.5	
S34M	Telegraph Cree	22.37	60	P	P	05 31 28.4	+0.5
F30M	Barrier River	22.40	34	Iamb	Iamb	05 31 55.2	
F30M	Barrier River	22.40	34	P	P	05 31 28.1	0.0
R33M	Jennings River	22.45	56	Iamb	Iamb	05 31 48.9	
R33M	Jennings River	22.45	56	P	P	05 31 29.0	+0.1
G31M	Satah River	22.64	36	Iamb	Iamb	05 31 50.5	
G31M	Satah River	22.64	36	P	P	05 31 30.9	+0.2
MMPY	Sheldon Lake,	22.64	48	Iamb	Iamb	05 31 60.0	
MMPY	Sheldon Lake,	22.64	48	P	P	05 31 30.9	+0.1
SE5M	Seymchan	22.83	313	P	P	05 31 31.9	-0.8
T35M	Bob Quinn	22.89	62	Iamb	Iamb	05 31 57.2	
T35M	Bob Quinn	22.89	62	P	P	05 31 33.3	-0.2
DLBC	Dease Lake	22.94	59	P	P	05 31 35.2	+1.2
DLBC	Dease Lake	22.94	59	LR	LR	05 39 47.9	
DLBC	Dease Lake	22.94	59	P	P	05 31 34.3	+0.3
F31M	Tsigeitchic	23.03	35	P	P	05 31 34.4	-0.3
MA2	Magadan	23.28	304	P	P	05 31 38.0	+0.6
MA2	Magadan	23.28	304	LR	LR	05 39 49.3	
INX	Inuvik	23.47	33	Iamb	Iamb	05 31 38.2	-0.9
INX	Inuvik	23.47	33	P	P	05 31 38.1	-1.1
WTLY	Watsan Lake Y	23.57	54	P	P	05 31 39.8	-0.5
TGNT	Hyland Airport	23.90	51	P	P	05 31 44.1	+0.6
KOTAN	Kotanalee Air	25.95	54	P	P	05 32 01.9	-0.1
C36M	Faulk	27.05	34	Iamb	Iamb	05 32 23.5	
C36M	Faulk	27.05	34	P	P	05 32 12.2	+0.4
A36M	Sao Harbour	27.55	28	P	P	05 32 16.2	-0.1
YKAW3	Yellowknife Wh	30.32	48	Iamb	Iamb	05 32 43.9	
YKAW	Yellowknife Ar	30.32	48	P	P	05 32 42.2	+1.2
YKA	Yellowknife Ar	30.32	48	PcP	PcP	05 35 40.2	-0.3
YKA	Yellowknife Ar	30.32	48	LR	LR	05 47 24.0	
YKAW1	Yellowknife Wh	30.38	49	Iamb	Iamb	05 32 44.0	
B08A	Colville Reser	31.64	77	Iamb	Iamb	05 33 08.7	
TIXI	Tiksi	32.91	329	P	P	05 33 02.7	-1.0
TIXI	Tiksi	32.91	329	PcP	PcP	05 35 46.8	-0.6
TIXI	Tiksi	32.91	329	P	P	05 46 34.0	
TIXI	Tiksi	32.91	329	P	P	05 33 02.7	-1.0
NEW	Newport	33.01	76	P	P	05 33 05.8	+1.0
NEW	Newport	33.01	76	LR	LR	05 45 47.6	
NEW	Newport	33.01	76	P	P	05 33 05.2	+0.3
NEW	Newport	33.01	76	Iamb	Iamb	05 33 29.2	
BMO	Blue Mountains	34.55	81	Iamb	Iamb	05 33 36.0	
M50	Missoula	35.59	76	Iamb	Iamb	05 33 41.6	
RES	Resolute Bay	36.51	25	LR	LR	05 52 38.2	
KLR	Kuluk	36.56	289	P	P	05 33 33.9	-1.6
KLR	Kuluk	36.56	289	LR	LR	05 49 21.8	
WAKR	Walker	36.87	92	P	P	05 33 35.4	-3.0
HLID	Halley	37.00	81	P	P	05 33 40.1	+0.6
DLMT	Dillon	37.14	77	Iamb	Iamb	05 34 09.9	
BCYI	Bea Canyon	37.21	79	Iamb	Iamb	05 34 00.9	
H11N2	WAKE ISLAND Hy	37.34	219	T	T	06 14 01.7	
H11N3	WAKE ISLAND Hy	37.35	219	T	T	06 14 28.0	
H11N1	WAKE ISLAND Hy	37.36	219	T	T	06 14 30.2	
NVAR	Minna Army Bea	37.61	91	LR	LR	05 46 03.1	
ELK	Elko	38.10	85	LR	LR	05 47 33.7	
YHL	Hebgen Lake	38.26	77	Iamb	Iamb	05 34 15.2	
YHB	Horse Butte	38.30	77	Iamb	Iamb	05 34 07.5	
YMR	Madison River	38.49	77	Iamb	Iamb	05 34 09.2	
H11S1	WAKE ISLAND Hy	38.53	218	T	T	06 15 05.9	
H11S2	WAKE ISLAND Hy	38.54	218	T	T	06 15 07.0	
H11S3	WAKE ISLAND Hy	38.55	218	T	T	06 15 12.0	
HEH	HeiHei	38.57	293	eP	eP	05 33 50.1	-2.3
HEH	HeiHei	38.57	293	pP	pP	05 33 57.4	-1.2
HEH	HeiHei	38.57	293	S	S	05 39 44.3	-2.5
HEH	HeiHei	38.57	293	Ss	Ss	05 42 27.5	-7.0
HEH	HeiHei	38.57	293	pmax	pmax		
HEH	HeiHei	38.57	293	pmax	pmax		
HEH	HeiHei	38.57	293	LR	LR		
HEH	HeiHei	38.57	293	LR	LR		
HEH	HeiHei	38.57	293	LR	LR		
FFC	Flin Flon	38.77	59	P	P	05 33 54.5	+0.4
FLWY	Flagg Ranch	38.97	78	Iamb	Iamb	05 34 15.6	
HVU	Hans Lodge	39.00	82	P	P	05 33 56.3	-0.1
RLMT	Red Lodge	39.26	76	Iamb	Iamb	05 34 17.7	
MJAR	Matsushiro Arr	39.74	268	P	P	05 34 02.9	+0.6
MJAR	Matsushiro Arr	39.74	268	LR	LR	05 49 58.8	
MJAR	Matsushiro Arr	39.74	268	P	P	05 34 01.6	-0.7
MJAR	Matsushiro Arr	39.74	268	P	P	05 34 01.1	-1.2
MJAR	Matsushiro Arr	39.74	268	Iamb	Iamb	05 34 28.2	

MJB9	Matsu-Tunnel	39.74	268	P	P	05 34 00.8	-1.6
MJB9	Matsu-Tunnel	39.74	268	Iamb	Iamb	05 34 29.2	
DUG	Dugway, Toile	39.91	84	Iamb	Iamb	05 34 20.7	
BW06	Boulder Array	40.39	79	Iamb	Iamb	05 34 24.9	
PD31	Pinedale Array	40.39	79	P	P	05 34 08.4	+0.5
PD31	Pinedale Array	40.39	79	Iamb	Iamb	05 34 24.9	
PDAR	Pinedale Array	40.39	79	P	P	05 34 09.2	+1.2
PDAR	Pined						

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MUXT, TLY, 4H0A, SMWD, VHRN, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like WCI, VADS, N51A, ZALV, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KDJ, TARG, TKM2, etc.

KBZ	Khabaz	80.50 337	P	P	05 38 42.0 +0.5
	comp=Z,6.0nm,0.9s,baz=46,slow=3.9,SNR=7.6				
RETA	Reutt	80.70 360	eP	P	05 38 42.8 +0.1
	comp=Z,2.8nm,1.3s				
LESA	Schwarzeolot	80.75 359	eP	P	05 38 42.8 -0.1
	comp=Z,6.0nm,1.2s				
MOTA	Moomsal	80.84 360	iP	P	05 38 44.8 +1.3
	comp=Z,1.9nm,1.2s,SNR=5.9				
WATA	Walderalim	80.85 359	eP	P	05 38 44.4 +0.9
	comp=Z,12nm,1.2s				
ARSA	Arzberg	80.85 357	Iamb	Iamb	05 38 45.8
	comp=Z,8.2nm,1.0s				
ARSA	Arzberg	80.85 357	iP	P	05 38 44.8 +1.4
	comp=Z,3.0nm,0.7s,SNR=5.8				
CJR	Cluj-Napoca	80.86 351	iP	P	05 38 42.8 -0.6
	comp=Z,2.2nm,1.2s,SNR=2.1				
DRGR	Wattenberg	80.86 352	iP	P	05 38 42.9 -0.6
	comp=Z,4.7nm,0.8s				
ONER	Baraj Valea Uz	80.93 349	iP	P	05 38 43.7 -0.1
	comp=Z,1.9nm,0.9s				
SQTA	Sanki Quirin	80.97 360	iP	P	05 38 45.2 +1.1
	comp=Z,1.6nm,1.0s,SNR=6.3				
KBA	Koelnbreinsper	81.08 358	iP	P	05 38 46.2 +1.4
	comp=Z,2.2nm,1.2s,SNR=2.1				
FETA	Feichten	81.17 360	eP	P	05 38 45.7 +0.5
	comp=Z,1.2nm,1.0s				
DAVOS	Davos/Dischmat	81.41 1	LR	LR	06 16 10.7
	comp=Z,1.9s,baz=81,slow=37				
ABTA	Abfattersbach	81.43 359	eP	P	05 38 47.5 +0.9
	comp=Z,1.4nm,1.1s				
SOKA	Soboth	81.44 357	iP	P	05 38 47.5 +0.9
	comp=Z,2.2nm,1.1s,SNR=5.9				
MYKA	Terra Mystica	81.53 358	iP	P	05 38 47.8 +0.7
	comp=Z,6.2nm,1.1s,SNR=5.1				
FUORN	Ofenpass-Fuorn	81.57 0	P	P	05 38 48.6 +1.1
	comp=Z,2.2nm,1.2s,SNR=2.1				
OBKA	Obir	81.62 357	eP	P	05 38 48.2 +0.6
	comp=Z,8.0nm,1.1s				
PRED	Cave del Predi	81.72 358	Iamb	Iamb	05 38 49.5
	comp=Z,8.3nm,1.0s				
MLR	Muntele Rosu	81.82 349	LR	LR	06 17 45.9
	comp=Z,2.39nm,20.9s,baz=12,slow=38				
VOIR	Arges	82.08 350	iP	P	05 38 49.5 +0.1
	comp=Z,1.3nm,1.3s				
ATI	Castel Tesino	82.14 359	Iamb	Iamb	05 39 12.5
	comp=Z,2.2nm,1.2s,SNR=2.1				
CZR	Gura Ziata	82.24 351	iP	P	05 38 50.3 -0.5
	comp=Z,1.1nm,1.1s				
SALO	Salz	82.57 0	P	P	05 38 53.0 +0.5
	comp=Z,2.2nm,1.2s,SNR=2.1				
HRA	Herat	82.74 319	P	P	05 38 54.0 +0.2
	comp=Z,5.6nm,0.9s				
HERR	Herculane	82.78 352	iP	P	05 38 53.3 -0.3
	comp=Z,3.9nm,0.9s				
GNI	Garni	83.39 334	LR	LR	06 21 32.7
	comp=Z,6.7nm,19.2s,baz=0.5,slow=40				
BLBK	Belogradchik	84.01 351	iP	P	05 38 59.5 -0.5
	comp=Z,2.2nm,1.2s,SNR=2.1				
PDG	Podgorica	85.47 354	iP	P	05 39 06.4 -0.9
	comp=Z,1.9nm,1.1s				
SAHE	Sakarya HENDEK	85.69 345	iP	P	05 39 08.0 -0.5
	comp=Z,1.0nm,0.7s,baz=82,slow=2.8,SNR=6.0				
BRTR	Keskin Array B	86.31 342	P	P	05 39 11.9 +0.2
	comp=Z,50nm,19.9s,baz=80,slow=39				
BRTR	Keskin Array B	86.31 342	P	P	05 39 12.1 +0.4
	comp=Z,1.0nm,0.7s				
BNN	Bunyan	86.72 341	P	P	05 39 14.1 +0.4
	comp=Z,1.0nm,0.7s				
BNN	Bunyan	86.72 341	P	P	05 39 20.8
	comp=Z,1.0nm,0.7s				
WRA	Warramunga Arr	86.93 232	P	P	05 39 14.5 -0.1
	comp=Z,0.8nm,0.9s,baz=26,slow=5.2,SNR=2.0				
LIT	Litkhoron	87.52 351	Iamb	Iamb	05 39 18.3
	comp=Z,8.5nm,1.1s				
ESBB	Sonsec Array	87.62 11	Iamb	Iamb	05 39 22.6
	comp=Z,5.0nm,0.9s				
ESDC	Sonsec Array	87.62 11	P	P	05 39 17.9 0.0
	comp=Z,6.1nm,1.0s,baz=352,slow=4.5,SNR=24				
ESDC	Sonsec Array	87.62 11	Iamb	Iamb	06 18 15.0
	comp=Z,118nm,22.0s,baz=340,slow=36				
ESDC	Sonsec Array	87.62 11	P	P	05 39 18.4 +0.5
	comp=Z,8.5nm,1.0s				
SDV	Santo Domingo	88.32 78	LR	LR	06 22 55.6
	comp=Z,6.7nm,18.3s,baz=268,slow=38				
ASAR	Alice Springs	90.31 230	eP	P	05 39 30.9 +0.3
	comp=Z,1.5nm,0.6s,baz=92,slow=4.7,SNR=13				
ASAR	Alice Springs	90.31 230	LR	LR	06 27 03.5
	comp=Z,33nm,18.0s,baz=98,slow=40				
ASAR	Alice Springs	90.31 230	P	P	05 39 30.7 +0.1
	comp=Z,1.5nm,0.6s				
ITM	Itom	90.46 351	Iamb	Iamb	05 39 44.4
	comp=Z,7.6nm,0.9s				
MMAI	Mount Meron Ar	92.44 339	P	P	05 39 38.9 -1.7
	comp=Z,0.7nm,0.3s,baz=7.5,slow=14,SNR=3.9				
MMAI	Mount Meron Ar	92.44 339	LR	LR	06 26 23.6
	comp=Z,42nm,18.7s,baz=3.0,slow=39				
SDKA	Stevens Creek	94.09 220	LR	LR	06 18 06.5
	comp=Z,21nm,21.2s,baz=27,slow=33				
MTK1	Midelt array s	94.22 13	P	P	05 39 48.6 -0.3
	comp=Z,42nm,18.1s,baz=0.5,slow=39				
MDT	Midelt	94.30 13	LR	LR	06 27 19.2
	comp=Z,42nm,18.1s,baz=0.5,slow=39				
EIL	Eilat	96.79 339	LR	LR	06 29 18.8
	comp=Z,54nm,18.3s,baz=39,slow=39				
PAIK	Pallekele	97.31 290	LR	LR	06 26 06.8
	comp=Z,85nm,21.9s,baz=34,slow=37				
RAYN	Ar Rayn	98.70 328	P	P	05 40 08.8 -0.5
	comp=Z,1.2nm,0.7s				
VNA3	Neumayer Olym	158.81 162	PKPdf	PKPdf	05 46 28.2 +2.3
	comp=Z,1.2nm,0.7s				
VNA2	Neumayer-Watz	159.49 163	PKPdf	PKPdf	05 46 27.5 +0.8
	comp=Z,1.2nm,0.6s,baz=209,slow=0.6				

KIWB	Saint Paul Isl	5.05 354	Pn	IAML	05 37 51.2
	comp=E,117nm,0.8s				
SPIA	Saint Paul Isl	5.05 354	Pn	IAML	05 36 32.5 +3.0
	comp=Z,2.1nm,0.7s				
DOL	Dolgo Island	5.33 53	Pn	Pn	05 36 35.0 +1.5
	comp=N,79nm,1.0s				
SDPT	Sand Point	6.12 55	Pn	Pn	05 36 47.1 +2.9
	comp=Z,6.2nm,0.6s				
CNBA	Chernabura Isl	6.37 62	Pn	Pn	05 36 48.7 +1.0
	comp=Z,1.2nm,0.6s,baz=22,slow=6.4,SNR=8.4				
AMKA	Amchitka	7.12 268	Pn	Pn	05 36 59.4 +1.3
	comp=Z,2.5nm,0.8s				
CHGN	Chignik	7.60 53	Pn	Pn	05 37 07.1 +2.7
	comp=Z,6.0nm,1.2s				
M1K	Mokoyuk	8.41 11	Pn	Pn	05 37 20.1 +4.5
	comp=Z,1.2nm,0.6s				
O14K	Tiguyukivut M	8.41 29	Pn	Pn	05 37 19.0 +3.3
	comp=Z,2.5nm,0.8s				
O15K	Ungalikthiuk R	8.82 34	Pn	Pn	05 37 24.8 +3.5
	comp=Z,1.2nm,0.6s				
CHIR	Chirikof Island	8.84 20	Pn	Pn	05 37 22.7 +1.1
	comp=Z,1.2nm,0.6s				
M14K	Bethel	9.50 22	Pn	Pn	05 37 34.4 +3.8
	comp=Z,1.2nm,0.6s				
NI5K	Nikolai River	9.51 35	Pn	Pn	05 37 35.1 +4.4
	comp=Z,1.2nm,0.6s				
O16K	Kokwok River B	9.73 36	Pn	Pn	05 37 37.1 +3.3
	comp=Z,1.2nm,0.6s				
L14K	Kukuk Creek	9.88 19	Pn	Pn	05 37 40.4 +4.7
	comp=Z,1.2nm,0.6s				
K13K	Kusilvak Mount	10.10 13	Pn	Pn	05 37 44.5 +5.7
	comp=Z,1.2nm,0.6s				
M16K	Timber Creek	10.53 29	Pn	Pn	05 37 48.9 +4.3
	comp=Z,1.2nm,0.6s				
OHAH	Old Harbor	10.54 55	Pn	Pn	05 37 44.8 -0.1
	comp=Z,1.2nm,0.6s				
NI7K	Nushagak Hills	10.72 34	Pn	Pn	05 37 50.7 +3.5
	comp=Z,1.2nm,0.6s				
L16K	Owhat River	10.95 25	Pn	Pn	05 37 54.4 +4.0
	comp=Z,1.2nm,0.6s				
K15K	Wolf Creek Mou	10.97 19	Pn	Pn	05 37 55.9 +5.1
	comp=Z,1.2nm,0.6s				
O18K	Koktuh Hills	11.00 40	Pn	Pn	05 37 54.0 +2.9
	comp=Z,1.2nm,0.6s				
KDIAK	Kodiak Island	11.11 53	Pn	Pn	05 37 51.2 -1.4
	comp=Z,0.5nm,0.3s,baz=254,slow=5.2,SNR=9.8				
KDCAK	Kodiak Island	11.11 53	Pn	Pn	05 39 46.7 -1.0
	comp=Z,1.2nm,0.6s				
KDAD	Kodiak Island	11.11 53	Pn	Pn	05 37 52.9 +0.3
	comp=Z,1.2nm,0.6s				

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Table with columns: HTD, Haines Junction, 19.41 51, Pn, 05 46 55.5 +1.2, etc. Includes entries for I27K, BMAR, E25K, L29M, etc.

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

Table with columns: PET, M29M, I27K, BMAR, B22K, B22K, etc. Includes entries for Petropavlovsk, Somme Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes entries for IDC, mbmp4.0,12, ML4.3, MS3.3/1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes entries for FID, BPAW, BPAW, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes entries for IDC, mbmp3.7, MS3.8/15, NEIC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC, h, m, s, ISC. Includes stations like QSPA South Pole Qui, BELA Belgrano 2, RPZ Rata Peaks, etc.

REN 17 06:11:32.6±1.4, 38°18'N, 0°02:117.93W, 0.03, h4km, 5km, Error ellipse: s-maj=4.3km s-min=1.0km az=56.0

NEIC 17 06:11:32.3±1.0, 38°15'N, 0°01:118.02W, 0.01, h8km, 9km, ML3.2/16, ML3.3/3(REN), Error ellipse: s-maj=2.2km

s-min=1.4km az=142.0, California-Nevada border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC, h, m, s, ISC. Includes stations like NV01 Mina Array Sit, NV06 Mina Array Sit, etc.

REN 17 06:11:46.4±0.9, 38°18'N, 0°01:117.75W, 0.01, h7km, 4km, Error ellipse: s-maj=1.7km s-min=1.5km az=46.0

NEIC 17 06:11:46.4±0.9, 38°20'N, 0°01:117.74W, 0.01, h9km, 8km, ML3.3/78, ML3.5/3(REN), Error ellipse: s-maj=2.2km

s-min=1.5km az=200.0, Nevada border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC, h, m, s, ISC. Includes stations like NV11 Mina Array Sit, NV07 Mina Array Sit, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC, h, m, s, ISC. Includes stations like NV02 Mina Array Sit, NV09 Little Huntoon, etc.

WEL 17 06:16:16.8±1.4, 35°S, 29°18'0W, 3.8, h212km, 2gkm, M3.5/5, ML3.5/7, ML3.5/5, Error ellipse: s-maj=59.1km

s-min=20.7km az=125.4, East of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC, h, m, s, ISC. Includes stations like PKGZ Pakihiroa, HAZZ Te Kaha, etc.

REN 17 06:16:55.1±0.6, 38°13'N, 0°01:118.07W, 0.02, h8km, 2km, Error ellipse: s-maj=2.1km s-min=1.5km az=49.0

NEIC 17 06:16:54.6±0.7, 38°11'N, 0°01:118.09W, 0.01, h6km, 3km, ML2.7/42, ML2.3/3(REN), Error ellipse: s-maj=1.8km s-min=1.0km az=132.0, California-Nevada border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC, h, m, s, ISC. Includes stations like NV11 Mina Array Sit, NV07 Mina Array Sit, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC, h, m, s, ISC. Includes stations like NV04 Mina Array Sit, NV01 Mina Array Sit, etc.

RSNC 17 06:31:42.5±0.7, 7°N, 1°7'3W, h143km, 2km, M2.5, ML2.1

FUNV 17 06:31:44.2±7.1, 11°N, 73°13'W, h5km, MW2.7, Presumed earthquake

ISC 17 06:31:40.1±1.5, 6.82N, 0°03:73.13W, 0.05, h156km, 9km, n20, r144/40, 1C-1D, Northern Columbia

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

REN 17 06:42:02.5±0.7, 38°18'N, 0°01:117.79W, 0.01, h6km, 1km, Error ellipse: s-maj=1.6km s-min=1.4km az=218.0

NEIC 17 06:42:02.7, 38°18'N, 0°01:117.79W, h8km, Error ellipse: s-maj=2.2km s-min=1.6km az=57.0, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mrr: 0.74;

Mss: -1.71; Mss: 2.45; Mss: 0.55; Mss: 0.01; Mrr: -0.46; Fault plane: M2: 29000x0. NP2: 318.31000°, 378.63000°, -156.05000°. NP2: 223.30000°, 366.55000°, -12.41000°. Principal axes: T: 2.5128, P: 6.0000, Azm: 69.0000; N: -0.5478, P: 6.0000, Azm: 342.0000; P: -1.3650, P: 25.0000, Azm: 183.0000;

ISC 17 06:42:02.6±1.0, 38°17'N, 0°02:117.80W, 0.02, h10km, 12km, n46, c0857/59, Nevada border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC, h, m, s, ISC. Includes stations like NV01 Mina Array Sit, NV11 Mina Array Sit, etc.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h m s), Res (ISC). Rows include stations like Mina Array Sit, Little Huntoon, Deep Springs, Carvers, Kaiserville, Last Change Ra, Devils Postpil, Tinemaha, Grac Grapevine Rang, Wildcat Mounta, Pine Nut, Rachel, Popohap Spring, Cottonwood Cre, Furnace Creek, Pah Rah Range, Martis Peak, Fatroc Range, China Lake, Vestal, Richgr, Isabella, Lake Forest Hills, Bekworthy, Chr Canyon Lake, Sheep Range, Goldstone, Bar, San Andreas Ge, Elko, Sutter Butte, Cedar City, Carmenet Viney.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h m s), Res (ISC). Rows include IDC 17 06:42:15.7, JHU Hachijo jima 2, JCJ Chichijima, MJAR Matushiro Arr, WRA Warramunga Arr, ASAR Alice Springs.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h m s), Res (ISC). Rows include SOME 17 06:57:39.7, NNC 17 06:57:40.7, KRNET 17 06:57:40.2, ISU 17 06:57:41.4, Code Station Name, Azimuth (AZ), Phase ID, Time (h m s), Res (ISC). Rows include ARLS Aral, ARK Arkit, MRKS Merke, EKS2 Erkin-Say, EKS3 Erkin-Say, SALK Salom-Alik, UCH Uchtor, UCH Osh, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h m s), Res (ISC). Rows include AAK Tashata, KBK Karagaybulak, CHMS Chumysh, DZA Taraz, FRG Fergana, USP Ospenovka, USP Ospenovka, Sufi-Kurgan, Jany-Kuch, Sogindy, SGDS Tokmak 2, TKM2 Tokmak 2, Mingtut, Naryn, Ulahol, Ulahol, Karatay Array, KK31 Karatay Array, CHMG Chimgan, DGS Degeres, KST Kasetek, CHRV Charvak, BTK Batken, DRK Karamyk, TVKS Tavaksay, BRLS Boroday, BRLS Boroday, KDJ Kajisay, KDJ Kajisay, TNSS Tian-Shan, NZBK Nazarebek, KUU Kurty, KUU Kurty, KNDC Almet, KNDC Almet, MDOK Medeo, KOTS Kotrybulak, KOTS Kotrybulak, KOTS Kotrybulak, BTLS Baital, BTLS Baital, TARG Taragay, Garm, KURS Kuram, KURS Kuram, SATY Saty, SATY Saty, ARXS Arhary, ARXS Arhary, CHGR Chuyangaron, KPKK Kokek, KPKK Kokek, BLB Baldybastay, BLB Baldybastay, UZB Uzbekistan, UZB Uzbekistan, SHLS Shalkode, SHLS Shalkode, PDGG Podgornoye, PDGG Podgornoye, KNOS Konyrien, KNOS Konyrien, DJR Jarkent, DJR Jarkent, MK31 Makanchi Aray, MK31 Makanchi Aray, KURBB Kurchatov Arr, KURBB Kurchatov Arr.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h m s), Res (ISC). Rows include CATAC 17 07:15:33.5, SOF 17 07:16:21.2, IDC 17 07:16:24.9, ISK 17 07:16:26.9, ATH 17 07:16:26.9, AFAD 17 07:16:27.7, THE 17 07:16:27.7, Code Station Name, Azimuth (AZ), Phase ID, Time (h m s), Res (ISC). Rows include JAYA Jayaque, JAYA Jayaque, ITCA Escuela Especi, LOMA Loma Larga, LOMA Loma Larga, PMON Piamonte, PMON Piamonte, SEMO Seminario San, UUES Universidad Ev, UUES Universidad Ev, CEVE Cerro Verde, CEVE Cerro Verde, SJTE Alcaldia de S, FAME Alcaldia de S, CEDA San Andres, UDBS Universidad Do, NUBE Las Nubes, NUBE Las Nubes, TECO Alcaldia de Te, TECO Alcaldia de Te, COEG Centro de Oper, COEG Centro de Oper, PAVA Las Pavas, PAVA Las Pavas, SLOZ Alcaldia de Sa, SLOZ Alcaldia de Sa, SCLA Alcaldia de Sa, SCLA Alcaldia de Sa, RBDL Rodelay, PACA Pacalay, PACA Conchagua, CNCH Cosiguina Volc, CSGN Potosi Cosigui, MACN El Madrono, LIMN Finca el Limon, LIMN Finca el Limon.

Table with columns: Code, Station Name, Azimuth (AZ), Phase ID, Time (h m s), Res (ISC). Rows include SOF 17 07:16:21.2, IDC 17 07:16:24.9, ISK 17 07:16:26.9, ATH 17 07:16:26.9, AFAD 17 07:16:27.7, THE 17 07:16:27.7, Code Station Name, Azimuth (AZ), Phase ID, Time (h m s), Res (ISC). Rows include EAG2 Marmaro, EAG2 Marmaro, CHOS Chios island, CHOS Chios island, CHOS Chios island, CHOS Chios island, KARB zmir-Karabur, KARB zmir-Karabur, KARB zmir-Karabur, KARB zmir-Karabur, CESE eme, CESE eme, PRK Paraskevi, PRK Paraskevi, PRK Paraskevi, PRK Paraskevi, KRB Karaburun, GPNR Gulpinar-Canak, FOCM Foa, URLA Izmir, URLA Izmir, URLA Izmir, ZEYE Izmir, ZEYE Izmir, ZEYE Izmir, ZEYE Izmir, KOCA Canakkale, KOCA Canakkale, KOCA Canakkale, BAGT Foa, BAGT Foa, BAGT Foa, BAGT Foa, AYVA Ayvalik, AYVA Ayvalik, AYVA Ayvalik, SKY Skiros Island, SKY Skiros Island, DKL Dikili, DKL Dikili, DKL Dikili, EFAA Agios Efstrati, EFAA Agios Efstrati, ZEDA zmir-Bergama, ZEDA zmir-Bergama, ZEDA zmir-Bergama, ZEDA zmir-Bergama, BLBC Balcova, BLBC Balcova, BOZC Bozcaada, BOZC Bozcaada, BOZC Bozcaada, BOZC Bozcaada, EZNE Ezine-Canakkal, EZNE Ezine-Canakkal, DGB zmir, DGB zmir, DGB zmir, GMLD Gumuldur, GMLD Gumuldur, EZN Ezine, EZN Ezine, BAYC CANAKKALE_Bayr.

17d 8h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Mina Array Sit, Tonopah, Deep Springs, etc.

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Table with columns: PFO, PFDAR, ANMO, TXAR, BBB, ULM, YKA, SADO, ILAR, etc. Includes station names like Pinyon Flats O, Pinale Array, Albuquerque, etc.

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Table with columns: YERKESIK, TURUNC, MUGLA, MILAS, DALYAN, DATCA, RHODES, KAYBAS, MULA-DATSA, MULA-DALAMAN, BODRUM, TASOLUK, YALIKAVAK, DENIZLI, ARKHANGELOS, AYDIN, DIDIM, CAMEL, DENIZLI-TAVAS, DENIZ, CAEL, KLYMNOS, AYDIN, NAZLI, GCAM, GZELCAMI, GCAM, GCAM, APAMY, IZZE, IZZE, IZZE, KUSADASI, IZMIR, GOLHI, GOLHI, GOLHI, MULA-SEYDIKE, KNIK, KNIK, SULTU, SULTU, SULTU, KIRAZ, KIRAZ, KIRAZ, SMG, SMG, ODEM, INCE, INCE, DUVT, DUVT, DUVT, AKAS, AKAS, AKAS, AKAS, KARLOVASI, ELMALI, ELMALI.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like KSL, GMLD, PASA, URLA, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like KEFZ, SEDI, SUSR, etc.

Table with columns: Call Sign, Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like URZ, MWZ, RAHZ, etc.

NOU 17 09:06:37.0, 23.81S:176.04W, h465km, mb4.3/15, South of Fiji Islands
IDC 17 09:07:15.2, 1.4, 25.99S:179.07E, h534km, 20km, mb3.1/6, mbmp4.07, Error ellipse: s-maj=31.6km s-min=15.3km az=35.0

IDC 17 09:43:12.9, 1.1, 6.60N:127.43E, h0km, mb3.6/5, mbmp3.6/5, MS3.0/1, Error ellipse: s-maj=32.2km s-min=20.2km az=51.0
MAN 17 09:43:14.0, 6.38N:127.56E, h28km, MS3.5
ISC 17 09:43:13.2, 6.50N:127.25E, h0km, mb1.3/3km, n16.0, +96/23, mb3.7/5, Philippine Islands region

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CAE Caneva, TUE Stuetta, TUE comp=E,56um,0.3s, TUE comp=N,44um,1.4s, etc.

LDG 17:10:44.39±0.6, 47.32N:8.00E, h2km, Md2.1/2, M11.8/1, Error ellipse: s-maj=11.4km s-min=5.8km az=147.0, Switzerlnd

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CDF Champ du Feu, CDF 2.4nm,0.3s, CDF Champ du Feu, etc.

IDC 17:11:05:29.6±0.6, 17:24N:94.47W, h119km, 10km, mb3.37, mblmp3.8/9, Error ellipse: s-maj=32.2km s-min=11.3km az=39.0

CATAC 17:11:05:30.9, 17°N, 3°9'5W, h125km, 3km, M4.1/7, mb3.6/1, MLV4.4/7, confirmed MEX 17:11:05:31.8±1.9, 17:12N:94.68W, h132km, 11km, MD4.4, Presumed earthquake

ISC 17:11:05:30.1±0.7, 17:19N:0.04:94.66W±0.02, h139km, 6km, n66, c21/107, mb3.6/5, Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMIG Matias Romero, CMIG Matias Romero, TUIG Tuzandepetl, etc.

2020 MAY

Table with columns: TOIG, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TOIG Toxpalan, TOIG Comitan, TOIG Comitan, etc.

IDC 17:11:10:49.4±1.1, 34.84N:97.74W, h0km, mblmp3.4/6, ML3.1/5, Error ellipse: s-maj=15.5km s-min=10.5km az=147.0

NEIC 17:11:10:49.2±1.7, 34.978N:0.006:97.70W±0.01, h11km, 6km, mb_Lg37/134, ML3.3/53, ML3.1/34, Mw3.3/7(SLM), Error ellipse: s-maj=1.7km s-min=0.9km az=89.0

NEIC 17:11:10:49.1±1.6, 34.975N:0.008:97.70W±0.01, h11km, 6km, Error ellipse: s-maj=1.7km s-min=1.2km az=89.0

NEIC 17:11:10:49.34:97N:97.70W, h9km, Moment Tensor Solution. Moment tensor: Scale 10^14 Nm; Mr=0.44; Mw=1.10; Mw0.66; Mw=0.44; Mw=0.07; Mw=0.67; Fault plane solution: Mo1.24000x10^14 NP1:0.230.00000, 0.159.00000, 0.145.00000. NP2:0.125.00000, 0.847.00000, 0.159.00000. Principal axes: T 1.2456, Plg42.00000, Azm98.00000; N 0.0012, Plg342.00000, Azm245.00000; P -1.2468, Plg17.00000, Azm352.00000

ISC 17:11:10:48.9±1.1, 34.93N:0.003:97.64W±0.03, h9km, 10km, n102, c19/19/89, Oklahoma

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like X34A Smith Ranch, FNO Franklin, FNO Franklin, etc.

17d 11h

Table with columns: QUOK, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like QUOK Quay, QUOK Pawnee Station, QUOK Carrier, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VHRN Van Horn, 146A Union, TXAR Lajitas Array, etc.

REN 17 11:22:50.3±1.7, 38°20m.0±0.1; 117°78W±0.02, h12km, 7km, Error ellipse: s-maj=2.0km s-min=1.7km az=2.0, h10km, 2km, NEIC 17 11:22:49.8±1.9, 38°21m.0±0.1; 117°78W±0.02, h10km, 2km, ML3.4/110, ML3.7/121(N), Error ellipse: s-maj=3.0km s-min=2.5km az=22.0, Nevada

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NV11 Mina Array Sit, NV06 Mina Array Sit, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AFDM Forest Hills D, SHPR Sheep Range, GSC Goldstone, etc.

KRSC 17 11:26:32.7±1.6, 48°44'N±156.68E, h15km, 32km, ML3.9, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PAU Pauzhetka, KDR Khodutka, etc.

BUI 17 11:38:18.8, 33°24'N; 135°25'E, h20km, mB4.8/14, mB4.6/44, Ms4.0/25, Ms7.3/8/27

NEIC 17 11:38:25.9, 33°66'N; 134°72'E, h18km NEIC 17 11:38:26.4±1.3, 33°66'N±0.07; 134°69'E±0.06, h23km, 6km, mB4.6/22, Mw4.5/14, Error ellipse: s-maj=10.4km s-min=6.3km az=164.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; M=0.14; Mw=7.54; Mw=7.68; Mw=0.52; Mw=1.84; Mw=1.83; Fault plane solution: Ms8.00000x10^15 NP1: 127.55000°; 852.79000°; 1.169.45000°. NP2: 218.87900°; 879.54000°; 7.33000°. Principal axes: T 8.3191; Pz13.0000°; Azm83.0000°; N -0.5470; Plg77.0000°; Azm274.0000°; -7.7721, Plg2.0000°. Azm173.0000°.

NIED 17 11:38:26.5±0.1, 33°61'N; 134°75'E, h37km, MW4.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; M=0.03; Mw=7.80; Mw=7.77; Mw=2.05; Mw=0.19; Mw=0.51; Fault plane solution: Ms8.05000x10^15 NP1: 0±137.00000°; 877.00000°; -1.173.00000°. NP2: 0±45.00000°; 883.00000°; -1.13.00000°.

JMA 17 11:38:26.5±0.1, 33°61'N; 134°75'E±0.2, h37km, MD4.6/39, MW4.6/39, SE OFF SHIKOKU.

JDC 17 11:38:27.1±1.9, 33°60'N; 134°84'E, h38km±17km, mb3.9/24, mbmp4.2/33, ML4.2/9, MS3.5/37, Error ellipse: s-maj=13.0km s-min=12.6km az=139.0.

ISC 17 11:38:26.7±0.7, 33°58'N±0.04; 134°76'E±0.03, h33km±4km, n420, 0180/384, mb4.5/45, MS3.6/38, 1C-8D, Shikoku

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAI Aioi, JAI Murotomisaki, etc.

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHE Hegurri, JKS Kasai, JKS Kubokawa, etc.

17d 11h

2020 MAY

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Table with columns: Station, Az, El, P, S, R, Time, Res. Includes stations like WAT6, M2K3, DHYK, ILAR, HDA, G25K, SCM, ARTI, E25K, F25K, C26K, P23K, GLI, PRP, K24K, M24K, C27K, F26K, PAX, KLU, PALK, Q23K, RIDG, G26K, HARP, EYAK, SCRK, I26K, BMRM, ASAR, E27K, D27K, L26M, KAIM, G27K, H27K, M26K, I27K, MCARA, CRQE, E28M, F28M, L27K, D28M, M27K, I28M, E29M, MESA, BVCY, G29M, H29M, YUK3, I29M, O28M, YUK8, PINM, EPYK, G30M, F30M, L29M, M29M, BRWY, K29M, YUK4, I30M, KIRV, J30M, YUK6, INK, O29M, G31M, F31M, M30M, MAYO, H31M, H30M, Y30M, P29M, P30M, N31M, O30M.

Table with columns: PLBC, M31M, A36M, WHY, S31K, N32M, P32M, R32K, SIT, M3P3, S32K, C36M, SPITS, R33M, U33K, CRAG, WRAK, DLBC, V35K, T35M, ARCES, ARCES, KOTAN, RES, DAG, KBZ, NEEM, FINES, FINES, GNI, YKA, AK03, AKASG, AK01, AK09, AK04, AK08, AK02, AK10, AK11, AK22, SUMG, LUBAR, HFS, BRNPS, NB2, NOA, NOA, SORM, BRTR, BRTR, MLR, ASF, MMAI, SFJD, VRAC, CLL, EIL, GERES, ULM, DAVOX, TXAR, NEIC, REN, NEIC, TOR, ISC, TXAR, MHC, ORV, SUTB, PSUT, PSUT, PSUT, MTPC, MTPC, MTPC, ELK, ELK, ELK, ELK, V12A, V12A.

Table with columns: NV08, NV03, NV03, NV04, NV04, NV01, NVAR, NVAR, NV05, NV05, NV02, NV09, NV09, LHV, LHV, LHV, LHV, LHV, TVH1, TVH1, DSP, DSP, MLAC, MLAC, MCBM, MCBM, KVN, KVN, Q09A, Q09A, Q09A, Q09A, LCH, LCH, MDYM, MDYM, MDYM, MDYM, GMIN, GMIN, MDPB, MDPB, MDPB, MDPB, TIN, TIN, TIN, TIN, WAKR, WAKR, GRAC, GRAC, KRCC, KRCC, EBP, EBP, PNTR, PNTR, WCT, WCT, WCT, WCT, WCT, WCT, PNRV, PNRV, PNRV, PNRV, PNRV, PNRV, PAHR, PAHR, PAHR, PAHR, CPY, CPY, SDH, SDH, MPK, MPK, PEAR, PEAR, JWCY, JWCY, GJRW, GJRW, DONR, DONR, TOW, TOW, CLC, CLC, QSM, QSM, QSM, QSM, SRTO, SRTO, VES, VES, VES, AFDM, AFDM, ISABEL, ISABEL, BEKR, BEKR, CCHA, CCHA, LRM, LRM, SHRP, SHRP, GSC, GSC, GSC, GSC, PKD, PKD, PKD, PKD, MHC, MHC, ORV, ORV, SUTB, SUTB, PSUT, PSUT, PSUT, PSUT, MTPC, MTPC, MTPC, ELK, ELK, ELK, ELK, V12A, V12A.

Table with columns: Call Sign, Frequency, Mode, Power, Location, and other details. Includes stations like JRSC, CVS, O03E, CCUT, etc.

Main table with columns: Call Sign, Station Name, Frequency, Mode, Power, Location, and other details. Includes stations like HHC, HHC, HHC, KURBB, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Location, and other details. Includes stations like MSVF, DZM, URZ, PMG, etc.

17z 13h

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

MDD 17 13:04:07.0-1.8, 36°15'N; 118°55'W, h0km, Mb3.7/3, M_mb2 9/3, Error ellipse: s-maj=22.2km s-min=13.2km az=145.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PVFI Vila Bisbo, MORF Marmelete, etc.

2020 MAY

Table with columns: PSARD Sardoal, PSARD Sardoal, PSARD Sardoal, etc. Includes stations like PSARD Sardoal, PCAS Casimiro, Conde, etc.

REN 17 13:17:55.7-2.1, 38°158'N; 0°00'4-117°96'W-0.03, h10km, 2km, Error ellipse: s-maj=3.0km s-min=0.7km az=84.0

NEIC 17 13:17:54.6-1.6, 38°15'N; 0°02'117°91'W-0.008, h10km, ML3.4/134, ML3.9/7(REN), Error ellipse: s-maj=3.1km s-min=2.0km az=10.0, Nevada

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

AMDNW Amarapura, GWY Greenwater Val, GWY Greenwater Val, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PVFI Vila Bisbo, MORF Marmelete, etc.

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Table with columns: ICU Indian Springs, HULI Fort Hunter Li, HULI Fort Hunter Li, etc. Includes stations like ICU Indian Springs, HULI Fort Hunter Li, V12A Nelson, etc.

IDC 17 13:33:15.2-2.9, 5°32'S; 151°88'E, h48km, 22km, mb3.6/8, mbmp3.9/9, ML2.5/1, MS3.1/8, Error ellipse: s-maj=37.8km s-min=19.1km az=117.0

NEIC 17 13:33:16.3-1.5, 5°35'S; 0°08'152°0'E-0.1, h60km, 7km, mb4.3/17, Error ellipse: s-maj=18.4km s-min=10.1km az=114.0

ISC 17 13:33:14.7-0.7, 5°36'S; 0°08'152°0'E-0.1, h45km, n42, o#93/37, mb4.0/15, MS3.1/6, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRVT Keravat, RABL Rabel, MANU Manas Island, etc.

ASAR Alice Springs, FITZ Fitzroy Cross, FITZ Fitzroy Cross, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PVFI Vila Bisbo, MORF Marmelete, etc.

KRSC 17 13:39:07.9-2.6, 49°08'N; 154°90'E, h213km, 24km, M4.5, MOS 17 13:39:08.6-1.0, 49°58'N; 153°71'E, h205km, mb4.0/4, Error ellipse: s-maj=12.3km s-min=4.4km az=62.7

Table with columns for station name, frequency, power, and location. Includes stations like PAU, MIPR, KDRTR, ASAK, etc.

Table with columns for station name, frequency, power, and location. Includes stations like H1N2, H1N1, H1N3, TRF, etc.

Table with columns for station name, frequency, power, and location. Includes stations like PTBC, OCAC, SPBC, etc.

17d 14h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, BVAR Borovoye Array.

IDC 17 14:28:38.6:1.6, 12.78N:90.71W, h0km, mb3.8/8, mbmp3.8/10, ML2.9/3, MS3.4/4, Error ellipse: s-maj=36.1km s-min=22.3km az=44.0

NEIC 17 14:28:41.6:1.8, 12.83N:0.08:96W:0.07, h10km, mb3.8/8, mb4.4/39, Error ellipse: s-maj=13.7km s-min=11.5km az=180.0

GCG 17 14:28:43.8:1.3, 12.95N:91.11W, h36km, 999km, MD4.5, Presumed earthquake

CATAC 17 14:28:44.1, 13.1N:3.9*1W:1, h1km, 1km, M3.6/24, ML3.6/24, confirmed

SNET 17 14:28:45.7:2.2, 13.18N:90.88W, h3km, ML3.4, Presumed earthquake

ISC 17 14:28:42.3:2.0, 12.97N:0.07:91.00W:0.04, h11km, 11km, n102, c157/114, mb4.3/22, MS3.3/4, Off coast of central America

Main station list table for 17d 14h, listing stations like FAME Alcaldia de Sa, FG16 Yecopaca, NUBE Las Nubes, etc.

2020 MAY

Main station list table for 2020 MAY, listing stations like E38A The Farm, PDAR Pinedale Array, BUKO Buck Lake, etc.

1036

Main station list table for 1036, listing stations like MKAR Makanchi Array, NOU 17 14:39:42.3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, etc.

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

Table with columns: CTAO Charters Tower, CTAO Charters Tower, CTAO QLP, etc. Includes various station codes and names.

IDC 17 14:57:27.0,0.3,3.43S,135.56E,h0km,mb3.9/5, m1/5,MS2.8/1,Error ellipse: s-maj=29.2km s-min=20.1km az=70.0

DJA 17 14:57:31.8,0.2,3.2S,133.6E,h10km,M4.5/20,mb5.4/1, mb4.6/17,MLV4.5/20,Mw(mb)4.8/1

NEIC 17 14:57:32.8,0.9,3.45S,108.135E,h0.7km,6.6km, mb4.4/12,Error ellipse: s-maj=12.7km s-min=9.5km az=202.0

ISC 17 14:57:30.5,0.5,3.55S,105.135E,h0.05,h22km,n50, z=22521.1,mb4.16,Irian Jaya region

NOU 17 15:49:49.0,23.39S,177.44W,h491km,mb4.1/28, South of Fiji Islands

IDC 17 15:50:11.6,1.6,2.4S,179.80E,h499km,16km, mb3.4/12,mbtmp4.2/15,Error ellipse: s-maj=17.9km s-min=13.5km az=101.0

NEIC 17 15:50:12.6,1.5,2.4S,179.80E,h1.5h51km,6.6km, mb4.4/37,Error ellipse: s-maj=16.0km s-min=9.1km az=108.0

ISC 17 15:50:11.8,0.4,2.49S,105.179.76E,h0.07,h501km, n157,s154/167,mb4.3/31,4D, South of Fiji Islands

IDC 17 15:02:42.3,12.0,11.34N,91.99E,h0km,mb3.3/3, mbtmp3.3/3,Error ellipse: s-maj=667.3km s-min=32.3km az=60.0,Andaman Islands region

WEL 17 17:33.61.0.32'S:21°17'9E:4'5,h398km,46km, M3.5/11,mB3.9/11,ML4.3/12,MLV4.4/7,Mw(MB)2.9/11, Error ellipse: s-maj=63.0km s-min=13.6km az=112.8, Kermadec Islands region

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

SJA 17 17:34.70.0.21'29S:68°65'W,h135km,7km,ML3.3,MW3.6 GUC 17 17:36.30.0.21'30S:68°55'W,h119km,5km,ML3.4 IDC 17 17:37.82.8.21'22S:68°17'W,h123km,25km,mb3.6/3, mbmp3.9/7, Error ellipse: s-maj=34.1km s-min=22.3km az=105.0

ISC 17 17:37.35.7.0.821'25S:0°03'68.56W:0.06,h121km,8km, n35,-1931/52,6C,Chile-Bolivia border region

Main table listing stations and their coordinates. Columns include Code, Station Name, Delta Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IPOC Station P, PB09, PB07, etc.

YKA Yellowknife Arr 91.06 340 P P 17 30 27.1 +1.2 comp=Z,0.3nm,0.6s,baz=138,slow=4.6,SNR=6.6 MKAR Makanchi Array 145.24 36 PKPbc PKPKP 17 37 00.8 -2.1 comp=Z,0.2nm,0.7s,baz=326,slow=3.5,SNR=4.0

Table for YKA and MKAR stations. Columns: Code, Station Name, Delta Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KRAI, FAKI, SUJI, etc.

DJA 17 17:23:19.8:0.6:3'S:3°13'0E:h23km,7km,M3.8/16, mB5.1/1;mb4.6/4,MLV3.3/16,Mw(MB)4.4/1,Seram

IDC 17 17:33:15.5:2.0,7'82S:127°41'E,h159km,20km,mb3.2/3, mbmp4.0/8, Error ellipse: s-maj=22.8km s-min=19.6km az=108.0

ISC 17 17:33:15.1:0.9,7'97S:0°07'127.57E:0.09,h150km,n9, #250/13,mb3.5/3,Banda Sea

Table for IDC and ISC stations. Columns: Code, Station Name, Delta Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BATI, SIJI, FITZ, WRA, etc.

ROM 17 17:47:53.70.1,37.730N:0°004.15:106E:0°008, h8km,ML2.1/20,3C-2D, Error ellipse: s-maj=0.7km s-min=0.3km az=295.0, Sicily

Main table listing stations for ROM. Columns include Code, Station Name, Delta Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EVRN, EMCN, ENIC, etc.

Table for ROM stations. Columns: Code, Station Name, Delta Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CTI, CGRP, VARN, etc.

IDC 17 17:53:22.9:3.5,24'68S:177°24'W,h136km,29km,mb3.7/9, mbmp4.2/11,MS3.1/3, Error ellipse: s-maj=22.1km s-min=19.6km az=16.0

ISC 17 17:53:24.0:0.6,24'97S:0°06:177°1'W:0.1,h150km,n86, #262/63,mb4.1/11,4C,South of Fiji Islands

Main table listing stations for ROM. Columns include Code, Station Name, Delta Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RAO, RIZ, RAO, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC, h, m, s, ISC. Includes stations like QSPA South Pole Qui, MAW Mawson, H03S2 Juan Fernandez, etc.

ISC 17 17:57:39.1±2.5, 36°80'N, 144°07'E, h0km, mb3.3/4, mbtmp3.6/7, ML3.6/3, MS2.3/2, Error ellipse: s-maj=5.7km s-min=26.3km az=66.0

NIED 17 17:47:43.5, 37°10'N, 143°89'E, h22km, MW3.5, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm, M=1.52; Mw=0.23; Mw1.85; Mw0.16; Mw0.20; Mw0.30; Fault plane solution: M1:88000°/101°4 NPT1:1.00000°, 3.32.00000°, λ-96.00000°. NP2:φ189.00000°, δ58.00000°, λ-86.00000°

JMA 17 17:57:44.2±0.3, 37°0N, 0°8:14'4E, h53km, MV3.8/30, FAR E OFF NORTH HONSHU

ISC 17 17:57:43.5±1.2, 36°87'N, 0°05:143'97E, h0.09, h35km, n25, c169/31, mb3.4/4, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC, h, m, s, ISC. Includes stations like JIKH Ishinomakikobu, JJK Kawauchi, ONAJ Iwakimizuishiy, etc.

ISC 17 18:06:51.5±0.9, 3°37'S, 140°23'E, h0km, mb3.6/6, mbtmp3.7/7, ML4.3/1, MS3.0/2, Error ellipse: s-maj=31.7km s-min=8.9km az=115.0

DJA 17 18:06:54.0±0.3, 3°3'S, 141°0E, h11km, mb4.4/1, mb4.5/9, MLV4.4/11

ISC 17 18:06:53.2±0.7, 3°10'S, 0°06:139'96E, h10km, n18, c25/19, mb3.5/5, Irian Jaya

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC, h, m, s, ISC. Includes stations like GENE Genyem, JAY Jayapura, JAY Jayapura, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC, h, m, s, ISC. Includes stations like ASAR Alice Springs, CMAR Chiang Mai Arr, SONM Songino Array, etc.

NEIC 17 18:16:51.9±1.0, 38°17'N, 0°01:118'00W, h9km, 7km, ML3.3/126, ML3.7/9(REN), Error ellipse: s-maj=2.8km s-min=1.8km az=54.0

ISC 17 18:16:52.1±1.9, 38°13'N, 117°97W, h0km, mb2.8/1, mbtmp3.1/3, ML2.8/2, Error ellipse: s-maj=18.4km s-min=7.9km az=22.0

REN 17 18:16:52.0±1.1, 38°15'N, 0°01:118'00W, h0.02, h6km, 5km, Error ellipse: s-maj=2.5km s-min=1.1km az=52.0

ISC 17 18:16:52.2±1.1, 38°15'N, 0°02:117'99W, h0.02, h4km, 11km, n80, c65/69/71, Nevada

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC, h, m, s, ISC. Includes stations like NV11 Mina Array Sit, NV06 Mina Array Sit, NV07 Mina Array Sit, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC, h, m, s, ISC. Includes stations like GMN Gold Mountain, GMM Gold Mountain, TIN Tinemaha, etc.

SDH Striped Hills, PEAR Peavine Mountain, MPMC Manual Prospect, etc.

TOW Tower One, CLC China Lake, QSM Queen of Sheba, etc.

BEKR Beckworth, CCCA Chr Cany Lake, etc.

CCCA, SHPR Sheep Range, MHC Mount Hamilton, etc.

SUTB Sutter Butte, TPO Tropico Hills, etc.

PSUT Pine Spring, PSUT, etc.

MTPC Mountain Pass, etc.

ISC 17 18:06:53.2±0.7, 3°10'S, 0°06:139'96E, h10km, n18, c25/19, mb3.5/5, Irian Jaya

ISC 17 18:06:53.2±0.7, 3°10'S, 0°06:139'96E, h10km, n18, c25/19, mb3.5/5, Irian Jaya

ISC 17 18:06:53.2±0.7, 3°10'S, 0°06:139'96E, h10km, n18, c25/19, mb3.5/5, Irian Jaya

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC, h, m, s, ISC. Includes stations like MTPC, HULI Fort Hunter Lt, HULI, etc.

ELK Elko, ELK Elko, ELK Elko, etc.

V12A Nelson, V12A, etc.

CVS Carment Viny, CVS, etc.

MNRC McLaughlin Min, MNRC, etc.

MNRC, OSI, OSI, etc.

OO3E, OO3E, etc.

CCUT, CCUT, etc.

PDAR, PDAR, etc.

ULM, ULM, etc.

YKA, YKA, etc.

CATAC 17 18:56:37.0, 14°14'N, 9°3'W, h4km, 6km, M3.6/7, MLV3.6/7, confirmed

MEX 17 18:56:38.0±0.6, 14°26'N, 93°36'W, h10km, MD4.0, Presumed earthquake

GCG 17 18:56:39.2±1.7, 14°32'N, 93°16'W, h21km, 19km, MD4.2, Presumed earthquake

ISC 17 18:56:32.2±1.4, 14°33'N, 0°08:93'34W, h2km, 12km, n22, c152/733, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC, h, m, s, ISC. Includes stations like THIG, THIG, THIG, etc.

ISC 17 19:07:42.8±0.3, 25°47'S, 179°87'E, h469km, 2km, mb4.2/33, mbtmp5.0/35, Error ellipse: s-maj=7.7km s-min=7.2km az=174.0

NEIC 17 19:07:42.4, 25°44'S, 179°95'E, h457km, Moment Tensor Solution, Duration: 2.77, Moment tensor: Scale 10^17Nm

Mw=0.59; Mw=0.23; Mw=0.36; Mw=0.08; Mw=0.16; Mw=1.78; Fault plane solution: M1:86000°/101° NPT1:1.00000°, φ325.03000°, δ9.13000°, λ54.46000°. NP2:φ180.92000°, δ82.58000°, λ95.34000°. Principal axes: T 1.9708, Plg52.0000°, Azm97.0000°; N -0.2427, Plg5.0000°, Azm0.0000°; P -1.7290, Plg37.0000°, Azm266.0000°

NEIC 17 19:07:42.5±0.3, 25°45'S, 0°10:179'9E, h1.45, h459km, 2km, mb5.1/367, Mmw5.4/14 Error ellipse: s-maj=15.5km s-min=14.1km az=113.0

GFZ 17 19:07:43.4, 25°44'S, 179°89'E, h487km, MW5.5, Moment Tensor Solution, s26 Moment tensor: Scale 10^17Nm

Mw=0.41; Mw=0.05; Mw=0.28; Mw=0.11; Mw=1.85; Fault plane solution: NP1:φ169.00000°, Azm186.00000°, Plg52.00000°, Azm97.00000°; N -0.2427, Plg5.0000°, Azm0.0000°; P -1.7290, Plg37.0000°, Azm266.0000°

Principal axes: T 2.0700, Plg47.0000°, Azm85.0000°; N -0.3600, Plg5.0000°, Azm349.0000°; P -1.7100, Plg41.0000°, Azm254.0000°

BGR 17 19:07:44.1, 26°13'S, 179°20'E, h494km, 3km

NOU 17 19:07:44.1, 25°49'S, 179°94'W, h486km, ML5.1/123, South of Fiji Islands

GCMT 17 19:07:46.5±0.2, 25°49'S, 0°02:179'91E, h477km, 1km, MW5.5/118, Moment Tensor Solution, s118, c205

Duration: 1x3, Moment tensor: Scale 10^17Nm, Mw=0.33; Mw=0.17; Mw=0.16; Mw=0.16; Mw=0.42; Mw=0.12; Mw=2.02; φ3; Best double couple: M2:0250°/103° NPT1:φ308.00000°, δ5.00000°, λ50.00000°. NP2:φ168.00000°, δ86.00000°, λ93.00000°

Principal axes: T 2.1450, Plg49.0000°, Azm81.0000°; N -0.1190, Plg3.0000°, Azm347.0000°; P -0.2260, Plg41.0000°, Azm255.0000°; nsta1 refers to body waves, cutoff=40s. Triangular moment-rate function

ISC 17 19:07:43.3±0.2, 25°45'S, 0°10:179'93W, h0.03, h478km, 2km, h479km, P-P, n1106, c1930/1109, mb5.1/285, 32C-30D, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC, h, m, s, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, SNR, and other parameters. Includes stations like L19K White Mountain, L19K White Mountain, W18A Petrified Fore, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, SNR, and other parameters. Includes stations like TNA Lajitas Ar. Si, TX31 Lajitas Ar. Si, TXAR Lajitas Array, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, SNR, and other parameters. Includes stations like M27K Edge Creek, SAND Sanderson, H20K Anasoga Array, etc.

Table with columns: ID, Name, Az, El, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzP, ElP, AzX, ElX, AzY, ElY, AzZ, ElZ. Includes entries like G23K Banana Creek, M31M Drury Creek, YNE Yellowstone No, etc.

Table with columns: ID, Name, Az, El, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzP, ElP, AzX, ElX, AzY, ElY, AzZ, ElZ. Includes entries like C36M Paulatuk, TIXI Tikisi, A36M Saach Harbour, etc.

Table with columns: ID, Name, Az, El, AzM, ElM, AzR, ElR, AzS, ElS, AzT, ElT, AzP, ElP, AzX, ElX, AzY, ElY, AzZ, ElZ. Includes entries like LUNU Lund, PURM Purcari, MMAI Mount Meron Ar, etc.

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
MORH	Mrgy, Hungar	154.50	329	↑P	19 26 36.9	-3.2
MOA	Molin	154.99	337	ePKP	19 27 07.5	-0.4
ARSA	Arzbeg	155.02	335	ePKP	19 27 07.6	-0.4
BIOA	Bud Ischl, Aus	155.24	338	ePKP	19 27 09.9	+0.5
FUR	Furstenfeldbru	155.67	342	ePKP	19 27 12.6	+1.8
SOKA	Soboth	155.69	334	ePKP	19 28 46.1	+1.5
LESA	Schwarzleotal	155.90	339	ePKP	19 27 11.7	-0.2
LESA	Koelnreinsper	155.97	337	ePKP	19 27 13.2	+0.9
MYKA	Terra Mystica	156.25	336	ePKP	19 27 13.3	0.0
WATA	Walderalm	156.33	340	iPKP	19 27 13.3	-0.5
WATA	Waltenberg	156.37	340	iPKP	19 28 39.8	-0.2
WTTA	Fluttl	156.43	342	ePKP	19 27 13.6	-0.5
MOTA	Moosalm	156.46	341	ePKP	19 27 14.5	+0.1
MOTA	Sankt Jurgen	156.54	341	ePKP	19 27 14.6	0.0
SQTA	Abfältersbach	156.54	338	ePKP	19 27 13.7	-1.0
DAVA	Damueles	156.86	343	ePKP	19 27 15.6	-0.5
DAVA	Feichten	156.86	341	ePKP	19 27 15.3	-0.8
FETA	Braganca	162.74	27	ePKP	19 27 42.4	+0.6
PBRG	Lamas de Olo	162.83	20	ePKP	19 27 43.6	+1.4
MVO	Morconvo	163.25	19	ePKP	19 27 45.2	+1.1
PVIS	Viseu	163.39	22	ePKP	19 27 45.3	+0.6
PCAS	Casmillo, Conde	163.76	24	ePKP	19 26 51.9	+1.1
PSARD	Sardaoal	164.28	24	ePKP	19 26 52.7	+1.3
PSARD	Castelo Branco	164.31	22	ePKP	19 26 52.9	+1.5
PCBR	Montargil	164.72	25	ePKP	19 26 54.9	+3.1
PMRV	Arraiolos	165.02	25	ePKP	19 26 52.8	+0.8
PMRV	Estremoz	165.14	24	ePKP	19 27 53.2	+0.8
PMTG	Montemor	165.15	27	ePKP	19 27 53.2	+0.7
PMTG	Evora	165.27	26	ePKP	19 26 53.8	+1.6
PARRA	Sonseca Array	165.41	12	PKP	19 26 52.7	+0.3
ESDC	Beja	165.77	26	ePKP	19 26 54.4	+1.7
PBEJ	Barrancos	165.99	24	ePKP	19 27 56.8	+0.8
PBAR	Tordos de Beja	167.67	187	PKP	19 26 52.7	-2.0
TORD	TORD	168.03	28	ePKP	19 28 03.2	-0.8
TORD	TORD	19 28 47.6	-1.4			
TORD	TORD	19 29 50.3	-0.9			
TORD	TORD	19 31 52.4	+0.2			

NEIC 17 19:08:23.38:16N:117.93W, h14km, Moment Tensor Solution. Moment tensor: Scale 10¹⁴Nm; Mrr=0.16; Mss=0.76; Mss=0.92; Mtt=0.36; Mss=2.54; Mrr=0.92; Fault plane solution: M=2.850000*10¹⁴ NP1:30352.000000, 385.000000, -160.000000; NP2:30352.000000, 370.000000, -5.000000. Principal axes: T 2.8557, P 2.8552, N 0.0004, Azm=124.0000°; Azm=18.0000°; Azm=17.930223:0.8, 38.1610102:117.94W, 0.02:112km, 2km Error ellipse: s-maj=2.7km s-min=2.0km az=50.0°

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
NV11	Mina Array Sit	0.32	327	Op	19 08 30.0	0.0
NV11	Mina Array Sit			IAML	19 08 35.9	
NV06	Mina Array Sit	0.38	314	Pg	19 08 31.2	+0.2
NV07	Mina Array Sit	0.38	311	Sg	19 08 36.7	+0.8
NV07	Mina Array Sit	0.39	309	Pg	19 08 31.2	+0.2
NV08	Mina Array Sit	0.39	313	Pg	19 08 31.2	+0.1
NV03	Mina Array Sit	0.39	312	Sg	19 08 37.0	+0.6
NV04	Mina Array Sit	0.40	313	Pg	19 08 31.5	+0.2
NV04	Mina Array Sit	0.40	313	Sg	19 08 37.2	+0.7
NV01	Mina Array Sit	0.40	313	Pg	19 08 31.6	+0.1
NV05	Mina Array Sit	0.40	313	Sg	19 08 37.4	+0.6
NV02	Mina Array Sit	0.40	313	Sg	19 08 31.6	+0.2
NV09	Mina Array Sit	0.42	311	Pg	19 08 31.9	+0.1
NV09	Mina Array Sit	0.46	282	Sg	19 08 38.2	+0.9
LHV	Little Huntoon	0.46	282	Pg	19 08 32.7	+0.3
LHV	Little Huntoon	0.46	282	IAML	19 08 39.4	+0.9
LHV	Little Huntoon			IAML	19 08 40.0	
TPH	Tonopah	0.57	98	Pg	19 08 34.5	+0.1
TPH	Tonopah	0.57	98	Sg	19 08 42.9	+0.6
TPH	Tonopah			IAML	19 08 48.5	
DSP	Deep Springs	0.79	182	Pg	19 08 38.5	-0.1
MLAC	Mammoth, Mammo	0.89	234	Pg	19 08 40.5	-0.1
Q09A	Carvers	0.89	41	Pg	19 08 40.8	+0.2
KVN	Kaiserville	0.90	352	Sg	19 08 40.4	-0.4
KVN	Kaiserville	0.90	352	IAML	19 08 52.6	+0.1
KVN	Kaiserville			IAML	19 08 56.7	
MBCM	Casa Benchmark	0.92	236	Pg	19 08 41.1	-0.1
LCH	Last Change Ra	0.95	166	Pg	19 08 41.5	-0.3
MDYM	Dry Creek	0.99	240	Pg	19 08 42.6	+0.1
GMN	Gold Mountain	1.01	148	Pg	19 08 42.7	-0.2
MDPB	Devils Postpil	1.05	240	IAML	19 08 43.3	-0.3
MDPB	Devils Postpil			IAML	19 08 57.5	
MDPB	Devils Postpil			IAML	19 08 57.6	
TIN	Tinemaha, Big	1.13	192	Pb	19 08 44.9	-0.2
TIN	Tinemaha, Big	1.13	192	Pn	19 08 44.9	-0.2
WAKR	Walker	1.23	287	Pn	19 08 49.1	+0.3
GRAC	Grapevine Rang	1.25	159	Pn	19 08 46.7	-0.2
KCC	Kaiser Creek	1.38	233	Pn	19 08 49.1	+0.3
PNTR	Pine Nut	1.60	306	Pn	19 08 50.7	-1.3
PNTR	Pine Nut			IAML	19 09 18.1	
PNTR	Pine Nut			IAML	19 09 21.1	
WCT	Wildcat Mouta	1.72	142	Pn	19 08 53.3	-0.2
WCT	Wildcat Mouta	1.72	142	IAML	19 09 19.7	

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
TPNV	Topopah Spring	1.80	132	Pn	19 08 54.3	-0.4
TPNV	Topopah Spring			IAML	19 09 29.1	
S11A	Rachel	1.80	106	Pn	19 08 54.4	-0.3
R11B	Troy Canyon, C	1.86	83	Pn	19 08 55.0	-0.5
PAHR	Pah Rah Rang	1.91	324	IAML	19 08 55.8	-0.5
PAHR	Pah Rah Rang			IAML	19 09 27.0	
CPB	Columbia Colle	1.93	129	Pb	19 08 58.5	-0.3
CMB	Columbia Colle	1.94	267	Pb	19 08 56.0	-0.5
CMB	Columbia Colle			IAML	19 09 25.3	
SDH	Striped Hills	1.98	139	Pn	19 08 57.7	+0.6
MPK	Martis Peak	1.99	305	Pb	19 08 60.0	0.0
MPK	Martis Peak	1.99	305	IAML	19 09 34.5	
MPK	Martis Peak			IAML	19 09 34.8	
MPMC	Mountain Prospe	2.13	170	IAML	19 09 35.8	
PEAR	Peavine Mounta	2.14	313	Pb	19 08 02.0	-0.5
AMDNV	Amargosa	2.15	142	Pn	19 08 59.9	+0.5
JRCZ	Joshua Ridge	2.18	177	Pg	19 08 04.3	-0.9
DOUNR	Donner Summit	2.21	303	Pg	19 08 03.0	0.5
QSM	Queen of Sheba	2.21	152	Pn	19 09 00.1	-0.2
QSM	Queen of Sheba	2.35	158	IAML	19 09 02.5	+0.4
QSM	Queen of Sheba	2.35	158	IAML	19 09 41.4	
TOW	Tower One	2.35	177	Pb	19 09 06.2	+0.2
CLC	China Lake	2.36	173	IAML	19 09 02.8	+0.6
CLC	China Lake			IAML	19 09 39.9	
PRN	Pahroc Rang	2.40	107	Pn	19 09 02.6	-0.3
VES	Vestal, Richgr	2.49	202	IAML	19 09 06.0	+1.9
VES	Vestal, Richgr			IAML	19 09 44.6	
AFDM	Forest Hills D	2.51	289	Pn	19 09 04.3	0.0
BEKR	Beckworth	2.54	313	Pn	19 09 05.1	+0.2
CCCC	Chr Canyon lak	2.67	170	IAML	19 09 06.5	0.0
SHRP	Sheep Range	2.79	126	Pn	19 09 08.0	+0.1
BEAR	Bear Valley Ra	2.96	162	IAML	19 10 03.4	
PMPB	Monarch Peak	3.00	231	IAML	19 10 10.5	
PMPB	Monarch Peak			IAML	19 10 12.3	
PMPB	Monarch Peak			IAML	19 10 12.3	
PHK	Mount Hamlet	3.04	224	IAML	19 10 10.8	
MKD	Mountain Prospe	3.05	256	IAML	19 10 03.8	
MTPC	Mountain Prospe	3.28	144	IAML	19 10 11.1	
MTPC	Mountain Prospe			IAML	19 10 12.2	
TPO	Tropico Hills	3.28	184	IAML	19 10 12.6	
TPO	Tropico Hills			IAML	19 10 17.3	
ELK	Elko	3.32	38	Pn	19 09 15.6	0.0
ICU	Indian Springs	3.34	102	Pn	19 09 15.7	-0.2
HULL	Fort Huler Li	3.40	232	IAML	19 10 18.2	
HULL	Fort Huler Li			IAML	19 10 21.8	
V12A	Nelson	3.46	134	IAML	19 10 19.2	
V12A	Nelson			IAML	19 10 19.6	
CVS	Carmen Viney	3.57	274	IAML	19 10 17.0	
CVS	Carmen Viney			IAML	19 10 20.5	
OSI	Osito Audit:	3.60	190	IAML	19 10 19.4	
OSI	Osito Audit:			IAML	19 10 25.6	
MNRC	McLaughlin Min	3.61	283	IAML	19 10 31.6	
MNRC	McLaughlin Min			IAML	19 10 41.4	
CCUT	Cedar City	3.67	98	IAML	19 10 22.0	
CCUT	Cedar City			IAML	19 10 26.7	
003E	Paynes Creek	3.68	307	IAML	19 10 38.0	
003E	Paynes Creek			IAML	19 10 45.5	
HATC	Hat Creek Radi	3.81	315	IAML	19 10 28.6	
HATC	Hat Creek Radi			IAML	19 10 53.6	
SZCU	Shurtz Canyon	3.88	97	IAML	19 10 30.0	
LCMT	Little Creek M	3.90	106	Pn	19 09 23.3	-0.2
KNB	Kanab	4.22	104	IAML	19 10 48.4	
KNB	Kanab			IAML	19 10 49.2	
TCRU	Three Creeks R	4.33	82	IAML	19 10 43.7	
M03C	McCloude Crm	4.48	315	IAML	19 10 51.2	
M03C	McCloude Crm			IAML	19 10 58.1	
MTPU	Mount Pierson	4.54	90	IAML	19 10 48.7	
MTPU	Mount Pierson			IAML	19 10 50.4	
IRM	Iron Mountain	4.59	150	IAML	19 10 55.3	
N02D	Trinity Center	4.64	309	IAML	19 11 17.6	
BGU	Big Grassy Mou	4.69	52	IAML	19 10 55.1	
BGU	Big Grassy Mou			IAML	19 10 55.1	
DNR	Dunn Ranch, Anz	4.70	167	IAML	19 11 01.7	
U15A	Utah Rith Rm	4.82	109	IAML	19 11 00.1	
BC3	Big Chuckawall	4.92	155	IAML	19 11 12.3	
BORO	Borrego Spring	5.04	165	IAML	19 11 08.1	
BLVC	Blythe	5.02	147	IAML	19 11 12.3	
BLVC	Blythe			IAML	19 11 12.5	
MPU	Maple Canyon	5.24	67	IAML	19 11 12.8	
MPU	Maple Canyon			IAML	19 11 14.3	
L04D	Klamath Falls	5.26	322	IAML	19 10 25.9	
L04D	Klamath Falls			IAML	19 11 35.8	

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BMAR, E25K, F26K, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like GSPA, MAW, CATAC, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ESDC, TORD, MKAR, etc.

17d 19h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SDH Striped Hills, AMDNV Amarogosa, GWD Greenwater Val, etc.

KRSC 17 19:26:31.6, 2.1, 52.02N; 159.98E, h42km, 25km, M15.0, Felt [I] at Viluchinsk.

MOS 17 19:26:35.3, 1.1, 52.16N; 159.59E, h56km, mb4.8/27, Error ellipse: s-maj=7.4km s-min=3.4km az=99.0

NEIC 17 19:26:39.5, 1.9, 52.34N; 0.08, 159.6E; 0.1, h71km, 4km, mb4.5/25, Error ellipse: s-maj=11.2km s-min=9.9km az=162.0

IDC 17 19:26:40.6, 1.4, 52.32N; 159.41E, h79km, 10km, mb4.1/33, mbmp4.3/38, MS3.6/30, Error ellipse: s-maj=13.7km s-min=9.4km az=139.0

ISC 17 19:26:36.0, 0.6, 52.17N; 159.76E; 0.04, h48km, 5km, n372, t1924/350, mb4.5/113, MS3.7/32, 23C-19D, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like RUS Russkaya, RUS Mys Shipunski, RUS Mutnovka, etc.

2020 MAY

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GRL Gorelyy, GRL Gorelyy, GRL Insite, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MJB9 Matsu-Tunnel, MAJO Matsushiro, MAJO Matsuhiro, etc.

BBB	comp=Z,120nm,12.1s	42.51 60 LR	LR	19 49 25.6
ENH	comp=Z,7.1nm,21.8s,baz=242,slow=32	42.63 259 IAMB	IAMB	19 34 29.0
ZALV	comp=Z,1.1nm,1.0s	43.11 303 P	P	19 34 29.1 -2.0
ZALV	comp=Z,0.5nm,0.3s,baz=58,slow=8.0,SNR=3.9	43.11 303 P	P	19 36 20.5 +0.4
ZALV	comp=Z,1.6nm,0.5s,baz=48,slow=4.4,SNR=6.4	43.11 303 P	P	19 53 43.6
YKA	comp=Z,1.45nm,18.1s,baz=74,slow=38	43.99 42 P	P	19 34 39.3 +1.2
YKA	comp=Z,0.5nm,0.3s	43.99 42 P	P	19 36 23.4 +0.5
RES	comp=Z,1.7nm,0.8s,baz=299,slow=7.8,SNR=16	44.26 22 P	P	19 34 41.1 +1.0
RES	comp=Z,1.8nm,0.6s,baz=345,slow=6.0,SNR=9.3	44.26 22 P	P	19 34 41.1 +1.0
NOR	comp=Z,1.1nm,0.7s	46.46 359 IAMB	IAMB	19 34 57.7 +0.2
WMQ	comp=Z,19nm,0.9s	47.09 290 eP	pmax	19 35 03.3 +0.4
WMQ	comp=Z,89nm,16.3s	47.09 290 eP	pmax	19 35 03.3 +0.4
KBS	comp=Z,3.9nm,1.3s	47.76 352 I/P	P	19 35 08.5 +0.9
TULEG	comp=Z,4.9nm,1.4s	47.90 14 P	P	19 35 07.2 -1.5
SPITS	comp=Z,1.1nm,0.5s,baz=57,slow=1.1,SNR=91	48.01 350 P	P	19 35 09.6 0.0
SPITS	comp=Z,1.1nm,0.5s	48.01 350 P	P	19 35 09.6 +0.2
SPITS	comp=Z,2.9nm,1.3s	48.01 350 P	pmax	19 35 09.7 +0.1
SPB2	comp=Z,3.9nm,1.3s	48.01 350 P	P	19 35 08.5 -1.7
KURK	comp=Z,3.9nm,1.3s	48.05 302 eP	pmax	19 35 08.7 -1.5
KURK	comp=Z,5.0nm,0.7s	48.05 302 eP	pmax	19 35 09.2 -1.8
KURRB	comp=Z,3.5nm,0.5s,baz=60,slow=7.8,SNR=11	48.15 302 P	P	19 36 37.9 +0.2
KURRB	comp=Z,0.6nm,0.2s,baz=54,slow=3.4,SNR=4.7	48.15 302 P	P	19 35 10.7 -2.1
MK31	comp=Z,2.0nm,0.5s	48.37 296 eP	P	19 35 10.8 -2.0
MKAR	comp=Z,2.0nm,0.5s	48.37 296 eP	pmax	19 35 11.4 -2.7
MAK2	comp=Z,2.5nm,0.6s	48.54 296 P	P	19 35 11.4 -2.7
MAK2	comp=Z,3.0nm,0.6s	48.54 296 P	pmax	19 35 19.7
NEEM	comp=Z,2.3nm,0.6s	49.23 9 I/P	IAMB	19 35 18.7 -0.6
NEEM	comp=Z,2.3nm,0.6s	49.23 9 I/P	IAMB	19 35 25.1 +0.4
BLKN	comp=Z,4.0nm,0.6s	49.98 33 P	IAMB	19 35 29.1 -2.1
BVAR	comp=Z,1.6nm,0.5s,baz=73,slow=2.6,SNR=4.5	50.80 309 P	P	19 36 47.7 +0.3
BVAR	comp=Z,5.6nm,0.6s,baz=55,slow=8.6,SNR=34	50.80 309 P	P	19 35 29.4 -1.9
BORK	comp=Z,5.6nm,0.6s	50.82 309 eP	pmax	19 35 29.5 -1.9
BORK	comp=Z,2.9nm,0.8s	50.82 309 eP	pmax	19 35 30.0
BORK	comp=Z,5.0nm,0.8s	50.82 309 eP	pmax	19 35 32.7 -0.6
KULLO	comp=Z,8.5nm,0.8s	51.14 12 I/P	IAMB	19 35 35.9
DAG	comp=Z,8.4nm,0.9s	51.33 360 I/P	P	19 35 34.8 0.0
DAG	comp=Z,8.4nm,0.9s	51.33 360 I/P	IAMB	19 35 47.5 +1.2
UPNV	comp=Z,1.2nm,1.2s	52.88 13 I/P	IAMB	19 35 52.4 -0.7
DBG	comp=Z,2.6nm,0.8s	53.81 360 I/P	IAMB	20 01 17.0
DBG	comp=Z,50nm,19.3s,baz=77,slow=39	53.81 360 I/P	IAMB	19 35 53.4 -1.6
ARTI	comp=Z,2.3nm,0.6s	54.04 318 LR	LR	19 35 53.4 -1.6
ARTI	comp=Z,2.3nm,0.6s	54.04 318 LR	LR	19 35 53.4 -1.6
ARTI	comp=Z,2.0nm,0.7s	54.04 318 LR	LR	19 35 53.4 -1.6
ARTI	comp=Z,2.0nm,0.7s	54.04 318 LR	LR	19 35 53.4 -1.6
ARTI	comp=Z,2.0nm,0.7s	54.04 318 LR	LR	19 35 53.4 -1.6
ARTI	comp=Z,2.0nm,0.7s	54.04 318 LR	LR	19 35 53.4 -1.6
ARAO	comp=Z,2.0nm,0.7s	54.10 342 eP	P	19 35 55.0 -0.3
ARCES	comp=Z,2.3nm,0.6s,baz=35,slow=9.2,SNR=6.2	54.10 342 eP	P	19 35 54.7 -0.7
ARCES	comp=Z,3.7nm,18.6s,baz=292,slow=41	54.10 342 eP	LR	20 03 14.4
ARCES	comp=Z,2.3nm,0.6s	54.10 342 P	P	19 35 54.6 -0.7
ARCES	comp=Z,2.3nm,0.6s	54.10 342 P	pmax	19 35 54.6 -0.7
ARCES	comp=Z,2.7nm,1.5s	54.15 294 IAMB	IAMB	19 35 56.4
KDJ	comp=Z,4.6nm,0.6s	54.90 7 P	P	19 36 02.0 +0.5
SUMG	comp=Z,2.9nm,1.0s	54.90 7 P	pmax	19 36 02.0 +0.5
SUMG	comp=Z,2.9nm,1.0s	54.90 7 P	IAMB	19 36 01.0 +0.3
SUMG	comp=Z,1.4nm,1.2s	54.90 7 P	IAMB	19 36 01.5 -0.2
KTK1	comp=Z,1.4nm,1.2s	54.98 342 eP	P	19 36 01.5 -0.2
JETT	comp=Z,93nm,18.4s,baz=96,slow=38	55.01 344 eP	P	19 36 02.5 +0.5
AAK	comp=Z,93nm,18.4s,baz=96,slow=38	55.30 297 LR	LR	20 01 22.1
AAK	comp=Z,93nm,18.4s,baz=96,slow=38	55.30 297 eP	P	19 36 01.9 -2.7
AAK	comp=Z,4.0nm,0.9s	56.01 324 LR	LR	20 03 11.0
KIRV	comp=Z,94nm,19.0s,baz=56,slow=39	56.01 324 LR	LR	20 03 11.0
JAY	comp=Z,1.6nm,0.8s,baz=330,slow=2.2,SNR=14	56.82 203 LR	LR	19 57 06.6
KK31	comp=Z,3.6nm,0.6s	57.16 299 IAMB	IAMB	19 36 16.9
KKAR	comp=Z,3.6nm,0.6s	57.16 299 P	P	19 36 15.8 -1.9
KKAR	comp=Z,3.6nm,0.6s	57.16 299 eP	P	19 36 18.1 -0.2
STEI	comp=Z,3.6nm,0.6s	57.41 346 eP	P	19 36 18.9 -0.1
LOF	comp=Z,3.6nm,0.6s	57.41 346 eP	P	19 36 21.0 +0.6
CHTO	comp=Z,3.6nm,0.6s	57.52 259 P	P	19 36 21.0 +0.6
CHTO	comp=Z,3.6nm,0.6s	57.52 259 P	pmax	19 36 21.0 +0.6
CMAR	comp=Z,1.3nm,0.7s	57.79 258 P	P	19 36 23.7 +1.3
CMAR	comp=Z,6.6nm,0.6s,baz=29,slow=6.8,SNR=76	57.79 258 P	P	19 36 23.1 +0.7
CMAR	comp=Z,6.6nm,0.6s	57.79 258 P	P	19 36 23.1 +0.7
FAUS	comp=Z,1.6nm,0.8s,baz=330,slow=2.2,SNR=14	57.83 345 eP	P	19 36 21.8 -0.2
PDAR	comp=Z,1.6nm,0.8s	58.16 60 P	P	19 36 27.4 +2.4
PDAR	comp=Z,1.6nm,0.8s	58.16 60 P	P	19 36 25.5 +1.6
PDAR	comp=Z,1.6nm,0.8s	58.16 60 P	IAMB	19 36 25.9
AB31	comp=Z,6.2nm,1.1s	58.24 311 IAMB	IAMB	19 36 24.7
ABKAR	comp=Z,1.1nm,0.7s	58.24 311 IAMB	IAMB	19 36 23.4 -1.7
AKTO	comp=Z,1.1nm,0.7s	58.29 313 LR	LR	20 04 16.0
VAGH	comp=Z,1.2nm,1.8s,baz=276,slow=39	58.78 345 eP	P	19 36 28.5 +0.2
RAUS	comp=Z,1.2nm,1.8s,baz=276,slow=39	58.78 345 eP	P	19 36 28.5 +0.2
LEIR	comp=Z,1.2nm,1.8s,baz=276,slow=39	59.33 345 eP	P	19 36 32.0 -0.4
GAR	comp=Z,1.2nm,1.8s,baz=276,slow=39	60.10 296 P	P	19 36 37.0 -1.3
FINES	comp=Z,2.2nm,1.0s,baz=38,slow=8.0,SNR=27	60.89 337 P	P	19 36 42.7 -0.4
FINES	comp=Z,2.2nm,1.0s	60.89 337 P	LR	20 06 56.5
FINES	comp=Z,2.2nm,1.0s	60.89 337 I/P	P	19 36 43.2 +0.1
FINES	comp=Z,2.2nm,1.0s	60.89 337 I/P	pmax	19 36 43.2 +0.1

CHGR	comp=Z,6.0nm,0.8s	60.98 296 P	P	19 36 42.8 -1.5
CHGR	comp=Z,6.0nm,0.8s	60.98 296 I/P	pmax	19 36 42.7 -1.6
OBIN	comp=Z,6.0nm,0.8s	63.18 327 deP	P	19 36 57.6 -1.0
OBIN	comp=Z,4.0nm,1.0s	63.18 327 deP	eS	19 37 35.2
OBIN	comp=Z,4.0nm,1.0s	63.18 327 deP	e	19 39 15.8
OBIN	comp=Z,4.0nm,1.0s	63.18 327 deP	S	19 45 42.9 +1.7
OBIN	comp=Z,4.0nm,1.0s	63.18 327 deP	MLR	19 53 43.6
MOL	comp=Z,5.5nm,23.0s	63.52 346 eP	P	19 37 01.7 +1.0
NB201	comp=Z,5.5nm,23.0s	63.52 346 eP	P	19 37 06.4 +0.1
NB201	comp=Z,5.5nm,23.0s	63.52 346 eP	P	19 37 06.3 -0.1
NB2	comp=Z,5.5nm,23.0s	64.37 344 P	P	19 37 06.3 -0.1
NOA	comp=Z,5.5nm,23.0s	64.37 344 P	P	19 37 06.7 +0.2
NOA	comp=Z,2.5nm,0.6s,baz=20,slow=6.7,SNR=14	64.37 344 P	LR	20 08 48.1
NC602	comp=Z,2.5nm,0.6s	64.60 343 eP	P	19 37 08.2 +0.3
HFS	comp=Z,2.5nm,0.6s	64.77 342 eP	P	19 37 08.7 -0.2
HFS	comp=Z,5.6nm,0.6s,baz=45,slow=4.4,SNR=31	64.77 342 eP	LR	20 10 38.0
MNK	comp=Z,4.3nm,19.3s,baz=35,slow=4.1	66.41 332 I/P	P	19 37 19.7 +0.1
MNK	comp=Z,5.0nm,0.7s	66.41 332 I/P	P	19 37 19.7 +0.1
MNK	comp=N,15nm,1.1s	66.41 332 I/P	P	19 37 19.7 +0.1
MNK	comp=Z,18nm,0.9s,baz=30	66.41 332 I/P	pp	19 37 36.0 -1.2
MNK	comp=Z,18nm,0.9s,baz=30	66.41 332 I/P	pp	19 39 46.1 +0.5
MNK	comp=Z,18nm,0.9s,baz=30	66.41 332 I/P	pp	19 41 21.4
MNK	comp=Z,18nm,0.9s,baz=30	66.41 332 I/P	ss	19 46 05.1 -0.7
MNK	comp=Z,18nm,0.9s,baz=30	66.41 332 I/P	ss	19 46 33.2 +5.1
MNK	comp=Z,18nm,0.9s,baz=30	66.41 332 I/P	ss	19 50 23.3 +1.4
MNK	comp=Z,18nm,0.9s,baz=30	66.41 332 I/P	ss	19 53 33.5
MNK	comp=Z,18nm,0.9s,baz=30	66.41 332 I/P	ss	20 02 12.3
MNK	comp=Z,18nm,0.9s,baz=30	66.41 332 I/P	ss	20 08 18.3
MNK	comp=Z,18nm,0.9s,baz=30	66.41 332 I/P	ss	20 09 57.8
MNK	comp=N,683nm,20.6s	66.41 332 I/P	MLR	20 09 59.0
MNK	comp=E,298nm,21.9s	66.41 332 I/P	MLR	20 10 00.9
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	P	19 37 19.6 +0.1
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	pp	19 37 35.9 -1.2
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	pp	19 39 46.1 +0.5
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	pp	19 41 21.4
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	ss	19 46 05.1 -0.7
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	ss	19 46 33.2 +5.1
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	ss	19 50 23.3 +1.4
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	ss	19 53 33.5
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	ss	20 02 12.3
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	ss	20 08 18.3
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	ss	20 09 57.8
MNK	comp=N,683nm,20.6s	66.41 332 I/P	MLR	20 09 59.0
MNK	comp=E,298nm,21.9s	66.41 332 I/P	MLR	20 10 00.9
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	P	19 37 19.6 +0.1
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	pp	19 37 35.9 -1.2
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	pp	19 39 46.1 +0.5
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	pp	19 41 21.4
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	ss	19 46 05.1 -0.7
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	ss	19 46 33.2 +5.1
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	ss	19 50 23.3 +1.4
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	ss	19 53 33.5
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	ss	20 02 12.3
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	ss	20 08 18.3
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	ss	20 09 57.8
MNK	comp=N,683nm,20.6s	66.41 332 I/P	MLR	20 09 59.0
MNK	comp=E,298nm,21.9s	66.41 332 I/P	MLR	20 10 00.9
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	P	19 37 19.6 +0.1
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	pp	19 37 35.9 -1.2
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	pp	19 39 46.1 +0.5
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	pp	19 41 21.4
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	ss	19 46 05.1 -0.7
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	ss	19 46 33.2 +5.1
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	ss	19 50 23.3 +1.4
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	ss	19 53 33.5
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	ss	20 02 12.3
MNK	comp=Z,9.7nm,17.9s	66.41 332 I/P	ss	20 08 18.3
MNK				

17d 20h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NNA Nana, ROSC El Rosal, SDV Santo Domingo, etc.

2020 MAY

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like B22K Teshekpuk Lake, ZALV Zalesovo-Beam, etc.

ADC 17 19:42:10.0;2.0, 4.43S;144.26E, h103km, 18km, mb3.6/8, mbmp4.0/11, Error ellipse: s-maj=20.7km s-min=13.3km

ISC 17 19:42:09.9;0.9, 4.42S;0.10;144.3E, 0.1, h100km, n11, <150/13, mb3.8/8, Near north coast of New Guinea

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like JAY Jayapura, PMG Port Moresby, WRA Warramunga Arr, etc.

TRN 17 19:52:26.4, 17.18N-61.01W, h25km, MD4.0, East of Antigua, Leeward Islands

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like ANWB Willy Bob, DSHZ Broadband at M, etc.

ADC 17 20:24:13.2;4.1, 21.67S;179.31W, h0km, mb3.6/3, mbmp3.6/3, Error ellipse: s-maj=116.6km s-min=47.9km az=37.0, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, Vnda Vanda, etc.

RSNC 17 20:26:49.7;1.4, 4.54S;4.77W, 1.1, h6km, 12km, mb4.9, mb4.0, ML3.4, Mw(mb)4.2, MwMwp4.8, MwP5.1, Northern Peru

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like MCRA Macar, Loja, OTAV Otavalo, etc.

MAN 17 20:37:42.0, 4.13N;127.58E, h89km, MS3.6, DJA 17 20:37:45.0, 4.05N;127.58E, h10km, M4.5/19, mb5.5/5, mb4.6/19, MLv4.2/17, Mw(mb)4.9/5

ADC 17 20:37:46.9;3.0, 4.40N;127.37E, h40km, 32km, mb3.5/8, mbmp3.8/10, ML4.2/2, Error ellipse: s-maj=89.6km s-min=13.1km az=64.0

ISC 17 20:37:47.5;0.7, 4.45N;0.05;127.45E, 0.08, h35km, n31, <244/32, mb3.8/8, Talaud Islands

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like SGSI Sangihe, DDMP Don Marcelino, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like DAV Davao City (W), DMPH Davao City-Beam, etc.

SJA 17 20:40:54.2;0.5, 20.66S;66.56W, h265km, 6km, ML3.5, MW3.3

ADC 17 20:40:55.5;1.4, 20.39S;66.48W, h262km, 18km, mb3.0/3, mbmp3.6/6, Error ellipse: s-maj=29.4km s-min=16.0km az=95.0

SCB 17 20:40:55.9;1.5, 20.66S;66.58W, h247km, 17km, ML3.9/2, Error ellipse: s-maj=6.3km s-min=5.2km az=2.0

ISC 17 20:40:54.7;0.8, 20.69S;0.04;66.60W, 0.05, h250km, n37, <252/56, Southern Bolivia

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like MOCB Mochara, JYA Yavi, etc.

ADC 17 20:40:54.7;0.8, 20.69S;0.04;66.60W, 0.05, h250km, n37, <252/56, Southern Bolivia

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like PB02 IPOC Station P, PB03 IPOC Station P, etc.

ADC 17 20:40:54.7;0.8, 20.69S;0.04;66.60W, 0.05, h250km, n37, <252/56, Southern Bolivia

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like PB06 IPOC Station P, PB07 IPOC Station P, etc.

ADC 17 20:40:54.7;0.8, 20.69S;0.04;66.60W, 0.05, h250km, n37, <252/56, Southern Bolivia

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like BBOJ La Paz, Jacaju, SOEJ Icacaca, etc.

ADC 17 20:40:54.7;0.8, 20.69S;0.04;66.60W, 0.05, h250km, n37, <252/56, Southern Bolivia

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like PLCA Paso Flores, TORI Torodi Ar. Bea, etc.

mbtmp3.9/2, MS2.9/3, Error ellipse: s-maj=301.3km s-min=25.4km az=138.0, Samoa Islands region

Code	Station Name	AZ	AZ'	Phase ID	Time	Res
Op	ISC	h	m	s	ISC	
AFI	Afiama	1.85	33	Pn	20 46 19.6	-0.7
AFI	118m, 0.3s, baz=68, slow=2.3, SNR=2.1					
AFI	38nm, 0.3s, baz=228, slow=24, SNR=8.0				20 46 37.3	-7.2
AFI	comp=N, 2.87m, 20.3s, baz=177, slow=42				20 47 05.6	
MSVF	Nonsavu	9.04	254	LR	20 50 51.8	
MSVF	comp=N, 1.49m, 20.1s, baz=78, slow=34				20 50 51.8	
RSAR	Rarotonga	13.64	117	LR	20 52 14.5	
RSAR	comp=N, 3.36m, 20.3s, baz=242, slow=28				20 52 14.5	
PPT	Papeete	22.38	99	LR	20 57 28.4	
PPT	comp=N, 2.26m, 20.3s, baz=195, slow=31				20 57 28.4	
H1S2	WAKE ISLAND Hy 39.31 328	T	T		21 34 24.3	
H1S2	baz=148, slow=76, SNR=17				21 34 24.3	
H1S3	WAKE ISLAND Hy 39.33 328	T	T		21 34 25.3	
H1S3	baz=148, slow=76, SNR=17				21 34 25.3	
H1S1	WAKE ISLAND Hy 39.33 328	T	T		21 34 31.7	
H1S1	baz=148, slow=76, SNR=18				21 34 31.7	
H1N3	WAKE ISLAND Hy 40.25 330	T	T		21 35 30.1	
H1N3	baz=150, slow=76, SNR=6.0				21 35 30.1	
H1N1	WAKE ISLAND Hy 40.25 330	T	T		21 35 29.9	
H1N1	baz=150, slow=76, SNR=7.0				21 35 29.9	
H1N2	WAKE ISLAND Hy 40.27 330	T	T		21 35 28.8	
H1N2	baz=150, slow=76, SNR=6.0				21 35 28.8	
WRA	Warramunga Arr	50.97	257	P	20 54 46.9	+0.4
WRA	0.3m, 0.5s, baz=95, slow=7.4, SNR=5.1				20 54 46.9	+0.4
ASAR	Alice Springs	50.62	252	P	20 54 47.5	-0.9
ASAR	2.9m, 0.8s, baz=86, slow=7.7, SNR=2.5				20 54 47.5	-0.9
GERES	GERES Array B 146.29 352	PKPbc	PKPpdf		21 05 29.3	+0.5
GERES	0.2m, 0.4s, baz=328, slow=3.5, SNR=3.9				21 05 29.3	+0.5
BRTR	Keskin Array B 146.56 321	PKPbc	PKPbc		21 05 31.2	+0.1
BRTR	1.0m, 0.8s, baz=142, slow=5.4, SNR=6.4				21 05 31.2	+0.1

SDD 17 20:47:11.5±2.8, 20.08N; 76.78W, h6km±25km, ML4.6, MW4.3, Presumed earthquake Hypocentre not reviewed by the ISC

OSPL 17 20:47:11.4±2.1, 20.06N; 76.77W, h16km±78km, ML4.4, Presumed earthquake

RSNC 17 20:47:11.8±0.5, 20.0N; 77.7W±, h0km, ML4.6, mB5.3, mb4.8, ML4.0, Mw(Mwp)4.8, Mw(Mwp)6.1, Mw(Mwp)7.1, Mw(Mwp)7.2, Mw(Mwp)7.6, Mw(Mwp)7.8, Mw(Mwp)8.1, Mw(Mwp)8.4, Mw(Mwp)8.7, Mw(Mwp)9.0, Mw(Mwp)9.3, Mw(Mwp)9.6, Mw(Mwp)9.9, Mw(Mwp)10.2, Mw(Mwp)10.5, Mw(Mwp)10.8, Mw(Mwp)11.1, Mw(Mwp)11.4, Mw(Mwp)11.7, Mw(Mwp)12.0, Mw(Mwp)12.3, Mw(Mwp)12.6, Mw(Mwp)12.9, Mw(Mwp)13.2, Mw(Mwp)13.5, Mw(Mwp)13.8, Mw(Mwp)14.1, Mw(Mwp)14.4, Mw(Mwp)14.7, Mw(Mwp)15.0, Mw(Mwp)15.3, Mw(Mwp)15.6, Mw(Mwp)15.9, Mw(Mwp)16.2, Mw(Mwp)16.5, Mw(Mwp)16.8, Mw(Mwp)17.1, Mw(Mwp)17.4, Mw(Mwp)17.7, Mw(Mwp)18.0, Mw(Mwp)18.3, Mw(Mwp)18.6, Mw(Mwp)18.9, Mw(Mwp)19.2, Mw(Mwp)19.5, Mw(Mwp)19.8, Mw(Mwp)20.1, Mw(Mwp)20.4, Mw(Mwp)20.7, Mw(Mwp)21.0, Mw(Mwp)21.3, Mw(Mwp)21.6, Mw(Mwp)21.9, Mw(Mwp)22.2, Mw(Mwp)22.5, Mw(Mwp)22.8, Mw(Mwp)23.1, Mw(Mwp)23.4, Mw(Mwp)23.7, Mw(Mwp)24.0, Mw(Mwp)24.3, Mw(Mwp)24.6, Mw(Mwp)24.9, Mw(Mwp)25.2, Mw(Mwp)25.5, Mw(Mwp)25.8, Mw(Mwp)26.1, Mw(Mwp)26.4, Mw(Mwp)26.7, Mw(Mwp)27.0, Mw(Mwp)27.3, Mw(Mwp)27.6, 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Mw(Mwp)246.6, Mw(Mwp)246.9, Mw(Mwp)247.2, Mw(Mwp)247.5, Mw(Mwp)247.8, Mw(Mwp)248.1, Mw(Mwp)248.4, Mw(Mwp)248.7, Mw(Mwp)249.0, Mw(Mwp)249.3, Mw(Mwp)249.6, Mw(Mwp)249.9, Mw(Mwp)250.2, Mw(Mwp)250.5, Mw(Mwp)250.8, Mw(Mwp)251.1, Mw(Mwp)251.4, Mw(Mwp)251.7, Mw(Mwp)252.0, Mw(Mwp)252.3, Mw(Mwp)252.6, Mw(Mwp)252.9, Mw(Mwp)253.2, Mw(Mwp)253.5, Mw(Mwp)253.8, Mw(Mwp)254.1, Mw(Mwp)254.4, Mw(Mwp)254.7, Mw(Mwp)255.0, Mw(Mwp)255.3, Mw(Mwp)255.6, Mw(Mwp)255.9, Mw(Mwp)256.2, Mw(Mwp)256.5, Mw(Mwp)256.8, Mw(Mwp)257.1, Mw(Mwp)257.4, Mw(Mwp)257.7, Mw(Mwp)258.0, Mw(Mwp)258.3, Mw(Mwp)258.6, Mw(Mwp)258.9, Mw(Mwp)259.2, Mw(Mwp)259.5, Mw(Mwp)259.8, Mw(Mwp)260.1, Mw(Mwp)260.4, Mw(Mwp)260.7, Mw(Mwp)261.0, Mw(Mwp)261.3, Mw(Mwp)261.6, Mw(Mwp)261.9, Mw(Mwp)262.2, Mw(Mwp)262.5, Mw(Mwp)262.8, Mw(Mwp)263.1, Mw(Mwp)263.4, Mw(Mwp)263.7, Mw(Mwp)264.0, Mw(Mwp)264.3, Mw(Mwp)264.6, Mw(Mwp)264.9, Mw(Mwp)265.2, Mw(Mwp)265.5, Mw(Mwp)265.8, Mw(Mwp)266.1, Mw(Mwp)266.4, Mw(Mwp)266.7, Mw(Mwp)267.0, Mw(Mwp)267.3, Mw(Mwp)267.6, Mw(Mwp)267.9, Mw(Mwp)268.2, Mw(Mwp)268.5, Mw(Mwp)268.8, Mw(Mwp)269.1, Mw(Mwp)269.4, Mw(Mwp)269.7, Mw(Mwp)270.0, Mw(Mwp)270.3, Mw(Mwp)270.6, Mw(Mwp)270.9, Mw(Mwp)271.2, Mw(Mwp)271.5, Mw(Mwp)271.8, Mw(Mwp)272.1, Mw(Mwp)272.4, Mw(Mwp)272.7, Mw(Mwp)273.0, Mw(Mwp)273.3, Mw(Mwp)273.6, Mw(Mwp)273.9, Mw(Mwp)274.2, Mw(Mwp)274.5, Mw(Mwp)274.8, Mw(Mwp)275.1, Mw(Mwp)275.4, Mw(Mwp)275.7, Mw(Mwp)276.0, Mw(Mwp)276.3, Mw(Mwp)276.6, Mw(Mwp)276.9, Mw(Mwp)277.2, Mw(Mwp)277.5, Mw(Mwp)277.8, Mw(Mwp)278.1, Mw(Mwp)278.4, Mw(Mwp)278.7, Mw(Mwp)279.0, Mw(Mwp)279.3, Mw(Mwp)279.6, Mw(Mwp)279.9, Mw(Mwp)280.2, Mw(Mwp)280.5, Mw(Mwp)280.8, Mw(Mwp)281.1, Mw(Mwp)281.4, Mw(Mwp)281.7, Mw(Mwp)282.0, Mw(Mwp)282.3, Mw(Mwp)282.6, Mw(Mwp)282.9, Mw(Mwp)283.2, Mw(Mwp)283.5, Mw(Mwp)283.8, Mw(Mwp)284.1, Mw(Mwp)284.4, Mw(Mwp)284.7, Mw(Mwp)285.0, Mw(Mwp)285.3, Mw(Mwp)285.6, Mw(Mwp)285.9, Mw(Mwp)286.2, Mw(Mwp)286.5, Mw(Mwp)286.8, Mw(Mwp)287.1, Mw(Mwp)287.4, Mw(Mwp)287.7, Mw(Mwp)288.0, Mw(Mwp)288.3, Mw(Mwp)288.6, Mw(Mwp)288.9, Mw(Mwp)289.2, Mw(Mwp)289.5, Mw(Mwp)289.8, Mw(Mwp)290.1, Mw(Mwp)290.4, Mw(Mwp)290.7, Mw(Mwp)291.0, Mw(Mwp)291.3, Mw(Mwp)291.6, Mw(Mwp)291.9, Mw(Mwp)292.2, Mw(Mwp)292.5, Mw(Mwp)292.8, Mw(Mwp)293.1, Mw(Mwp)293.4, Mw(Mwp)293.7, Mw(Mwp)294.0, Mw(Mwp)294.3, Mw(Mwp)294.6, Mw(Mwp)294.9, Mw(Mwp)295.2, Mw(Mwp)295.5, Mw(Mwp)295.8, Mw(Mwp)296.1, Mw(Mwp)296.4, Mw(Mwp)296.7, Mw(Mwp)297.0, Mw(Mwp)297.3, Mw(Mwp)297.6, Mw(Mwp)297.9, Mw(Mwp)298.2, Mw(Mwp)298.5, Mw(Mwp)298.8, Mw(Mwp)299.1, Mw(Mwp)299.4, Mw(Mwp)299.7, Mw(Mwp)300.0,

17d 20h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SADO Sadowa, AMPT Aspermont, WBO Williamsburg, etc.

2020 MAY

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Q32M Nakina River, RES Resolute Bay, RPN Rapa Nui, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like H27K Steamboat Moun, L26K Log Cabin Wild, DBG Daneborg, etc.

Table with columns: ID, Name, Azimuth, Distance, Magnitude, Type, etc. Includes entries like BPAW Bear Paw Mtn., HOM Homer, SKT Skwentna, etc.

Table with columns: ID, Name, Azimuth, Distance, Magnitude, Type, etc. Includes entries like G17K Kiwalik Mouta, C18K Utukok River, O15K Ungalikthiuk R, etc.

Table with columns: MARVS, Station Name, Azimuth, Distance, Magnitude, Type, etc. Includes entries like Rio Carpintero, Holguin, Guantanamo Bay, etc.

IDC 17-21:00:25.2, 0.8, 8.75S, -153.43E, h0km, mb3.6/5, mbtmpt3.6/5, MS3.5/4, Error ellipse: s-maj=87.6km s-min=28.8km az=105.0, D'Entrecasteaux Islands region

Table with columns: Code, Station Name, Azimuth, Distance, Magnitude, Type, etc. Includes entries like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

SSNC 17-21:00:36.0-0.7, 19.76N:76.46W, h5km, 8km, ML3.1, MW1.8, Presumed earthquake, Cuba region

Table with columns: Code, Station Name, Azimuth, Distance, Magnitude, Type, etc. Includes entries like CHIV Chivirico, MARVS Santiago de Cu, LMGC Las Mercedes, etc.

SSNC 17-21:00:41.6-0.7, 19.76N:76.45W, h5km, MD2.9, ML2.7, MW3.2, Presumed earthquake

ISN 17-21:00:41.4-1.0, 19.57N:76.47W, h0km, 12km, MD3.4, Presumed earthquake

ISC 17-21:00:38.9-1.1, 19.72N:0.003:76.49W, 0.03, h21km, 2km, n18, r101/34, 2C-4D, Cuba region

Table with columns: Code, Station Name, Azimuth, Distance, Magnitude, Type, etc. Includes entries like CHIV Chivirico, LMGC Las Mercedes, MARVS Santiago de Cu, etc.

DJA 17-21:03:26.2, 0.3, 3'S, 4:13'E, h10km, M4.1/13, mB6.0/2, mb4.5/13, MLV3.9/11, Mw(mb)5.7/2, Irian Jaya

Table with columns: Code, Station Name, Azimuth, Distance, Magnitude, Type, etc. Includes entries like GENI Genyem, SRPI Serui, PAPA, etc.

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Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
ESPR	Espera	1.53	320	P	21 20 13.2 +1.0	Pn
ESPR				fl/vmb_Vc	21 20 14.3	
ESPR	JBK	2.18	128	S	21 20 32.3 -0.4	Sn
JBK				P	21 20 22.4 +1.2	Pn
IFR	Ifrane	2.21	191	Pn	21 20 22.3 +1.3	Pn
IFR				Sn	21 20 46.9 -1.4	Sn
EQES	Quesada	2.45	30	P	21 20 26.5 +2.4	Pn
EQES				fl/vmb_Vc	21 20 29.3	
EQES				S	21 20 53.9 +0.2	Sn
ECAB	El Cabril	2.45	345	Pn	21 20 55.0 +1.0	Pn
ECAB				Sn	21 20 52.1 -1.6	Sn
ECAB	El Cabril	2.45	345	P	21 20 25.2 +1.3	Pn
ECAB				fl/vmb_Vc	21 20 28.4	
ECAB				S	21 20 52.1 -1.6	Sn
EADA	Adamuz	2.46	1	Pn	21 20 26.0 +1.9	Pn
EADA				Sn	21 20 52.8 -1.1	Sn
EADA	Adamuz	2.46	1	P	21 20 25.2 +1.1	Pn
EADA				fl/vmb_Vc	21 20 28.1	
EADA				S	21 20 52.9 -1.1	Sn
EMIN	Mina Concepcio	2.63	322	Pn	21 20 27.5 +1.3	Pn
EMIN				P	21 20 27.7 +1.3	Pn
EMIN				fl/vmb_Vc	21 20 27.5	
EMIN				S	21 20 55.4 -2.4	Sn
ZHG	ZHG	2.79	217	P	21 20 29.3 +0.9	Pn
ZHG				S	21 21 00.5 -1.2	Sn
MD31	MD31	2.83	182	P	21 20 59.7 +0.6	Pn
MD31				S	21 20 59.9 -2.6	Sn
MDT	Midelt	2.88	179	P	21 20 30.0 +0.4	Pn
MDT				Pn	21 21 01.7 -2.1	Pn
EGRO	El Granado	2.93	310	Pn	21 20 31.4 +1.3	Pn
EGRO				S	21 20 35.2 -1.4	Sn
EGRO	El Granado	2.93	310	P	21 20 31.4 +1.3	Pn
EGRO				fl/vmb_Vc	21 20 31.9	
EGRO				S	21 21 03.3 -1.5	Sn
PVAQ	Vaqueiros	3.01	305	eS	21 20 32.3 +1.2	Sn
PVAQ				eS	21 21 05.2 -1.4	Sn
PVAQ				IAML	21 21 06.5	
PVAQ				IAML	21 21 07.0	
PVAQ				IAML	21 21 08.0	
PBDV	Barranco-do-Ve	3.07	301	Pn	21 20 33.3 +1.3	Pn
PBDV				S	21 21 07.0 -1.1	Sn
PBDV	Barranco-do-Ve	3.07	301	eS	21 20 33.3 +1.3	Pn
PBDV				eS	21 21 07.0 -1.1	Sn
PBDV				IAML	21 21 07.9	
PBDV				IAML	21 21 08.7	
PBDV				IAML	21 21 10.7	
PBAR	Barrancos	3.13	323	Pn	21 20 34.3 +1.5	Pn
PBAR				S	21 21 07.8 -1.8	Sn
PBAR	Barrancos	3.13	323	eP	21 20 34.3 +1.5	Pn
PBAR				eS	21 21 08.6 -1.0	Sn
PBAR				IAML	21 21 09.9	
PBAR				IAML	21 21 10.4	
PBAR				IAML	21 21 11.7	
PSIM	Granatula de C	3.19	12	P	21 20 34.7 +1.0	Pn
PSIM				S	21 21 09.3 -1.9	Sn
PCVE	Castro Verde	3.34	306	Pn	21 20 37.1 +1.4	Pn
PCVE				S	21 21 13.8 -0.9	Sn
PCVE	Castro Verde	3.34	306	eS	21 20 37.1 +1.4	Pn
PCVE				eS	21 21 14.3 -0.4	Sn
PCVE				IAML	21 21 14.8	
PCVE				IAML	21 21 15.2	
PCVE				IAML	21 21 15.3	
MESJ	Messejana	3.58	308	eP	21 20 40.2 +1.4	Pn
MESJ				eS	21 21 19.4 -1.0	Sn
MESJ				IAML	21 21 21.3	
MESJ				IAML	21 21 22.1	
MORF	Marlete	3.61	298	eP	21 20 40.7 +1.5	Pn
MORF				S	21 21 19.9 -1.1	Sn
PFVI	Vila Bisbo	3.67	294	eS	21 20 42.2 +2.2	Pn
PFVI				S	21 21 22.0 -0.4	Sn
PTEO	Sao Teotonio	3.77	300	eP	21 20 43.3 +2.0	Pn
PTEO				eS	21 21 24.6 -0.2	Sn
PTEO				IAML	21 21 28.8	
PTEO				IAML	21 21 28.4	
PAB	San Pablo	3.85	3	P	21 20 43.9 +1.5	Pn
PAB				fl/vmb_Vc	21 20 44.0	
PAB				S	21 21 24.4 -2.4	Sn
EVO	Evora	3.91	317	Pn	21 21 26.1 +1.7	Pn
EVO				S	21 21 26.6 -1.6	Sn
EVO	Evora	3.91	317	eS	21 20 45.8 +2.1	Pn
PESTR	Estremoz	3.94	324	eP	21 21 27.8 -1.2	Sn
PESTR				IAML	21 21 28.6	
PESTR				IAML	21 21 30.3	
PESTR				IAML	21 21 32.0	
PARRA	Arraiolos	4.13	320	eP	21 20 47.6 +1.5	Pn
PARRA				eS	21 21 32.0 -1.4	Sn
PARRA				IAML	21 21 34.5	
PARRA				IAML	21 21 34.5	
PARRA				IAML	21 21 34.6	
PMRV	Marv??o	4.32	330	eP	21 20 50.6 +1.9	Pn
PMRV				eS	21 21 36.5 -1.5	Sn
PMTG	Montargil	4.41	321	eS	21 21 38.6 -1.7	Pn
EPLA	Plasencia	4.50	346	P	21 20 52.9 +1.6	Pn
EPLA				fl/vmb_Vc	21 21 00.7	
EPLA				S	21 21 39.7 -2.9	Sn
PSARD	Sardao	4.79	325	eS	21 20 57.3 +2.2	Pn
PSARD				P	21 21 47.6 -2.0	Pn
PSARD				IAML	21 21 49.3	
PSARD				IAML	21 21 50.7	
PSARD				IAML	21 21 50.8	

IDC 17 21:47:44.4-0.5,38°10N;117°99W,h0km,mb4.1/17, mbtmp4.0/24,ML3.5/6,MS3.3/19,Error ellipse: s-maj=7.4km s-min=4.7km az=50.0

NEIC 17 21:47:44.5,38°16N;118°05W,h10km REN 17 21:47:44.6;1.2,38°145N;0°10:118°05W;0.02, h5km;2km, Error ellipse: s-maj=1.8km s-min=1.4km az=63.0

NEIC 17 21:47:44.2-1.3,38°157N;0°10:118°03W;0.01, h5km,mb4.3/31,ML4.2/166,Mw4.1/120,ML4.3/8(REN), Error ellipse: s-maj=2.2km s-min=1.6km az=236.0

Moment Tensor Solution. Moment tensor: Scale 10¹⁵Nm; Mn:-1.41; Mse:0.32; Mte:0.09; Mre:0.04; Mbe:0.81; Mbe:0.53; Fault plane solution: Mo:1.60000x10¹⁵ Np1:43.36000°, 337.44000°, λ:-72.83000°. NP2:202.10000°, 85.49000°, λ:-102.74000°. Principal axes: T 1.6726, Pigs000°, Azm301.0000°, N -0.1491, P1g10.0000°, Azm210.0000°, P -1.5235, P1g76.0000°, Azm70.0000°

ISC 17 21:47:44.4-1.0,38°14N;0°10:118°04W;0.02,h6km;7km, n185,±1801/168,mb4.2/23,MS3.5/12,California-Nevada border region

Code Station Name Δ° AZ° Phase ID Time Res ISC

NV11 Mina Array Sit 0.31 342 P Pg 21 47 50.5 +0.1

NV16 Mina Array Sit 0.34 327 P Pg 21 47 54.6 0.0

NV06 Mina Array Sit 0.34 323 P Pg 21 47 51.2 +0.1

NV07 Mina Array Sit 0.34 323 P Pg 21 47 51.1 0.0

NV08 Mina Array Sit 0.34 320 P Pg 21 47 55.7 +0.1

NV08 Mina Array Sit 0.34 320 P Pg 21 47 51.2 0.0

NV03 Mina Array Sit 0.35 325 P Pg 21 47 56.5 +0.7

NV03 Mina Array Sit 0.35 325 P Pg 21 47 51.0 +0.1

NV04 Mina Array Sit 0.35 323 P Pg 21 47 56.7 +0.7

NV04 Mina Array Sit 0.35 323 P Pg 21 47 51.5 +0.1

NV01 Mina Array Sit 0.36 324 P Pg 21 47 56.8 +0.6

NV01 Mina Array Sit 0.36 324 P Pg 21 47 51.5 +0.1

NVAR 3µm,0.3s,baz=149,slow=19,SNR=4983

NVAR 4µm,0.3s,baz=214,slow=26,SNR=12

NVAR LR LR 21 47 57.6

NVAR LR LR 21 48 15.1

2020 MAY

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
NVAR				Pg	21 47 51.2 -0.3	Pg
NVAR				Pg	21 47 51.7 +0.1	Pg
NVAR				Pg	21 47 57.3 +0.9	Pg
NVAR				Pg	21 47 51.6 0.0	Pg
NVAR				Pg	21 47 57.8 +1.1	Pg
NVAR				Pg	21 47 51.9 +0.1	Pg
NVAR				Pg	21 47 57.9 +1.1	Pg
NVAR				Pg	21 47 52.0 +0.2	Pg
NVAR				Pg	21 47 57.4 +0.5	Pg
NVAR				Pg	21 47 58.7	Pg
NVAR				Sg	21 48 04.9	Sg
NVAR				IAML	21 48 04.9	IAML
NVAR				Pg	21 47 57.4 +0.5	Pg
NVAR				Sb	21 48 06.6 -0.9	Sb
NVAR				Pg	21 47 59.5 +0.3	Pg
NVAR				Pg	21 48 10.5 -0.4	Pg
NVAR				Pg	21 48 00.1 +0.1	Pg
NVAR				Pg	21 48 00.7 +0.1	Pg
NVAR				Pg	21 48 13.7 +0.5	Pg
NVAR				Pg	21 48 02.0 +0.1	Pg
NVAR				Pg	21 48 10.5 -0.4	Pg
NVAR				Pg	21 48 14.0 +0.2	Pg
NVAR				Pg	21 48 18.8	Pg
NVAR				Pg	21 48 03.0 +0.2	Pg
NVAR				Pg	21 48 03.1 +0.1	Pg
NVAR				Pg	21 48 04.7 +0.3	Pg
NVAR				Pg	21 48 05.2 -0.2	Pg
NVAR				Pg	21 48 06.2 -0.4	Pg
NVAR				Pg	21 48 08.4 -0.1	Pg
NVAR				Pg	21 48 07.7 -0.5	Pg
NVAR				Pn	21 48 12.8 +0.1	Pn
NVAR				IAML	21 48 39.4	IAML
NVAR				Pn	21 48 14.9 +0.2	Pn
NVAR				Pn	21 48 15.8 +0.5	Pn
NVAR				IAML	21 48 42.7	IAML
NVAR				IAML	21 48 43.5	IAML
NVAR				Pn	21 48 16.7 -0.1	Pn
NVAR				IAML	21 48 49.8	IAML
NVAR				Pn	21 48 16.6 -0.1	Pn
NVAR				Pn	21 48 19.5 -0.4	Pn
NVAR				Pn	21 48 17.4 +0.1	Pn
NVAR				IAML	21 48 47.5	IAML
NVAR				IAML	21 48 58.0	IAML
NVAR				Pn	21 48 18.0 +0.6	Pn
NVAR				Pn	21 48 17.2 -1.0	Pn
NVAR				IAML	21 48 52.1	IAML
NVAR				Pb	21 48 17.9 -0.2	Pb
NVAR				Pb	21 48 21.5 +0.6	Pb
NVAR				Pb	21 48 20.2 +1.2	Pb
NVAR				Pb	21 48 22.4 -0.5	Pb
NVAR				Pb	21 48 19.9 -0.7	Pb
NVAR				Pb	21 48 23.4 -0.8	Pb
NVAR				Pb	21 48 24.6 +0.6	Pb
NVAR				Pb	21 48 22.5 +1.2	Pb
NVAR				Pb	21 48 22.5 +0.4	Pb
NVAR				IAML	21 49 03.7	IAML
NVAR						

Table with columns for station name, frequency, mode, and signal strength. Includes stations like TWK, CHN1, SGST, Liangui, WSF, Shulin Townsh, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like BORK, ASAR, AB31, ABKAR, B22K, D23K, PPLA, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like GWJ, GWJ, STH, MOAC, MOA, HOJ, CVJ, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like PSUT, MTPC Mountain Pass, ELK, V12A Nelson, MNRC McLaughlin Min, CCUT Cedar City, O03E Paynes Creek, O03E Shurtz Canyon, SZCU Pinyon Flats O, PFO.

SSNC 18 00:35:53.7±1.0, 19.78N, 76.46W, h0km, 3km, MD2.9, ML2.4, MW2.9, Presumed earthquake, JSN 18 00:35:54.7±0.4, 19.60N, 76.38W, h11km, 21km, MD3.7, Presumed earthquake

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like CHIV Chivirico, MARVS Santiago de Cu, LMGC Las Mercedes, YAR Yar, RCC Rio Carpintero, HLGC Holguin, GTBY Guantanamo Bay, QMBU Qumbuelo, NMDO Nuevo Mundo, GWJ Greenwich, STH Stony Hill, MOAC Moa, CVJ Coleville, PCJ Portland Cotta.

REN 18 00:46:08.4±1.4, 38.202N, 0.008W, 117.79W, 0.01, h6km, 4km, Error ellipse: s-maj=1.5km s-min=0.9km az=129.0, NEIC 18 00:46:07.8±1.3, 38.22N, 0.01W, 117.79W, h5km, 1km, ML3.0/72, ML2.4(3)REN, Error ellipse: s-maj=2.9km s-min=2.2km az=106.0, Nevada

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like NV11 Mina Array Sit, NV06 Mina Array Sit, NV07 Mina Array Sit, NV03 Mina Array Sit, NV04 Mina Array Sit, NV05 Mina Array Sit, NV08 Mina Array Sit, NV01 Mina Array Sit, NVAR Mina Array Bea, NV02 Mina Array Sit, NV02 Tonopah, TPV TPV, NV09 Mina Array Sit, LHV Little Hunteon, Q09A Carvers, DSP Deep Springs, KVN Kaiserville, LCH Last Change Ra, GMM Gold Mountain, TIN Tinemaha, WAKR Walker, PNTR Pine Nut, WCT Wildcat Mounta, R11A Rachel, TPVW Troy Canyon, CWC Cottonwood Spring, CWC Cottonwood Cre, FURC Furnace Creek, PAHR Pah Rah Range, CMB Columbia Colle, AMDNV Amargosa, MPMC Manual Proc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like MPMC comp=N, 47nm, 0.4s, GRN Greenwater, PWR Pahroc Range, QSM Queen of Sheba, CLC China Lake, YES Vestal, Richgr, ISA Isabella, Lake, SHRP Sheep Range, ELK Elko, ELK comp=E, 19nm, 0.3s.

CATAC 18 00:50:29.5±1.2, 20.2N, 12.7W, h6km, 3km, M3.3/5, MLV3.3/5, Error ellipse: s-maj=26.0km s-min=11.9km az=167.9, confirmed

SSNC 18 00:50:30.5±1.2, 19.72N, 76.45W, h0km, 7km, MD3.2, ML2.8, MW3.0, Presumed earthquake, JSN 18 00:50:32.1±1.2, 19.57N, 76.45W, h7km, 12km, MD3.9, Presumed earthquake

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like CHIV Chivirico, LMGC Las Mercedes, MARVS Santiago de Cu, MARVS comp=N, 78nm, 0.2s, YAR Yar, HLGC Holguin, HLGC comp=N, 379nm, 0.5s, GTBY Guantanamo Bay, GTBY Guantanamo Bay, BNJ Bonny Gate, NMDO Nuevo Mundo, NMDO Nuevo Mundo, NMDO comp=N, 48nm, 0.3s, QMBU Qumbuelo, GWJ Greenwich, STH Stony Hill, MOAC Moa, HOJ Hope, CVJ Coleville, MTJD Mount Denham, CCCC Cccc, PCJ Portland Cotta, MASC Masc, MASC Masc.

IDC 18 00:56:43.6±1.2, 4.25N, 63.36E, h0km, mb3.7/14, mbtmp3.7/14, MS3.3/6, Error ellipse: s-maj=31.9km s-min=22.0km az=25.0

ISC 18 00:56:45.0±1.2, 4.2N, 63.4E, 0.2, h10km, n27, +0.91/15, mb3.8/13, MS3.4/5, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like PALK Pallekele, BRDH Baridhala, MBAR Mbarara, CMAR Chiang Mai Arr, LSZ Lusaka, KBZ Khabaz, BRTR Keskin Array B, MKAR Makanchi Array, LBTB Lobatse, KURBB Kurchatov Arra, BVAR Bvovoye Array, TSUM Tsumeb, H04N2 CROZET ISLANDS, H04N1 CROZET ISLANDS, H04N3 CROZET ISLANDS, ZALV Zalesovo Beam, SONM Songoing Array, TORD Torodi Arr, H01W3 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, ARCES ARCESS Array B.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like ESDC Sonseca Array, WRA Warramunga Arr, ASAR Alice Springs, TXAR Lajillas Array.

BUI 18 01:11:55.0, 67.80N, 20.10E, h10km, mb5.0/8, mb4.9/41, Ms4.9/27, Ms7.4/8/28, MOS 18 01:11:55.1±1.3, 67.74N, 20.07E, h10km, mb4.8/44, MS4.2/16, Error ellipse: s-maj=11.6km s-min=3.0km az=90.4

DNK 18 01:11:56.8, 0.8, 67.84N, 20.21E, h0km, ML4.1 (UPP), Suspected explosion

NEIC 18 01:11:56.0, 1.7, 67.83N, 0.05, 20.3E, 0.2, h1km, 1km, mb4.9/29, Error ellipse: s-maj=13.3km s-min=9.2km az=285.0

KOLA 18 01:11:56.3, 67.79N, 20.21E, h0km, ML3.7, Error ellipse: s-maj=8.0km s-min=3.8km az=160.0, Kiruna Area, Sweden

IDC 18 01:11:56.0, 0.3, 67.83N, 20.23E, h0km, mb4.7/39, mbtmp4.7/47, ML4.5/8, MS3.9/71, Error ellipse: s-maj=6.1km s-min=4.3km az=108.0

UPP 18 01:11:56.2, 0.0, 67.84N, 20.20E, h0km, ML4.1, Presumed earthquake

GCMT 18 01:11:57.0, 0.3, 67.95N, 0.05, 20.06E, 0.07, h12km, 2km, MW4.7/75, Moment Tensor Solution, s7, c7, s7s, c96, Duration: 0 Moment tensor: Scale 1016N; M0, 89±10; M1, 0.04±0.05; M2, 0.61±0.21; M3, 0.15±0.04; M4, 0.41±0.18; Best double couple: M0, 17100×1016 NP1±348,00000; ±35,00000; A, 50,00000; NP2: ±214,00000; ±64,00000; A, 114,00000; Principal axes: T 1.2500, Plg63.0000; Azm163.0000; N -0.1570, Plg21.0000; Azm23.0000; P -1.0930, Plg16.0000; Azm286.0000; n21 refers to body waves, cutoff=40s. n2a2 refers to surface waves, cutoff=50s. Triangular moment-rate function

HEL 18 01:11:57.0, 0.0, 67.85N, 20.22E, h1km, ML3.9, ML4.1 (UPP), ML4.1 (BER), Confirmed Induced event

NAO 18 01:11:57.1, 67.84N, 20.22E, h0km, ML4.7, BER 18 01:11:57.3, 9.3, 67.81N, 20.32E, h0km, 8km, ML4.1, MW4.5, mb4.9 (USGS), Confirmed Induced event

GFZ 18 01:11:58.1, 67.71N, 20.03E, h10km, MW4.6, Moment Tensor Solution, s17 Moment tensor: Mr8.11; Mw=1.36; Mw=6.75; Mw=0.27; Mw=1.26; Mw=4.83; Fault plane solution: NP1±195,00000; ±28,00000; ±97,00000; NP2±7,00000; ±61,00000; ±86,00000; Principal axes: T 9.5400, Plg3.0000; Azm9.0000; P -8.4200, Plg16.0000; Azm100,0000

FCIAR 18 01:11:58.0, 67.90N, 20.71E, h10km, station SPA8 has station magnitude of 4.81

BGS 18 01:12:03.1±1.7, 67.43N, 19.07E, h10km, mb4.8, ISC 18 01:11:55.3, 0.2, 67.80N, 0.01, 20.19E, 0.01, h0km, n1175, ±160/1238, mb4.8/239, MS4.0/75, 65E-101D, Sweden

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like KUA Kurraavaara, KUA Kurraavaara, KUA Kurraavaara, RATU Laukkuluspa, RATU Laukkuluspa, RATU Laukkuluspa, RATU Laukkuluspa, KUVU Salmi, KUVU Salmi, KUVU Salmi, KUVU Salmi, NIKU Nikkaluokta, NIKU Nikkaluokta, NIKU Nikkaluokta, NIKU Nikkaluokta, NIKU Nikkaluokta, DUNU Dundret, DUNU Dundret, DUNU Dundret, DUNU Dundret, LANU Lannavaara, LANU Lannavaara, LANU Lannavaara, LANU Lannavaara, LANU Lannavaara, SALU Saitoluokta, SALU Saitoluokta, SALU Saitoluokta, SALU Saitoluokta, MASU Masugnsbyn, MASU Masugnsbyn, MASU Masugnsbyn, PAJU Pajala, PAJU Pajala, PAJU Pajala, I37NO I37NO, I37NO I37NO, HEF Hetta, HEF Hetta, HEF Hetta, HEF Hetta, ERTU Ertsjaerv, ERTU Ertsjaerv, ERTU Ertsjaerv, KLF Kolari, KTK1 Kautokeino, KTK1 Kautokeino, KTK1 Kautokeino, KTK1 Kautokeino, HARU Harads.

18d 1h

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Table with columns for station name, frequency, power, and various signal quality metrics. Includes stations like HARU, JETTAN, STEIGEN, TROMSO, FAUSKE, LOFOTEN, ROVANIERIEMI, ARCES, RAUSANDAKSLIA, VAAGAHOLMEN, KONSVIK, RAJA-JOOSSEPPI, LEIRFJORDEN, and many others.

Table with columns: Station, Frequency, Mode, Class, Power, and other parameters. Includes stations like SPA0 Spitsbergen Ar, SPITS Spitsbergen Ar, SPITS Spitsbergen Ar, etc.

Table with columns: Station, Frequency, Mode, Class, Power, and other parameters. Includes stations like R9F13, KIROV, KIROV, INVVG, BEL, BEL, EDL, EDL, EAB, EAB, etc.

Table with columns: Station, Frequency, Mode, Class, Power, and other parameters. Includes stations like ZVC, SHIU, SHIU, FOEL, FOEL, FOEL, GRA1, GRA1, GRA1, etc.

18d 1h

Table with columns: Code, Name, Time, Status, and other metrics. Includes entries like ARSA Arzberg, MESR Mesesini, ARTI Arti, etc.

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Table with columns: Code, Name, Time, Status, and other metrics. Includes entries like SVZ Topolog, HUPM Humele, NRIK Noril'sk, etc.

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Table with columns: Code, Name, Time, Status, and other metrics. Includes entries like LIT Borovoye, BORK Borovoye, BVAR Borovoye, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like PARRA, TIKSI, EVO, PBEJ, CSS, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like C24K, D27M, B21K, B21K, D25K, INK, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like G21K, TAM, TAM, YKA, YKA, F17K, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Kunming, Hayden, Hardware Ranch, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Warramunga Arr, Alice Springs, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ASF, KBZ, AKASG, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CACAO, CALOS, QUEPOS, VERB, TAGO, etc.

Table with columns: YKA, LR, LR, 02 39 47.7, comp=Z, 3.4nm, 18.3s, baz=42, slow=39, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: KURK, IAmB, IAmB, 02 21 16.7, KURBB Kurchatov Arr, 45.60 308, etc.

IDC 18 02:19:08.6i:0.7, 38:14N:118:11W, h0km, mb3.7/3, mbmp3.6/10, ML3.3/8, MS3.5/8, Error ellipse: s-maj=10.1km s-min=6.9km az=57.0, NEIC 18 02:19:08.1i:1.5, 38:165N:0209:118:09W, 0.01, h5km, 14i, 0.9, m3.9/11, ML4.0/132, Mw4.0/124, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc.

Table with columns: AFDM Forest Hills D, 2.39 290, Pn, Pn, 02 19 48.2 +0.1, AFDM Queen of Sheba, 2.40 155, Pn, IAmL, Pn, etc.

18d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SAND, OZNA, WHXY, 435B, FFC, ULM, etc.

18d 02:23:02.8-0.6, 40.53Sx45.19E, h0km, mb4.1/15, mbmp4.1/15, MS3.7/15, Error ellipse: s-maj=21.1km s-min=16.4km az=54.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H04N1, H04N2, H04N3, etc.

2020 MAY

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

18d 02:23:43.1-2.4, 32.42N, 76.29E, h0km, mb3.8/6, mbmp3.7/9, ML3.3/3, MS3.5/2, Error ellipse: s-maj=40.5km s-min=32.5km az=42.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like THN, TLWR, JMU, etc.

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

18d 02:26:22.1-0.9, 27.75S, 179.05W, h395km, 11km, mb3.0/3, mbmp3.9/5, Error ellipse: s-maj=26.8km s-min=21.5km az=89.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SHLS, TARG, SATY, etc.

18d 02:39:38.0-0.8, 6.68N, 72.92W, h165km, 11km, mb2.9/1, mbmp3.5/3, Error ellipse: s-maj=56.6km s-min=7.6km az=132.0

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OCAC Ocana, SPBC San Pablo de B, NORC Norcasia, etc.

IDC 18 02:57:44.0.1.2.36.116N.28.00E, h53km, 21km, mb3.0/2, mbmp3.5/8, ML2.9/5, Error ellipse: s-maj=17.4km, s-min=8.0km, az=175.0

AFAD 18 02:57:47.3.36.24N.27.95E, h42km, 4km, MW3.3, Gll 18 02:57:48.5.0.0.35.802N.0.002.28.286E:0.001, h0km, Mw=3.7, confirmed

ISC 18 02:57:44.9.0.36.20N.0.03.28.02E:0.03, h75km, 6km, n102.1s152/153, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARG Arkhangelos, TUR Turunc, DAT Data, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AYDN Aydin, GOLH Golhisar, ESEN Aydn-Nazilli, etc.

RNSC 18 02:58:07.5.0.0.7.14N.73.3W, h141km, 1km, M3.2, mb3.6, ML2.8

FUNV 18 02:58:08.2.7.14N.73.16W, h5km, MW3.2, Presumed earthquake

ISC 18 02:58:05.2.1.4.6.86N.0.03.73.12W:0.05, h149km, 9km, n36.1s143/71, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HRFI Mount Harif, EIL2 Elat, GERES GERESS Array B, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRAC Prado, APAC Apartado, San Jacinto, C, etc.

JMA 18 03:00:17.7.0.1.32.3N.0.2.130.5E:0.2, h4km, 1km, MV0.1/8, SOUTHERN KUMAMOTO PREF, KYUSHU

MOS 18 03:00:36.3.0.9.38.29N.141.70E, h43km, mb5.6/79, MS4.6/13 Error ellipse: s-maj=5.4km s-min=3.4km, az=111.7

BUL 18 03:00:36.6.38.16N.141.71E, h63km, mb5.2/38, mb5.3/83, Ms4.5/78, Ms7.4/77

BGR 18 03:00:37.9.38.42N.142.33E, h74km, 1km, mb5.4, Ms4.6, NEIC 18 03:00:37.5.38.19N.141.82E, h39km

NEIC 18 03:00:38.4.2.0.38.22N.0.05.141.68E:0.09, h47km, 3km, mb5.3/35, Mw5.0/17, Error ellipse: s-maj=9.9km, s-min=6.9km, az=88.0

NIED 18 03:00:38.5.38.18N.141.70E, h51km, MW5.1, Moment Tensor Solution. s3 Moment tensor: Scale 10^16Nm; Mn:3.59; Mw:0.58; Ms:3.01; Me:1.23; Mb:1.42; Mv:3.38;

JMA 18 03:00:38.5.0.1.38.24N.0.3.141.7E:0.5, h51km, MD5.2/37, MW5.1/7E OFF MIYAGI PREF

JMA Felt IV J1 at E OFF MIYAGI PREF. IDC 18 03:00:40.2.0.4.38.17N.141.68E, h67km, 2km, mb5.0/40, mbmp5.3/45, MS4.1/82, Error ellipse: s-maj=8.9km, s-min=7.3km, az=109.0

GCMT 18 03:00:40.4.0.1.38.18N.0.01.141.67E:0.01, h48km, MW5.1/134, Moment Tensor Solution. s94, c157; s134, c231; Duration: 0 Moment tensor: Scale 10^16Nm; Mw:1.46; Mb:0.8; Ms:3.84; To: Best double couple: Mw:4.830x10^16 Nm; Ms:197.00000; s25.00000; s27.00000; Azm:200.0000; N 0.0159, Plg2.0000; P -6.4210, Plg1.0000; Azm:200.0000; P -6.4210, Plg2.0000; Azm:190.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 18 03:00:41.38.19N.141.94E, h60km, Moment Tensor Solution. Duration: 1s6 Moment tensor: Scale 10^16Nm; Mn:3.68; Mw:0.07; Ms:3.62; Me:0.83; Mb:0.64; Mv:2.45;

ISC 18 03:00:38.0.3.38.19N.0.03.141.72E:0.03, h50km, 1km, h50km, p-P, n1517, s1547/1452, mb5.3/394, MS4.3/113, 94C-75D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JIKH Ishinomakikobu, JIO Ouri, JKMJ Kesennumamoto, etc.

18d 3h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries for ONAJ, JOM, JMV, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries for JBT2, JAO, HMM, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries for MDJ, JSU, TJB, etc.

18d 3h

Table with columns: CHTO, Chiang Mai, 41.82 255 P, P, 03 08 23.5 +0.1, etc. Includes rows for CHTO, H16K, SDPT, FAKI, ZSN, G16K, M15K, CM31, CMAR, NRIK, CHNA, LSA, F17K, L16K, L17K, L18K, L19K, L20K, L21K, L22K, L23K, L24K, L25K, L26K, L27K, L28K, L29K, L30K, L31K, L32K, L33K, L34K, L35K, L36K, L37K, L38K, L39K, L40K, L41K, L42K, L43K, L44K, L45K, L46K, L47K, L48K, L49K, L50K, L51K, L52K, L53K, L54K, L55K, L56K, L57K, L58K, L59K, L60K, L61K, L62K, L63K, L64K, L65K, L66K, L67K, L68K, L69K, L70K, L71K, L72K, L73K, L74K, L75K, L76K, L77K, L78K, L79K, L80K, L81K, L82K, L83K, L84K, L85K, L86K, L87K, L88K, L89K, L90K, L91K, L92K, L93K, L94K, L95K, L96K, L97K, L98K, L99K, L100K.

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Table with columns: MAKZ, Makanchi, 43.93 301 P, P, 03 08 40.1 0.0, etc. Includes rows for MAKZ, P17K, F19K, R17L, GCSA, G19K, D19K, N18K, Q17K, E19K, M18K, H19K, CHIR, J19K, J19K, ACHA, P18K, O18K, Q18K, D20K, L19K, B20K, F20K, E20K, N19K, H20K, M19K, I20K, K20K, J20K, A21K, SII, BRDH, KURK, KURK, KURK, Q19K, Q19K, KURRB, KURRB, C21K, IMAR, B21K, M20K, G21K, E21K, OHAK, F21K, A22K, MMSI, RED, H21K, CHUM, KDAK, KDAK, KDAK, PPLA, SPCR, Q20K, B22K, I21K, F22K, SKT, HOM, PDGK, G22K, H22K, SHLS, SHLS, SPSI, CAPN, BPAW, L22K, MLY, TDK, TKK, UZB, UZB.

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Table with columns: UZB, Uzynbulak, 46.84 297 P, P, 03 09 03.1 -0.3, etc. Includes rows for BRSE, TRF, D23K, KPKS, KPKS, C23K, M22K, G23K, H23K, H23K, WUS, WUS, E23K, E23K, E23K, SATY, SATY, RC01, RC01, I23K, TOLK, NEA2, PRZ, SEW, MCK, PMR, KAPI, KAPI, KAPI, KAPI, KAPI, KAPI, RND, PMG, GHO, C24K, E24K, WAT1, MKS, KNK, SMI, F24K, H24K, COLA, COLA, COLA, COLA, TARG, TARG, WAT6, POKR, M23K, MDOK, MDOK, MDOK, AAA, AAA, AAA, TNS5, TNS5, HDA, HDA, IL31, ILAR, ILAR, ILAR, SCM, SCM, D25K, P23K, GLI, G25K, F25K, E25K, M24K, PRP, K24K, C26K, J25K, ULHL, KLU, KLU, Q23K, PAX, BMAP, BRZS, BRZS, EYAK, EYAK, EYAK, TKM2, HARP, RIDG, RIDG.

18d 3h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KLMR, ARAO, ARCES, BELG, etc.

2020 MAY

Table with columns for station name, frequency, power, and other technical details. Includes stations like BLKN, MXC, EDM, VORD, etc.

1076

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

Table with columns: Code, Name, Time, Date, Status, Location, etc. Includes entries like UMZA, BOZ, SUW, NVAR, etc.

Table with columns: Code, Name, Time, Date, Status, Location, etc. Includes entries like BURAR, BURAR, BURAR, BURAR, etc.

Table with columns: Code, Name, Time, Date, Status, Location, etc. Includes entries like PV12, LADK, ADVC, etc.

18d 3h

Table of station data for 18d 3h, including call signs like MMAI, CSS, BASM, MANZ, CKRC, etc., and their associated frequencies and parameters.

2020 MAY

Table of station data for 2020 MAY, including call signs like BHOU, MYKA, ANMO, etc., and their associated frequencies and parameters.

1078

Table of station data for 1078, including call signs like TXAR, TXAR, TXAR, etc., and their associated frequencies and parameters.

JMA 18 03:01:55.0, 0.333N, 0.2x135.0E, 0.1, h11km, 1km, MVO/8/18, S PART OF KII CHANNEL, Shikoku

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, including entries for JMW, JAI, JTNC, etc.

JSN 18 03:09:59.0, 0.6, 16.74N, 76.22W, h6km, 370km, MD3.8, Presumed earthquake

ISC 18 03:10:00.4-3, 1.68N, 0.2x76.4W, 0.1, h32km, 15km, n13, 0.159/26, 1C-4D, Caribbean Sea

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Greenwich, Stony Hill, Bonny Gate, Coleyville, Mount Denham, etc.

AFAD 18 03:22:08.6, 35.94N, 31.35E, h24km, 1km, ML2.5
ISK 18 03:22:09.8, 35.93N, 31.42E, h12km, ML2.9/39
NIC 18 03:22:11.0, 35.95N, 31.68E, h35km, 42km, ML2.5/8
ISC 18 03:22:08.7, 1.1, 35.88N, 0.03, 31.40E, 0.02, h9km, 10km, n63, c1826/84, 1C, Cyprus region

Main table of station data for the left column, including station names, coordinates, and observation times.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PARAL, OSC1, LADK, AFYN, etc.

GCG 18 03:43:48.8, 1.2, 15.97N, 92.94W, h126km, 14km, MD3.7, Presumed earthquake
MEX 18 03:43:49.3, 0.8, 15.92N, 93.05W, h135km, 7km, MD3.8, Presumed earthquake
ISC 18 03:43:47.3, 1.5, 15.95N, 0.06, 93.03W, 0.05, h138km, 10km, n21, c1920/37, 1D, Near coast of Chiapas

Main table of station data for the middle column, including station names, coordinates, and observation times.

IDC 18 03:54:30.2, 8.4, 37.42N, 71.98E, h243km, 52km, mb2.8/1, mbmp3.6/5, Error ellipse: s-maj=126.4km s-min=79.1km az=114.0
ISC 18 03:54:31.1, 2.6, 37.5N, 0.2, 71.9E, 0.2, h250km, n13, c0570/16, 2C-2D, Afghanistan-Tajikistan border region

Main table of station data for the middle column, including station names, coordinates, and observation times.

MAN 18 04:01:17.0, 4.97N, 127.75E, h123km, MS3.9
NEIC 18 04:01:18.2, 1.4, 4.68N, 0.07, 127.7E, 0.1, h85km, 6km, mb4.5/37, Error ellipse: s-maj=16.0km s-min=8.9km az=65.0
DJA 18 04:01:18.6, 0.3, 5.3N, 3.12E, h88km, 3km, M4.8/41, mb4.8/41, mb5.3/16, MLV5.2/21, Mw(MB)4.7/16

Main table of station data for the middle column, including station names, coordinates, and observation times.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BUTP, CGP, SURI, etc.

ISC 18 03:22:08.7, 1.1, 35.88N, 0.03, 31.40E, 0.02, h9km, 10km, n63, c1826/84, 1C, Cyprus region

Main table of station data for the right column, including station names, coordinates, and observation times.

Table with columns for call sign, name, frequency, mode, and status. Includes stations like Muntele Rosu, Gura Zlata, Vri Vri, etc.

Table with columns for call sign, name, frequency, mode, and status. Includes stations like KIV Kislodovsk, KIV Kislodovsk, KIV Kislodovsk, etc.

Table with columns for call sign, name, frequency, mode, and status. Includes stations like PVCC Panska Ves, MNGR Mingechevir, RSP13 Warsaw-Wawer, etc.

18d 4h

Table with columns for call sign, name, frequency, power, and other parameters. Includes entries like BCCLA Clavier, EMUR La Murta, BEBN Eben Emael, etc.

2020 MAY

Table with columns for call sign, name, frequency, power, and other parameters. Includes entries like PVRL Vila Real, PBEJ Beja, POLO Lamas de Olo, etc.

21082

Table with columns for call sign, name, frequency, power, and other parameters. Includes entries like ABKAR Akbulak array, IWEX Carrickbyrne, ASK Askary, etc.

1083

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like DBIC Dimbokro, KSH2 Kashi, AAA Alma-Ata, etc.

2020 MAY

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KNGR Kungurtug, TSUM Tsumeb, NEEM North Greenlan, etc.

18d 4h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BTO2, HHC Hu-ho-hao-te, CHTO Chiang Mai, etc.

18d 4h

Table with columns: TIA, TAI, 71.84, 58, P, P, 04 29 42.6 +1.6, etc. Includes entries like Sach's Harbour, Hanover, Weston, Langsa, Aceh, BinXian, etc.

2020 MAY

Table with columns: INK, Inuvik, 76.63, 352, LR, LR, 05 07 14.5, etc. Includes entries like Inuvik, Sunbury, Happy Valley, Babbage River, etc.

1084

Table with columns: H31M, H29M, G25K, G22K, MYKOM, F19K, F19K, G24K, FYU, G23K, H27K, H27K, F18K, F17K, G21K, G21K, WRGLY, WRGLY, I30M, I30M, G19K, G19K, I29M, TNA, I27K, I28M, I28M, F15K, F15K, GUA01, IMAR, H24K, H24K, G18K, H22K, H22K, F14K, H23K, H23K, O52A, O52A, PRP, P53A, I26K, H21K, H21K, G17K, J30M, G16K, H19K, H20K, FFC, FFC, FFC, G15K, J29N, POKR, I23K, H18K, I21K, I21K, MLY, MLY, H17K, DSR1, COLA, COLA, ILAR, ILAR, ILAR, ANM, ANM, ANM, N49A, J25K, H16K, SMTB, ULM, ULM, I20K, SDBA, GCSA, K29M, K29M, GAMB, PDPFR, PDPFR, MAYO, YSS, YSS, YSS, YSS

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like NEA2, PRPB, HDA, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like L19K, DIAM, T50A, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like MJAR, Matushiro Arr, BDFB, etc.

18d 4h

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

2020 MAY

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

1086

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TAVA, URLA, ELL, ELL, BLCB, etc.

18d 4h

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like TXAR, S39A, GSPA, etc.

ISK 18 04:30:26.5, 34:08N-25.62E, h5km, ML3.7/18
IDC 18 04:30:27.0-0.8, 34:11N-25.67E, h0km, mA/1.20
NEIC 18 04:30:29.1-2.0, 34:09N-0.07-25.61E-0.07, h10km-1km
ATH 18 04:30:31.4, 34:36N-25.57E, h7km-2km, ML3.7/8, Latitude uncertainty: 2 km, Longitude uncertainty: 1 km
AFAD 18 04:30:33.6, 34:51N-25.96E, h9km, 4km, ML3.5
GII 18 04:30:34.2, 0.0, 33:87N-01:01:26:232E-0.004, h0km, MWS4.2, confirmed
ISC 18 04:30:28.6-2.7, 34:11N-0.05-25.71E-0.04, h10km-17km, n228, r168/259, mb4.3/52, 5D, Crete

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and other technical details. Includes stations like ZKR, ZKZ, STIA, etc.

2016 MAY

Main table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like DNZT, KNIK, AYDB, etc.

1088

Table with columns: Call sign, Frequency, Mode, Power, and other technical details. Includes stations like RKA, KHC, TUE, etc.

18d 6h

Table with columns: Station Name, Frequency, Mode, Class, and other parameters. Includes stations like CHNA Chernabura Isl, CNBA Chernabura Isl, and various other locations.

2020 MAY

Table with columns: Station Name, Frequency, Mode, Class, and other parameters. Includes stations like HIN Hinchinbrook I, J19K Poorman, and various other locations.

1090

Table with columns: Station Name, Frequency, Mode, Class, and other parameters. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array, and various other locations.

IDC 18 05:35:09.5, 1.4, 37.75N, 31.46W, h0km, mb3.5/6, mbmp3.5/6, MS3.5/13, Error ellipse: s-maj=56.2km s-min=23.2km az=20.0

SVSA 18 05:35:13.0, 0.8, 37.72N, 31.28W, h15km, ML3.1 (INMG), #DIST RANGE: LOCAL #IFMA #IFSCM #IFSCM #IFSCM

ISC 18 05:35:11.9, 1.0, 37.9N, 0.1, 31.08W, 0.07, h18km, n30, c1871/19, mb3.6/5, MS3.4/13, Azores Islands region

Table with columns: Code, Station Name, Frequency, Mode, Class, and other parameters. Includes stations like PCED Cedros, HOR Horta, PCAN Candelaria, and various other locations.

IDC 18 05:58:41.8, 4.0, 34.31N, 25.47E, h0km, mb3.5/3, mbtp5.6/7, Error ellipse: s-maj=86.9km s-min=49.7km az=10.0, Crete

Table with columns: Code, Station Name, Frequency, Mode, Class, and other parameters. Includes stations like AKASG Malin Array Be, KURBB Kurchatov Arra, and various other locations.

CATAC 18 06:13:01.2, 0.4, 20.1N, 4.7W, h17km, 2km, M3.6/7, MLV3.6/7, Error ellipse: s-maj=9.2km s-min=3.5km

SSNC 18 06:13:03.2, 1.3, 19.74N, 76.43W, h5km, MD3.4, ML3.1, MW3.4, Presumed earthquake

JSN 18 06:13:03.8, 0.9, 19.58N, 76.45W, h3km, 8km, MD4.5, Presumed earthquake

ISC 18 06:13:01.4, 1.2, 19.77N, 0.03, 76.48W, 0.03, h17km, 9km, n31, c1811/15, 2C-5D, Cuba region

Table with columns: Code, Station Name, Frequency, Mode, Class, and other parameters. Includes stations like CHIV Chivirico, LMGC Las Mercedes, and various other locations.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and various data points for stations like MARVS, YAR, RCC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and various data points for stations like WRA, ASAR, MKAR, YKA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and various data points for stations like WBSI, LBF, WSI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and various data points for stations like HNR, PMG, CTA, etc.

0.3nm,0.8s
BDFB Brasilia 145.72 136 PKPbc PKPbc 06 40 54.0 -0.2
IDC 18 06:26:45.6:1.5:2.86S:130.24E,h0km,mb3.9/2,
mbmp3.9/5,ML3.9/3,MS2.8/1,Error ellipse: s-maj=49.8km
s-min=20.5km az=97.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and various data points for stations like MSAI, FAKI, KRAI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and various data points for stations like WRA, ASAR, JNU, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and various data points for stations like WRA, ASAR, MKAR, BDFB, etc.

IDC 18 06:32:25.0:2.0:9.47S:156.26E,h0km,mb3.5/3,
mbmp3.5/3,Error ellipse: s-maj=68.6km s-min=41.6km
az=143.0,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and various data points for stations like WRA, ASAR, MKAR, BDFB, etc.

NEIC 18 06:37:30.5:1.2:5.148N:0.04:173.50W,0.08,h28km,5km,
mb4.5/258,ML4.4/14,ML4.2(AEIC),Error ellipse:
s-maj=6.9km s-min=6.2km az=64.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and various data points for stations like ATKA, KOPF, KOSE, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and various data points for stations like ADK, KIRH, KINB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and various data points for stations like FALS, DTI, SHEM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and various data points for stations like DOL, SDPT, CNBA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and various data points for stations like WRA, ASAR, MKAR, BDFB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and various data points for stations like WRA, ASAR, MKAR, BDFB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and various data points for stations like ACHA, M16K, K15K, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and various data points for stations like Q18K, L16K, N17K, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and various data points for stations like P18K, OHAK, O18K, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and various data points for stations like P18K, OHAK, O18K, etc.

18d 6h

Table with columns: Station ID, Name, Frequency, Power, Modulation, Bandwidth, SNR, and other technical details. Includes stations like GCSA Galena City Sc, SKT Skwentna, SEW Seward, etc.

2020 MAY

Table with columns: Station ID, Name, Frequency, Power, Modulation, Bandwidth, SNR, and other technical details. Includes stations like ILAR Eielson Array, CRQE Cirque, G23K John River, etc.

1092

Table with columns: Station ID, Name, Frequency, Power, Modulation, Bandwidth, SNR, and other technical details. Includes stations like I28M Miner Creek, I28M Miner Creek, N30M Aishkik Lake, etc.

18d 6h

Table with columns: SONM, Songino Array, 71.84 327 P, P, 07 02 47.5 +2.8, comp=2.0,3nm,0.4s, baz=141, slow=5.7, SNR=3.8

IDC 18 06:56:59.7-0.7, 40.786N-127.34W, h0km, mb4.3/21, mbtmp4.3/29, ML3.7/7, Error ellipse: s-maj=16.9km s-min=9.3km az=20.0

NEIC 18 06:56:01.6:1.0, 40.77N-127.2W, h10km, mb4.8/19, ML3.7/100, Mw5.0/86, Error ellipse: s-maj=15.4km s-min=11.5km az=228.0

NEIC 18 06:56:01.7, 40.78N-127.23W, h10km, GCMT 18 06:56:03.6:0.2, 40.89N-127.45W, h14km, Mw5.0/120, Moment Tensor Solution. s42,c50;

s120,c188; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=3.36e-16; Mxx=0.22e-11; Mxx=3.14e-11; Mn=0.15e-28; Mxy=0.44e-07; Myx=1.25e-23; Best double couple; M33=5.1400e+16; NP2=167.00000; 835.00000; 1-98.00000; NP2=357.00000; 855.00000; 1-84.00000; Principal axes: T 3.4230, Plg10.0000, Azm83.0000; N 0.1800, Plg5.0000, Azm174.0000; P -3.6060, Plg79.0000, Azm288.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 18 06:56:06.4, 41.066N-127.36W, h18km, Moment Tensor Solution. Duration: 157 Moment tensor: Scale 10^16Nm; Mn=3.41; Mxx=0.22; Mxy=0.44; Myx=1.25; Mzz=3.14; Fault plane solution: M0.68000x10^16; NP2=182.47000; 834.00000; 1-72.04000; NP2=343.10000; 868.00000; 1-97.37000; Principal axes: T 4.4026, Plg23.0000, Azm79.0000; N 0.5101, Plg7.0000, Azm346.0000; P -4.9127, Plg66.0000, Azm240.0000;

ISC 18 06:56:01.2:0.5, 40.80N-127.31W, h10km, n441, 0877/416, mb4.7/64, 3C-2D, Off coast of northern California

Table with columns: Code, Station Name, Az, AZ, Phase ID, h, s, Res, KCTM Capetown, 2.29 97 Op, Pn, 06 56 38.5 -0.5

2020 MAY

Table with columns: I02E, IAML, 06 59 25.4, MNPY Sheldon Lake, 21.98 355 P, P, 07 00 55.9 +0.8

1094

Table with columns: Q23K, Middleton Isle, 22.14 334 P, P, 07 00 56.4 -0.3, MNPY Sheldon Lake, 21.98 355 P, P, 07 00 55.9 +0.8

Table with columns: ID, Name, Az, El, Range, P, M, Az, El, Range, P, M. Includes stations like MCK5 McKinley, HDA Harding Lake, TRF Thorore Moun, etc.

Table with columns: ID, Name, Az, El, Range, P, M, Az, El, Range, P, M. Includes stations like F21K Alatina River, H18K Honhosa River, C27K Jag River, etc.

Table with columns: ID, Name, Az, El, Range, P, M, Az, El, Range, P, M. Includes stations like DOU comp=Z,7.8nm,1.0s, PB11 IPOC Station P, ZAAO Zalesovo Array, etc.

IDC 18 06:59:54.1±3.9,9:31S:156°14E,h0km,mb3.8/4, mbtm3.8/4, Error ellipse: s-maj=114.3km s-min=41.1km az=168.0, Bougainville-Solomon Islands region

HYT	Haines Junction	21.03 346	P	P	07 07 18.8 +0.9
PECS	Pecos	21.07 109	Iamb	Iamb	07 07 31.0
SUSD	Miller	21.11 71	Iamb	Iamb	07 07 27.9
SUSD	comp=Z,138nm,1.2s		IAMS_20	IAMS_20	07 15 40.0
CBKS	Cedar Bluff	21.22 86	IAMS_20	IAMS_20	07 16 01.2
YUK6	Outpost Mounta	21.30 345	P	P	07 07 21.3 +0.4
N31M	Braeburn, Yuko	21.37 349	Iamb	Iamb	07 07 33.0
N31M	Braeburn, Yuko	21.37 349	P	P	07 07 22.3 +0.9
MESA	MESA	21.45 340	Iamb	Iamb	07 07 34.4
MESA	MESA	21.45 340	P	P	07 07 23.4 +1.0
O28M	Mount Upton	21.54 343	Iamb	Iamb	07 07 35.0
O28M	Mount Upton	21.54 343	P	P	07 07 24.2 +0.8
N30M	Aishikik Lake	21.55 347	IAMS_20	IAMS_20	07 13 45.7
N30M	Aishikik Lake	21.55 347	P	P	07 07 24.3 +0.9
YUK4	Talbot Arm	21.73 345	P	P	07 07 26.8 +1.3
LOGN	Logan Glacier	21.77 342	Iamb	Iamb	07 07 39.1
ALPN	Alpine	21.79 111	Iamb	Iamb	07 07 39.3
BRWY	Burwash Landin	21.83 345	P	P	07 07 27.1 +0.7
FFC	Flin Flon	21.83 42	Iamb	Iamb	07 07 26.5 +0.1
FFC	Flin Flon	21.83 42	Pmax	Pmax	07 07 26.5 +0.1
FFC	Flin Flon	21.83 42	IAMS_20	IAMS_20	07 15 44.6
FFC	Flin Flon	21.83 42	P	P	07 07 26.5 +0.1
FFC	Flin Flon	21.83 42	MLR	MLR	
GRNC	Granite Creek	21.88 341	Iamb	Iamb	07 07 29.0
GRNC	Granite Creek	21.88 341	IAMS_20	IAMS_20	07 13 43.3
M31M	Drury Creek, Y	21.88 351	Iamb	Iamb	07 07 37.9
M31M	Drury Creek, Y	21.88 351	P	P	07 07 27.6 +0.8
LPIG	La Paz	21.89 134	LR	LR	07 14 19.8
MNHN	Monahans	21.89 108	Iamb	Iamb	07 07 39.3
YUK8	Steele Glacier	21.90 344	P	P	07 07 27.9 +0.5
BGNE	Belgrade	21.92 79	Iamb	Iamb	07 07 32.3
BGNE	Belgrade	21.92 79	IAMS_20	IAMS_20	07 16 27.4
KAIM	Kayak Island	21.94 337	P	P	07 07 27.5 0.0
POST	Post	21.95 102	Iamb	Iamb	07 07 39.4
MMPY	Sheldon Lake,	22.00 355	Iamb	Iamb	07 07 37.4
MMPY	Sheldon Lake,	22.00 355	P	P	07 07 29.3 +1.1
SMW2	Sarnwood	22.02 96	Iamb	Iamb	07 07 41.4
R32A	Long Quarter,	22.10 87	Iamb	Iamb	07 07 37.0
BERG	Berg Lake	22.11 338	Iamb	Iamb	07 07 41.3
BERG	Berg Lake	22.11 338	IAMS_20	IAMS_20	07 13 44.5
BARN	Barnard Glacier	22.14 341	Iamb	Iamb	07 07 31.9
BARN	Barnard Glacier	22.14 341	IAMS_20	IAMS_20	07 13 53.2
Q23K	Middleton Isla	22.17 334	P	P	07 07 30.5 +0.6
CRQE	Cirque	22.24 339	P	P	07 07 31.6 +0.7
CRQM	Cirque	22.26 339	Iamb	Iamb	07 07 40.6
TX31	Lajitas Ar, Si	22.38 113	Iamb	Iamb	07 07 46.0
TXAR	Lajitas Array	22.38 113	P	P	07 07 34.5 +1.9
TXAR	Lajitas Array	22.38 113	PcP	PcP	07 11 28.5 +1.2
TXAR	Lajitas Array	22.38 113	LR	LR	07 16 52.1
TXAR	Lajitas Array	22.38 113	P	P	07 07 32.2 -0.4
TXAR	Lajitas Array	22.38 113	P	P	07 07 32.2 -0.4
TXAR	Lajitas Array	22.38 113	P	P	07 11 28.2
RAGM	Ragged Mountai	22.39 337	Iamb	Iamb	07 07 42.0
RAGM	Ragged Mountai	22.39 337	IAMS_20	IAMS_20	07 13 39.0
SLBS	Sierra La Lagu	22.41 134	P	P	07 07 32.6 -0.4
SLBS	Sierra La Lagu	22.41 134	Iamb	Iamb	07 07 46.5
SLBS	Sierra La Lagu	22.41 134	IAMS_20	IAMS_20	07 14 01.1
YUK3	Moose Creek	22.49 344	P	P	07 07 34.2 +0.6
M30M	Minto, Yukon	22.56 348	Iamb	Iamb	07 07 43.7
M30M	Minto, Yukon	22.56 348	P	P	07 07 34.8 +0.6
WRGLY	Wrigley	22.59 5	Iamb	Iamb	07 07 47.3
WRGLY	Wrigley	22.59 5	P	P	07 07 35.2 +0.7
M29M	Somme Creek	22.71 346	Iamb	Iamb	07 07 45.3
M29M	Somme Creek	22.71 346	P	P	07 07 36.6 +0.7
VRDI	Verde Repeater	22.73 340	Iamb	Iamb	07 07 45.3
MCARA	McCarthy VSAT	22.75 340	Iamb	Iamb	07 07 39.5
MCARA	McCarthy VSAT	22.75 340	IAMS_20	IAMS_20	07 14 10.7
MCARA	McCarthy VSAT	22.75 340	P	P	07 07 37.1 +0.9
SGCY	Sterling City	22.78 105	Iamb	Iamb	07 07 43.4
BMRM	Bremner River	22.84 338	Iamb	Iamb	07 07 47.5
BMRM	Bremner River	22.84 338	P	P	07 07 37.9 +0.7
EYAK	Cordova Ski Ar	22.84 336	Iamb	Iamb	07 07 53.6
EYAK	Cordova Ski Ar	22.84 336	IAMS_20	IAMS_20	07 13 52.0
EYAK	Cordova Ski Ar	22.84 336	P	P	07 07 38.5 +1.5
EYAK	Cordova Ski Ar	22.84 336	P	P	07 07 37.5 +0.4
APMT	Aspermont	22.85 100	Iamb	Iamb	07 07 48.9
P23K	Montague Islan	22.95 334	Iamb	Iamb	07 07 51.0
P23K	Montague Islan	22.95 334	IAMS_20	IAMS_20	07 14 01.9
P23K	Montague Islan	22.95 334	P	P	07 07 38.7 +0.5
HIN	Hinchinbrook I	22.95 335	IAMS_20	IAMS_20	07 13 53.1
GLB	Gilgiana Butte	23.01 340	Iamb	Iamb	07 07 42.0
F33A	5 Mile Ranch,	23.02 67	IAMS_20	IAMS_20	07 16 56.3
YKA	Yellowknife Ar	23.03 15	P	P	07 07 38.3 -0.8
YKA	Yellowknife Ar	23.03 15	PcP	PcP	07 11 28.2 +0.3
YKA	Yellowknife Ar	23.03 15	LR	LR	07 17 04.1

YKA	Yellowknife Ar	23.03 15	P	P	07 07 37.7 -1.4
YKAW1	Yellowknife Wh	23.05 15	Iamb	Iamb	07 07 38.2 -1.0
YKAW3	Yellowknife Wh	23.09 15	Iamb	Iamb	07 07 46.1
BVCY	Beaver Creek	23.15 344	P	P	07 07 41.1 +0.8
L34A	Svensden Farm,	23.16 77	Iamb	Iamb	07 07 50.4
FID	Port Fidalgo	23.22 336	Iamb	Iamb	07 07 51.4
FID	Port Fidalgo	23.22 336	IAMS_20	IAMS_20	07 14 13.6
WMOK	Wichita Moun,	23.26 96	Iamb	Iamb	07 07 54.1
L29M	L29M	23.27 347	Iamb	Iamb	07 07 44.4
L29M	L29M	23.27 347	P	P	07 07 42.8 +1.2
DIV	Divide	23.30 337	Iamb	Iamb	07 07 58.0
DIV	Divide	23.30 337	IAMS_20	IAMS_20	07 14 19.3
M27K	Edge Creek, AK	23.32 343	Iamb	Iamb	07 07 51.7
M27K	Edge Creek, AK	23.32 343	IAMS_20	IAMS_20	07 14 44.6
M27K	Edge Creek, AK	23.32 343	P	P	07 07 43.2 +1.0
MAYO	Mayo, Yukon	23.41 350	Iamb	Iamb	07 07 53.5
MAYO	Mayo, Yukon	23.41 350	P	P	07 07 44.2 +1.4
OHAK	Old Harbor	23.48 323	P	P	07 07 44.1 +0.5
OHAK	Old Harbor	23.48 323	P	P	07 07 44.1 +0.5
OHAK	Old Harbor	23.48 323	P	P	07 07 44.1 +0.5
KDAK	Kodiak Island	23.48 325	LR	LR	07 14 23.6
KDAK	Kodiak Island	23.48 325	P	P	07 07 44.4 +0.8
KDAK	Kodiak Island	23.48 325	IAMS_20	IAMS_20	07 14 12.3
KDAK	Kodiak Island	23.48 325	Pmax	Pmax	07 07 44.0 +0.4
KDAK	Kodiak Island	23.48 325	Pmax	Pmax	07 07 44.1 +0.4
KDAK	Kodiak Island	23.48 325	Iamb	Iamb	07 07 52.8
AGMN	Agassiz Nation	23.50 61	Iamb	Iamb	07 07 54.8
AGMN	Agassiz Nation	23.50 61	IAMS_20	IAMS_20	07 17 02.8
GLI	Glacier Island	23.51 335	P	P	07 07 44.2 +0.3
KSU1	Kansas State U	23.52 84	IAMS_20	IAMS_20	07 17 49.9
ABTX	Abilene, Hawle	23.53 101	IAMS_20	IAMS_20	07 17 46.0 +1.6
ABTX	Abilene, Hawle	23.53 101	Iamb	Iamb	07 07 39.8
SII	Sitkinak Islan	23.54 321	Iamb	Iamb	07 07 51.8
SII	Sitkinak Islan	23.54 321	IAMS_20	IAMS_20	07 14 19.1
SII	Sitkinak Islan	23.54 321	P	P	07 07 44.6 +0.3
M26K	Nabesna, AK	23.62 342	Iamb	Iamb	07 07 54.2
M26K	Nabesna, AK	23.62 342	IAMS_20	IAMS_20	07 14 41.5
M26K	Nabesna, AK	23.62 342	P	P	07 07 45.8 +0.8
KLU	Klutina	23.64 338	Iamb	Iamb	07 07 53.6
KLU	Klutina	23.64 338	IAMS_20	IAMS_20	07 14 51.1
SEW	Seward	23.74 332	Iamb	Iamb	07 07 55.1
SEW	Seward	23.74 332	P	P	07 07 46.6 +0.5
SEW	Seward	23.74 332	P	P	07 07 46.7 -0.1
ULM	Lac du Bonnet	23.80 56	P	P	07 07 46.7 -0.1
ULM	Lac du Bonnet	23.80 56	LR	LR	07 17 05.2
ULM	Lac du Bonnet	23.80 56	Iamb	Iamb	07 07 46.5 -0.3
ULM	Lac du Bonnet	23.80 56	Iamb	Iamb	07 07 54.1
ULM	Lac du Bonnet	23.80 56	P	P	07 07 46.3 -0.5
K29M	Barlow Dome	23.87 349	Iamb	Iamb	07 07 47.9 +0.4
K29M	Barlow Dome	23.87 349	Iamb	Iamb	07 07 57.0
K29M	Barlow Dome	23.87 349	P	P	07 07 48.6 +1.1
OK029	Liberty Lake	23.87 92	IAMS_20	IAMS_20	07 16 42.3
N35A	Tabor	23.88 79	IAMS_20	IAMS_20	07 17 39.2
CHIR	Chirikof Islan	23.89 319	IAMS_20	IAMS_20	07 14 08.3
CHIR	Chirikof Islan	23.89 319	P	P	07 07 48.1 +0.6
Q20K	Shuyak Island	23.89 327	P	P	07 07 48.8 +1.2
BCAR	Beaver Creek A	23.93 344	P	P	07 07 48.5 +0.5
L27K	Beaver Creek A	23.93 344	P	P	07 07 48.4 +0.4
L27K	Beaver Creek A	23.93 344	P	P	07 07 49.3 +1.3
BRSE	Bradley Lake S	23.96 330	P	P	07 07 49.1 +0.8
CNPM	China Poot	24.01 329	Iamb	Iamb	07 07 49.0 +0.3
CNPM	China Poot	24.01 329	Iamb	Iamb	07 07 56.9
CNPM	China Poot	24.01 329	IAMS_20	IAMS_20	07 14 33.0
BRLK	Bradley Lake	24.03 330	P	P	07 07 49.5 +0.6
BRLK	Bradley Lake	24.03 330	Iamb	Iamb	07 07 51.2
BRLK	Bradley Lake	24.03 330	IAMS_20	IAMS_20	07 14 31.6
X34A	Smith Ranch, M	24.03 95	Iamb	Iamb	07 07 49.3 +0.2
X34A	Smith Ranch, M	24.03 95	Iamb	Iamb	07 08 00.4
OK048	Pawnee Station	24.04 91	IAMS_20	IAMS_20	07 18 09.9
O22K	Cooper Landing	24.10 332	Iamb	Iamb	07 08 03.3
O22K	Cooper Landing	24.10 332	P	P	07 07 50.1 +0.6
FNO	Franklin	24.11 94	Iamb	Iamb	07 07 48.4 -1.5
FNO	Franklin	24.11 94	Iamb	Iamb	07 08 08.1
HARP	HAARP	24.16 340	Iamb	Iamb	07 08 05.6
HARP	HAARP	24.16 340	P	P	07 07 51.6 +1.5
M24K	Tolsona, Glenn	24.20 338	P	P	07 07 52.2 +1.6
T35A	Sooner Cattle	24.20 89	IAMS_20	IAMS_20	07 18 04.2
L26K</					

Table with columns: MESJ, Name, RA, Dec, Mag, Type, and other details. Includes entries like Messejana, Zvkiv, Kasperke Hory, etc.

Table with columns: KURBB, Name, RA, Dec, Mag, Type, and other details. Includes entries like Kurchatov Arra, Galich'ya Gora, Terra Mystica, etc.

Table with columns: AB31, Name, RA, Dec, Mag, Type, and other details. Includes entries like Akbulak array, Muntele Rosu, Villa Florida, etc.

Code	Station Name	A°	AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
044A	Meyer Farm, Va	22.02	333	P	Iamb	Iamb	07	23	01.6	+0.6	
044A	comp=Z,19nm,1.0s										
HHAR	Hobbs	22.57	321	P	Iamb	P	07	23	06.8	0.0	
HHAR	comp=Z,12nm,1.2s										
833A	Chaparral WMA,	22.64	297	P	P	P	07	23	07.9	+0.6	
833A	comp=Z,8.2nm,0.9s										
HVND	Hondo	22.93	300	P	Iamb	P	07	23	10.9	+0.1	
HVND	comp=Z,8.1nm,1.0s										
R40A	Maddies Statio	23.07	327	Iamb	Iamb	Iamb	07	23	28.6		
R40A	comp=Z,1.9nm,1.2s										
BRDY	Grady	23.36	304	P	P	P	07	23	15.9	+0.7	
TUL3	Leonard	23.47	317	P	P	P	07	23	15.8	+0.4	
W35A	Tecumseh	23.73	315	Iamb	Iamb	Iamb	07	23	45.1		
W35A	comp=Z,1.7nm,1.2s										
P36A	Dawn	24.72	312	Iamb	Iamb	Iamb	07	23	30.1		
P36A	comp=Z,7.2nm,0.8s										
WMOK	Wichita Mounta	24.81	317	Iamb	Iamb	Iamb	07	23	37.5		
WMOK	comp=Z,4.7nm,1.1s										
OZNA	Ozona	24.91	302	Iamb	Iamb	Iamb	07	23	41.7		
OZNA	comp=Z,6.8nm,1.0s										
APMT	Aspermont	25.10	308	Iamb	Iamb	Iamb	07	23	46.5		
APMT	comp=Z,6.7nm,0.9s										
TXAR	Lajitas Array	25.26	296	P	P	P	07	23	43.2	-1.2	
TXAR	comp=Z,0.4nm,0.8s,baz=98,slo=9.0,SNR=7.1										
TXAR	Lajitas Array	25.26	296	P	P	P	07	23	45.0	+0.6	
CZSB	Cruzeiro do Su	27.50	172	P	LR	LR	07	23	54.1	+0.9	
CZSB	comp=Z,9.4nm,18.9s,baz=99,slo=40										
NNMO	Albuquerque	30.55	306	LR	LR	LR	07	23	14.3		
NNMO	comp=Z,2.8nm,0.9s,baz=19,slo=7.4,SNR=3.6										
ANNA	Nana	31.49	181	LR	LR	LR	07	24	28.3		
ANNA	comp=Z,8.0nm,18.4s,baz=318,slo=45										
EPL0	Experimental L	32.95	339	Iamb	Iamb	Iamb	07	24	42.3		
EPL0	comp=Z,4.5nm,0.8s										
ULM	Lac du Bonnet	34.18	338	P	P	P	07	24	51.8	-0.1	
ULM	comp=Z,2.9nm,0.7s,baz=146,slo=7.7,SNR=8.0										
ULM	Lac du Bonnet	34.18	338	Iamb	Iamb	Iamb	07	25	04.9		
ULM	comp=Z,3.9nm,1.0s										
SCHO	Schefferville	35.83	9	P	P	P	07	25	06.5	+0.5	
SCHO	comp=Z,2.8nm,0.9s,baz=19,slo=7.4,SNR=3.6										
SCHO	Schefferville	35.83	9	P	P	P	07	25	06.1	+0.1	
SCHO	comp=Z,2.8nm,0.9s										
PDAR	Pinedale Array	36.13	317	P	P	P	07	25	08.6	-0.5	
PDAR	comp=Z,0.5nm,0.7s										
PDAR	Pinedale Array	36.13	317	P	P	P	07	25	08.8	-0.3	
PDAR	comp=Z,0.5nm,0.7s										
LPAZ	La Paz	36.68	167	P	P	P	07	25	15.0	+0.7	
LPAZ	comp=Z,1.7nm,1.0s,baz=60,slo=10,SNR=3.6										
LPAZ	La Paz	36.68	167	P	P	P	07	25	14.7	+0.4	
LPAZ	comp=Z,6.2nm,1.2s										
MOOV	Moose Ponds	37.36	318	Iamb	Iamb	Iamb	07	25	37.1		
MOOV	comp=Z,4.6nm,0.9s										
ELK	Elko	39.13	311	P	P	P	07	25	35.7	+1.2	
ELK	comp=Z,0.7nm,0.6s,baz=130,slo=9.9,SNR=3.6										
ELK	Elko	39.13	311	P	P	P	07	25	35.5	+1.0	
ELK	comp=Z,0.7nm,0.6s										
MCMT	McKenzie Canyo	39.20	318	P	P	P	07	25	36.3	+1.2	
MCMT	comp=Z,0.7nm,0.6s										
FFC	Flin Flon	40.00	337	P	P	P	07	25	41.7	+0.5	
FFC	comp=Z,0.4nm,0.3s,baz=145,slo=27,SNR=1.2										
BDFB	Brasilia	44.88	139	P	P	P	07	26	21.8	+0.1	
BDFB	comp=Z,0.4nm,0.3s										
BDFB	Brasilia	44.88	139	P	P	P	07	26	21.6	+0.1	
BDFB	comp=Z,7.4nm,1.2s										
AC02	Maricunga	46.79	171	P	P	P	07	26	36.6	-0.3	
AC02	comp=Z,1.0nm,0.8s,baz=132,slo=8.9,SNR=2.7										
YKA	Yellowknife Ar	50.16	338	P	P	P	07	27	01.6	-0.4	
YKA	comp=Z,1.02nm,20.6s,baz=169,slo=38										
YKA	Yellowknife Ar	50.16	338	P	P	P	07	27	02.2	+0.3	
YKA	comp=Z,1.0nm,0.8s										
YKA	Yellowknife Wh	50.21	338	P	P	P	07	27	02.6	+0.3	
YKA	comp=Z,4.5nm,1.2s										
DLBC	Dease Lake	54.62	329	P	P	P	07	27	35.9	+0.7	
DLBC	comp=Z,2.1nm,0.7s,baz=88,slo=5.1,SNR=5.5										
DLBC	Dease Lake	54.62	329	P	P	P	07	27	35.9	+0.7	
DLBC	comp=Z,2.1nm,0.7s										
RES	Resolute Bay	55.91	354	LR	LR	LR	07	27	52.8		
RES	comp=Z,1.17nm,19.4s,baz=28,slo=37										
RPN	Rapa Iti	56.42	216	LR	LR	LR	07	28	22.5		
RPN	comp=Z,7.58nm,18.1s,baz=35,slo=32										
F31M	Tsigtchic	59.64	338	LR	LR	LR	07	28	11.1	+0.6	
F31M	comp=Z,1.75nm,19.8s,baz=57,slo=36										
INK	Inuvik	59.91	339	LR	LR	LR	07	28	11.1	+0.6	
INK	comp=Z,1.75nm,19.8s,baz=57,slo=36										
PLCA	Paso Flores	61.01	337	P	P	P	07	28	16.9	+1.1	
PLCA	comp=Z,2.5nm,0.8s,baz=322,slo=8.8,SNR=2.5										
F30M	Barrier River	60.43	338	P	P	P	07	28	16.6	+0.7	
F30M	comp=Z,2.5nm,0.9s										
C22M	Pine Creek	61.01	337	P	P	P	07	28	20.5	+0.6	
C22M	comp=Z,2.5nm,0.9s										
BCAR	Beaver Creek A	61.50	332	P	P	P	07	28	24.1	+1.1	
BCAR	comp=Z,2.5nm,0.9s										
L27K	Beaver Creek,	61.52	332	P	Iamb	Iamb	07	28	24.2	+0.8	
L27K	comp=Z,5.5nm,1.5s										
GLB	Gilgishan Butte	62.40	330	P	P	P	07	28	28.8	+1.4	
GLB	comp=Z,2.5nm,0.9s										
BMRM	Bremner River	62.40	329	P	P	P	07	28	30.5	+1.1	
BMRM	comp=Z,2.5nm,0.9s										
ILAR	Eielson Array	64.04	333	P	P	P	07	28	40.4	+0.3	
ILAR	comp=Z,0.2nm,0.8s,baz=235,slo=4.4,SNR=3.2										
ILAR	Eielson Array	64.04	333	P	P	P	07	28	40.4	+0.3	
ILAR	comp=Z,0.2nm,0.8s										
ILAR	Eielson Array	64.04	333	P	P	P	07	28	40.8	+0.6	
ILAR	comp=Z,0.2nm,0.8s										
ESDC	Sonsec Array	64.40	55	P	P	P	07	28	43.2	+0.2	
ESDC	comp=Z,0.6nm,0.9s,baz=202,slo=4.1,SNR=6.1										
ESDC	Sonsec Array	64.40	55	P	P	P	07	28	43.2	+0.2	
ESDC	comp=Z,0.6nm,0.9s										
ESDC	Eskdalemir Ar	64.54	37	P	P	P	07	28	44.3	+0.7	
ESDC	comp=Z,2.2nm,0.8s,baz=194,slo=28,SNR=3.7										
SPITS	Spitsbergen Ar	71.44	13	P	P	P	07	29	26.4	-0.3	
SPITS	comp=Z,4.8nm,0.9s,baz=194,slo=5.5,SNR=6.0										
NOA	NORSAR Array B	71.85	31	P	P	P	07	29	30.2	+0.7	
NOA	comp=Z,1.0nm,0.8s,baz=278,slo=6.1,SNR=3.4										
TORD	Torodi Ar. Bea	74.66	81	P	P	P	07	29	46.9	+0.1	
TORD	comp=Z,0.3nm,0.5s,baz=272,slo=6.1,SNR=2.8										
TORD	Torodi Ar. Bea	74.66	81	P	P	P	07	29	46.4	-0.4	
TORD	comp=Z,0.3nm,0.5s										
TORD	ARCES Array B	75.81	21	P	P	P	07	29	52.8	+0.3	
TORD	comp=Z,1.2nm,0.7s,baz=235,slo=5.4,SNR=4.1										
TORD	ARCES Array B	75.81	21	P	P	P	07	29	52.7	+0.2	
TORD	comp=Z,1.2nm,0.7s										
FINES	FINESS Array B	78.71	29	P	P	P	07	30	09.5	+0.7	
FINES	comp=Z,0.9nm,0.5s,baz=202,slo=4.1,SNR=6.1										
FINES	FINESS Array B	78.71	29	P	P	P	07	30	09.3	+0.4	
FINES	comp=Z,0.9nm,0.5s										
TIXI	Tiksi	87.25	352	LR	LR	LR	08				

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Kiev, Malin Array Be, Wattenberg, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Santiago de Cu, Las Mercedes, Rio Carpintero, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Holguin, Guantanamo Bay, Nuevo Mundo, etc.

SSNC 18 07:26:56.3±1.2, 19°73'N:76°45'W, h3km±3km, ML2.8, MW3.1, Presumed earthquake

SSNC 18 07:27:46.6±1.1, 19°60'N:76°32'W, h29km±27km, MD3.3, Presumed earthquake

HEL 18 07:31:10.2±0.1, 63°98'N:28°11'E, h0km, ML1.5, Suspected explosion

18D 10h

Table with 8 columns: Station Name, Azimuth, Azimuth Error, Phase ID, Op, Time, Res, Res Error. Includes stations like NEZ, KHEZ, NBEZ, QUZ, etc.

GCG 18 09:24:06.4 ± 1.7, 69N:93.43W, h36km, 999km, MD4.2, ML3.0, Presumed earthquake

MEX 18 09:24:07.6 ± 0.4, 14.83N:93.49W, h39km, 70km, MD3.8, Presumed earthquake

Main table for 18D 10h section, listing various seismic stations and their parameters.

ASRS 18 09:29:57.0 ± 1.6, 55.70N:86.21E, h0km, M2.9(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

Table for ASRS section, listing stations like H46RU, ZALV, ZALV, etc.

IDC 18 09:35:23.6 ± 3.8, 157.65S:173.54W, h0km, mb3.9/3, mbtmp3.9/4, ML4.2, M53.4/2, Error ellipse: s-maj=206.9km s-min=26.5km az=142.0, Tonga Islands

Table for IDC section, listing stations like AFI, MSFV, RAO, etc.

REN 18 09:45:55.1 ± 1.1, 38.14N:0.02:117.98W, 0.03, h12km, 7km, Error ellipse: s-maj=3.3km s-min=2.2km az=224.0

NEIC 18 09:45:55.38 ± 1.5N:117.94W, h1km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mr=0.18; Ms=1.58; Mw=1.77; Mo=0.61; Mv=1.07; Mz=0.05; Fault plane solution: M2:09000°/1014° NP1:0°/240.0000° 080.00000°, λ=15.00000°. NP2:033.00000°, 075.00000°, λ=170.00000°. Principal axes: T 2.0881, P1g3.0000°, Azm287.0000°. N/-0.0014, Plg27.0000°, Azm196.0000°

NEIC 18 09:45:55.1 ± 1.4, 38.16N:0.02:117.99W, 0.02, h11km, 7km, ML3.4/80, ML3.5/(REK), Mw3.5/10(SLM), Error ellipse: s-maj=3.4km s-min=0.8km az=215.0, Nevada

Table for NEIC section, listing stations like NV11, NV06, etc.

2020 MAY

Main table for 2020 MAY section, listing stations like TPH, TPN, etc.

JMA 18 09:49:40.5 ± 0.1, 26.8N:0.6:143.9E:0.5, h31km, MV3.5/8, NEAR CHICHUJIMA ISLAND, Bonin Islands region

Table for JMA section, listing stations like JHH2, CBJJ, etc.

IDC 18 09:52:43.3 ± 1.1, 11.765S:166.87E, h0km, mb3.9/5, mbtmp3.8/5, Error ellipse: s-maj=44.7km s-min=32.3km az=125.0

ISC 18 09:53:08.3 ± 1.2, 11.9S:0.3:166.5E:0.3, h200km, n6, 09080.8, mb3.4/5, Santa Cruz Islands

Table for ISC section, listing stations like WRA, ASAR, etc.

NEIC 18 09:59:36.7 ± 1.1, 30.59S:0.09:178.55W, 0.2, h104km, 8km, mb4.3/10, Error ellipse: s-maj=30.2km s-min=5.7km az=112.0

IDC 18 09:59:37.5 ± 2.4, 30.52S:178.86W, h98km, 33km, mb4.0/5, mbtmp4.3/5, Error ellipse: s-maj=36.3km s-min=26.0km az=28.0

ISC 18 09:59:29.2 ± 1.8, 31.22S:0.08:177.8W:0.3, h84km, 12km, n46, 0124/52, mb4.4/8, Kermadec Islands region

Table for ISC section, listing stations like GLKZ, RAO, etc.

1108

Main table for 1108 section, listing stations like HAZ, PUZ, etc.

TAP 18 10:07:30.2 ± 21.50N:121.05E, h29km, ML3.8, D

JMA 18 10:07:35.8 ± 0.2, 22.0N:0.7:121.1E, h1km, MV3.8/10, TAIWAN REGION

ISC 18 10:07:33.1 ± 1.9, 21.67N:0.09:121.12E:0.03, h19km, 53km, n42, 0192/62, 2C-1D, Taiwan region

Table for 1108 section, listing stations like TSEB, TWKBT, etc.

IDC 18 10:10:15.4 ± 1.2, 34.09N:25.76E, h0km, mb3.8/9, mbtmp3.7/14, ML3.2/5, M53.1/7, Error ellipse: s-maj=23.2km s-min=17.1km az=25.0

MLh2.8/6
ATH 18 10:22:6.34'44N;25'71E, h7km, 2km, ML2.7/4, Latitude
uncertainty: 3 km; Longitude uncertainty: 1 km
ISC 18 10:10:16.3;1.6,34'18N;0.06:25.76E;0.03,h3km,10km,
n36,e1525/44,mb3.8/8,MS3.3/4,Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the Crete earthquake.

IDC 18 10:28:05.2;8.34'06N;162.16E, h0km, mb3.4/2,
mbtmp3.3/5, ML2.9/2, MS2.7/1, Error ellipse:
s-maj=95.2km s-min=45.2km az=30.0, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the IDC event.

KRSC 18 10:26:10.4;1.0,55'00N;162.54E, h30km, 26km, M1.4,3
MOS 18 10:26:12.2;0.5,55'09N;162.49E, h37km, mb4.0/1, Error
ellipse: s-maj=10.3km s-min=5.1km az=65.5

IDC 18 10:26:16.3;2.7,55'40N;161.86E, h6km, 27km, mb3.2/7,
mbtmp3.5/8, ML2.5/1, MS2.5/5, Error ellipse: s-maj=41.5km
s-min=16.5km az=138.0

ISC 18 10:26:12.2;1.2,55'06N;0.03:162.49E;0.04,h27km,9km,
n83,e1544/15,mb3.5/7,2C, Near east coast of
Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the Kamchatka Peninsula event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the Bering and Srednnyy events.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the Koryakii and Koryakskii events.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the Koryakskii and Koryakskii events.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the Koryakskii and Koryakskii events.

JMA 18 10:27:46.7;0.3,32'6N;0.8:14'2E, h0km, MV3.6/32, E
OFF HACHIOJIMA ISLAND
ISC 18 10:27:46.9;1.1,32'26N;141.166E, h0km, mb3.7/7,
mbtmp3.7/9, ML3.1/2, Error ellipse: s-maj=33.5km
s-min=16.5km az=63.0

ISC 18 10:27:50.5;0.8,32'39N;105.141'98E;0.08,h39km,n25,
e238/30,mb3.5/7,Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the Honshu event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the WAKE ISLAND Hy 25.61 113 T event.

UPP 18 10:34:50.8;3.1,62'75N;28'05E, h0km, ML1.8, Presumed
earthquake
IDC 18 10:34:54.0;1.7,63'04N;28'03E, h0km, mbtmp3.1/2,
ML2.2/2, Error ellipse: s-maj=22.5km s-min=7.2km
az=105.0

HEL 18 10:34:54.1;1.0,1.63'13N;27'72E, h0km, ML1.9, Explosion
ISC 18 10:34:53.7;0.8,63'07N;0.02:27.80E;0.03,h0km,n41,
e1857/64, Finland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the UPP and HEL events.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the WAKE ISLAND Hy 25.61 113 T event.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the WAKE ISLAND Hy 25.61 113 T event.

18d 11h

Table with columns: I37NO, I37NO, 7.09 332, I, I, 11 18 40.0, HFS, I37NO, 7.34 253, Pn, Pn, 10 36 42.5 +0.5, HFS, I37NO, 2.0, 1nm, 0.3s, baz=65, slow=14, SNR=1.7, Sn, 10 38 04.0 -1.8, comp=Z, 0.5nm, 0.3s

CATAC 18 10:36:25.6:0.4, 20°N, 4°E, 7.7Wz=1, h15km, 2km, M3.8/6, mb4.3/3, MLV3.6/6, Error ellipse: s-maj=8.0km, s-min=3.1km, az=167.1, confirmed

SSNC 18 10:36:27.9:1.8, 19°17'N, 76°46'W, h2km, 6km, MD3.4, ML3.1, MW3.3, Presumed earthquake, JSN 18 10:36:29.8:0.9, 19°63'N, 76°37'W, h20km, 17km, MD4.0, Presumed earthquake

ISC 18 10:36:25.0:1.1, 19°17'N, 0°02', 74.9W, 0.02, h10km, 10km, n36, e1501/66, 1C-5D, Cuba region

Main table for 18d 11h section, listing station names, phase IDs, times, and residuals for various seismic events.

20 MAY

Table for 20 MAY section, listing station names, phase IDs, times, and residuals for various seismic events.

NOU 18 10:43:04.6, 21°33'S, 170°17'E, h0km, MLV3.8/10, Southeast of Loyalty Islands, Southeast of Loyalty Islands

Table for NOU 18 10:43:04.6 section, listing station names, phase IDs, times, and residuals.

DJA 18 11:04:50.5:0.3, 8°S, 2°E, 10°18'E, h10km, M4.9/38, mb6.3/4, mb5.1/10, MLV4.5/38, Mw(mb)6.0/4

NEIC 18 11:04:53.2:2.0, 8°19'S, 0°07', 108°16'E, 0.06, h64km, 5km, mb4.4/26, Error ellipse: s-maj=12.2km, s-min=6.6km, az=213.0

IDC 18 11:04:54.8:1.1, 8°16'S, 108°22'E, h90km, 10km, mb3.9/14, UGM mb1mp, 2/15, MS3.3/2, Error ellipse: s-maj=25.7km, s-min=11.1km, az=58.0

ISC 18 11:04:52.4:0.9, 8°27'S, 0°07', 108°13'E, 0.05, h66km, 9km, n112, e1924/105, mb4.3/26, 2C, Jawa

Table for ISC 18 11:04:52.4 section, listing station names, phase IDs, times, and residuals.

1110

Main table for 1110 section, listing station names, phase IDs, times, and residuals for various seismic events.

18d 11h

Table of astronomical observations for 18d 11h, listing objects like DBIC Dimboko, DBIC Dimboko, DBIC Dimboko, etc., with columns for object name, coordinates, and other data.

2020 MAY

Main table of astronomical observations for 2020 MAY, listing objects like MJAR Matsushiro Arr, MJAR Matsushiro Arr, MJAR BinXian, etc., with columns for object name, coordinates, and other data.

1112

Table of astronomical observations for 1112, listing objects like RCO1, KTH Kantihsna H, KTH, etc., with columns for object name, coordinates, and other data.

Table with columns: comp, station name, time, and other parameters. Includes stations like BOAV, ROSE, MG01, etc.

SSNC 18 11:46:40.3±1.5, 19.71N:76.46W, h1km, 9km, MD3.4, ML3.2, MW3.3, Presumed earthquake

JSN 18 11:46:41.7±0.9, 19.71N:76.45W, h30km, 20km, MD4.2, Presumed earthquake

ISC 18 11:46:39.0±1.3, 19.76N:0.003:76.49W±0.03, h1km, 3km, n23, r1545/41, 2C-2D, Cuba region

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CHIV, LMGC, YAR, etc.

MOS 18 11:48:05.0±0.9, 34.16N:25.47E, h12km, mb5, 1/64, MS4.2/17, Error ellipse: s-maj=5.0km s-min=2.9km az=77.1

GFZ 18 11:48:07.2, 34.10N:25.55E, h13km, MW4.8, Moment Tensor Solution... NEIC 18 11:48:07.5, 34.15N:25.53E, h10km, GCMT 18 11:48:08.0, 34.09N:0.01:25.52E:0.02, h20km, 1km, MW4.9/104, Moment Tensor Solution...

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ZKR, NPS, STIA, etc.

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ELL, BLBC, NAZL, AKUM, etc.

1115

Table with columns for station name, frequency, power, and status. Includes stations like PARRA Arraiolos, FINES FINESS Array B, and various other stations.

2020 MAY

Table with columns for station name, frequency, power, and status. Includes stations like ARCES ARCESS Array B, JETT Jettan, Norway, and various other stations.

18d 11h

Table with columns for station name, frequency, power, and status. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, and various other stations.

18d 11h

Table with columns for station code, name, coordinates, elevation, and various performance metrics. Includes stations like LZH, SCHO, CD2, RES, PZH, BT02, HHC, CHTO, SUR, CMAR, YAK, HAL, HILR, HIA, B62A, E62A, BJ2, ZE, HNS, HEH, G31M, F26K, G30M, D17K, F25K, BMAR, G29M, YKAW, YKA, YKA, F24K, F24K, KSR, KSR, SEY, C36M, C36M, A21K, QIZ, QIZ, QIZ.

2020 MAY

Table with columns for station code, name, coordinates, elevation, and various performance metrics. Includes stations like A22K, NJ2, BINY, B22K, A19K, SADO, C26K, B20K, D28M, C27K, MA2, MA2, MA2, MA2, C23K, C24K, D27M, B21K, B21K, D25K, D25K, INK, INK, INK, INK, D24K, E28M, E28M, C19K, C21K, E29M, D23K, USRK, C18K, C18K, D20K, D20K, TOLK, C17K, F31M, F31M, E27K, E27K, C16K, F30M, F30M, D19K, D19K, E21K, E25K, E25K, E20K, F28M, F28M, E46A, E23K, E23K, G31M, G31M, F26K, F26K, G30M, D17K, F25K, BMAR, G29M, YKAW, YKA, YKA, F24K, F24K, KSR, KSR, SEY, C36M, C36M, A21K, QIZ, QIZ, QIZ.

1116

Table with columns for station code, name, coordinates, elevation, and various performance metrics. Includes stations like G27K, G27K, G26K, G26K, E17K, F21K, F21K, CMC01, F20K, H31M, H31M, H29M, H29M, G25K, G22K, MYKOM, G24K, G24K, FYU, G23K, BTDF, H27K, H27K, F18K, F17K, G21K, I30M, I30M, GUA01, G19K, I29M, TNA, I27K, I28M, I28M, F15K, IMAR, H24K, G18K, H22K, F14K, H23K, PRP, I26K, H21K, G17K, J30M, H19K, FFC, FFC, H20K, EYMN, EYMN, G15K, J29N, J29N, POKR, I23K, H18K, I21K, MLY, H17K, COLA, COLA, COLA, COLA, IL31, IL31, ILAR, ILAR, ILAR, ILAR, ILAR, ANM, J25K, ULM, ULM, ULM, H16K, I20K, GCSA, K29M, K29M, GAMB, MAYO, NEA2.

YSS	baz=4.5	81.56	38	P	12 00 25.7 +1.3
YSS	Yuzhno-Sakhali			Iamb	12 00 28.5
YSS	comp=Z,19nm,0.9s	81.56	38	P	12 00 26.6 +2.2
YSS	Yuzhno-Sakhali	81.56	38	P	12 00 26.0 +1.6
YSS				eS	12 10 42.0 -1.5
YSS				pmax	
YSS	comp=Z,20nm,1.0s			pmax	pmax
YSS	comp=Z,100nm,3.2s			smax	smax
YSS	comp=N,100nm,3.2s			smax	smax
YSS	comp=E,100nm,3.6s			MLR	MLR
YSS	comp=N,200nm,18.0s			MLR	MLR
YSS	comp=E,200nm,18.0s			MLR	MLR
HDA	Harding Lake	81.65	357	Iamb	12 00 25.9
HDA	comp=Z,19nm,0.8s	81.65	357	P	12 00 24.7 +0.1
HDA	Harding Lake			P	12 00 27.7 +2.0
HDA	baz=6.3,SNR=20				
MMPY	Sheldon Lake	81.84	349	P	12 00 27.7 +2.0
SCRK	Sand Creek	81.91	355	Iamb	12 00 30.3
SCRK	Sand Creek	81.91	355	P	12 00 27.3 +1.2
J20K	Nowinta River	82.06	360	Iamb	12 00 31.5
J20K	Nowinta River	82.06	360	P	12 00 27.9 +1.1
BPAW	Bear Paw Mtn.	82.10	358	Iamb	12 00 28.1
BPAW	Bear Paw Mtn.	82.10	358	P	12 00 27.3 +0.3
K24K	Donnelly Dome	82.19	356	P	12 00 28.1 +0.6
RIDG	Independent Ri	82.20	356	P	12 00 28.4 +0.8
I17K	Unalakleet	82.22	3	P	12 00 28.4 +0.8
J19K	Poorman	82.24	1	Iamb	12 00 32.5
J19K	Poorman	82.24	1	P	12 00 28.9 +1.2
DOT	Dot Lake	82.24	355	Iamb	12 00 29.4
L29M	L29M	82.26	353	Iamb	12 00 30.1
L29M	L29M	82.26	353	P	12 00 28.8 +0.9
CHUM	Lake Minchumin	82.34	359	P	12 00 28.9 +0.7
SJMB	Sao Joao De Ma	82.38	241	eP	12 00 30.4 +1.3
MCK	McKinley	82.41	358	Iamb	12 00 32.6
MCK	McKinley	82.41	358	P	12 00 28.9 +0.3
M30M	Minto, Yukon	82.62	352	P	12 00 30.6 +0.8
KTH	Kantisha Hill	82.65	358	Iamb	12 00 34.3
BCAR	Beaver Creek A	82.65	354	P	12 00 31.0 +1.1
L27K	Beaver Creek	82.65	354	Iamb	12 00 32.3
L27K	Beaver Creek	82.65	354	P	12 00 31.4 +1.4
M31M	Drury Creek, Y	82.68	351	Iamb	12 00 35.3
M31M	Drury Creek, Y	82.68	351	P	12 00 31.3 +1.2
PMBI	Palebang	82.70	98	P	12 00 31.6 +0.7
TRF	Thorofore Moun	82.73	358	Iamb	12 00 34.4
TRF	Thorofore Moun	82.73	358	P	12 00 30.7 +0.2
J17K	VABM Dome	82.77	2	P	12 00 31.3 +0.8
L26K	Log Cabin Wild	82.81	355	Iamb	12 00 43.6
L26K	Log Cabin Wild	82.81	355	P	12 00 31.8 +1.1
J16K	Anvik River	82.83	3	Iamb	12 00 35.1
J16K	Anvik River	82.83	3	P	12 00 31.8 +1.0
KOTAN	Kotanele Air	82.84	345	P	12 00 31.5 +0.6
K20K	Telida	82.88	360	Iamb	12 00 33.0
K20K	Telida	82.88	360	P	12 00 31.7 +0.6
MENT	Mentasta	82.92	355	Iamb	12 00 42.2
MENT	Mentasta	82.92	355	P	12 00 33.0 +1.7
M29M	Somme Creek	82.94	353	P	12 00 32.7 +1.2
DHY	Denali Highway	83.00	357	P	12 00 32.3 +0.4
PAX	Paxson	83.00	356	P	12 00 32.1 +0.3
JUNU	Naktsue	83.13	55	LR	12 42 02.7
BVCY	Beaver Creek	83.21	354	P	12 00 34.1 +1.3
J14K	Nanvaranak Lak	83.21	4	P	12 00 33.9 +1.2
PPLA	Purkeypile	83.33	359	P	12 00 33.8 +0.2
M27K	Edge Creek, AK	83.35	354	Iamb	12 00 38.9
M27K	Edge Creek, AK	83.35	354	P	12 00 34.8 +1.1
PPBI	Pangkal Pinang	83.39	97	P	12 00 35.7 +1.2
M26K	Nabesna, AK	83.40	355	Iamb	12 00 46.8
M26K	Nabesna, AK	83.40	355	P	12 00 34.6 +0.7
K17K	Iditarod	83.48	2	P	12 00 35.0 +0.9
N32M	Quiet Lake	83.51	350	P	12 00 35.3 +0.8
WAT6	Susitna Watana	83.51	357	P	12 00 35.0 +0.4
HARP	HAARP	83.55	356	P	12 00 34.9 +0.3
N31M	Braeburn, Yuko	83.56	351	Iamb	12 00 55.0
N31M	Braeburn, Yuko	83.56	351	P	12 00 35.3 +0.7
LKSI	Petersville	83.67	100	P	12 00 37.3 +1.4
L22K	Petersville	83.67	358	P	12 00 35.9 +0.7
PETK	Petropavlovsk-	83.71	27	P	12 00 34.7 -0.8
PETK	Petropavlovsk-	83.71	27	LR	12 41 11.3
PETK	Petropavlovsk-	83.71	27	P	12 00 34.4 -1.1
PETK	Petropavlovsk-	83.71	27	P	12 00 34.4 -1.1
N30M	Aishikik Lake	83.75	352	P	12 00 36.3 +0.7
K15K	Wolf Creek Mou	83.78	3	P	12 00 36.7 +1.0
CUT	Chulitna	83.78	358	P	12 00 36.2 +0.5
YUK3	Moose Creek	83.80	353	P	12 00 37.1 +0.9
M24K	Tolsona, Glenn	83.91	356	P	12 00 37.2 +0.7
LIRD	Liard River Hi	83.92	346	P	12 00 37.6 +1.1
K13K	Kusilivak Mount	83.95	5	P	12 00 37.0 +0.4
L18K	Granite Mounta	84.01	1	P	12 00 37.7 +0.9
YUK4	Talbot Arm	84.03	352	P	12 00 37.2 -0.1
BRWY	Burwash Landin	84.05	353	P	12 00 38.2 +1.0
L17K	Donlin, SNR=6	84.06	2	P	12 00 37.7 +0.5
L19K	White Mountain	84.06	0	Iamb	12 00 39.3

L19K	White Mountain	84.06	0	P	12 00 37.9 +0.7
T50A	Nancy	84.10	311	Iamb	12 00 52.5
YUK8	Steele Glacier	84.21	353	P	12 00 38.7 +0.4
WHY	Whitehorse	84.24	350	Iamb	12 00 58.6
WHY	Whitehorse	84.24	350	P	12 00 38.5 +0.2
SKT	Skwentna	84.24	359	Iamb	12 00 39.6
SKT	Skwentna	84.24	359	P	12 00 37.9 -0.2
SCM	Sheep Creek Mo	84.24	357	P	12 00 38.9 +0.8
TKL	Tuckaleechee C	84.27	309	LR	12 38 58.2
O30N	Mendenhall	84.29	351	Iamb	12 00 50.7
O30N	Mendenhall	84.29	351	P	12 00 38.9 +0.5
M23K	Glacier View	84.30	357	P	12 00 39.1 +0.7
SML	Sawmill	84.31	357	Iamb	12 00 53.0
SML	Sawmill	84.31	357	P	12 00 38.9 +0.4
M20K	Styx River	84.36	359	P	12 00 39.4 +0.6
P33M	Teslin, Yukon	84.37	349	Iamb	12 00 41.5
P33M	Teslin, Yukon	84.37	349	P	12 00 39.5 +0.6
L15K	Ungalak Mounta	84.40	3	P	12 00 39.9 +1.1
YUK6	Outpost Mounta	84.40	352	P	12 00 39.8 +0.6
MCARA	McCarthy VSAT	84.41	355	P	12 00 40.0 +1.0
HYT	Haines Junction	84.41	352	Iamb	12 00 41.6
HYT	Haines Junction	84.41	352	P	12 00 40.6 +1.5
M22K	Willow	84.43	358	P	12 00 39.7 +0.7
L16K	Ohwat River	84.45	2	P	12 00 40.0 +0.9
KLU	Klutina	84.50	356	P	12 00 40.2 +0.7
PMR	Palmer	84.56	357	Iamb	12 00 41.4
PMR	Palmer	84.56	357	P	12 00 40.9 +1.3
PMR	Palmer	84.56	357	P	12 00 40.3 +0.7
BARN	Barnard Glacie	84.61	354	Iamb	12 00 44.4
L14K	Kuka Creek	84.67	4	P	12 00 40.8 +0.6
KNK	Knik Glacier	84.71	357	P	12 00 41.4 +0.9
STLK	Strandline Lak	84.72	359	Iamb	12 00 41.4
M18K	Stacy River	84.75	1	P	12 00 41.5 +0.9
O28M	Mount Upton	84.76	353	Iamb	12 00 46.4
O28M	Mount Upton	84.76	353	P	12 00 41.9 +0.8
M17K	Hollitna River	84.81	1	Iamb	12 00 43.4
M17K	Hollitna River	84.81	1	P	12 00 42.2 +1.2
R33M	Jennings River	84.84	348	P	12 00 42.5 +1.2
BMRM	Bremner River	84.94	355	P	12 00 42.3 +0.6
P30M	Million Dollar	85.03	351	P	12 00 43.0 +0.8
SPCR	Spurr Chakacha	85.03	359	P	12 00 43.1 +1.0
CROE	Croft	85.04	354	P	12 00 43.0 +0.7
O29M	Mount Kennedy	85.05	352	P	12 00 42.8 +0.4
RC01	Rail Creek A	85.08	358	P	12 00 43.0 +0.7
P32M	Atlin	85.10	350	Iamb	12 00 46.6
P32M	Atlin	85.10	350	P	12 00 43.0 +0.5
M16K	Timber Creek	85.15	2	P	12 00 43.4 +0.7
GLI	Glacier Island	85.18	356	P	12 00 42.9 +0.1
M14K	Bethel	85.30	4	P	12 00 44.0 +0.6
M11K	Mekoryuk	85.37	6	P	12 00 44.7 +1.0
DUB01	Friburg-RJ	85.39	240	eP	12 00 46.4 +1.9
M15K	Kasigluk River	85.42	3	P	12 00 44.8 +0.8
PINM	Pinnacle	85.43	353	P	12 00 44.9 +0.7
EYAK	Cordova Ski Ar	85.43	356	P	12 00 44.8 +0.7
N19K	Bonanza Creek	85.44	0	P	12 00 44.8 +0.6
SKAG	Skagway	85.45	350	P	12 00 45.2 +1.0
Q32M	Nakina River	85.47	349	P	12 00 45.4 +0.9
MESA	MESA	85.51	354	P	12 00 45.9 +1.2
T47A	Sharon Grove	85.53	312	Iamb	12 00 58.7
M13K	Dall Lake	85.55	4	P	12 00 46.6 +1.9
N18K	Klasc Creek	85.56	1	P	12 00 46.0 +1.3
DLBC	Dease Lake	85.58	347	LR	12 42 35.3
DLBC	Dease Lake	85.58	347	P	12 00 46.8 +1.8
PLBC	Pleasant Camp	85.60	351	P	12 00 44.9 -0.1
P29M	Windy Craggy	85.60	352	Iamb	12 00 49.0
P29M	Windy Craggy	85.60	352	P	12 00 45.2 +0.2
CLTN	Cedars of Leba	85.62	311	Iamb	12 00 50.2
BDFB	Brasilia	85.62	248	P	12 00 46.6 +0.7
BDFB	Brasilia	85.62	248	LR	12 41 39.1
BDFB	Brasilia	85.62	248	Iamb	12 00 45.7 -0.1
BDFB	Brasilia	85.62	248	P	12 00 49.0
BDFB	Brasilia	85.62	248	pmax	pmax
BDFB	Brasilia	85.62	248	pmax	pmax
SLKM	Skliak Lake	85.68	358	P	12 00 45.8 +0.4
O22K	Cooper Landing	85.69	358	P	12 00 45.8 +0.5
N17K	Nushagak Hills	85.70	1	P	12 00 45.9 +0.5
N16K	Nishik Lake	85.71	2	P	12 00 46.0 +0.5
MJB9	Matsu-Tunnel	85.78	48	Iamb	12 00 51.2
MAJO	Matsushiro	85.78	48	Iamb	12 00 47.0 +0.7
MAJO	Matsushiro	85.78	48	P	12 00 50.2
MAJO	Matsushiro	85.78	48	P	12 00 47.6 +1.3
MAJO	Matsushiro	85.78	48	pmax	pmax
MAJO	Matsushiro	85.78	48	pmax	pmax
MJAR	Matsushiro Arr	85.78	48	P	12 00 46.8 +0.5
MJAR	Matsushiro Arr	85.78	48	LR	12 42 55.9
MJAR	Matsushiro Arr	85.78	48	Iamb	12 00 46.7 +0.4
MJAR	Matsushiro Arr	85.78	48	Iamb	12 00 48.6
MJAR	Matsushiro Arr	85.78	48	P	12 00 46.7 +0.4

18d 12h

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, QSPA South Pole Qui, etc.

WEL 18 11:52:29.0+0.6, 39°S, 176°E, h4km, 4km, M1, 7/10, ML1.9/14, MLV1.7/10, Error ellipse: s-maj=4.3km s-min=3.3km az=108.9, North Island

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like POIZ Poihipi, WHITZ Whakapou, TPSS Taupo Police S, etc.

IDC 18 12:04:32.7-0.8, 17°56'N, 145°54'E, h478km, 9km, mb3, 3/26, mbmp4.5/31, Error ellipse: s-maj=14.1km s-min=7.8km az=80.0

NEIC 18 12:04:33.9+1.6, 17°61'N, 0°09:145°5E, 0.1, h478km, 7km, mb4.5/329, Error ellipse: s-maj=15.9km s-min=13.0km az=99.0

ISC 18 12:04:33.7-0.6, 17°54'N, 0°04:145°47E, 0.07, h486km, 7km, n566, e0973/454, mb4.5/184, 2C, Mariana Islands

Main table for 18d 12h section with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like GUMO Guam, JGU Guam, JCU Guam, etc.

2020 MAY

Main table for 2020 MAY section with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like HHC Hu-ho-hao-te, CTAO Charters Tower, PLAI Plampang, etc.

1118

Main table for 1118 section with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like R17L Mt. Peulik Vol, H16K Elim, J16K Anvik River, etc.

BRLL	comp=Z,20nm,0.8s	I	Amb	I	Amb	12	14	04.3	
BRSE	Bradley Lake S baz=256	61.86	31	P	P		12	14 04.1 -0.6	
CAPN	Capota Cook N baz=255	61.92	30	P	P		12	14 04.5 -0.3	
KURK	Kurchatov	61.99	319				12	14 05.5 -0.1	
KURK				I	Amb	I	Amb	12	14 06.6
F20K	Avarant Lake baz=248	62.01	22	P	P		12	14 06.2 +0.8	
PPLA	Purkeypile	62.03	27	P	P		12	14 06.0 +0.1	
PPLA	Purkeypile baz=253,SNR=5.3	62.03	27	P	P		12	14 06.2 +0.4	
KURBB	Kurchatov Arra comp=Z,16nm,0.6s,baz=97,slow=7.4,SNR=164	62.03	318	P	P		12	14 05.8 -0.1	
SKT	Skwentna	62.06	28	P	P		12	14 05.5 -0.4	
SKT				I	Amb	I	Amb	12	14 06.1
SKT	Skwentna comp=Z,15nm,1.1s	62.06	28	P	P		12	14 05.3 -0.6	
CHUM	Lake Minchum baz=254,SNR=9.8	62.27	26	P	P		12	14 06.8 -0.3	
SLKM	Skilak Lake	62.30	30				12	14 06.9 -0.5	
SLKM				I	Amb	I	Amb	12	14 08.0
E20K	comp=Z,12nm,0.8s	62.33	21	P	P		12	14 08.1 +0.5	
E20K	Nigu River baz=246	62.33	21	P	P		12	14 08.1 +0.5	
IMAR	Indian Mountai	62.37	24	P	P		12	14 07.8 0.0	
D20K	Etiulik River	62.37	20	P	P		12	14 08.4 +0.6	
D20K	Etiulik River	62.37	20	P	P		12	14 08.3 +0.5	
O22K	Cooper Landing baz=246,SNR=47	62.53	30	P	P		12	14 08.7 -0.2	
L22K	Petersville baz=257	62.55	28	P	P		12	14 08.4 -0.7	
SEW	Seward	62.58	31	P	P		12	14 09.5 +0.3	
SEW				I	Amb	I	Amb	12	14 11.9
SEW	comp=Z,31nm,1.3s	62.58	31	P	P		12	14 09.2 0.0	
SEW	Seward baz=257	62.58	31	P	P		12	14 09.2 0.0	
NRIK	Noril'sk	62.62	340				12	14 09.1 -0.3	
NRIK	comp=Z,8.2nm,0.7s,baz=114,slow=9.0,SNR=11	62.62	340				12	14 09.1 -0.3	
NRIK	Noril'sk	62.62	340				12	14 09.2 -0.1	
NRIK				I	Amb	I	Amb	12	14 09.8
H21K	Melozitna Rive comp=Z,7.7nm,0.7s	62.62	24	I	Amb	I	Amb	12	14 10.9
H21K	Melozitna Rive comp=Z,10nm,0.7s	62.62	24	P	P		12	14 10.1 +0.6	
G21K	Allakak baz=250,SNR=6.3	62.64	23	P	P		12	14 09.9 +0.3	
R22K	Willow baz=256,SNR=11	62.65	29	P	P		12	14 09.0 -0.6	
M20K	Rabbit Creek A baz=256,SNR=5.6	62.67	30	P	P		12	14 09.4 -0.5	
B20K	Meade River baz=249	62.73	19	P	P		12	14 10.6 +0.6	
KTH	Kantishna Hill comp=Z,17nm,1.1s	62.77	27	I	Amb	I	Amb	12	14 11.7
I21K	Tanana baz=252	62.80	25	P	P		12	14 11.3 +0.7	
BPAW	Bear Paw Mtn. comp=Z,13nm,0.9s	62.89	26	I	Amb	I	Amb	12	14 12.2
BPAW	Bear Paw Mtn. baz=254,SNR=6.3	62.89	26	P	P		12	14 11.4 +0.2	
F21K	Alatina River baz=250,SNR=6.4	62.89	23	P	P		12	14 11.4 +0.2	
URZ	Urewera	62.95	152	P	P		12	14 12.4 +0.5	
TRF	Thorofare Moun baz=255,SNR=6.2	63.01	27	P	P		12	14 11.7 -0.5	
PMR	Palmer	63.07	29	P	P		12	14 11.8 -0.6	
PMR				I	Amb	I	Amb	12	14 12.5
PMR	comp=Z,13nm,0.7s	63.07	29	P	P		12	14 12.3 -0.1	
PMR	Palmer baz=252,SNR=11	63.07	29	P	P		12	14 11.8 -0.6	
C21K	Crikleblade Rid baz=247,SNR=10	63.15	20	P	P		12	14 13.5 +0.7	
E21K	Killik River baz=249	63.16	21	P	P		12	14 13.3 +0.4	
GHO	Glory Hole Cre comp=Z,16nm,0.8s	63.21	29	I	Amb	I	Amb	12	14 13.8
H22K	Ishlatitna Cre baz=252	63.26	24	P	P		12	14 13.9 +0.3	
MLY	Manley Creek baz=253	63.26	25	P	P		12	14 14.0 +0.4	
KNK	Knik Glacier comp=Z,20nm,0.8s	63.34	29	I	Amb	I	Amb	12	14 14.9
KNK	Knik Glacier baz=257,SNR=6.8	63.34	29	P	P		12	14 14.0 -0.2	
B21K	Ikpikpuk River comp=Z,14nm,0.7s	63.38	20	I	Amb	I	Amb	12	14 15.5
B21K	Ikpikpuk River baz=247	63.38	20	P	P		12	14 14.8 +0.5	
A21K	Barrow baz=245	63.46	18	P	P		12	14 15.4 +0.6	
F22K	John River baz=245	63.47	22	P	P		12	14 15.8 +0.9	
SML	Sawmill baz=257,SNR=16	63.49	29	P	P		12	14 14.8 -0.4	
G22K	Bettles baz=252	63.52	23	P	P		12	14 15.4 +0.2	
WAT1	Susitna Watana baz=257	63.62	28	P	P		12	14 15.4 -0.6	
RND	Reindeer comp=Z,7.6nm,0.6s	63.67	27	P	P		12	14 16.3	
MCK	McKinley baz=256	63.67	27	P	P		12	14 15.5 -0.7	
M23K	Glacier View baz=258,SNR=6.3	63.77	29	P	P		12	14 16.7 -0.2	
A22K	Sinclair Lake baz=249	63.82	18	P	P		12	14 17.7 +0.7	
NEA2	Nenana baz=255,SNR=8.5	63.83	26	P	P		12	14 17.0 -0.2	
I23K	Minto, Yukon-K baz=255,SNR=7	63.85	25	P	P		12	14 17.5 +0.1	
GLI	Glacier Island baz=259	63.88	30	P	P		12	14 17.5 -0.2	
WAT6	Susitna Watana baz=257,SNR=14	63.93	28	P	P		12	14 17.7 -0.5	
H23K	Yukon River baz=254	63.96	25	P	P		12	14 18.6 +0.5	
SCM	Sheep Creek Mo baz=258,SNR=11	63.96	29	P	P		12	14 18.4 +0.1	
G23K	Bananza Creek comp=Z,11nm,0.7s	64.02	24	I	Amb	I	Amb	12	14 20.0
G23K	Bananza Creek baz=253,SNR=11	64.02	24	P	P		12	14 19.1 +0.6	
B22K	Teshkepuk Lake baz=249,SNR=36	64.04	19	P	P		12	14 18.9 +0.4	
DHY	Denali Highway baz=258,SNR=6.8	64.20	28	P	P		12	14 19.9 +0.1	
WRH	Wood River Hill comp=Z,8.8nm,0.7s	64.21	26	I	Amb	I	Amb	12	14 19.6
CCB	Clear Creek Bu comp=Z,5.0nm,0.4s	64.37	26	I	Amb	I	Amb	12	14 20.8
COLA	COLA College	64.40	26	P	P		12	14 20.4 -0.4	
COLA				I	Amb	I	Amb	12	14 22.8
COLA	College comp=Z,8.3nm,0.7s	64.40	26	P	P		12	14 21.6 +0.8	
COLA	College	64.40	26	P	P		12	14 21.2 +0.4	
D23K	Nanushuk River baz=252	64.47	21	P	P		12	14 22.2 +1.0	
EYAK	Cordova Ski Ar baz=260	64.47	31	P	P		12	14 22.0 +0.6	
EYAK	Cordova Ski Ar comp=Z,19nm,0.9s	64.47	31	P	P		12	14 21.9 +0.5	
M24K	Tolsona, Glenn comp=Z,19nm,0.9s	64.55	29	I	Amb	I	Amb	12	14 23.3
M24K	Tolsona, Glenn baz=259	64.55	29	P	P		12	14 22.4 +0.4	
KLU	Klutina comp=Z,14nm,0.8s	64.55	30	I	Amb	I	Amb	12	14 23.2
KLU	Klutina baz=260,SNR=11	64.55	30	P	P		12	14 22.4 +0.4	
DIV	Divide comp=Z,12nm,0.8s	64.56	30	I	Amb	I	Amb	12	14 24.3
E23K	Chandler	64.56	22	P	P		12	14 23.0 +1.1	
H24K	Noodor Dome baz=256	64.63	25	P	P		12	14 22.7 +0.3	
POKR	Poker Plat Res baz=256	64.63	26	P	P		12	14 22.4 +0.1	
HDA	Harding Lake comp=Z,9.0nm,0.8s	64.68	26	I	Amb	I	Amb	12	14 22.2

HDA	Harding Lake baz=257,SNR=9.9	64.68	26	P	P		12	14 21.5 -1.2	
TOLK	Toolik Lake Re baz=263,SNR=20	64.75	22	P	P		12	14 24.0 +0.9	
C23K	Hiki River baz=251,SNR=36	64.77	20	P	P		12	14 23.9 +0.8	
IL31	comp=Z,15nm,1.1s	64.78	26	I	Amb	I	Amb	12	14 22.6
ILAR	Eielson Array comp=Z,6.9nm,0.4s,baz=250,slow=5.9,SNR=227	64.78	26	P	P		12	14 21.9 -1.4	
ILAR	Eielson Array comp=Z,6.9nm,0.4s	64.78	26	P	P		12	14 22.0 -1.3	
E24K	Your Creek	64.97	22	P	P		12	14 25.3 +0.8	
G24K	Hadweenzic Riv G24K	65.00	24				12	14 25.3 +0.6	
G24K	comp=Z,9.3nm,0.7s	65.00	24	P	P		12	14 25.3 +0.6	
G24K	Hadweenzic Riv comp=Z,9.3nm,0.7s	65.00	24	P	P		12	14 25.3 +0.6	
KAIM	Kayak Island baz=262	65.03	31	P	P		12	14 25.3 +0.4	
PAX	Paxson comp=Z,9.0nm,0.7s	65.03	28	I	Amb	I	Amb	12	14 25.8
PAX	Paxson	65.03	28	P	P		12	14 25.0 -0.1	
F24K	Squaw Lake comp=Z,12nm,0.9s	65.05	23	I	Amb	I	Amb	12	14 26.8
F24K	Squaw Lake baz=255,SNR=19	65.05	23	P	P		12	14 25.8 +0.9	
K24K	Donnelly Dome comp=Z,11nm,0.6s	65.05	27	I	Amb	I	Amb	12	14 25.5
K24K	Donnelly Dome baz=258,SNR=8.0	65.05	27	P	P		12	14 25.4 +0.3	
HARP	HAARP baz=260,SNR=7.3	65.07	29	P	P		12	14 25.6 +0.4	
BMRM	Bremner River comp=Z,9.5nm,0.8s	65.09	30	I	Amb	I	Amb	12	14 27.3
BMRM	Bremner River baz=261,SNR=9.5	65.09	30	P	P		12	14 25.7 +0.3	
D24K	Happy Valley baz=252	65.16	21	P	P		12	14 26.8 +1.2	
C24K	Franklin Bluff baz=253	65.36	20	P	P		12	14 27.6 +0.8	
J25K	Salcha River baz=259,SNR=16	65.39	26	P	P		12	14 26.3 -0.9	
RIDG	Independent Ri comp=Z,14nm,0.6s	65.45	27	I	Amb	I	Amb	12	14 28.2
RIDG	Independent Ri baz=260,SNR=15	65.45	27	P	P		12	14 27.4 -0.2	
PRP	Porcupine Dome baz=258	65.50	25	P	P		12	14 27.7 -0.3	
G25K	Bearman Lake baz=257,SNR=5.2	65.54	24	P	P		12	14 28.8 +0.8	
GLB	Gilahina Butt comp=Z,9.1nm,1.2s	65.55	30	I	Amb	I	Amb	12	14 29.4
VRDI	Verde Repeater comp=Z,11nm,0.8s	65.69	30	I	Amb	I	Amb	12	14 30.2
CRQE	Cirque comp=Z,8.5nm,0.7s	65.80	31	P	P		12	14 30.1 +0.2	
SCRK	Sand Creek comp=Z,13nm,1.1s	65.86	27	I	Amb	I	Amb	12	14 30.8
SCRK	Sand Creek baz=260,SNR=16	65.86	27	P	P		12	14 30.1 -0.2	
F25K	Christian River comp=Z,14nm,0.8s	65.90	23	I	Amb	I	Amb	12	14 32.2
F25K	Christian River baz=257,SNR=28	65.90	23	P	P		12	14 31.4 +1.0	
MCARA	McCarthy VSAT comp=Z,16nm,0.8s	65.91	30	I	Amb	I	Amb	12	14 32

18d 12h

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like KBS Kingsbay, MO3C McCloud, B00A Colville Reser, etc.

2020 MAY

Table with columns: Code, Station Name, Azimuth, Phase, and other technical details. Includes stations like ZKR Zakros, ZKR Zakros, ZKR Zakros, etc.

1120

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes stations like STAL STALIGAL, CTI Castel Tesino, ABTA Alfabtersbach, etc.

18d 12h: 10.12.6.0.7, 34.15N:25.64E, h0km, mb4.0/17, mbmp4.0/27, ML3.7/9, MS3.4/2, Error ellipse: s-maj=14.6km s-min=11.2km az=27.0 ISK 18 12:10:12.7, 34.15N:25.59E, h5km, ML3.7/14

Table with columns: RND, Reinder, comp, N, 100nm, 0.5s, 5.12, 28, IAML, 12, 42, 39.9, etc. Lists various stations and their parameters.

Table with columns: MCMT, McKenzie Canyon, 2867, 101, P, P, 12, 46, 11.8, +0.9, etc. Lists stations like Bear Canyon, Fort Churchhill, Eagle Creek, etc.

Table with columns: TPNV, comp, E, 114nm, 0.5s, IAML, 13, 04, 13.6, etc. Lists stations like Laurel Mt Rad, South Pole Qui, etc.

13:43:46.4±1.4, 15.775S:71.737W, h130km, mb3.4/5, mbtmp3.9/8, Error ellipse: s-maj=23.1km s-min=12.3km az=27.0

ISC 18 13:47:6.0±0.8, 15.75S:101.7165W±0.09, h150km, n9, c2313/11, mb3.4/4, Southern Peru

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Lists stations like LA Paz, NNA, NNA, SIV, etc.

13:48:00.2±0.5, 27.15N:103.25E, h0km, mb4.8/30, mbtmp4.8/31, ML5.1/1, MS4.5/74, Error ellipse: s-maj=15.3km s-min=11.2km az=55.0

BUI 18 13:48:02.0, 27.20N:103.16E, h8km, mb5.1/30, mb5.0/62, ML5.1/19, MS5.0/78, Ms7.4/9/84

MOS 18 13:48:02.4±1.0, 27.22N:103.27E, h21km, mb5.2/77, MS4.8/20, Error ellipse: s-maj=5.8km s-min=3.7km az=118.5

GCMT 18 13:48:03.2±0.1, 27.21N:103.23E±0.01, h19km, MM5.1/126, Moment Tensor Solution, s75.c103, s126.c203; Duration: 0 Moment tensor: Scale 1016Nm; Mn=2.02±.13; Mw=2.01±.11; Mo=0.1±.12; Ms=0.8±.21; Mw=5.52±.09; Mo=0.62±.21; Best double couple: Ms=7.9700×1016 Np1.3533.00000, s75.00000, λ=13.00000°, NP2=87.00000, s78.00000, λ=165.00000°, Principal axes: T=6.6310, Plg2.0000, Azm220.0000°, N=-1.6620, Plg70.0000°, Azm124.0000°; P=-4.9640, Plg19.0000°, Azm310.0000°, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 18 13:48:03.2, 27.28N:103.28E, h10km, NEIC 18 13:48:03.2±1.6, 27.27N:106.10E, h10km, mb3.4/328, MMw5.1/18, Error ellipse: s-maj=11.2km s-min=10.3km az=96.0

NEIC 18 13:48:07.27±28N:103.28E, h12km, Moment Tensor Solution, Duration: 1s7 Moment tensor: Scale 1016Nm; Mn=3.58; Mw=2.79; Mo=2.96; Ms=2.16; Mw=1.27; Fault plane solution: Ms=0.06000×1016 Np1.0326.23000, s37.90000, λ=44.65000°, NP2=94.16000°, s64.42000°, λ=118.98000°, Principal axes: T=4.6487, Plg15.0000°, Azm205.0000°, N=0.7481, Plg26.0000°, Azm108.0000°, P=-5.3687, Plg60.0000°, Azm321.0000°; BKK 18 13:48:16.3±1.1, 27.12N:6.6×103E, h15km, gkm, M4.8/4, MLv4.8/4

ISC 18 13:48:02.6±0.4, 27.23N:103.03326E±0.03, h10km, mb2km, h10km; PP-P, n1023, c1933/906, mb5.2/303, MS4.6/106, 50C-35D, Yunnan

SSNC 18 12:41:02.3±1.2, 19.81N:76.47W, h3km, MD1.7, ML0.6, Presumed earthquake, Cuba region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Lists stations like CHIV, LMG, YAR, etc.

18 12:45:16.7±1.7, 33.98N:26.38E, h0km, mb3.2/4, mbtmp3.2/4, Error ellipse: s-maj=70.1km s-min=25.7km az=155.0, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Lists stations like ESDC, TOR, KURBB, MKAR, etc.

REN 18 13:02:44.1±0.6, 38.19N:102.11775W±0.02, h8km, gkm, Error ellipse: s-maj=3.1km s-min=1.7km az=212.0

NEIC 18 13:02:44.0±0.8, 38.21N:102.11774W±0.04, h9km, gkm, ML2.9/32, ML3.0/8(REN), Error ellipse: s-maj=5.2km s-min=1.4km az=56.0, Nevada

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Lists stations like NV11, TPH, NV06, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Lists stations like PZH, KMI2, GYA, CD2, TNCH, ENH, GULI, XAN, CNSH, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like AK02 Malin Array Si, AK05 Malin Array Si, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BOVS Bovan, C17K DeLong Mountain, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like E19K Redstone River, E19K Redstone River, etc.

18d 14h

Table with columns: Code, Station Name, Az, El, P, I, A, M, B, Time, Res. Includes stations like GOLH Golhisar, APMY Acipayam-Deniz, ODEM Odemis-Izmir, etc.

2020 MAY

Table with columns: Code, Station Name, Az, El, P, I, A, M, B, Time, Res. Includes stations like KURK Kurchatov, MAKZ Makanchi, MKAR Makanchi Array, etc.

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Table with columns: Code, Station Name, Az, El, P, I, A, M, B, Time, Res. Includes stations like ARMA Armidale, MXZ Matakaoa Point, SOMN Songino Array, etc.

18 14:27:45.5±1.4, 5.63S; 147.29E, h175km, mb3.4/6, mb1mp3.9/9, Error ellipse: s-maj=25.5km s-min=11.3km az=105.0

NEIC 18 14:27:45.0±1.1, 5.45S; 0.06±147.3E±0.1, h165km, 7km, mb4.2/18, Error ellipse: s-maj=18.9km s-min=9.4km az=91.0

ISC 18 14:27:43.6±0.6, 5.43S; 0.05±147.22E±0.09, h150km, n38, s154±42, mb3.8/10, Eastern New Guinea region

Table with columns: Code, Station Name, Az, El, P, I, A, M, B, Time, Res. Includes stations like MANU Manus Island, PMG Port Moresby, PMG Port Moresby, etc.

SFS 18 14:36:53.9, 36.69N; 9.76W, h23km, ML2.5/7, ML2.1/10, ML1.8/10
CNRM 18 14:36:53.6, 36.45N; 9.46W, h18km, ML1.6
MDD 18 14:36:54.3±1.2, 36.74N; 9.71W, h18km, 30km, mb_Lg2.4/6, Error ellipse: s-maj=33.0km s-min=9.6km az=57.0

IGIL 18 14:36:54.3, 36.70N; 9.73W, h14km, ML1.4
INMG 18 14:36:54.4±1.2, 36.72N; 9.72W, h14km, 30km, ML1.6, Error ellipse: s-maj=5.2km s-min=4.2km az=61.0, *DIST_RANGE: LOCAL #IPMA_REGION: SW Cabo

ISC 18 14:36:50.2±2.0, 36.56N; 0.05±9.86W±0.08, h30km, 13km, n35, s159/66, 3C, West of Gibraltar

Table with columns: Code, Station Name, Az, El, P, I, A, M, B, Time, Res. Includes stations like Code Station Name, Az, El, P, I, A, M, B, Time, Res. Includes stations like PVFI Vila Bisbo, MORF Marnelete, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s. Includes stations like ZKR Zakros, IDI Anoyia, KARP Karpathos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s. Includes stations like SABU Mula-Dalaman, AKAS Kas, DNZT Denizli-Tavas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s. Includes stations like BRTR Keskin Array B, AKASG Malin Array Be, ESDC Sonseca Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, SSNC 18 14:55:22.7-1.6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s. Includes stations like PCJ Portland Cotta, MCJ Malvern, MASC Masc, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s. Includes stations like CHIV Chivirico, MARVS Santiago de Cu, LMGC Las Mercedes, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s. Includes stations like GTBY Guantanamo Bay, RCC Rio Carpintero, LMGC Las Mercedes, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s. Includes stations like MKAR Makanchi Array, MKAR Kurchatov Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s. Includes stations like NIUE Niue, AFI Afi, AFU Afu, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s. Includes stations like CAN Canberra, CTA Charters Tower, CTAO Charters Tower, etc.

ISC 18 15:05:30.7-3.7, 23.65N:95.12E, h117km, 35km, mb3.0/4, mbtmp3.3/5, MS3.2/1, Error ellipse: s-maj=91.5km

ISC 18 15:05:29.4-1.6, 23.39N:0.8-9.5E, h100km, n7, r19387, mb3.2/4, Myanmar

SSNC 18 15:19:44.7-2.1, 19.72N:76.47W, h0km, 7km, MD3.1, ML2.8, MW2.9, Presumed earthquake

ISC 18 15:19:43.4-1.0, 19.71N:76.47W, h0.03, h24km, 10km, n20, r094/40, 2C-5D, Cuba region

ISC 18 14:55:21.4-0.9, 19.70N:0.03-76.50W, 0.02, h22km, 5km, n27, r1942/50, 1C-4D, Cuba region

ISC 18 15:30:11.5-1.3, 32.77N:85.60E, h0km, mb3.4/6, mbtmp3.4/9, ML3.1/3, MS3.0/5, Error ellipse: s-maj=47.0km

ISC 18 15:30:16.5-1.3, 32.28N:0.2-85.7E:0.3, h35km, n12, r0583/9, mb3.4/6, MS3.0/4, Xizang

NEIC 18 15:56:32.5-1.8, 19.10S:0.05-172.88W, 0.08, h10km, 1km, mb4.9/22, Error ellipse: s-maj=14.3km s-min=8.2km

ISC 18 15:56:34.2-0.7, 19.19S:173.40W, h0km, mb4.2/13, mbtmp4.3/14, ML3.9/1, MS3.4/5, Error ellipse: s-maj=24.4km s-min=17.4km az=133.0

NOU 18 15:56:34.2, 18.77S:172.90W, h28km, mb4.6/13, Tonga Islands Region

ISC 18 15:56:35.4-0.6, 19.31S:0.08-173.3W, 0.1, h10km, n98, mb4.8/23, MS3.6/6, 2C-1D, Tonga Islands

Table with columns: JHU, Hachijo jima 2, 3.56 150 Pn, 17 02 20.4 -4.1, etc. Includes various station names and coordinates.

Table with columns: NRIK, Nori'sk, 42.77 336 LR, 17 28 04.6, etc. Includes various station names and coordinates.

Table with columns: PDAR, Pinedale Array, 80.33 44 P, 17 13 32.4 -0.8, etc. Includes various station names and coordinates.

2020 MAY

18d 17h

18d 17h: 18.26.0.1.6, 47.63N:92.49W, h0km, mb2.7/1, mbtmp:3.1/5, MLO.3/1, Error ellipse: s-maj=32.5km s-min=10.5km az=61.0

OTT 18:17:28.6:0.2, 47.55N:92.65W, h0km, MN2.9/8, Blast, Minnesota, U.S. 130km southeast from Fort Frances, On Mining explosion.

ISC 18:17:18.24:6.1, 0.4750N:0.0692E:0.04, h0km, n14, 0:594Z/22, Minnesota

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, ISC. Includes station names like Atikokan Iron, Experimental L, etc.

DJA 18:17:23.48:2.1, 0.8'S:11'6'E, h28km, 12km, M3.9/11, mb4.4/3, MLv3.6/11, Sumbawa region

NAO 18:17:23:55.9, 31.58N:47:61E, h10km, MB4.1, IDC 18:17:24:21.5:0.8, 34.13N:45:57E, h0km, mb3.9/21, mbtmp:4.0/30, M4.0/8, MS2.9/8, Error ellipse: s-maj=13.5km s-min=11.8km az=151.0

TEH 18:17:24:22.8, 34.18N:45:60E, h8km, 44km, ML4.3, Presumed earthquake

NEIC 18:17:24:23.9:1.6, 34.26N:0.03:45.5E:0.1, h10km, 1km, mb4.3/32, Error ellipse: s-maj=14.9km s-min=2.9km az=108.0

DSN 18:17:24:23.7:0.4, 34.02N:45:56E, h15km, mb4.9/1, Error ellipse: s-maj=8.9km s-min=3.5km az=63.0

THR 18:17:24:25.0:0.3, 16N:45:64E, h10km, ML4.5, Presumed earthquake

18d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like TXAR Lajitas Array, ILAR Eielson Array, etc.

18d 18:14:55.3±1.0, 28.2°26'N, 56.94°E, h0km, mb3.8/21, mbmp3.8/26, ML3.5/5, MS3.2/9, Error ellipse: s-maj=22.5km, s-min=15.4km, az=0.0

OMAN 18:14:57.8±1.4, 28.4°6'N, 57.07°E, h10km, mb3.4/8, m3.9/16, Error ellipse: s-maj=17.9km, s-min=9.8km, az=130.0

TEH 18:14:58.0, 28.35°N, 57.00°E, h6km, ML3.8, Presumed earthquake

DSN 18:15:02.6±1.4, 28.30°N, 56.47°E, h15km, ML3.5/14, Error ellipse: s-maj=18.8km, s-min=9.5km, az=67.0

ISC 18:14:57.4±0.5, 28.3°N, 57.03°E, h10km, n90, c=211/93, mb3.9/23, MS3.2/8, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like KHNJ Kahnooj, GENO Gena, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like AAK Ala-Archa, AKTO Aktyubinsk, etc.

HFS Hagfors 43.13 330 P 18:22:56.7 -1.0

NB2 NORSAR Subarra 44.63 330 P 18:23:08.6 -1.2

NOA NORSAR Array B 44.63 330 P 18:23:08.6 -1.2

NRK Noril'sk 44.68 15 LR 18:45:00.9

ARCES ARCESS Array B 45.05 345 P 18:23:12.3 -0.8

EKA Eskdalemuir A 50.35 320 P 18:23:53.1 -1.2

ESDC Sonsea Array 50.93 300 P 18:23:58.5 -0.5

SPITS Spitsbergen Ar 53.12 350 P 18:24:14.6 -0.1

TORD Torodi Ar. Bea 53.48 266 P 18:24:17.1 -1.2

WRA Warramunga Arr 88.74 113 P 18:27:51.9 +0.3

YKA Yellowknife Ar 89.23 356 P 18:27:51.7 -1.5

ASAR Alice Springs 90.29 317 P 18:27:59.0 +0.2

RSNC 18:18:48.4±0.0, 9°N, 1.7°W, h2km, 2km, M3.0, mb3.8, ML2.6

FUNV 18:18:50.3, 8.58°N, 72.84°W, h8km, MW3.4, Presumed earthquake

ISC 18:18:47.0±1.5, 8.55°N, 0.03°W, 72.91°W, h2km, 11km, n30, c=151/56, Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like OCAC Ocana, PAMC Pamplona, etc.

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az=20.6, confirmed GCG 18:22:14.7±1.6, 13.74°N, 90.40°W, h60km, 16km, MD3.9, ML3.9, Presumed earthquake

SNET 18:22:16.1±3.1, 13.85°N, 90.36°W, h57km, ML3.1, Presumed earthquake

ISC 18:22:17.0±1.5, 13.69°N, 0.06°W, 90.28°W, 0.04, h69km, 9km, n50, c=1948/76, 1C-7D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries like ESSJ San Jos, FAME Alcala de Sa, etc.

CATAC 18:22:14.3±0.5, 14°N, 3°9'W, h33km, 4km, M3.2/12, MLV3.2/12, Error ellipse: s-maj=7.5km, s-min=2.5km

18d 18h

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like LPAZ La Paz, CPUP Villa Florida, and various other local stations.

2020 MAY

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like SNAA Sanae, SNAA Sanae, and various other stations.

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Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like MVCO Mesa Verde, WUAZ Wupatki, and various other stations.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like LDQA Lac Du Bonnet, ECSD EROS Data Cent, and various other stations.

Table with columns: Code, Station Name, Az, AzT, Phase ID, Time, Res, I, S, C, H, m, S, I, S, C. Includes stations like Pine Mountain, Umpqua Natona, MD31, etc.

Table with columns: Code, Station Name, Az, AzT, Phase ID, Time, Res, I, S, C, H, m, S, I, S, C. Includes stations like MKAR, Bujibung, Sorong, etc.

Table with columns: Code, Station Name, Az, AzT, Phase ID, Time, Res, I, S, C, H, m, S, I, S, C. Includes stations like GSPH, DAV, DAV, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PB14, AC01, LPAZ, AC02, AC05, etc.

WEL 18 20:07:57.0, 3.41 S, 177.5E, h24km, 3km, M3.5/12, ML3.5/12, MLV3.5/12, Error ellipse: s-maj=3.7km s-min=2.3km az=163.2

NOU 18 20:07:58.2, 41.26S, 174.76E, h36km, MLV3.8/15, Cook Strait, New Zealand

ISC 18 20:07:59.0, 9.41N, 105.02E, 174.67E, 0.02, h34km, 2km, n151, 1503/177, Cook Strait

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

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

JMA 18 20:09:21.2, 0.1, 36.3N, 0.4, 137.6E, 0.2, h5km, 1km, MV0.1/13, HIDA MOUNTAINS REGION, Eastern Honshu

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

JMA 18 20:09:45.9, 0.0, 36.3N, 0.2, 137.6E, 0.1, h4km, 1km, MV2.6/20, HIDA MOUNTAINS REGION, Eastern Honshu

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

ISC 18 20:11:32.2, 4.9, 6.16S, 132.72E, h0km, mb3.5/2, mbmt3.4/4, ML3.4/2, Error ellipse: s-maj=329.5km s-min=30.2km az=76.0, Taninbaru Islands region

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

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

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

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

ISC 18 20:15:01.6, 1.6, 35.15N, 26.12E, h0km, mb3.5/2, mbmt3.3/6, ML2.5/1, MS2.8/2, Error ellipse: s-maj=41.4km s-min=28.4km az=145.0

ISC 18 20:15:04.8, 1.4, 35.1N, 0.2, 26.2E, 0.2, h20km, n8, 41942/6, mb3.3/4, Crete

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

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

ISC 18 20:35:54.5, 0.7, 27.28N, 103.38E, h0km, mb3.8/2.1, mbmt3.8/2.3, ML3.8/2, MS3.2/17, Error ellipse: s-maj=19.9km s-min=14.1km az=71.0

NEIC 18 20:35:56.8, 1.5, 27.32N, 103.39E, 0.10, h10km, 1km, mb4.4/34, Error ellipse: s-maj=15.4km s-min=12.2km az=128.0

ISC 18 20:35:56.6, 0.4, 27.26N, 103.34E, 0.04, h10km, n92, n1851/89, mb4.1/36, MS3.1/15, Yunnan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PZH, KMI2, KMI2, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Chiang Mai Arr, Makanchi Array, Kurchatov Arra, Zalesovo Beam, Warramunga Arr, Alice Springs, and Petropavlovsk.

Station details for Chiang Mai Arr: 6.41 28 Ph Op ISC 22 02 04.9 +0.2. Includes azimuth, phase, ID, time, and resolution.

Station details for Makanchi Array: 35.76 344 P 22 07 27.2 -1.2. Includes azimuth, phase, ID, time, and resolution.

Station details for Kurchatov Arra: 40.28 343 P 22 08 07.6 +1.1. Includes azimuth, phase, ID, time, and resolution.

Station details for Zalesovo Beam: 41.98 350 P 22 08 20.2 -0.1. Includes azimuth, phase, ID, time, and resolution.

Station details for Warramunga Arr: 49.97 310 P 22 09 22.9 -0.9. Includes azimuth, phase, ID, time, and resolution.

Station details for Alice Springs: 51.97 134 P 22 09 39.7 +0.8. Includes azimuth, phase, ID, time, and resolution.

Station details for Petropavlovsk: 63.10 37 LR 22 42 43.6. Includes azimuth, phase, ID, time, and resolution.

Station details for Kingsbay: 4.44 237 eP Pn 22 06 02.9 +1.2. Includes azimuth, phase, ID, time, and resolution.

Station details for Omega: 6.13 110 eS Pn 22 07 50.5 +0.9. Includes azimuth, phase, ID, time, and resolution.

Station details for Spitsbergen Ar: 6.81 168 eP Pn 22 06 34.9 +0.7. Includes azimuth, phase, ID, time, and resolution.

Station details for Spitsbergen Ar: 6.81 168 Pn Pn 22 06 34.9 +0.7. Includes azimuth, phase, ID, time, and resolution.

Station details for Svalbard: 6.86 172 eP Pn 22 06 35.7 +0.8. Includes azimuth, phase, ID, time, and resolution.

Station details for Hornsund (broa): 7.97 170 eS Pn 22 07 50.5 +0.9. Includes azimuth, phase, ID, time, and resolution.

Station details for Hornsund (broa): 7.97 170 eS Pn 22 06 48.5 -1.6. Includes azimuth, phase, ID, time, and resolution.

Station details for Danmarks Havn: 9.09 223 eP Pn 22 07 07.3 +1.9. Includes azimuth, phase, ID, time, and resolution.

Station details for Danmarks Havn: 9.09 223 eP Pn 22 07 06.0 +0.7. Includes azimuth, phase, ID, time, and resolution.

Station details for North Greenland: 11.03 264 iP Pn 22 07 28.4 -3.8. Includes azimuth, phase, ID, time, and resolution.

Station details for Danmarks Havn: 9.09 223 eP Pn 22 07 06.0 +0.7. Includes azimuth, phase, ID, time, and resolution.

Station details for Tuckaleechee C: 54.97 277 LR 22 26 00.6. Includes azimuth, phase, ID, time, and resolution.

Station details for Albuquerque: 57.61 299 LR 22 29 45.4. Includes azimuth, phase, ID, time, and resolution.

Station details for Kurchatov Arr: 60.20 315 P 22 18 18.4 -0.8. Includes azimuth, phase, ID, time, and resolution.

Station details for Kurchatov Arr: 60.30 315 P 22 18 19.1 -0.8. Includes azimuth, phase, ID, time, and resolution.

Station details for Makanchi Array: 61.34 310 P 22 16 25.9 -1.1. Includes azimuth, phase, ID, time, and resolution.

Station details for Makanchi Array: 61.34 310 P 22 16 25.9 -1.1. Includes azimuth, phase, I

Station details for Borovoye Array: 61.91 321 P 22 18 25.6 -1.4. Includes azimuth, phase, ID, time, and resolution.

Station details for Warramunga Arr: 63.48 226 P 22 20 38.0 -1.0. Includes azimuth, phase, ID, time, and resolution.

Station details for Juan Fernandez: 119.44 108 T 00 38 20.9. Includes azimuth, phase, ID, time, and resolution.

Station details for Juan Fernandez: 119.44 108 T 00 38 21.7. Includes azimuth, phase, ID, time, and resolution.

Station details for WAKE ISLAND Hy: 35.78 209 T 22 53 04.6. Includes azimuth, phase, ID, time, and resolution.

Station details for WAKE ISLAND Hy: 35.80 209 T 22 53 07.7. Includes azimuth, phase, ID, time, and resolution.

Station details for WAKE ISLAND Hy: 35.80 209 T 22 53 09.7. Includes azimuth, phase, ID, time, and resolution.

Station details for Pinedale Array: 44.74 7 P 22 16 23.4 +0.4. Includes azimuth, phase, ID, time, and resolution.

Station details for Kurchatov Arr: 60.20 315 P 22 18 18.4 -0.8. Includes azimuth, phase, ID, time, and resolution.

Station details for Kurchatov Arr: 60.30 315 P 22 18 19.1 -0.8. Includes azimuth, phase, ID, time, and resolution.

Station details for Makanchi Array: 61.34 310 P 22 16 25.9 -1.1. Includes azimuth, phase, ID, time, and resolution.

Station details for WAKE ISLAND Hy: 35.78 209 T 22 53 04.6. Includes azimuth, phase, ID, time, and resolution.

Station details for WAKE ISLAND Hy: 35.80 209 T 22 53 07.7. Includes azimuth, phase, ID, time, and resolution.

Station details for WAKE ISLAND Hy: 35.80 209 T 22 53 09.7. Includes azimuth, phase, ID, time, and resolution.

Station details for Pinedale Array: 44.74 7 P 22 16 23.4 +0.4. Includes azimuth, phase, ID, time, and resolution.

Station details for Kurchatov Arr: 60.20 315 P 22 18 18.4 -0.8. Includes azimuth, phase, ID, time, and resolution.

Station details for Kurchatov Arr: 60.30 315 P 22 18 19.1 -0.8. Includes azimuth, phase, ID, time, and resolution.

Station details for Makanchi Array: 61.34 310 P 22 16 25.9 -1.1. Includes azimuth, phase, ID, time, and resolution.

Station details for Makanchi Array: 61.34 310 P 22 16 25.9 -1.1. Includes azimuth, phase, ID, time, and resolution.

Station details for Borovoye Array: 61.91 321 P 22 18 25.6 -1.4. Includes azimuth, phase, ID, time, and resolution.

Station details for Warramunga Arr: 63.48 226 P 22 20 38.0 -1.0. Includes azimuth, phase, ID, time, and resolution.

Station details for Juan Fernandez: 119.44 108 T 00 38 20.9. Includes azimuth, phase, ID, time, and resolution.

Station details for Juan Fernandez: 119.44 108 T 00 38 21.7. Includes azimuth, phase, ID, time, and resolution.

Station details for WAKE ISLAND Hy: 35.78 209 T 22 53 04.6. Includes azimuth, phase, ID, time, and resolution.

Station details for WAKE ISLAND Hy: 35.80 209 T 22 53 07.7. Includes azimuth, phase, ID, time, and resolution.

Station details for WAKE ISLAND Hy: 35.80 209 T 22 53 09.7. Includes azimuth, phase, ID, time, and resolution.

Station details for Pinedale Array: 44.74 7 P 22 16 23.4 +0.4. Includes azimuth, phase, ID, time, and resolution.

Station details for Kurchatov Arr: 60.20 315 P 22 18 18.4 -0.8. Includes azimuth, phase, ID, time, and resolution.

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Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SCHQ Schefferville, YKA Yellowknife Ar, etc.

IDC 18 22:26:49.7.2.0.52106N.173.43W,h0km,mb3.6/9, mblmp3.6/12,ML3.3/3, Error ellipse: s-maj=55.5km s-min=18.5km az=0.0

NEIC 18 22:26:52.9.1.7.5150N.05.173.52W.0.08,h2km,9km, mb3.7/34,ML3.7/12,ML3.4(AEIC), Error ellipse: s-maj=9.7km s-min=1.9km az=48.0

AEIC 18 22:26:52.4.2.3.5151N.0.06:173.6W.0.1,h21km,5km, Error ellipse: s-maj=9.7km s-min=7.8km az=63.0

ISC 18 22:26:52.2.1.7.5153N.0.08:173.52W.0.05, h30km,11km,n87,0136/91,mb3.8/19,Andraon Islands

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ATKA Atka Island, KOPF Korovin Flat P, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SP1A Saint Paul Is, N14K Kusokovak Cree, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KDAK Kodiak Island, N19K Bonanza Cree, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like D19K Kuna River, CDB Clear Creek Bu, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, J25K Salcha River, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like B21K Ikpikpuk River, L27K Beaver Cree, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like N30M Aishikik Lake, H29M Whites tone, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like YKA Yellowknife Ar, YKA Yellowknife Ar, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SONM Songoing Array, TXAR Lajitas Array, etc.

IDC 18 22:29:07.9.2.1.5191N.178.50E,h95km,16km,mb3.5/17, mblmp3.9/20,MS2.0/2, Error ellipse: s-maj=22.2km s-min=12.4km az=170.0

NEIC 18 22:29:08.5.1.2.518N.0.1:178.39E.0.09,h104km,3km, mb3.9/43,ML3.7/14,ML3.5(AEIC), Error ellipse: s-maj=18.4km s-min=8.5km az=181.0

AEIC 18 22:29:09.0.1.2.517N.0.1:178.36E.0.08,h102km,4km, Error ellipse: s-maj=17.4km s-min=7.2km az=185.0

ISC 18 22:29:08.3.0.8.517N.0.1:178.42E.0.04,h105km,6km, n122,008/9122,mb3.8/26,Rat Islands

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LSSE Little Sitkin, LSPA Little Sitkin, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KIRH Kanaga Island, SHEM Shemya Is, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ADK Adak, ETKA Kagalaska Is, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ATKA Atka Island, SP1A Saint Paul Is, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like O16K Kokwok River, N18K Kodiak Island, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like N19K Kodiak Island, KDAK Kodiak Island, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ILSW Iliamna South, J19K Poorman, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IMAR Indian Mountain, D19K Kuna River, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, KAIM Kayak Island, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like D23K Nanushuk River, B22K Teshekpuk Lake, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like F24K Squaw Lake, E24K Your Creek, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GRNC Granite Creek, F25K Barnard Glacie, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TLY Talaya, SONM Songoing Array, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TXAR Lajitas Array, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like HFS Hagfors, CMAR Chiang Mai Arr, etc.

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

IDC 18 22:30:25.0.2.0.8.1474S.174.45W,h0km,mb3.7/6, mblmp3.7/6,MS3.5/16, Error ellipse: s-maj=37.5km s-min=23.8km az=128.0

ISC 18 22:30:40.4.0.8.1475S.0.2:174.5W.0.3,h35km,n34, 0078/10,mb3.8/7,MS3.6/13,Samoa Islands region

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BODA, YKAV, BDRM, VLI, etc.

2020 MAY

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BALB, DMLN, PAIG, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BUM, BUM, BLKB, etc.

SOC	Sochi	14.48	45	eP	Pn	23 26 00.4	+0.6
SOC				eS	Sn	23 28 41.6	+1.6
SOC				pmax			
SOC	comp=Z,69nm,1.2s			MLR	MLR		
GROS	Grobnik	14.48	31	i Pn	Pn	23 25 55.3	-4.6
NDNU	Novodnistrovsk	14.49	5	P	Pn	23 26 00.5	+0.6
VSLR	Vesolyolov	14.59	46	i P	Pn	23 26 02.7	+1.3
SFO	Srobarova	14.70	340	eP	Pn	23 26 02.8	+0.1
SRO	Srobarova	14.70	340	eP	Pn	23 26 02.8	+0.1
GEVA	Gevas	14.71	69	Pn	Pn	23 26 03.7	+0.6
SOKA	Soboth	14.85	331	ePn	Pn	23 26 00.5	-4.4
SOKA	comp=Z,5.3nm,0.5s			eScP	ScP	23 34 49.2	+0.6
OBKA	Obir	14.91	329	ePn	Pn	23 26 02.5	-3.3
SABO	M.te Sabotino	14.93	326	P	Pn	23 26 04.4	-1.5
MORS	Morshin	15.02	356	P	Pn	23 26 07.5	+0.4
HORI	Horodok	15.06	2	P	Pn	23 26 07.3	-0.4
ARSA	Arzberg	15.12	333	Pn	Pn	23 26 06.0	-2.6
ARSA	Arzberg	15.12	333	ePn	Pn	23 26 05.2	-3.4
ARSA	comp=Z,3.5nm,0.6s			eScP	ScP	23 34 49.5	+0.5
ZCCA	Zocca	15.20	316	Pn	Pn	23 26 08.3	-1.2
RONA	Rosalia, Austr	15.22	336	i Pn	Pn	23 26 06.4	-3.5
PRED	Predel	15.29	327	Pn	Pn	23 26 09.7	-1.1
MYKA	Mykystica	15.40	328	ePn	Pn	23 26 10.1	-2.1
MYKA	comp=Z,1.8nm,0.4s			eScP	ScP	23 34 50.5	+0.9
VLC	Villacolleman	15.42	315	P	Pn	23 26 12.6	+0.1
VLC				S	Sn	23 29 04.3	+1.1
TEOL	Teolo	15.45	321	Pn	Pn	23 26 10.6	-2.3
MODS	Modra-Piesok	15.50	339	eP	Pn	23 26 13.7	+0.2
MODS	Modra-Piesok	15.50	339	ePn	Pn	23 26 13.7	+0.2
STAL	Staligal	15.56	325	Pn	Pn	23 26 13.2	-1.1
CONA	Conrad Observa	15.57	335	ePn	Pn	23 26 13.1	-1.4
SMOL	Smolenice	15.58	339	eP	Pn	23 26 14.7	+0.2
STHS	Stebnicka Huta	15.59	349	eP	Pn	23 26 16.2	+1.6
STHS	Stebnicka Huta	15.59	349	ePn	Pn	23 26 16.2	+1.6
KWP	Kalwaria Pacia	15.61	353	eP	Pn	23 26 15.6	+0.7
KWP				eS	L	23 29 13.4	+5.7
KWP				eL	L	23 33 16.4	
KWP	Kalwaria Pacia	15.61	353	P	Pn	23 26 14.9	0.0
WINA	Alland / Wiene	15.65	336	ePn	Pn	23 26 13.1	-2.3
LABN	Labinsk	15.69	44	eS	Sn	23 26 17.0	+1.1
LABN				pmax	pmax		
LABN	comp=Z,361nm,1.0s			MLR	MLR		
LABN	comp=Z,11um,16.0s			MLR	MLR		
LABN	comp=N,15um,14.0s			MLR	MLR		
LABN	comp=E,13um,12.0s			MLR	MLR		
NIE	Niedzica	15.75	347	eP	Pn	23 26 17.7	+1.0
NIE				eS	Sn	23 29 08.4	-2.6
NIE				eL	L	23 34 36.7	
NIE	Niedzica	15.75	347	eP	Pn	23 26 16.8	+0.1
PRMA	PARMA	15.82	317	Pn	Pn	23 26 15.8	-1.8
JAVC	Velka Javorina	15.83	341	ePn	Pn	23 26 16.8	-0.9
LUBAR	Lubar, Ukraine	15.84	5	P	Pn	23 26 17.5	-0.3
KBA	Koelnreinsper	15.88	328	eP	Pn	23 26 14.6	-3.9
CTI	Castel Tesino	15.93	322	P	Pn	23 26 16.5	-2.6
CTI	Castel Tesino	15.93	322	P	pmax	23 26 16.5	-2.6
CTI	comp=Z,121nm,0.6s			ePn	Pn	23 26 16.2	-3.9
ABTA	Abfaltersbach	16.01	326	ePn	Pn	23 34 51.7	+0.9
ABTA	comp=Z,2.5nm,0.5s			eScP	ScP	23 34 51.7	+0.9
MOA	Molin	16.10	332	ePn	Pn	23 26 17.7	-3.5
ERBR	Yeremizino-Bor	16.22	40	eS	Sn	23 26 22.7	-0.1
ERBR				eS	pmax	23 29 21.3	-1.2
ERBR	comp=Z,306nm,0.9s			MLR	MLR		
ERBR	comp=N,13um,16.0s			MLR	MLR		
ERBR	comp=Z,9um,16.0s			MLR	MLR		
ERBR	comp=E,11um,16.0s			MLR	MLR		
BIOA	Bad Ischl, Aus	16.23	330	ePn	Pn	23 26 19.6	-3.2
BIOA	comp=E,2.2nm,0.5s			eScP	ScP	23 34 52.5	+1.4
SALO	Salr	16.23	319	Pn	Pn	23 26 21.1	-1.9
SALO	comp=Z,1um,1.6s			IAMB	IAMB	23 26 30.0	
MAUC	Maruska	16.25	342	eP	Pn	23 26 22.8	-0.3
SHA1	Shidzhatmaz	16.35	49c	eP	Pn	23 26 25.9	+1.2
KRUC	Kruc Moravsky	16.38	338	ePn	Pn	23 26 23.9	-0.9
KRUC	Moravsky	16.38	338	eS	S	23 29 32.8	-2.5
GNI	Garni	16.40	63	Pn	Pn	23 26 26.2	+0.9
GNI	comp=Z,3.5nm,0.3s,baz=255,slow=56,SNR=44			LR	LR	23 34 23.8	
GNI	comp=Z,15um,18.1s,baz=272,slow=43,SNR=43			LR	LR	23 34 23.8	
GNI	Garni	16.40	63	Pn	Pn	23 26 25.4	+0.2
GNI	Garni	16.40	63	P	Pn	23 26 26.0	+0.7
GNI	Garni	16.40	63c	eP	Pn	23 26 26.0	+0.7
GNI				pmax	pmax		
GNI	comp=Z,449nm,2.5s			MLR	MLR		
GNI	Garni	16.40	63	P	Pn	23 26 27.2	+1.9
GNI	Garni	16.40	63	P	Pn	23 26 27.2	+1.9
GNI	Garni	16.40	63	P	Pn	23 26 27.2	+1.9
GNI	Garni	16.40	63	P	Pn	23 26 27.2	+1.9
GNI	Garni	16.40	63	P	Pn	23 26 27.2	+1.9
LESA	Schwarzleotal	16.43	328	i Pn	Pn	23 26 22.1	-3.4
LESA	comp=Z,0.7nm,0.4s			eScP	ScP	23 34 51.7	+0.1
KIV	Kislovodsk	16.48	49	P	Pn	23 26 25.9	-0.3
KIV	Kislovodsk	16.48	49	i P	Pn	23 26 27.4	+1.2
KIV	Kislovodsk	16.48	49	P	P	23 26 30.5	+1.7
KIV	Kislovodsk	16.48	49	P	P	23 26 28.3	-0.5
KIV	Kislovodsk	16.48	49	P	P	23 26 28.3	-0.5
KIV	Kislovodsk	16.48	49	P	P	23 29 32.5	+3.6
KIV	Kislovodsk	16.48	49	P	P	23 29 32.5	+3.6
KIV	Kislovodsk	16.48	49	P	P	23 26 27.3	+1.2
KBZ	Khabaz	16.50	49	Pn	Pn	23 26 27.8	+1.5
KBZ	Khabaz	16.50	49c	eP	pmax	23 26 27.7	+1.5
KBZ	comp=Z,271nm,1.1s			MLR	MLR		
KBZ	comp=Z,4um,11.0s			MLR	MLR		
VRAC	Vranov	16.54	339	Pn	Pn	23 26 26.8	0.0
VRAC	comp=Z,1.4nm,0.3s,baz=160,slow=11,SNR=23			LR	LR	23 33 17.4	
VRAC	comp=Z,15um,22.0s,baz=166,slow=39			LR	LR	23 33 17.4	
VRAC	Vranov	16.54	339	P	P	23 26 30.5	+1.1
VRAC	Vranov	16.54	339	eP	Pn	23 26 26.0	-0.8
VRAC	Vranov	16.54	339	eS	S	23 29 39.1	-2.8
AK07	Malin Array Si	16.60	8	P	Pn	23 26 27.6	0.0
OKC	Ostrava-Krasne	16.60	343	eP	Pn	23 26 27.0	-0.6
OKC	comp=Z,24um,10.8s			MLR	MLR		
OKC	comp=Z,24um,10.8s			AMS	AMS	23 26 27.0	-0.6
OJC	Ojcow	16.61	347	eP	Pn	23 26 27.3	-0.4
OJC				eS	L	23 29 29.8	-2.0
OJC				eL	L	23 35 33.8	
OJC	Ojcow	16.61	347	P	Pn	23 26 25.3	-2.4
OJC	Ojcow	16.61	347	P	Pn	23 26 25.3	-2.4
AK06	Malin Array Si	16.65	8	P	Pn	23 26 28.2	+0.2
AK13	Malin Array Si	16.65	8	P	Pn	23 26 28.0	-0.1
AK10	Malin Array Si	16.66	8	P	Pn	23 26 28.3	+0.1

AK14	Malin Array Si	16.67	8	P	Pn	23 26 28.5	+0.1
AK05	Malin Array Si	16.67	8	P	Pn	23 26 27.4	-1.0
AK09	Malin Array Si	16.68	8	P	Pn	23 26 27.4	-1.1
AK12	Malin Array Si	16.69	8	P	Pn	23 26 28.6	0.0
AK08	Malin Array Si	16.69	8	P	Pn	23 26 28.6	-0.1
MORC	Moravsky Berou	16.70	342	P	Pn	23 26 27.0	-1.9
MORC	Moravsky Berou	16.70	342	P	pmax	23 26 27.0	-1.9
MORC	comp=Z,104nm,1.0s			Pn	Pn	23 26 27.0	-1.9
MORC	Moravsky Berou	16.70	342	ePn	Pn	23 26 28.8	-0.1
AK16	Malin Array Si	16.71	8	P	Pn	23 26 28.9	0.0
AK17	Malin Array Si	16.72	8	P	Pn	23 26 29.0	0.0
AK11	Malin Array Si	16.72	8	P	Pn	23 26 29.2	+0.1
AK15	Malin Array Si	16.74	8	P	Pn	23 26 29.3	+0.1
AK01	Malin Array Si	16.74	8	P	Pn	23 26 29.1	-0.2
KIEV	Kiev	16.75	8	i P	Pn	23 26 28.3	-1.1
KIEV	SNR=147			P	Pn	23 26 29.5	+0.2
KIEV	Kiev	16.75	8	P	pmax	23 26 29.5	+0.2
KIEV	comp=Z,237nm,0.8s			Pn	Pn	23 26 29.5	+0.2
KIEV	Kiev	16.75	8	P	Pn	23 26 29.5	+0.2
AK19	Malin Array Si	16.75	8	P	Pn	23 26 29.4	0.0
AKASG	Malin Array Be	16.75	8	P	Pn	23 26 29.6	+0.1
AKASG	comp=Z,15nm,0.3s,baz=201,slow=11,SNR=94			Sn	Sn	23 29 30.5	-4.8
AKASG	baz=196,slow=20			PcP	PcP	23 31 17.7	0.0
AKASG	comp=Z,2.2nm,0.4s,baz=190,slow=0.7,SNR=45			LR	LR	23 33 12.1	
AKASG	comp=Z,5um,19.8s,baz=190,slow=36			ScP	ScP	23 34 52.5	+0.5
AKASG	comp=Z,1.3nm,0.6s,baz=226,slow=1.7,SNR=5.8			ScP	ScP	23 34 52.5	+0.5
AKASG	Malin Array Be	16.75	8	Pn	Pn	23 26 28.2	-1.2
AKASG	Malin Array Be	16.75	8	Pn	IAMB	23 26 35.5	
AKASG	Malin Array Be	16.75	8	i P	Pn	23 26 27.7	-1.8
AKASG	comp=Z,62nm,0.4s			pmax	pmax		
AKKB	Malin Array Si	16.75	8	P	Pn	23 26 28.2	-1.3
AKBB	Malin Array Si	16.75	8	ceP	Pn	23 26 27.3	-2.2
AKB	Malin Array Si	16.75	8	P	Pn	23 26 28.5	-1.0
AK18	Malin Array Si	16.76	8	P	Pn	23 26 28.4	-1.1
AK04	Malin Array Si	16.77	8	P	Pn	23 26 28.7	-0.9
AK20	Malin Array Si	16.77	8	P	Pn	23 26 28.7	-1.0
AK03	Malin Array Si	16.78	8	P	Pn	23 26 29.0	-0.8
WTTA	Wattenberg	16.79	325	ePn	ScP	23 26 30.0	-0.2
WTTA	comp=Z,5.9nm,0.4s			eScP	ScP	23 34 53.8	+1.4
AK22	Malin Array Si	16.80	8	P	Pn	23 26 28.8	-1.2
AK23	Malin Array Si	16.80	8	P	Pn	23 26 30.1	0.0
AK21	Malin Array Si	16.81	8	P	Pn	23 26 29.1	-1.0
RAC	Raciborz	16.82	343	eP	Pn	23 26 31.1	+0.8
RAC	comp=Z,26nm,16.5s			AMS	AMS	23 33 46.0	
RAC	Raciborz	16.82	343	eP	Pn	23 26 31.1	+0.8
RAC	comp=Z,26um,16.5s			MLR	MLR		
NCK	Nalchik	16.83	51	ceP	P	23 26 32.6	-0.1
NCK	comp=Z,247nm,1.0s			pmax	pmax		
M128	M128, Pidlybu	16.84	5	P	Pn	23 26 30.8	+0.3
WATA	Walderalm	16.87	325	ePn	Pn	23 26 30.7	-0.5
WATA	comp=Z,30nm,0.7s			eScP	ScP	23 34 51.6	-0.9
TREC	Trest	16.88	337	eP	MLR	23 26 30.2	-0.9
TREC	comp=Z,17nm,1.2s			MLR	MLR		
TREC	Trest	16.88	337	eP	AMS	23 26 30.2	-0.9
TREC	comp=Z,18um,11.9s			AMS	AMS	23 33 30.0	
CKRC	Cesky Krumlov	16.88	334				

18d 23h

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like MBAR Mbarara, CHM Chikment, and many others.

2020 MAY

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like KSH2 Bjornoya, BJO1 Tian-Shan, and many others.

1150

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like KBS Kingsbay, ZAAO Zalesovo, and many others.

18d 23h

TIY	comp=Z,3um,28.8s	67.89	59	eP	P	P	23 33 37.8	+4.2
TIY	Taiyuan			PP	P	P	23 36 07.8	+4.8
TIY				S	S	S	23 42 36.8	+4.9
TIY	comp=Z,210nm,4.3s			LR	LR			
TIY	comp=Z,1um,18.5s			LR	LR			
TIY	comp=Z,650nm,17.2s			LR	LR			
GGN	comp=Z,640nm,16.5s							
G65A	Saint George	68.29	310	P	P	P	23 33 35.0	-0.8
G65A	Princeton	68.71	311	P	P	P	23 33 38.5	0.0
G65A				IAMB	IAMB		23 33 46.1	
G65A	comp=Z,48nm,1.2s			IAMS_20	IAMS_20	00 03 40.6		
GYA	comp=Z,3um,19.0s							
GYA	Guiyang	68.73	72	UP	S	S	23 33 39.4	+0.3
GYA				S	S	S	23 42 40.8	-1.6
GYA	comp=Z,43nm,1.1s			LR	LR			
GYA	comp=Z,1um,22.3s			LR	LR			
GYA	comp=Z,1um,22.0s			LR	LR			
GYA	comp=Z,2um,21.5s			LR	LR			
D62A	comp=Z,3um,21.0s							
D62A	Allapoint, Ail	68.76	313	P	P	P	23 33 38.6	-0.2
EMMW	East Machias	68.87	310	P	P	P	23 33 39.1	-0.3
EMMW				IAMB	IAMB		23 33 48.9	
EMMW	comp=Z,38nm,0.8s			IAMS_20	IAMS_20	00 04 05.8		
F64A	comp=Z,3um,21.0s							
F64A	Sherman	68.89	312	P	P	P	23 33 39.0	-0.6
F64A				IAMS_20	IAMS_20	00 06 32.4		
ENH	comp=Z,3um,18.0s							
ENH	Enshi	69.12	67	P	P	P	23 33 40.7	-0.6
ENH				IAMB	IAMB		23 34 01.0	
ENH	comp=Z,72nm,1.1s							
E62A	Enshi	69.12	67	P	P	P	23 33 42.0	+0.6
E62A	Clayton Lake	69.26	313	P	P	P	23 33 40.8	-1.2
E62A				IAMB	IAMB		23 33 56.6	
LMQ	comp=Z,56nm,1.0s							
LMQ	La Malbaie	69.31	314	P	P	P	23 33 40.7	-1.6
LMQ				IAMB	IAMB		23 33 58.1	
LYN	comp=Z,33nm,1.0s							
LYN	LuoYang	69.36	62	P	P	P	23 33 44.0	+1.3
LYN				pP	sP	sP	23 33 47.9	+0.4
LYN				S	S	S	23 42 49.9	+0.6
LYN				sS	sS	sS	23 42 56.8	+1.9
LYN	comp=Z,28nm,0.9s							
LYN	comp=Z,330nm,3.5s							
LYN	comp=Z,2um,24.4s			LR	LR			
LYN	comp=Z,1um,24.0s			LR	LR			
LYN	comp=Z,1um,22.0s			LR	LR			
BJT	comp=Z,1um,22.0s							
BJT	Baijiatou	69.43	55	P	P	P	23 33 43.0	-0.1
BJT				P	P	P	23 33 44.6	+1.5
BJT				P	P	P	23 33 43.0	-0.1
BJT				P	P	P	23 33 43.8	+0.7
BJT				P	P	P	23 42 49.6	+0.6
BJT				S	S	S	23 47 16.6	-0.1
BJT				S	S	S		
BJT	comp=Z,130nm,4.4s							
BJ2	comp=Z,1um,20.6s			LR	LR			
BJ2	comp=Z,1um,21.6s			LR	LR			
BJ2	comp=Z,1um,16.2s			LR	LR			
ZEA	comp=Z,1um,16.2s							
ZEA	Zeya	69.53	38	eP	P	P	23 33 44.8	+1.4
ZEA				eS	S	S	23 42 54.1	+3.5
ZEA	comp=Z,220nm,4.5s							
ZEA	comp=E,10.0nm,0.7s							
ZEA	comp=N,10.0nm,0.6s							
ZEA	comp=Z,20nm,1.3s							
ZEA	comp=N,300nm,15.8s							
HNS	comp=N,36nm,1.1s							
HNS	HongShan	69.64	58	UP	S	S	23 33 45.6	+1.2
HNS				S	S	S	23 42 53.3	+0.8
HNS	comp=N,670nm,21.4s			LR	LR			
HNS	comp=N,2um,19.6s			LR	LR			
HNS	comp=N,2um,20.7s			LR	LR			
LDAO	comp=Z,1um,18.1s,baz=56,slow=38	69.66	315	P	P	P	23 33 43.2	-1.2
PKME	Lac Daran	69.76	311	P	P	P	23 33 44.0	-1.0
PKME	Peaks-Kenny Pk			IAMS_20	IAMS_20	00 04 21.3		
RCBR	comp=Z,3um,20.0s							
RCBR	Riachuelo	70.27	248	LR	LR	LR	00 06 57.9	
RCBR	comp=Z,1um,18.1s,baz=56,slow=38							
RCBR	Riachuelo	70.27	248	P	P	P	23 33 47.2	-1.4
RCBR	Riachuelo	70.27	248	IAMS_20	IAMS_20	00 07 13.4		
RCBR	comp=Z,4um,19.0s							
RCBR	Riachuelo	70.27	248	P	P	P	23 33 47.2	-1.4
RCBR				pmax	pmax			
RCBR	comp=Z,26nm,0.8s			MLR	MLR			
RCBR	comp=Z,4um,19.0s							
RCBR	Riachuelo	70.27	248	eP	P	P	23 33 49.0	+0.4
RCBR	Waterville	70.32	311	P	P	P	23 33 47.9	+0.8
RCBR				IAMS_20	IAMS_20	00 07 08.3		
G62A	comp=Z,3um,18.0s							
G62A	West of Eustis	70.55	312	P	P	P	23 33 49.7	-0.2
G62A				IAMB	IAMB		23 33 53.5	
G62A	comp=Z,77nm,1.5s			IAMS_20	IAMS_20	00 07 22.2		
I63A	comp=Z,2um,18.0s							
I63A	Otisfield	71.15	311	P	P	P	23 33 52.5	-1.0
I63A				IAMB	IAMB		23 34 46.8	
I63A	comp=Z,80nm,1.7s			IAMS_20	IAMS_20	00 05 04.2		
NBPA	comp=Z,3um,21.0s							
NBPA	Parau RN	71.15	249	eP	P	P	23 33 55.5	+1.6
NBPA	Milan	71.25	311	P	P	P	23 33 53.8	+0.4
NBPA				IAMB	IAMB		23 34 03.5	
H62A	comp=Z,58nm,1.4s			IAMS_20	IAMS_20	00 05 15.8		
HEH	comp=Z,2um,20.0s							
HEH	Heihe	71.38	42	eP	P	P	23 33 55.0	+0.2
HEH				pP	sP	sP	23 33 58.6	-1.0
HEH				S	S	S	23 43 13.6	+1.2
HEH				SS	SS	SS	23 47 47.9	+1.8
HEH	comp=Z,73nm,0.7s							
HEH	comp=Z,360nm,4.4s							
HEH	comp=Z,5um,16.3s			LR	LR			
HEH	comp=Z,4um,16.1s			LR	LR			
HEH	comp=Z,7um,15.4s			LR	LR			
BLKN	comp=Z,56nm,1.0s							
BLKN	Baker Lake	71.71	337	P	P	P	23 33 55.8	-0.7
BLKN				IAMB	IAMB		23 34 03.7	
MLSI	comp=Z,140nm,0.9s							
MLSI	Meulaboh, Aceh	71.77	97	P	P	P	23 33 57.5	-0.2
MLSI	comp=Z,140nm,0.9s							
LBNH	comp=Z,3um,19.0s							
LBNH	Lisbon	71.90	311	P	P	P	23 33 58.1	+0.1
LBNH				IAMS_20	IAMS_20	00 06 31.9		
LBNH	comp=Z,26nm,0.9s							
LBNH	comp=Z,3um,19.0s							
LBNH				pmax	pmax			
LBNH	comp=Z,2um,20.0s			MLR	MLR			
TIA	comp=Z,3um,19.0s							
TIA	Taian	71.91	58	P	P	P	23 33 58.0	-0.3
TIA				pP	sP	sP	23 34 03.4	+0.4
TIA				S	S	S	23 34 07.9	+2.3
TIA				PcP	PcP	PcP	23 34 12.6	-4.4
TIA				S	S	S	23 43 21.6	+2.6

2020 MAY

TIA	comp=Z,15nm,1.0s							
TIA	comp=Z,330nm,4.4s							
TIA	comp=Z,3um,18.6s			LR	LR			
TIA	comp=Z,2um,15.4s			LR	LR			
TIA	comp=Z,3um,19.8s			LR	LR			
NBMO	comp=Z,3um,21.0s							
A36M	Morrinhos-CE	71.95	253	eP	P	P	23 33 59.6	+0.9
A36M	Sachs Harbour	72.19	351	P	P	P	23 33 59.0	-0.3
A36M				IAMS_20	IAMS_20	00 08 16.2		
MNTO	comp=Z,3um,21.0s							
L64A	Montreal, Quebec	72.30	313	P	P	P	23 34 00.4	0.0
L64A	Middleborough	72.36	309	P	P	P	23 34 00.2	+0.6
L64A				IAMB	IAMB		23 34 13.9	
L64A	comp=Z,39nm,1.0s			IAMS_20	IAMS_20	00 05 43.4		
L64A	comp=Z,3um,21.0s							
BCX	Boston College	72.38	309	P	P	P	23 34 00.3	-0.6
BCX				IAMB	IAMB		23 34 10.3	
HNH	comp=Z,47nm,1.0s							
HNH	Hanover	72.39	311	P	P	P	23 34 00.8	-0.2
HNH				IAMB	IAMB		23 34 11.5	
HNH	comp=Z,35nm,1.0s			IAMS_20	IAMS_20	00 08 38.0		
M65A	comp=Z,3um,18.0s							
M65A	Busby, Fairmount	72.43	309	IAMS_20	IAMS_20	00 05 44.9		
WES	comp=Z,2um,21.0s							
WES	Weston	72.45	310	P	P	P	23 34 01.0	-0.3
WES				IAMS_20	IAMS_20	00 06 14.6		
WES	comp=Z,2um,18.0s							
WES	Weston	72.45	310	P	P	P	23 34 01.0	-0.3
WES				pmax	pmax			
WES	comp=Z,290nm,2.0s			MLR	MLR			
TRQ	comp=Z,2um,18.0s							
TRQ	Mont Tremblant	72.49</						

1153

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other details. Includes stations like N58A Sunbury, D24K Happy Valley, E28M Babbarge River, etc.

2020 MAY

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other details. Includes stations like G26K Porcupine River, G26K G26K, G26K G26K, etc.

18d 23h

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other details. Includes stations like FFC Flin Flon, FFC Flin Flon, FFC Flin Flon, etc.

18d 23h

Table with columns for station ID, name, frequency, and signal strength. Includes stations like COCO, MPMY, AOPR, O49A, CELP, UUPR, DHY, OBIP, G40A, Q51A, X58A, J20K, BPAW, W57A, I42A, K24K, RIDG, I17K, N47A, J19K, DOT, L29M, MLR, RIB01, CRPR, MCK, S1MB, U54A, U54A, U54A, JANB, V55A, K43A, M30M, KTH, BCAR, L27K, L27K, M31M, L44A, RND, RND, RND, TRF, BIRD, AGMN, PMBI, J17K, CAST, L26K, J16K.

2020 MAY

Table with columns for station ID, name, frequency, and signal strength. Includes stations like K20K, MENT, MENT, P48A, S51A, PAX, R50A, KM5C, Y57A, I40A, JNU, JNU, MDSI, I44A, PPLA, SPMM, M27K, ALF01, SFIN, LWLI, ASAJ, JKA, M26K, NHSC, K17K, JSC, JSC, N32M, JFWS, JFWS, PAUL, R49A, R49A, HARP, N31M, TZTN, TZTN, L22K, L22K, PEAOB, PEAOB, PETK, PETK, KLSI, N30M, N30M, K15K, K15K, CUT, WLY, BLO, BLO, L42A, L42A, M24K, P46A, K13K, K13K, L18K.

1154

Table with columns for station ID, name, frequency, and signal strength. Includes stations like L18K, KASI, DIAM, L19K, T50A, T50A, PET, PET, PET, BG3, HODGE, SKT, WHY, WHY, SCM, SCM, SCM, WCI, WCI, WCI, WCI, TKL, TKL, O30N, O30N, SML, M19K, P33M, P33M, GHO, SC01, SC01, MCARA, GLB, H2YK, L16K, I37A, I37A, KLU, HDIL, HDIL, PMR, PMR, PMR, VRDI, VRDI, BARN, L40A, L40A, L14K, L14K, F33A, F33A, KNK, 257A, STLK, STLK, W52A, W52A, JTM, O28M, O28M, LOGN, LOGN, JMN, CAM01, M17K, MDND, R33M, R33M, DIV, DIV, DIV, CPCT, CPCT, BMRM, BMRM, BMRM, GRNC, SKR, SKR, SKR, TGL, TGL, OLIL, OLIL, U49A, U49A, U49A, CRQM, TPI, O29M, O29M, SPU, SPU, SDDR, SDDR.

18d 23h

Table with columns for station code, name, frequency, power, polarization, and coordinates. Includes stations like AK10 Malin Array Si, AK05 Malin Array Si, etc.

2020 MAY

Table with columns for station code, name, frequency, power, polarization, and coordinates. Includes stations like PARRA Arraiolos, PCVE Castro Verde, etc.

1158

Table with columns for station code, name, frequency, power, polarization, and coordinates. Includes stations like JHS Saijui, JWY Kouya, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Includes stations like ESCD Sonseca Array, FINES FINES Array B, TORD Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Includes stations like FINES FINES Array B, EKA Eskdalemuir Ar, TORD Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Includes stations like APE Apeiranthos, APE Apeiranthos, APE Apeiranthos, etc.

IDC 18 23:56:23.1±1.1, 34.20N:25.63E, h0km, mb3.7/10, mbtmp3.7/17, ML3.2/6, Error ellipse: s-maj=21.3km s-min=14.8km az=13.0

IDC 18 23:59:41.6±1.3, 33.97N:25.72E, h0km, mb3.7/7, mbtmp3.5/13, ML3.2/6, Error ellipse: s-maj=24.3km s-min=18.3km az=2.0

IDC 18 23:59:43.8±0.9, 33.95N:0.10:25.68E:0.08, h17km, n14, s=0971.0, mb3.5/6, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Includes stations like NPS Neapolis, NPS Neapolis, ZKR Zakros, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Includes stations like IDI Anoyia, IDI Anoyia, MMAI Mount Meron Ar, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Includes stations like AKAS Kas, AKAS Kas, AKAS Kas, etc.

AFAD 18 23:56:33.4, 34.60N:25.98E, h7km, 7km, ML2.7, ISC 18 23:56:27.1±1.8, 34.36N:0.08:25.60E:0.03, h15km, gkm, n63, s26/80, mb3.7/9, Crete

ISK 19 00:02:38.8, 34.10N:25.61E, h5km, ML4.0/18, IDC 19 00:02:39.6±0.6, 34.17N:25.57E, h0km, mb4.4/31, mbtmp4.4/41, ML4.0/8, MS4.4/2, Error ellipse: s-maj=13.0km s-min=10.9km az=170.0

AFAD 19 00:02:39.9, 34.17N:25.74E, h7km, 4km, MW4.4, MOS 19 00:02:40.1±1.0, 34.14N:25.51E, h14km, mb4.7/34, Error ellipse: s-maj=5.6km s-min=3.1km az=83.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Includes stations like URLA Izmir, URLA Izmir, ESEN Aydn-Nazilli, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Includes stations like ZKR Zakros, ZKR Zakros, ZKR Zakros, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, h m s ISC. Includes stations like BALB Balikesir, BALB Balikesir, BALB Balikesir, etc.

19d Oh

Table with columns for call sign, name, frequency, and other technical details. Includes stations like BUM Brajici-Budva, BLBK Belogradchik, and many others.

2020 MAY

Table with columns for call sign, name, frequency, and other technical details. Includes stations like KHC Kasperske Hory, KHC Kasperka, and many others.

1160

Table with columns for call sign, name, frequency, and other technical details. Includes stations like MOS, BELG Belogomoye, and many others.

Table of satellite data for the left column, including station names like KURK, MAKZ, and KURK, and associated technical details.

Table of satellite data for the middle column, including station names like EPYK, G27K, and G26K, and associated technical details.

Table of satellite data for the right column, including station names like MSVF, NIUE, and MARC, and associated technical details.

19d 0h: 18:22.6: 1.2, 34.1: 10N: 25: 70E, h0km, mb3.6/9, mbmt3.6/15, ML3.0/5, Error ellipse: s-maj=2.37km s-min=17.6km az=6.0

19d 0h: 18:24.2: 3.4, 15N: 25: 66E, h2km, ML3.0/13 AFAD 19:00:18.33: 1.34: 62N: 26: 47E, h6km, mb7, ML2.7

19d 0h: 18:24.2: 0.8, 34:10N: 06: 25: 82E, 0.05, h10km, Res: 0.267/63, mb3.7/8, Crete

Table of satellite data for the right column, including station names like ZKR, IDI, and GVD, and associated technical details.

19d 0h: 12:50.4: 2.3, 20: 75S: 178: 30W, h610km, 20km, mb3.6/4, mbmt4.5/6, Error ellipse: s-maj=35.8km s-min=24.9km

19d 0h: 12:52.0: 1.3, 20: 78S: 0: 2: 178: 56W, 0: 08, h601km, 7km, mb4.2/19, Error ellipse: s-maj=22.9km s-min=9.4km az=166.0

19d 0h: 12:51.5: 0.5, 20: 80S: 0: 1: 178: 57W, 0: 09, h600km, n46, az=166.0

19d 0h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SULTU, INCE Denzili-Bokkur, INCE comp=E,11nm,1.9s, etc.

VAO 19:00:24:48.10.5, 14.53S:72.79W, h10km, mb4.7, Presumed earthquake

IDC 19:00:24:51.8.2.5, 14.43S:72.83W, h64km, 29km, mb4.0/12, mbtmp4.1/6, MS3.8/1, Error ellipse: s-maj=21.6km s-min=12.0km az=64.0

NEIC 19:00:24:52.9.2.2, 14.49S:0.07:72.90W:0.10, h67km, 5km, mb4.6/56, Error ellipse: s-maj=14.7km s-min=9.3km az=62.0

RSNC 19:00:25:08.4.1.9, 13.3S:14.7W:2.1, h110km, 14km, mB5.0, mb4.5, Mw(mB)4.3

ISC 19:00:24:53.8.0.4, 14.47S:0.05:72.89W:0.07, h83km, n150, r182/149, mb4.6/37, 3D, Central Peru

Main table of station data for 19d 0h, including stations like PB18, PB12, LPAZ, LPVZ, etc., with columns for Code, Station Name, Az, Az', Phase ID, Time, Res.

2020 MAY

Main table of station data for 2020 MAY, including stations like TRCB, TRCB comp=2.36nm,0.7s, TRCB Terra Rica, SNDB, etc., with columns for Code, Station Name, Az, Az', Phase ID, Time, Res.

1162

Table of station data for 1162, including WRA Warramunga Arr 136.56 219, WRA Warramunga Arr 136.56 219, HILR Hailar Array E, etc., with columns for Code, Station Name, Az, Az', Phase ID, Time, Res.

IDC 19:00:26:03.0.2.2, 23.63S:68.75W, h0km, mb4.1/3, mbtmp4.2/5, ML4.5/2, Error ellipse: s-maj=55.4km s-min=48.6km az=48.0

GUC 19:00:26:25.6.0.8, 22.22S:68.54W, h136km, 5km, ML3.9

ISC 19:00:26:24.7.0.9, 22.23S:0.06:68.51W:0.07, h137km, 8km, n20, r130/25, 1C-1D, Northern Chile

Main table of station data for 1162, including stations like AFO1, AFO1 San Pedro de A, PB09, etc., with columns for Code, Station Name, Az, Az', Phase ID, Time, Res.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAR, Alice Springs, and various repeaters.

ADC 19 00:28:40.1, 2.34109N, 25.68E, h0km, mb3.6/5, mbmp3.6/10, ML3.1/5, MS3.7/1, Error ellipse: s-maj=24.2km s-min=18.6km az=9.0

ISK 19 00:28:44.2, 34.311N, 25.63E, h17km, ML2.8/14, THE 19 00:28:45.0, 34.311N, 25.63E, h17km, ML2.8/14, MLh2.9/5

ATH 19 00:28:46.8, 34.499N, 25.65E, h12km, 3km, ML3.0/12, Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

AFAD 19 00:28:52.0, 34.572N, 25.98E, h35km, ML2.7, ISK 19 00:28:43.1, 1.93429N, 0.008257E, h103km, h11km, 10km, n65, r185/83, mb3.5/4, Crete

Main table with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res. Lists stations like ZKR Zakros, SI2 Siteia, NPS Neapolis, etc.

Table with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res. Lists stations like ITM Ithomi, GOLH Golhisar, AKUM Antalya-Kumluca, etc.

IDC 19 00:35:17.4, 1.0, 34.17N, 25.56E, h0km, mb4.0/15, mbmp4.0/22, ML3.7/7, Error ellipse: s-maj=19.8km s-min=14.6km az=5.0

Gil 19 00:35:19.8, 0.0, 34.091N, 0.00125, 96E, 0.001, h0km, Mws4.2, confirmed, NEIC 19 00:35:20.5, 2.2, 34.19N, 0.0425, 63E, 0.07, h10km, 1km, mb4.1/40, Error ellipse: s-maj=11.4km s-min=5.6km az=61.0

ISK 19 00:35:21.5, 34.17N, 25.63E, h71km, ML3.6/17, ATH 19 00:35:22.7, 0.6, 34.311N, 25.69E, h10km, ML3.6/18, Latitude uncertainty: 4 km; Longitude uncertainty: 3 km

THE 19 00:35:24.3, 34.311N, 25.63E, h11km, 12km, M3.2/11, MLh3.2/11

AFAD 19 00:35:37.0, 35.005N, 26.35E, h40km, ML3.0, ISK 19 00:35:18.5, 1.4, 34.10N, 0.0425, 70E, 0.03, h8km, 9km, n268, r184/305, mb4.2/24, 4D, Crete

Main table with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res. Lists stations like ZKR Zakros, ZKR Zakros, ZKR Zakros, etc.

Main table with columns: Code, Station Name, Frequency, Power, Phase ID, Time, Res. Lists stations like DGB zmir, DGB Denizli-Tavas, KNK Mula-Seydike, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like KZIT, SLTI, Mount Meron ar, etc.

IDC 19 00:52:26.1±1.2, 34.08N±0.25, 68E, h0km, mb3.6/7, mbmp3.6/13, ML3.4/5, Error ellipse: s-maj=25.6km

ISC 19 00:52:28.3±0.9, 34.11N±0.1, 25.70E±0.09, h17km, n14, #097/14, mb3.5/6, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like Anoyia, Mount Meron ar, etc.

GII 19 00:53:37.9±0.0, 34.136N±0.002±25.748E±0.001, h0km, Mws3.6, confirmed

IDC 19 00:53:38.5±1.1, 34.11N±25.74E, h0km, mb3.8/10, mbmp3.7/16, ML2.5/3, Error ellipse: s-maj=22.6km

AFAD 19 00:53:50.3, 34.65N±25.97E, h8km, 5km, ML2.8

ISC 19 00:54:06.8, 35.59N±27.10E, h14km, ML1.6/8

ISC 19 00:53:39.6±0.6, 34.05N±0.25±25.85E±0.03, h10km, n67, #192/92, mb3.8/9, Crete

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

2020 MAY

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

MSBI Mazada 8.47 106 P Pn 00 55 42.1 ±0.2

MSBI Mazada 8.47 106 P S 00 55 42.1 ±0.2

KRMI Paran Flat 8.49 115 P S 00 55 42.6 ±0.1

PRNI Paran 8.59 113 P S 00 55 43.9 ±0.2

PRNI Paran 8.59 113 P S 00 55 43.9 ±0.2

PRNI Paran 8.59 113 P S 00 55 43.9 ±0.2

PRNI Paran 8.59 113 P S 00 55 43.9 ±0.2

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PRNI Paran 8.59 113 P S 00 55 43.9 ±0.2

PRNI Paran 8.59 113 P S 00 55 43.9 ±0.2

19d 1h

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

IDC 19 01:06:34.3±3.2, 4.24S; 104.12E, h0km, mb3.8/6, mbmp3.8/6, Error ellipse: s-maj=186.4km s-min=19.9km

DJA 19 01:06:37.2±0.5, 5.5S; 103.3E, h14km, 4km, M4.2/22, mb4.4/3, MLV4.1/22

NEIC 19 01:06:40.4±0.4, 6.66S; 0.08±103.51E±0.05, h59km, 6km, mb4.7/14, Error ellipse: s-maj=11.0km s-min=7.5km

ISC 19 01:06:37.0±6.5, 0.54S; 0.08±103.25E±0.07, h35km, n49, #209/40, mb4.6/13, Southern Sumatra

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

WRA Warramunga Arr 33.68 119 P P 01 13 15.1 ±0.6

WRA Warramunga Arr 33.68 119 P P 01 13 15.1 ±0.6

WRA Warramunga Arr 33.68 119 P P 01 13 15.1 ±0.6

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WRA Warramunga Arr 33.68 119 P P 01 13 15.1 ±0.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VAM Varnos, KARP Karpathos, IMMV Iera Moni Meta, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BRTR Keskin Array B, TIP Tipmagrange, EIL Elat, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VRAC Vranov, AKASG Malin Array Be, AKASG Malin Array Be, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GERS GERRSS Array B, DAVOX Davos/Dischmat, OBN Obninsk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ESDC Sonseca Array, PVAQ Vaqueiros, FINES FINES Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AB31 Akbulak array, ABKAR Akbulak array, TORD Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARCES ARCESS Array B, ARCES ARCESS Array B, KURBB Kurchatov Arra, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBS Kingsbay, ZALV Zalesovo Beam, PALK Pallekele, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONM Songoing Array, SONM Songoing Array, YKA Yellowknife Ar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WEL 19 01:25:08.5-1.2,34.5:25.18'0W,3.3,h300km,31km, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TSZ Takapari Road, DVHZ Dannevirke, PRVH Porir Road, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUC 19 01:32:24.7-0.6,22:67S:69:37W,h90km,2km,ML3.5, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB06 IPOC Station P, PB06 IPOC Station P, PB06 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB03 IPOC Station P, PB03 IPOC Station P, PB03 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB05 IPOC Station P, PB05 IPOC Station P, PB05 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AF01 San Pedro de A, AF01 San Pedro de A, AF01 San Pedro de A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TA01 Diego Aracena, TA01 Diego Aracena, TA01 Diego Aracena, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB14 IPOC Station P, PB14 IPOC Station P, PB14 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like G003 Copiapo, G003 Copiapo, G003 Copiapo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NPS Neapolis, NPS Neapolis, ZKR Zakros, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IMMV Iera Moni Meta, CHAN Chania, KNDR Palaiochora Ch, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EIL Elat, AKASG Malin Array Be, GERS GERRSS Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DAVOX Davos/Dischmat, ESDC Sonseca Array, FINES FINES Array B, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YKA Yellowknife Ar, IDI Anoyia, MMAIL Mount Meron Ar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EIL Elat, AKASG Malin Array Be, GERS GERRSS Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ESDC Sonseca Array, FINES FINES Array B, TORD Torodi Ar. Bea, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SJA 19 01:43:01.4-0.8,21:13S:69:03W,h126km,4km,ML3.5, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB09 IPOC Station P, PB09 IPOC Station P, PB09 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB02 IPOC Station P, PB02 IPOC Station P, PB02 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PB06, AF01, PB05, PB12, etc.

IDC 19 01:52:06.0:1.9,34:11N:25:52E,h0km,mb3.67, mbtmp3.5/11,ML3.4/4,Error ellipse: s-maj=37.6km s-min=20.0km az=25.0

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations and their associated data.

IDC 19 01:52:29.8:0.8,34:27N:25:62E,h0km,mb4.0/18, mbtmp4.0/23,ML3.4/5,Error ellipse: s-maj=18.9km s-min=13.7km az=166.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NEIC, GII, AFAD, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IZZE, MULA, SABU, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SALP, MMLI, MMLT, etc.

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

FUORN Ofenpass-Fuorn 17.12 321 P Pn 01 56 28.8 -1.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KHC, DAVA, SENIN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FINES, FIA1, ABKAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DBIC, KURB, KURK, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like E29M, D23K, G31M, etc.

SSNC 19 02:04:36.0:1.1,19:77N:76:46W,h2km,MD3.0,ML2.5, MW2.7, Presumed earthquake

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CHIV, LMGC, MARVS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Hope, Coleville, Mount Denham, Cccc, etc.

SSNC 19 02:04:43.2.2.2.1977N:76.47W, h5km, gkm, MD3.0, Presumed earthquake, Cuba region. Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC.

IDC 19 02:06:12.4.1.1.34.08N:25.63E, h0km, mb3.77, mbmp3.7/13, ML3.3/5, Error ellipse: s-maj=2.3km s-min=17.2km az=177.0

GII 19 02:06:16.9.0.0.34.047N:0.001:25.995E:0.001, h0km, Mw3.5, confirmed

ISC 19 02:06:13.4.0.8.33.97N:0.08:25.67E:0.06, h10km, n30, r138/47, mb3.7/6, Eastern Mediterranean Sea

Main table for 19d 2h section, columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Anoyia, Apeiranthos, Mathiatis, Kziot, Mount Meron Ar, etc.

SJA 19 02:08:44.0.0.7.22.60S:66.27W, h255km, 4km, ML3.7, MW3.6

IDC 19 02:08:48.8.6.2.1.98S:65.60W, h271km, 59km, mb3.1/2, mbmp3.5/3, Error ellipse: s-maj=116.0km s-min=46.9km az=25.0

ISC 19 02:08:43.7.0.9.22.66S:0.05:66.33W:0.05, h253km, gkm, n24, r152/43, 1C, Jujuy Province

Table for 19d 2h section, columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YJA, HJA, SALTA, IPOC Station P, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IPOC Station P, TORO, YKA, MKAR, etc.

NEIC 19 02:13:32.8.1.3.38.154N:0.009:117.96W:0.01, h9km, 4km, ML3.3/134, ML3.4/13(REN), Error ellipse: s-maj=1.5km s-min=1.2km az=134.0

IDC 19 02:13:32.7.1.6.38.13N:117.90W, h0km, mb2.8/1, mbmp2.9/3, ML3.5/2, MS3.3/1, Error ellipse: s-maj=14.9km s-min=5.7km az=8.0

REN 19 02:13:33.2.1.2.38.16N:0.01:117.96W:0.02, h7km, 2km, Error ellipse: s-maj=1.9km s-min=1.5km az=69.0

ISC 19 02:13:33.0.1.1.38.14N:0.02:117.97W:0.02, h5km, 10km, n84, r67/71, Nevada

Main table for 2020 MAY section, columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Mina Array Sit, NV11, NV11, NV11, etc.

DSP Deep Springs 0.77 180 Sg Pg 02 13 48.0 +0.2

DSP Deep Springs 0.77 180 Sg Pg 02 13 48.9 +0.2

MCSB Casa Benchmark 0.89 236 Sg Pg 02 13 50.2 +0.1

KVN Kaiserville 0.91 353 Sg Pg 02 13 49.9 +0.7

KVN Kaiserville 0.91 353 Sg Pg 02 14 01.6 +0.8

KVN 0.24 06.5 IAML I 02 14 06.5

Q09A Carvers 0.92 42 Sg Pg 02 13 50.4 +0.4

Q09A Carvers 0.92 42 Sg Pg 02 14 02.6 +0.2

Q09A 0.24 06.5 IAML I 02 14 03.6

LCH Last Change Ra 0.94 164 Pg Pg 02 13 51.3 +0.1

MDYM Dry Creek 0.96 240 Pg Pg 02 13 51.5 +0.1

GMN Gold Mountain 1.01 146 Pg Pg 02 13 52.2 +0.4

MDPB Devils Postpil 1.02 240 Pg Pg 02 13 55.2 +0.2

MDPB 0.24 06.5 IAML I 02 14 06.7

MDPB 0.24 07.1 IAML I 02 14 07.1

TIN Tinemaha, Big 1.11 191 Pg Pg 02 13 54.1 +0.2

WAKR Walker 1.21 288 Pg Pg 02 13 55.7 +0.5

WAKR 1.21 288 IAML I 02 14 13.0 +0.7

WAKR Walker 1.21 288 IAML I 02 14 16.1

GRAC Grapevine Rang 1.24 157 Pp Pg 02 13 56.5 +0.4

KCC Kaiser Creek 1.35 233 Pp Pg 02 13 58.2 +0.3

PNTR Pine Nut 1.59 307 IAML I 02 14 01.1 +0.9

PNTR Pine Nut 1.59 307 IAML I 02 14 28.8

CWC Cottonwood Cre 1.70 183 Pn Pn 02 14 03.7 +0.2

WCT Wildcat Mounda 1.72 141 Pn Pn 02 14 03.0 +0.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like China Lake, Queen of Sheba, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Sheep Range, Big Mountain B, etc.

IDC 19 02:13:31.2.1.6.34.29N:25.51E, h0km, mb3.3/4, mbmp3.3/4, Error ellipse: s-maj=63.1km s-min=25.0km az=155.0, Crete

IDC 19 02:23:12.5.1.7.3.44S:145.38E, h0km, mb3.9/4, mbmp4.0/5, ML4.2/1, MS3.2/3, Error ellipse: s-maj=73.8km s-min=25.0km az=115.0

NEIC 19 02:23:15.4.1.6.3.35S:145.2E:0.2, h10km, 1km, mb4.3/13, Error ellipse: s-maj=35.0km s-min=13.9km az=306.0

ISC 19 02:23:16.4.0.8.3.4S:0.1:145.4E:0.2, h23km, n25, r123/23, mb4.2/7, Near north coast of New Guinea

Main table for 1168 section, columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Sonseca Array, TORO, KURBB, MKAR, etc.

IDC 19 02:23:12.5.1.7.3.44S:145.38E, h0km, mb3.9/4, mbmp4.0/5, ML4.2/1, MS3.2/3, Error ellipse: s-maj=73.8km s-min=25.0km az=115.0

NEIC 19 02:23:15.4.1.6.3.35S:145.2E:0.2, h10km, 1km, mb4.3/13, Error ellipse: s-maj=35.0km s-min=13.9km az=306.0

ISC 19 02:23:16.4.0.8.3.4S:0.1:145.4E:0.2, h23km, n25, r123/23, mb4.2/7, Near north coast of New Guinea

Main table for 1168 section, columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MANU, JAY, COEN, WBO, etc.

19d 2h

Table with columns: Station, Name, Time, Az, El, Pn, Az, El, Pn, Az, El, Pn. Includes stations like BRTR Keskin Array B, KSHT Keshet, DSI Dead Sea, etc.

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Table with columns: RETA, Reutte, Time, Az, El, Pn, Az, El, Pn, Az, El, Pn. Includes stations like KHC Kasperke Hory, TUE Stuetta, ZVC Zvikov, etc.

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Table with columns: Station, Name, Time, Az, El, Pn, Az, El, Pn, Az, El, Pn. Includes stations like AB31 Akbulak array, ABKAR Akbulak array, TORO Tori Array, etc.

19C 02:48:45.5, 0.8, 34.10N, 25.59E, h0km, mb4.0/16, mtimp3.925, ML3.776, MS2.913, Error ellipse: base=16.3km s-min=13.7km az=1.0. Gll 19 02:48:45.9, 0.0, 34.038N, 0.002-25.671E, h0km, Mws4.3, confirmed. ATH 19 02:48:47.0, 0.6, 34.06N, 25.75E, h10km, ML3.9/13, Latitude uncertainty: 4 km; Longitude uncertainty: 2 km. ISK 19 02:48:47.2, 34.23N-25.56E, h5km, ML3.8/15. NEIC 19 02:48:48.2, 1.5, 34.03N, 0.07-25.52E, 0.07, h10km, 1km, mb4.2/38, Error ellipse: s-maj=12.0km s-min=8.8km az=197.0. THE 19 02:48:53.3, 35.1N, 14.2E, h4km, 10km, M3.5/12, WlR3.5/12. AFAD 19 02:48:58.0, 34.42N, 26.06E, h40km, MW4.2. IAC 19 02:48:57.9, 1.1, 34.10N, 0.04, 25.68E, h13km, g1km, n239, r169/271, mb4.2/35, MS3.9, 12.2D, Crete. Code Station Name Az El Pn Phase ID Time Res. ZKR Zakros 1.10 23 Op ISC 02 49 07.7 -1.1. ZKR Zakros 1.10 23 Sg Sb 02 49 23.8 +0.8. ZKR Zakros 1.10 23 P Sb 02 49 07.9 -1.6. ZKR Zakros 1.10 23 S Sb 02 49 18.3 -4.7. ZKR Zakros 1.10 23 S Sb 02 49 07.2 -1.6. ZKR Zakros 1.10 23 S Sb 02 49 24.5 -1.0. STIA Sitia Lasithi 1.15 17 P S Sb 02 49 08.6 -0.9. STIA Sitia 1.16 17 P S Sb 02 49 09.2 -0.4. SIT2 Sitia 1.16 17 S S Sb 02 49 26.7 +1.4. NPS Neapolis 1.16 357 P S Sb 02 49 07.2 -2.6. NPS Neapolis 1.16 357 S S Sb 02 49 17.6 -7.1. NPS Neapolis 1.16 357 S S Sb 02 49 08.5 -1.3. NPS Neapolis 1.16 357 S S Sb 02 49 25.8 +0.5. IDI Anoyia 1.35 331 Pn Sb 02 49 11.2 -3.3. IDI Anoyia 1.35 331 P Sb 02 49 30.0 -0.3. IDI Anoyia 1.35 331 Pn Sb 02 49 10.9 -1.6. IDI Anoyia 1.35 331 Pn Sb 02 49 13.6 +0.5. IDI Anoyia 1.35 331 Pn Sb 02 49 30.8 +0.5. IDI Anoyia 1.35 331 Pn Sb 02 49 14.2 +0.3. GVD Gavdhos 1.51 300 Pn Sb 02 49 14.1 -0.5. GVD Gavdhos 1.51 300 Pn Sb 02 49 34.1 +0.2. GVD Gavdhos 1.51 300 Pn Sb 02 49 36.3 -0.3. GVD Gavdhos 1.51 300 Pn Sb 02 49 14.9 +0.3. GVD Gavdhos 1.51 300 S Sg 02 49 36.2 -0.4. VAM Vamos 1.79 317 Pn Sb 02 49 19.4 +1.1. VAM Vamos 1.79 317 Pn Sb 02 49 19.7 +1.3. VAM Vamos 1.95 315 Pn Sb 02 49 43.9 +1.2. KARP Karpathos 1.89 40 Pn Sb 02 49 21.6 +1.8. KARP Karpathos 1.89 40 Pn Sb 02 49 22.9 +0.7. KARP Karpathos 1.89 40 Pn Sb 02 49 21.7 +1.9. KARP Karpathos 1.89 40 Pn Sb 02 49 20.5 +0.7. CHNB Souda 1.92 317 Pn Sb 02 49 22.6 0.0. CHNB Souda 1.95 315 Pn Sb 02 49 20.4 +0.2. IMMV Iera Moni Meta 1.95 315 Pn Sb 02 49 21.7 +1.0. IMMV Iera Moni Meta 1.95 315 Pn Sb 02 49 22.1 +1.5. IMMV Iera Moni Meta 1.95 315 Pn Sb 02 49 22.6 -0.7. CHAN Chania 1.97 316 Pn Sb 02 49 22.4 +1.6. KNDR Palaiochora Ch 2.04 304 Pn Sb 02 49 21.7 -0.1. THERA Ancient Thera 2.27 356 Pn Sb 02 49 25.1 +0.2.

Table with columns: Name, RA, Dec, Mag, Type, and other details. Includes entries like THERA, SAP3, ANKY, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other details. Includes entries like SALO, KIV, KBZ, etc.

Table with columns: Name, RA, Dec, Mag, Type, and other details. Includes entries like ARCES, DBIC, MKAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Zeytinokoy-Aydi, DENIZLI_Tavas, ELL, ZMR, APMY, KIRA, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MALIN ARAY BE, FINES, KURBUB, etc.

ISC 1903:17:12.3, 0.3, 37.565N, 141.411E, 0.003, h49km, 2km, h49km; p-P, n1308, r1949/1065, m5.3/5.19, MS4.5/123, 127C-82D, Near east coast of eastern Honshu

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Minamisunatoc, Kawauchi, Marumori, Iwakimizuishi, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Aomorirokkasho, IZUSHIMODA, SHIZUOKA, etc.

Table with columns: Station Name, Frequency, Mode, Direction, Time, and other parameters. Includes stations like KSRS, KSAF, KSAR, etc.

Table with columns: Station Name, Frequency, Mode, Direction, Time, and other parameters. Includes stations like TIA, HIA, Hailar, etc.

Table with columns: Station Name, Frequency, Mode, Direction, Time, and other parameters. Includes stations like BTO2, YAK, YAKUTSK, etc.

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like GTA2 Gaotai, QIZ Qiongzong, DAV Davao City (W), etc.

Table with columns: ZSN, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ZSN Zaisan, LSA Lhasa, K15K Wolf Creek, etc.

Table with columns: Station ID, Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SATY Saty, G23K Banza Creek, H24K Hardening Lake, etc.

19d 3h

Table with columns for station name, frequency, power, and other technical details. Includes stations like NCK, G08A, LKOR, KIVOR, KBZ, etc.

2020 MAY

Table with columns for station name, frequency, power, and other technical details. Includes stations like FFC, GEVA, FCC, DOMB, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like ONAU, DEL, FABU, TOKA, etc.

Table with columns for station call letters, frequency, power, mode, and location. It lists various radio stations and their operational parameters for May 2020.

19d 3h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like Cedar Bluff, Davos/Dischmat, Herstmouceux, etc.

2020 MAY

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like PGAV, MVO, POLO, ESDC, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like MARVS, YAR, YAR, etc.

REN 19 03:43:22.8; 1.1, 39.14N, 0.01117.89W, 0.02, h8km, 5km, Error ellipse: s-maj=2.2km s-min=1.4km az=52.0 NEIC 19 03:43:22.3; 1.5, 38.14N, 0.01117.89W, 0.01, h10km, 1km, M-L3/3/120, M-L3.5/14(REN), Error ellipse: s-maj=2.9km s-min=2.5km az=166.0, Nevada

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like NV11, NV06, etc.

SSNC 19 03:26:37.4; 1.1, 19.70N, 76.47W, h5km, 5km, MD3.2, ML2.8, MW2.8, Presumed earthquake JSN 19 03:26:38.3; 0.7, 19.69N, 76.45W, h26km, 13km, MD3.7, Presumed earthquake ISC 19 03:26:35.3; 2.0, 19.71N, 0.00376.48W, 0.03, h17km, 15km, n23, e103/44, 1C-2D, Cuba region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KURSB, MKAR, YKA.

NOU 19 04:00:21.1, 42.83S, 172.91E, h15km, MLv3.5/8, South Island, New Zealand

WEL 19 04:00:21.3, 0.5, 43.2, 17.3E, h10km, 3km, M3.0/9, ML2.8/9, MLv3.0/9, Error ellipse: s-maj=3.6km

ISC 19 04:00:21.2, 0.8, 42.73S, 172.82E, h14km, 5km, n51, c076/58, South Island

Main table of station data for the 19d 4h period, listing station names, coordinates, and seismic parameters.

19 04:00:51.1, 0.9, 34.11N, 25.68E, h0km, mb3.8/10, mbmp3.8/18, ML3.2/7, Error ellipse: s-maj=18.7km

19 04:00:54.4, 34.23N, 25.59E, h7km, ML3.3/15, GII 19 04:00:56.4, 0.0, 34.268N, 0.001, 26.224E, h0km, Mw5.0, confirmed

ATH 19 04:01:00.0, 0.5, 34.85N, 25.55E, h10km, ML2.8/7, Latitude uncertainty: 4 km; Longitude uncertainty: 1 km

AFAD 19 04:01:00.4, 34.66N, 26.30E, h6km, 4km, ML2.6

ISC 19 04:00:51.4, 1.5, 34.23N, 0.005, 25.84E, h5km, 9km, n81, c29/112, mb3.7/9, Crete

Main table of station data for the 19d 4h period, continuing from the previous table.

Main table of station data for the 2020 MAY period, listing station names, coordinates, and seismic parameters.

19 04:05:45.5, 1.2, 34.13N, 25.65E, h0km, mb3.4/6, mbmp3.5/10, ML2.7/3, Error ellipse: s-maj=23.7km

19 04:05:46.4, 0.8, 34.11N, 0.1, 25.79E, h10km, n11, c19/23, mb3.4/5, Crete

Main table of station data for the 2020 MAY period, continuing from the previous table.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MKAR, SPITS, YKA.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JMA, JGN, JNG.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JMA, JGN, JNG.

19 04:08:59.9, 1.3, 34.28N, 25.64E, h0km, mb3.3/6, mbmp3.3/8, ML3.6/2, Error ellipse: s-maj=26.3km

19 04:09:01.1, 0.9, 34.2N, 0.1, 25.7E, h10km, n9, c19/15, mb3.2/5, Crete

Main table of station data for the 2020 MAY period, continuing from the previous table.

19 04:12:27.4, 0.0, 36.3N, 0.1, 137.6E, h1km, n11, c13/7, mb3.0/1, HIDA MOUNTAINS REGION, Eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JGN, JNG, JMT.

19 04:12:57.5, 36.25N, 138.07E, h24km, mb5.4/30, mb4.7/67, Ms5.4/75, Ms7.5/173

19 04:12:58.1, 1.0, 36.28N, 137.72E, h13km, mb5.1/58, Ms4.8/15, Error ellipse: s-maj=6.6km s-min=4.1km az=105.6

19 04:12:58.6, 0.4, 36.33N, 137.64E, h0km, mb4.5/40, mbmp4.5/45, ML4.1/5, Ms4.7/79, Error ellipse: s-maj=1.6km s-min=0.4km az=168.0

19 04:13:00.2, 0.1, 36.32N, 137.6E, h2km, 1km, n5, Ms5.4/20, Mw5.2/20, HIDA MOUNTAINS REGION

19 04:13:00.2, 36.28N, 137.63E, h2km, Mw5.2, Moment Tensor Solution, s3 Moment tensor: Scale 1019Nm; Mr=0.21; Ms=2.07; Mw=2.28; Mw=0.47; Mw=6.00; Mw=0.04; Fault plane solution: M6.40000x10^6 NP1.9, 0.00000x, 886.00000, 1.1, 0.00000. NP2.9, 100.00000, 889.00000, 1.176.00000.

19 04:12:60.0, 1.2, 36.29N, 0.06, 137.69E, h10km, 1km, mb5.1/347, Mw5.2/24, Mw5.2/26, Error ellipse: s-maj=9.7km s-min=8.4km az=208.0, Moment Tensor Solution, Moment tensor: Scale 1019Nm; Mr=3.35; Ms=2.65; Mw=0.70; Mw=0.12; Mw=5.91; Mw=3.40; Fault plane solution: M7.47000x10^6 NP1.9, 193.84000, 671.15000, 1.40, 31000. NP2.9, 88.51000, 852.25000, 1.155.88000. Principal axes: T 6.5493, Plg41.0000, Azm58.0000; N 1.5922, Plg46.0000, Azm215.0000; P -8.1415, Plg12.0000, Azm317.0000.

19 04:13:00.7, 36.24N, 137.82E, h14km, Moment Tensor Solution, Duration: 233 Moment tensor: Scale 1019Nm; Mr=0.66; Ms=2.94; Mw=2.28; Mw=2.29; Mw=6.44; Mw=2.86; Fault plane solution: M7.87000x10^6 NP1.9, 194.04000, 870.49000, 1.16, 82000. NP2.9, 98.27000, 874.18000, 1.159.68000, 1.16, 82000. Principal axes: T 8.3439, Azm54.0000; N 0.2600, Plg64.0000, Azm285.0000; P -7.0200, Plg19.0000, Azm150.0000.

19 04:13:00.36, 28N, 137.69E, h10km, Moment Tensor Solution, Duration: 233 Moment tensor: Scale 1019Nm; Mr=0.66; Ms=2.94; Mw=2.28; Mw=2.29; Mw=6.44; Mw=2.86; Fault plane solution: M7.87000x10^6 NP1.9, 194.04000, 870.49000, 1.16, 82000. NP2.9, 98.27000, 874.18000, 1.159.68000, 1.16, 82000. Principal axes: T 8.3439, Azm54.0000; N 0.2600, Plg64.0000, Azm285.0000; P -7.0200, Plg19.0000, Azm150.0000.

19 04:13:00.0, 1.3, 36.32N, 137.70E, h10km, Moment Tensor Solution, Duration: 233 Moment tensor: Scale 1019Nm; Mr=0.66; Ms=2.94; Mw=2.28; Mw=2.29; Mw=6.44; Mw=2.86; Fault plane solution: M7.87000x10^6 NP1.9, 194.04000, 870.49000, 1.16, 82000. NP2.9, 98.27000, 874.18000, 1.159.68000, 1.16, 82000. Principal axes: T 8.3439, Azm54.0000; N 0.2600, Plg64.0000, Azm285.0000; P -7.0200, Plg19.0000, Azm150.0000.

19 04:13:00.0, 1.3, 36.32N, 137.70E, h10km, Moment Tensor Solution, Duration: 233 Moment tensor: Scale 1019Nm; Mr=0.66; Ms=2.94; Mw=2.28; Mw=2.29; Mw=6.44; Mw=2.86; Fault plane solution: M7.87000x10^6 NP1.9, 194.04000, 870.49000, 1.16, 82000. NP2.9, 98.27000, 874.18000, 1.159.68000, 1.16, 82000. Principal axes: T 8.3439, Azm54.0000; N 0.2600, Plg64.0000, Azm285.0000; P -7.0200, Plg19.0000, Azm150.0000.

19 04:13:00.0, 1.3, 36.32N, 137.70E, h10km, Moment Tensor Solution, Duration: 233 Moment tensor: Scale 1019Nm; Mr=0.66; Ms=2.94; Mw=2.28; Mw=2.29; Mw=6.44; Mw=2.86; Fault plane solution: M7.87000x10^6 NP1.9, 194.04000, 870.49000, 1.16, 82000. NP2.9, 98.27000, 874.18000, 1.159.68000, 1.16, 82000. Principal axes: T 8.3439, Azm54.0000; N 0.2600, Plg64.0000, Azm285.0000; P -7.0200, Plg19.0000, Azm150.0000.

19 04:13:00.0, 1.3, 36.32N, 137.70E, h10km, Moment Tensor Solution, Duration: 233 Moment tensor: Scale 1019Nm; Mr=0.66; Ms=2.94; Mw=2.28; Mw=2.29; Mw=6.44; Mw=2.86; Fault plane solution: M7.87000x10^6 NP1.9, 194.04000, 870.49000, 1.16, 82000. NP2.9, 98.27000, 874.18000, 1.159.68000, 1.16, 82000. Principal axes: T 8.3439, Azm54.0000; N 0.2600, Plg64.0000, Azm285.0000; P -7.0200, Plg19.0000, Azm150.0000.

19 04:13:00.0, 1.3, 36.32N, 137.70E, h10km, Moment Tensor Solution, Duration: 233 Moment tensor: Scale 1019Nm; Mr=0.66; Ms=2.94; Mw=2.28; Mw=2.29; Mw=6.44; Mw=2.86; Fault plane solution: M7.87000x10^6 NP1.9, 194.04000, 870.49000, 1.16, 82000. NP2.9, 98.27000, 874.18000, 1.159.68000, 1.16, 82000. Principal axes: T 8.3439, Azm54.0000; N 0.2600, Plg64.0000, Azm285.0000; P -7.0200, Plg19.0000, Azm150.0000.

19 04:13:00.0, 1.3, 36.32N, 137.70E, h10km, Moment Tensor Solution, Duration: 233 Moment tensor: Scale 1019Nm; Mr=0.66; Ms=2.94; Mw=2.28; Mw=2.29; Mw=6.44; Mw=2.86; Fault plane solution: M7.87000x10^6 NP1.9, 194.04000, 870.49000, 1.16, 82000. NP2.9, 98.27000, 874.18000, 1.159.68000, 1.16, 82000. Principal axes: T 8.3439, Azm54.0000; N 0.2600, Plg64.0000, Azm285.0000; P -7.0200, Plg19.0000, Azm150.0000.

19 04:13:00.0, 1.3, 36.32N, 137.70E, h10km, Moment Tensor Solution, Duration: 233 Moment tensor: Scale 1019Nm; Mr=0.66; Ms=2.94; Mw=2.28; Mw=2.29; Mw=6.44; Mw=2.86; Fault plane solution: M7.87000x10^6 NP1.9, 194.04000, 870.49000, 1.16, 82000. NP2.9, 98.27000, 874.18000, 1.159.68000, 1.16, 82000. Principal axes: T 8.3439, Azm54.0000; N 0.2600, Plg64.0000, Azm285.0000; P -7.0200, Plg19.0000, Azm150.0000.

19 04:13:00.0, 1.3, 36.32N, 137.70E, h10km, Moment Tensor Solution, Duration: 233 Moment tensor: Scale 1019Nm; Mr=0.66; Ms=2.94; Mw=2.28; Mw=2.29; Mw=6.44; Mw=2.86; Fault plane solution: M7.87000x10^6 NP1.9, 194.04000, 870.49000, 1.16, 82000. NP2.9, 98.27000, 874.18000, 1.159.68000, 1.16, 82000. Principal axes: T 8.3439, Azm54.0000; N 0.2600, Plg64.0000, Azm285.0000; P -7.0200, Plg19.0000, Azm150.0000.

19 04:13:00.0, 1.3, 36.32N, 137.70E, h10km, Moment Tensor Solution, Duration: 233 Moment tensor: Scale 1019Nm; Mr=0.66; Ms=2.94; Mw=2.28; Mw=2.29; Mw=6.44; Mw=2.86; Fault plane solution: M7.87000x10^6 NP1.9, 194.04000, 870.49000, 1.16, 82000. NP2.9, 98.27000, 874.18000, 1.159.68000, 1.16, 82000. Principal axes: T 8.3439, Azm54.0000; N 0.2600, Plg64.0000, Azm285.0000; P -7.0200, Plg19.0000, Azm150.0000.

19 04:13:00.0, 1.3, 36.32N, 137.70E, h10km, Moment Tensor Solution, Duration: 233 Moment tensor: Scale 1019Nm; Mr=0.66; Ms=2.94; Mw=2.28; Mw=2.29; Mw=6.44; Mw=2.86; Fault plane solution: M7.87000x10^6 NP1.9, 194.04000, 870.49000, 1.16, 82000. NP2.9, 98.27000, 874.18000, 1.159.68000, 1.16, 82000. Principal axes: T 8.3439, Azm54.0000; N 0.2600, Plg64.0000, Azm285.0000; P -7.0200, Plg19.0000, Azm150.0000.

19 04:13:00.0, 1.3, 36.32N, 137.70E, h10km, Moment Tensor Solution, Duration: 233 Moment tensor: Scale 1019Nm; Mr=0.66; Ms=2.94; Mw=2.28; Mw=2.29; Mw=6.44; Mw=2.86; Fault plane solution: M7.87000x10^6 NP1.9, 194.04000, 870.49000, 1.16, 82000. NP2.9, 98.27000, 874.18000, 1.159.68000, 1.16, 82000. Principal axes: T 8.3439, Azm54.0000; N 0.2600, Plg64.0000, Azm285.0000; P -7.0200, Plg19.0000, Azm150.0000.

19 04:13:00.0, 1.3, 36.32N, 137.70E, h10km, Moment Tensor Solution, Duration: 233 Moment tensor: Scale 1019Nm; Mr=0.66; Ms=2.94; Mw=2.28; Mw=2.29; Mw=6.44; Mw=2.86; Fault plane solution: M7.87000x10^6 NP1.9, 194.04000, 870.49000, 1.16, 82000. NP2.9, 98.27000, 874.18000, 1.159.68000, 1.16, 82000. Principal axes: T 8.3439, Azm54.0000; N 0.2600, Plg64.0000, Azm285.0000; P -7.0200, Plg19.0000, Azm150.0000.

19 04:13:00.0, 1.3, 36.32N, 137.70E, h10km, Moment Tensor Solution, Duration: 233 Moment tensor: Scale 1019Nm; Mr=0.66; Ms=2.94; Mw=2.28; Mw=2.29; Mw=6.44; Mw=2.86; Fault plane solution: M7.87000x10^6 NP1.9, 194.04000, 870.49000, 1.16, 82000. NP2.9, 98.27000, 874.18000, 1.159.68000, 1.16, 82000. Principal axes: T 8.3439, Azm54.0000; N 0.2600, Plg64.0000, Azm285.0000; P -7.0200, Plg19.0000, Azm150.0000.

19 04:13:00.0, 1.3, 36.32N, 137.70E, h10km, Moment Tensor Solution, Duration: 233 Moment tensor: Scale 1019Nm; Mr=0.66; Ms=2.94; Mw=2.28; Mw=2.29; Mw=6.44; Mw=2.86; Fault plane solution: M7.87000x10^6 NP1.9, 194.04000, 870.49000, 1.16, 82000. NP2.9, 98.27000, 874.18000, 1.159.68000, 1.16, 82000. Principal axes: T 8.3439, Azm54.0000; N 0.2600, Plg64.0000, Azm285.0000; P -7.0200, Plg19.0000, Azm150.0000.

19 04:13:00.0, 1.3, 36.32N, 137.70E, h10km, Moment Tensor Solution, Duration: 233 Moment tensor: Scale 1019Nm; Mr=0.66; Ms=2.94; Mw=2.28; Mw=2.29; Mw=6.44; Mw=2.86; Fault plane solution: M7.87000x10^6 NP1.9, 194.04000, 870.49000, 1.16, 82000. NP2.9, 98.27000, 874.18000, 1.159.68000, 1.16, 82000. Principal axes: T 8.3439, Azm54.0000; N 0.2600, Plg64.0000, Azm285.0000; P -7.0200, Plg19.0000, Azm150.0000.

19 04:13:00.0, 1.3, 36.32N, 137.70E, h10km, Moment Tensor Solution, Duration: 233 Moment tensor: Scale 1019Nm; Mr=0.66; Ms=2.94; Mw=2.28; Mw=2.29; Mw=6.44; Mw=2.86; Fault plane solution: M7.87000x10^6 NP1.9, 194.04000, 870.49000, 1.16, 82000. NP2.9, 98.27000, 874.18000, 1.159.68000, 1.16, 82000. Principal axes: T 8.3439, Azm54.0000; N 0.2600, Plg64.0000, Azm285.0000; P -7.0200, Plg19.0000, Azm150.0000.

19 04:13:00.0, 1.3, 36.32N, 137.70E, h10km, Moment Tensor Solution, Duration: 233 Moment tensor: Scale 1019Nm; Mr=0.66; Ms=2.94; Mw=2.28; Mw=2.29; Mw=6.44; Mw=2.86; Fault plane solution: M7.87000x10^6 NP1.9, 194.04000, 870.49000, 1.16, 82000. NP2.9, 98.27000, 874.18000, 1.159.68000, 1.16, 82000. Principal axes: T 8.3439, Azm54.0000; N 0.2600, Plg64.0000, Azm285.0000; P -7.0200, Plg19.0000, Azm150.0000.

19 04:13:00.0, 1.3, 36.32N, 137.70E, h10km, Moment Tensor Solution, Duration: 233 Moment tensor: Scale 1019Nm; Mr=0.66; Ms=2.94; Mw=2.28; Mw=2.29; Mw=6.44; Mw=2.86; Fault plane solution: M7.87000x10^6 NP1.9, 194.04000, 870.49000, 1.16, 82000. NP2.9, 98.27000, 874.18000, 1.159.68000, 1.16, 82000. Principal axes: T 8.3439, Azm54.0000; N 0.2600, Plg64.0000, Azm285.0000; P -7.0200, Plg19.0000, Azm150.0000.

Table with columns: MAT, Matsushiro, 0.50 57 iP, Pg, 04 13 08.4 -1.3, etc. Lists various stations and their associated data.

Table with columns: JYA, Atsumi, 2.82 34 A, 04 13 45.7, etc. Lists various stations and their associated data.

Table with columns: DL2, comp=N,71nm,1.0s, pmax, pmax, etc. Lists various stations and their associated data.

G18K	Tagagawik	46.82	30	P	P	04 21 30.0 +0.5
H18K	Honhosa River	46.86	31	I	I	04 21 36.1
H18K	Honhosa River	46.86	31	P	P	04 21 30.3 +0.4
C19K	Lookout Ridge	46.95	26	P	P	04 21 31.0 +0.4
R16K	Pilot Point	47.00	42	P	P	04 21 31.4 +0.4
M17K	Holitna River	47.04	37	P	P	04 21 31.4 +0.1
N17K	Nushagak Hills	47.15	38	I	I	04 21 39.7
N17K	Nushagak Hills	47.15	38	P	P	04 21 32.4 +0.2
O17K	Koliganek Bris	47.20	39	P	P	04 21 32.8 +0.3
F19K	Shaleruckik Mo	47.28	29	P	P	04 21 33.5 +0.4
D19K	Kuna River	47.37	27	P	P	04 21 34.2 +0.3
L18K	Granite Mounta	47.42	35	P	P	04 21 34.4 +0.1
GCSA	Galena City Sc	47.45	32	P	P	04 21 34.8 +0.4
G19K	Purcell Mounta	47.48	30	P	P	04 21 34.9 +0.3
P17K	Kvichak River	47.54	40	P	P	04 21 35.2 0.0
E19K	Redstone River	47.56	28	I	I	04 21 38.7
E19K	Redstone River	47.56	28	P	P	04 21 35.5 +0.2
R17L	Mt. Peulik Vol	47.65	42	P	P	04 21 35.9 -0.2
H19K	Roundabout Mou	47.69	31	P	P	04 21 36.2 0.0
N18K	Kilae Creek	47.79	38	P	P	04 21 37.3 +0.1
M18K	Stony River	47.82	36	P	P	04 21 37.7 +0.4
Q17K	Contact Creek	47.87	41	P	P	04 21 37.9 0.0
SGDS	Sogindj	47.91 299	eP	P	P	04 21 38.4 -0.1
BRZS	Berezinski	47.92 308	eP	P	P	04 21 38.0 -0.3
BRZS	Berezinski	47.92 308	eP	P	P	04 21 38.1 -0.3
B20K	Meade River	47.94 25	P	P	P	04 21 37.7 -0.4
D20K	Etlvuk River	47.95 27	P	P	P	04 21 38.1 -0.2
BTL5	Baital	47.95 301	eP	P	P	04 21 38.5 -0.1
BTL5	Baital	47.95 301	eP	P	P	04 21 38.6 -0.1
J19K	Poorman	47.96 33	I	I	I	04 21 45.2
J19K	Poorman	47.96 33	P	P	P	04 21 38.6 +0.2
E20K	Nigu River	48.05 27	P	P	P	04 21 39.2 +0.1
F20K	Avaara Lake	48.10 29	P	P	P	04 21 39.4 -0.1
O18K	Koktuh Hills	48.15 39	I	I	I	04 22 01.3
O18K	Koktuh Hills	48.15 39	P	P	P	04 21 40.2 +0.2
P18K	Big Mountain,	48.16 39	P	P	P	04 21 40.0 -0.1
CHIR	Chirikof Islan	48.18 44	P	P	P	04 21 40.0 -0.2
AAK	Ala-Archa	48.21 298	LR	LR	LR	04 42 24.3
AAK	Ala-Archa	48.21 298	P	P	P	04 21 40.1 -0.8
AAK	Ala-Archa	48.21 298	eP	P	P	04 21 40.5 -0.4
L19K	White Mountain	48.28 35	P	P	P	04 21 40.8 -0.2
Q18K	Katmai Hardscr	48.31 40	P	P	P	04 21 41.8 +0.5
H20K	Anotleneega Mo	48.34 31	P	P	P	04 21 41.7 +0.4
KSH2	Kashi	48.38 293	P	P	P	04 21 45.6 +3.4
N19K	Bonanza Creek	48.48 37	P	P	P	04 21 42.7 +0.1
I20K	Naaghedeneel	48.48 32	P	P	P	04 21 42.7 +0.3
M19K	Big River Lodg	48.50 36	P	P	P	04 21 42.6 0.0
O19K	Port Alsworth	48.58 38	I	I	I	04 21 49.6
J20K	Novinta River	48.61 33	P	P	P	04 21 43.6 +0.2
K20K	Telida	48.64 34	P	P	P	04 21 44.0 +0.3
C21K	Knifeflaid Rid	48.66 26	P	P	P	04 21 44.1 +0.4
B21K	Ikpikpuk River	48.77 26	P	P	P	04 21 44.4 -0.1
A22K	Sinclair Lake	48.81 24	P	P	P	04 21 45.3 +0.5
IMAR	Indian Mountai	48.83 30	P	P	P	04 21 45.2 +0.1
BVAR	Borovyoye Array	48.87 312	P	P	P	04 21 45.0 -0.6
BVAR	Borovyoye Array	48.87 312	P	P	P	04 21 45.0 -0.6
E21K	Kilik River	48.89 27	P	P	P	04 21 45.0 -0.6
BORK	Borovyoye	48.91 312	P	P	P	04 21 45.1 -0.8
BORK	Borovyoye	48.91 312	P	P	P	04 21 45.1 -0.8
SII	Sitkinak Islan	48.91 43	P	P	P	04 21 45.6 -0.2
G21K	Allakaket	48.95 30	I	I	I	04 21 53.3
G21K	Allakaket	48.95 30	P	P	P	04 21 46.1 +0.1
F21K	Alatina River	48.99 29	P	P	P	04 21 46.3 0.0
Q19K	Cape Douglas,	49.00 40	P	P	P	04 21 46.5 0.0
KHKI	Kahang-Kahang	49.02 210	P	P	P	04 21 49.6 +2.6
M20K	Styx River	49.09 36	P	P	P	04 21 47.4 +0.1
P19K	Oil Pt	49.16 39	P	P	P	04 21 47.4 -0.4
H21K	Melozitna Rive	49.21 31	P	P	P	04 21 48.3 +0.3
B22K	Teshhepkuk Lake	49.25 25	I	I	I	04 21 54.4
B22K	Teshhepkuk Lake	49.25 25	P	P	P	04 21 48.0 -0.2
OHAK	Old Harbor	49.34 42	P	P	P	04 21 49.2 +0.1
CHUM	Lake Minchumin	49.42 33	P	P	P	04 21 50.0 +0.5
O20K	Slope Mountain	49.44 38	P	P	P	04 21 50.1 +0.2
PPLA	Purkeypile	49.50 35	P	P	P	04 21 50.9 +0.5
F22K	John River	49.51 28	P	P	P	04 21 51.0 +0.7
CAST	Castle Rocks	49.53 34	P	P	P	04 21 50.9 +0.4
I21K	Tanana	49.55 31	P	P	P	04 21 50.7 +0.1
SPCR	Spurr Chakacha	49.57 37	P	P	P	04 21 51.2 +0.3
SPU	Mount Spurr	49.64 37	I	I	I	04 21 54.9
ARSB	Arslanbob	49.65 297	I	I	I	04 22 01.3
KDAK	Kodiak Island	49.66 41	LR	LR	LR	04 42 29.4
KDAK	Kodiak Island	49.66 41	eP	P	P	04 21 51.4 -0.1
KDAK	Kodiak Island	49.66 41	P	P	P	04 21 52.0 +0.5
Q20K	Shuyak Island	49.67 40	P	P	P	04 21 51.7 +0.1
G22K	Bettles	49.75 29	P	P	P	04 21 52.2 +0.1

H22K	Ishlatina Cre	49.80 31	P	P	P	04 21 53.0 +0.5
SKT	Skwentna	49.85 36	P	P	P	04 21 52.9 0.0
HOM	Homr	49.96 39	P	P	P	04 21 53.9 +0.1
BPAW	Bear Paw Mtn.	50.00 33	P	P	P	04 21 54.1 +0.1
KTH	Kantishna Hill	50.05 34	I	I	I	04 22 01.8
HNR	Honiara	50.05 151	LR	LR	LR	04 41 43.0
MLY	Manley	50.08 32	I	I	I	04 22 01.4
MLY	Manley	50.08 32	P	P	P	04 21 54.6 -0.1
CAPN	Captain Cook N	50.11 37	P	P	P	04 21 54.8 -0.1
D23K	Nanushuk River	50.12 27	P	P	P	04 21 54.9 0.0
L22K	Petersville	50.17 35	I	I	I	04 21 58.0
L22K	Petersville	50.17 35	P	P	P	04 21 55.4 0.0
C23K	Hkilik River	50.17 25	I	I	I	04 21 58.7
C23K	Hkilik River	50.17 25	P	P	P	04 21 55.3 +0.1
TRF	Thorofore Moun	50.34 34	P	P	P	04 21 56.4 -0.4
G23K	Banana Creek	50.34 29	P	P	P	04 21 57.0 +0.4
DZA	Taraz	50.39 299	eP	P	P	04 21 57.2 -0.1
DZA	Taraz	50.39 299	eP	P	P	04 21 57.2 -0.1
BRSE	Bradley Lake S	50.49 299	eP	P	P	04 21 56.9 -0.3
CUT	China	50.41 35	P	P	P	04 21 57.4 +0.3
E23K	Chandalar	50.49 28	P	P	P	04 21 58.1 +0.3
TOLK	Tolluk Lake Re	50.51 27	P	P	P	04 21 57.9 0.0
M22K	Willow	50.53 36	P	P	P	04 21 58.5 +0.5
H23K	Yukon River	50.55 31	P	P	P	04 21 58.5 +0.2
I23K	Minto, Yukon-K	50.66 31	P	P	P	04 21 59.3 +0.4
RC01	Rabbit Creek A	50.77 37	P	P	P	04 22 00.4 +0.5
DC2K	Happy Valley	50.79 26	P	P	P	04 22 00.4 +0.5
NEA2	Nenana	50.81 32	I	I	I	04 22 07.3
NEA2	Nenana	50.81 32	P	P	P	04 22 00.6 +0.5
C24K	Franklin Bluff	50.84 26	P	P	P	04 22 00.9 +0.2
O22K	Cooper Landing	50.84 38	P	P	P	04 22 00.6 +0.2
KK31	Karatay Array	50.91 300	I	I	I	04 22 04.9
KKAR	Karatay Array	50.91 300	P	P	P	04 22 00.6 -0.7
E24K	Your Creek	50.92 28	I	I	I	04 22 04.7
E24K	Your Creek	50.92 28	P	P	P	04 22 01.1 +0.1
MCK	Mckinley	50.92 33	P	P	P	04 22 01.0 -0.1
RND	Reindeer	50.98 34	I	I	I	04 22 04.1
PMR	Palmer	51.01 36	I	I	I	04 22 04.1
PMR	Palmer	51.01 36	P	P	P	04 22 01.9 +0.2
SEW	Seward	51.02 38	P	P	P	04 22 02.1 +0.4
KL5I	Klondike	51.10 224	P	P	P	04 22 06.4 +3.5
F24K	Squaw Lake	51.16 28	P	P	P	04 22 03.0 +0.1
WAT1	Susitna Watana	51.17 34	P	P	P	04 22 03.0 +0.1
H24K	Noodor Dome	51.24 31	I	I	I	04 22 10.2
H24K	Noodor Dome	51.24 31	P	P	P	04 22 03.9 +0.4
MDSI	Maura Dua	51.24 225	P	P	P	04 22 03.7 -0.3
COLA	College	51.31 32	eP	P	P	04 22 04.7 +0.8
COLA	College	51.31 32	P	P	P	04 22 04.6 +0.7
LEM	Lembang	51.33 220	LR	LR	LR	04 46 38.1
G24K	Hadweznic Riv	51.35 29	P	P	P	04 22 04.6 +0.3
KNK	Knik Glacier	51.35 36	I	I	I	04 22 08.5
KNK	Knik Glacier	51.35 36	P	P	P	04 22 04.8 +0.5
SML	Sawmill	51.37 36	P	P	P	04 22 04.7 +0.2
BRLS	Boroly	51.40 300	eP	P	P	04 22 06.0 +1.0
BRLS	Boroly	51.40 300	eP	P	P	04 22 06.1 +1.0
POKR	Poker Plat Res	51.47 31	P	P	P	04 22 05.5 +0.4
WAT6	Susitna Watana	51.56 35	P	P	P	04 22 06.1 +0.1
D25K	Kavik River	51.66 26	I	I	I	04 22 09.1
D25K	Kavik River	51.66 26	P	P	P	04 22 06.8 +0.3
M23K	Glacier View	51.66 36	P	P	P	04 22 07.1 +0.1
DHY	Denali Highway	51.68 34	P	P	P	04 22 07.1 +0.2
IL31	comp=Z,21nm,1.4s	51.73 32	I	I	I	04 22 12.4
ILAR	Eielson Array	51.73 32	P	P	P	04 22 07.0 -0.1
ILAR	Eielson Array	51.73 32	P	P	P	04 22 07.0 -0.1
ILAR	Eielson Array	51.73 32	P	P	P	04 22 07.7 +0.5
CHM	Chimkent	51.77 299	eP	P	P	04 22 07.7 -0.1
CHM	Chimkent	51.77 299	eP	P	P	04 22 07.7 -0.1
SCM	Sheep Creek M	51.84 36	I	I	I	04 22 11.0
SCM	Sheep Creek M	51.84 36	P	P	P	04 22 08.2 +0.2
G25K	Beaman Lake	51.90 29	P	P	P	04 22 08.6 +0.4
E25K	Arctic Village	52.01 28	P	P	P	04 22 09.8 +0.6
F25K	Christian River	52.02 28	I	I	I	04 22 16.2
F25K	Christian River	52.02 28	P	P	P	04 22 09.7 +0.5
P23K	Montague Islan	52.05 38	P	P	P	04 22 10.3 +0.8
GLI	Glacier Island	52.08 37	P	P	P	04 22 10.5 +0.8
C26K	Camden Bay	52.15 25	P	P	P	04 22 11.0 +1.0
PRP	Porcupine Dome	52.24 31	P	P	P	04 22 11.1 +0.1
K24K	Donnelly Dome	52.31 33	P	P	P	04 22 11.6 +0.1
M24K	Tolsona, Glenn	52.35 35	P	P	P	04 22 12.3 +0.6
FID	Port Fidalgo	52.39 37	I	I	I	04 22 14.3
J25K	Salcha River,	52.40 32	P	P	P	04 22 12.2 0.0
BMAR	Burnt Mountain	52.44 28	P	P	P	04 22 12.7 +0.4
KLU	Klutina	52.55 36	I	I	I	04 22 15.9
KLU	Klutina	52.55 36	P	P	P	04 22 13.4 +0.1
PAX	Paxson	52.55 34	P	P	P	04 22 13.6 +0.3

F26K	Sheenjek River	52.58 28	I	I	I	04 22 17.7
F26K	Sheenjek River	52.58 28	P	P	P	04 22 13.7 +0.4
C27K	Jago River	52.58 26	I	I	I	04 22 17.0
C27K	Jago River	52.58 26	P	P	P	04 22 13.9 +0.6
DIV	Divide	52.68 36	I	I	I	04 22 17.0
RIDG	Independent Ri	52.73 33	P	P	P	04 22 15.0 +0.4
HARP	HAARP	52.78 35	I	I	I	04 22 18.3
HARP	HAARP	52.78 35	P	P	P	04 22 15.1 +0.2
EYAK	Cordova Ski Ar	52.78 37	P	P	P	04 22 15.2 +0.3
G26K	Porcupine River	52.79 29	I	I	I	04 22 22.0
G26K	Porcupine River	52.79 29	P	P	P	04 22 15.5 +0.6
SCRK	Sand Creek	53.08 33				

Table with columns: ID, Name, Time, Status, Location, etc. Includes rows like K29M Barlow Dome, WRAB Tennant Creek, WRA Warramunga Arr, etc.

Table with columns: ID, Name, Time, Status, Location, etc. Includes rows like DLBC Dease Lake, V35K Ketchikan, T35M Bob Quinn, etc.

Table with columns: ID, Name, Time, Status, Location, etc. Includes rows like BSY Bisya, VSU Vasula, GNI Ganni, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like WHFO, MNRK, SORM, PLID, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HSKC, SHPR, BSUT, ZVCK, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SCQH, SCHQ, SCHO, PPT, etc.

ISK 19 04:15:39.5, 34°08'N-25°59'E, h5km, ML3, 9/16
PDG 19 04:15:39.0, 34°14'N-25°55'E, h3km-4km, ML4, 2/10
Error ellipse: s-maj=3.6km s-min=1.3km az=90.0
IDC 19 04:15:40.5, 0.7, 34°21'N-25°48E, h0km, mb4, 2/27
mbtm4, 2/38, ML3, 9/9, MS3, 6/10, Error ellipse:
s-maj=14.3km s-min=11.7km az=171.0
Gll 19 04:15:41.3, 0.0, 34°04'N-25°58'E, h0km,
Mws4, 4, confirmed
NEIC 19 04:15:43.0, 1.2, 34°29'N-25°50E, 0.07, h10km, 1km,
mb4, 3/41, Error ellipse: s-maj=9.9km s-min=8.5km
az=231.0
AFAD 19 04:15:43.8, 34°17'N-25°77'E, h6km-4km, MW4, 2
THE 19 04:15:44.5, 34°N-25°E, h2km-10km, M3, 5/11,
ML3, 5/11
ATH 19 04:15:45.8, 34°47'N-25°58'E, h5km-2km, ML3, 7/12
Latitude uncertainty: 3 km; Longitude uncertainty: 2 km
GFZ 19 04:15:45.9, 34°12'N-25°62'E, h16km, MW4, 5, Moment
Tensor solution: NP1: 158.00000, 564.00000, 159.00000;
NP2: 257.00000, 871.00000, 127.00000; Principal
axes: T: 6.4900, Plg32: 0.0000, Azm119.0000; N: 0.6100,
Plg57: 0.0000; Azm289.0000; P: -7.1000, Plg4.0000;
Azmt26.0000;
ISC 19 04:15:40.8, 1.1, 34°16'N-04°25'59E, 0.03, h3km-6km,
n270, r1989/320, mb4, 3/44, MS3, 6, 5C-16D, Crete

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ZKR, NPS, etc.

Table with columns: Name, Value, Unit, Status, and other identifiers. Includes entries like IMMV Iera Moni Meta, CHAN Chania, KARP Karpathos, etc.

Table with columns: Name, Value, Unit, Status, and other identifiers. Includes entries like CEME Cevo, CEME Kolasin, KOMA Kolasin, etc.

Table with columns: Name, Value, Unit, Status, and other identifiers. Includes entries like ESCD Sonseca Array, PAB San Pablo, PAB, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various parameters. Includes stations like NNSS, MDOK, MDOK, MDOK, etc.

SDD 19 05:15:37.2±0.17:89N:66:52W, h20km, 15km, MD3.1, ML3.0, MW3.1, Presumed earthquake Hypocentre not reviewed by the ISC

NEIC 19 05:15:38.9±0.17:91N:02:66:63W:0.01, h10km, 1km, ML3.2/3.1, Md3.5/1.7(RSPR), Error ellipse: s-maj=4.1 km, s-min=2.4 km az=343.0

RSPR 19 05:15:39.1±1.17:88N:66:62W, h7km, MD3.5/1.7

OSPL 19 05:15:39.1±1.17:88N:66:62W, h2km, ML3.3, Presumed earthquake

ISC 19 05:15:39.2±0.17:93N:04:06:63W:0.02, h12km, 5km, n49, c0:69:65, 16C:7D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various parameters. Includes stations like OBIP, OBIP, OBIP, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various parameters. Includes stations like PRSN, PRSN, PDP, PDP, etc.

19 05:23:30.2±0.36:23N:137:62E, h0km, mb3.6/1.3, mbtmp3.7/1.5, ML3.8/2, MS4.0/6.3, Error ellipse: s-maj=16.4km s-min=8.0km az=156.0

NIED 19 05:23:31.0±0.36:30N:137:63E, h3km, MW4.7, Moment Tensor Solution: s3 Moment tensor: Scale: 1.012Nm; M1:0.03; M2:0.46; M3:0.50; M4:0.46; M5:0.96; M6:0.33; Fault plane solution: M1:2.100x10^16 NP1: phi=164.00000; delta=65.00000; lambda=8.00000. NP2: phi=258.00000; delta=82.00000; lambda=155.00000

JMA 19 05:23:31.0±0.136:3N:0:2:137:6E:0.1, h3km, 1km, MD4.7/2.0, MW4.7/2.0, HIDA MOUNTAINS REGION

JMA Felt III J1 at HIDA MOUNTAINS REGION

NEIC 19 05:23:32.2±1.436:24N:0:04:137:68E:0.05, h10km, 1km, mb4.6/2.2, Error ellipse: s-maj=9.7km s-min=3.1km az=132.0

GCMT 19 05:23:36.2±0.336:40N:0:02:137:58E:0.02, h13km, 2km, Mw4.7/3.0, Moment Tensor Solution: s12:c12: s90:c118; Duration: 0 Moment tensor: Scale 1016Nm; M1:0.18; M2:0.07; M3:0.30; M4:0.48; M5:0.19; M6:1.42; M7:0.6; M8:0.55; M9:1.7; Best double couple: M1:1.56800x10^16 NP1: phi=83.00000; delta=72.00000; lambda=175.00000. NP2: phi=352.00000; delta=85.00000; lambda=18.00000. Principal axes: T 1.4120, Plg9.0000, Azm39.0000; N 3.3120, Plg71.0000, Azm156.0000; P -1.7240, Plg16.0000, Azm306.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular

ISC 19 05:23:31.9±0.436:28N:0:04:137:62E:0.03, h11km, n148, m1207/4, mb4.3/2.5, MS4.0/5.8, 1C-4D, Eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various parameters. Includes stations like JGN, JGN, JGN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various parameters. Includes stations like JHU, JHU, JHU, etc.

Table listing seismic stations and events. Columns include Code, Station Name, Azimuth (AZ), Phase ID, Time (h:m:s), Residual (ISC), and event details like magnitude (M), depth (h), and location (km).

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Table listing seismic stations and events. Columns include Code, Station Name, Azimuth (AZ), Phase ID, Time (h:m:s), Residual (ISC), and event details like magnitude (M), depth (h), and location (km).

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Op	ISC	h	m	s	ISC	Time	Res
STH	Stony Hill	1.63	191	iP	Pn	Pn	06	00	51.0	-2.3		
STH	Stony Hill	1.63	191	iP	Pn	Pn	06	00	32.4	+0.5		
STH	Stony Hill	1.63	191	iP	Pn	Pn	06	00	32.5	+0.5		
STH	Stony Hill	1.63	191	iP	Pn	Pn	06	00	52.8	+0.8		
QMBU	Quimbuelo	1.64	72	eP	Pn	Pn	06	00	30.8	-1.3		
QMBU	Quimbuelo	1.64	72	eP	Pn	Pn	06	00	52.9	-0.7		
QMBU	Quimbuelo	1.64	72	eP	Pn	Pn	06	00	56.0			
QMBU	Quimbuelo	1.64	72	eP	Pn	Pn	06	01	08.1			
NMDO	Nuevo Mundo	1.65	58	eP	Pn	Sb	06	00	30.6	-1.4		
NMDO	Nuevo Mundo	1.65	58	eP	Pn	Sb	06	00	54.8	+0.5		
NMDO	Nuevo Mundo	1.65	58	eP	Pn	Sb	06	00	59.5			
NMDO	Nuevo Mundo	1.65	58	eP	Pn	Sb	06	01	04.0			
HOJ	Hope	1.69	189	iP	Pn	Pn	06	00	33.5	+0.8		
HOJ	Hope	1.69	189	iP	Pn	Pn	06	00	33.7	-0.5		
MOAC	Moac	1.72	55	eP	Pn	Sb	06	00	32.3	-0.7		
MOAC	Moac	1.72	55	eP	Pn	Sb	06	00	57.1	+0.7		
MOAC	Moac	1.72	55	eP	Pn	Sb	06	01	01.4			
MOAC	Moac	1.72	55	eP	Pn	Sb	06	01	02.8			
CVJ	Coleyville	1.77	215	iP	Pn	Pn	06	00	34.7	+0.8		
CVJ	Coleyville	1.77	215	iP	Pn	Pn	06	00	55.7	-1.0		
MTDJ	Mount Denham	1.77	215	eP	Pn	Pn	06	00	34.2	+0.3		
MTDJ	Mount Denham	1.77	215	eP	Pn	Pn	06	00	56.2	-0.5		
CCCC	Cccc	1.94	321	eP	Pn	Pn	06	00	33.5	-2.5		
CCCC	Cccc	1.94	321	eP	Pn	Pn	06	00	56.4	-4.4		
CCCC	Cccc	1.94	321	eP	Pn	Pn	06	01	00.2			
PCJ	Portland Cotta	2.04	199	iP	Pn	Pn	06	00	39.0	+1.4		
PCJ	Portland Cotta	2.04	199	iP	Pn	Pn	06	01	03.4	+0.1		
MASC	Masc	2.16	77	eP	Pn	Sb	06	00	39.8	+0.4		
MASC	Masc	2.16	77	eP	Pn	Sb	06	01	10.2	+1.0		
MASC	Masc	2.16	77	eP	Pn	Sb	06	01	16.0			
MASC	Masc	2.16	77	eP	Pn	Sb	06	01	21.3			
MGV	Manicaragua	4.07	307	eP	Pn	Pn	06	01	07.6	+2.2		
MGV	Manicaragua	4.07	307	eP	Pn	Pn	06	01	56.4	+3.0		
MGV	Manicaragua	4.07	307	eP	Pn	Pn	06	02	09.7			
MGV	Manicaragua	4.07	307	eP	Pn	Pn	06	02	15.8			
FSCY	Frank Sound, G	4.46	266	eP	Pn	Pn	06	01	10.9	+0.1		
FSCY	Frank Sound, G	4.46	266	eP	Pn	Pn	06	01	58.9	-4.2		
SDDR	Presas de Saban	4.94	97	iP	Pn	Pn	06	01	18.7	+1.2		
SDDR	Presas de Saban	4.94	97	iP	Pn	Pn	06	02	14.5	-0.6		
SDDR	Presas de Saban	4.94	97	iP	Pn	Pn	06	02	11.8	+2.9		
CAMR	Camariaca	5.67	307	eP	Pn	Pn	06	01	30.2	+2.8		
CAMR	Camariaca	5.67	307	eP	Pn	Pn	06	02	36.4	+3.6		
CAMR	Camariaca	5.67	307	eP	Pn	Pn	06	02	39.8			
CAMR	Camariaca	5.67	307	eP	Pn	Pn	06	02	48.7			

ASRS 19 06:05:12.0±1.5, 54.37N:86.82E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.
IDC 19 06:05:12.6±3.4, 54.41N:86.95E, h0km, mbtmp2.9/2, ML2.6/2, Error ellipse: s-maj=31.3km s-min=20.1km az=51.0, Southwestern Siberia

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Op	ISC	h	m	s	ISC	Time	Res
H46RU	ZALESOVO INFRA	1.33	251	Op	Pn	Pn	06	05	36.5	-1.6		
ZALV	Zalesovo Beam	1.33	251	Pg	Pg	Pg	06	05	36.5	-1.6		
ZALV	Zalesovo Beam	1.33	251	Pg	Pg	Pg	06	05	54.9			
KURBB	Kurchatov Arra	6.38	237	Pn	Pn	Pn	06	06	49.4	+1.7		
KURBB	Kurchatov Arra	6.38	237	Pn	Pn	Pn	06	06	49.4	+1.7		
MKAR	Makanchi Array	8.18	203	Pn	Pn	Pn	06	07	12.8	+0.4		
MKAR	Makanchi Array	8.18	203	Pn	Pn	Pn	06	07	12.8	+0.4		

KRSC 19 06:06:47.2±1.6, 48.94N:157.98E, h23km, 39km, M1.4, East of Kuril Islands

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Op	ISC	h	m	s	ISC	Time	Res
SKR	Severo-Kuril's	2.12	326	eP	Pn	Pn	06	07	21.8	+0.7		
SKR	Severo-Kuril's	2.12	326	eP	Pn	Pn	06	07	47.3	+0.6		
PAU	Pauzhetka	2.64	344	eP	Pn	Pn	06	07	30.9	+2.7		
PAU	Pauzhetka	2.64	344	eP	Pn	Pn	06	08	03.2	-2.5		
KDTR	Khoudutka, Kamc	2.87	1	eP	Pn	Pn	06	07	34.8	-2.9		
KDTR	Khoudutka, Kamc	2.87	1	eP	Pn	Pn	06	08	09.5	-2.9		
MIPR	Malaya Ipe'l'ka	3.43	347	eP	Pn	Pn	06	07	42.7	+3.5		
ASAK	Asacha	3.45	359	eP	Pn	Pn	06	07	43.2	+3.7		
RUS	Russkaya	3.51	5	eP	Pn	Pn	06	08	23.8	+4.2		
RUS	Russkaya	3.51	5	eP	Pn	Pn	06	07	43.3	+3.0		
RUS	Russkaya	3.51	5	eP	Pn	Pn	06	08	24.7	+3.6		
MTVR	Mutnovka	3.55	2	eP	Pn	Pn	06	07	44.8	+3.9		
MTVR	Mutnovka	3.55	2	eP	Pn	Pn	06	08	27.0	+4.3		
GRL	Gorelyy	3.62	1	eP	Pn	Pn	06	07	45.9	+4.1		
GRL	Gorelyy	3.62	1	eP	Pn	Pn	06	08	28.7	+4.8		
KRMR	Karymshtinsky	3.90	1	eP	Pn	Pn	06	07	49.8	+4.3		
KRMR	Karymshtinsky	3.90	1	eP	Pn	Pn	06	08	37.3	-4.5		
APC	Apacha	4.02	353	eP	Pn	Pn	06	07	51.3	+4.0		
DALK	Dalny	4.31	7	eP	Pn	Pn	06	07	52.7	+4.0		
UGLR	Uglovaly	4.37	7	eP	Pn	Pn	06	07	55.7	+4.4		
AVH	Avacha	4.36	6	eP	Pn	Pn	06	07	56.9	+5.0		
SMAR	Somma	4.36	7	eP	Pn	Pn	06	07	56.4	+4.2		
KOK	Korykka	4.38	5	eP	Pn	Pn	06	07	57.4	+5.1		
SDLR	Sedlovina	4.38	7	eP	Pn	Pn	06	07	56.2	+3.8		
SDER	Serykskii	4.40	6	eP	Pn	Pn	06	07	56.7	+4.3		
KRX	Krik	4.45	5	eP	Pn	Pn	06	07	57.9	+4.6		
GNL	Ganalay	4.76	360	eP	Pn	Pn	06	08	02.3	+4.8		
MKZ	Mys Kozlovka	6.09	21	eP	Pn	Pn	06	08	19.2	+3.6		

VAO 19 06:07:14.3±1.3, 19.38S:68.63W, h10km, mb4.3, Presumed earthquake
SJA 19 06:07:15.6±0.7, 19.17S:69.14W, h131km, 3km, ML3.8, MW3.9
NEIC 19 06:07:17.7±1.2, 19.18S:01.04:69.23W, 0.07, h121km, 5km, mb4.2/30, ML3.9(GUC), Error ellipse: s-maj=9.3km s-min=5.6km az=83.0
GUC 19 06:07:17.2±0.9, 19.16S:69.16W, h126km, 4km, ML4.0
IDC 19 06:07:18.4±1.9, 19.10S:68.84W, h130km, 17km, 3km, 6/8, mbtmp4.1/11, MS3.5/2, Error ellipse: s-maj=27.7km s-min=14.3km az=80.0
ISC 19 06:07:16.9±0.5, 19.22S:01.03:69.12W, 0.05, h123km, 5km, n117, s146/140, mb4.2/15, SC-5D, Northern Chile

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Op	ISC	h	m	s	ISC	Time	Res
GO01	Chusmizta	0.45	189	Op	Pn	Pn	06	07	35.6	+0.1		
GO01	Chusmizta	0.45	189	Op	Pn	Pn	06	07	50.1	+0.6		
GO01	Chusmizta	0.45	189	eP	Pn	Pn	06	07	36.0	+0.4		
GO01	Chusmizta	0.45	189	eP	Pn	Pn	06	07	50.5	+1.1		
GO01	Chusmizta	0.45	189	eP	Pn	Pn	06	07	52.7			
GO01	Chusmizta	0.45	189	iP	Pn	Pn	06	07	35.9	+0.3		
GO01	Chusmizta	0.45	189	iP	Pn	Pn	06	07	49.9	+0.4		
GO01	Chusmizta	0.45	189	iP	Pn	Pn	06	07	51.0			
PB11	IPOC Station P	0.74	223	eP	Pn	Pn	06	07	37.3	+0.3		
PB11	IPOC Station P	0.74	223	eP	Pn	Pn	06	07	52.6	+0.4		
PB11	IPOC Station P	0.74	223	eP	Pn	Pn	06	07	37.4	+0.3		
PB11	IPOC Station P	0.74	223	eP	Pn	Pn	06	07	53.6	+1.3		
PB11	IPOC Station P	0.74	223	eP	Pn	Pn	06	07	53.8			
PB11	IPOC Station P	0.74	223	iP	Pn	Pn	06	07	37.4	+0.3		
PB11	IPOC Station P	0.74	223	iP	Pn	Pn	06	07	52.6	+0.4		
PB11	IPOC Station P	0.74	223	iP	Pn	Pn	06	07	53.3			
PB08	IPOC Station P	0.92	182	eP	Pn	Pn	06	07	39.9	+1.0		
PB08	IPOC Station P	0.92	182	eP	Pn	Pn	06	07	39.2	+0.4		
PB08	IPOC Station P	0.92	182	eP	Pn	Pn	06	07	57.4	+1.9		
PB08	IPOC Station P	0.92	182	eP	Pn	Pn	06	07	57.9			
PB08	IPOC Station P	0.92	182	iP	Pn	Pn	06	07	39.9	+1.0		
PB08	IPOC Station P	0.92	182	iP	Pn	Pn	06	07	57.1	+1.6		

Table with 3 columns: Station Name, Time, Res. Includes stations like ZALV, KURBB, MKAR.

IDC 19 06:32:55.1±1.6, 34°01'N;25°57'E, h0km, mb3.4/3, mbmp3.4/4, ML3.1/1, MS2.7/1, Error ellipse: s-maj=32.2km s-min=25.7km az=86.0

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like ANOYIA, BRTR, AKASG, TORD.

OMAN 19 06:43:33.0±0.1, 26°59'N;54°79'E, h4km, ml3.2/19, Error ellipse: s-maj=1.7km s-min=0.9km az=4.0

IDC 19 06:44:08.2±0.9, 26°52'N;54°87'E, h0km, mb3.4/6, mbmp2.5/6, Error ellipse: s-maj=7.2km s-min=27.6km az=157.0

IDC 19 06:43:31.1±1.6, 26°73'N;05°54'78E, 0°05, h5km, 12km, n47, c078/52, mb3.2/5, Southern Iran

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like SHME, GENO, UMQ, BANOM.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like BANOM, KHLI, IBND, MASF.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like MASF, MSFE, NAZW.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like NAZ, MDH, MDH.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like ASUD, AOSS, UOSS.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like HATD, HATD, HATD.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like ASHO, ASHO, ASHO.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like ASHO, JRN, ALNE.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like ALNE, SOHO, SOHO.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like GHWR, NGRK, ARQ.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like HQQ, HQQ, MZR.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like MZR, KHBG, KHBY.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like IMEH, SMDO, IBAF.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like WSAR, WBK, JLN.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like MHTO, DOK, WHFO.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like ABTO, BRTR, MKAR.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like KURBB, ZALV, TORD.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like TORD, YKA, BRTR.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like AKASG, MKAR, YKA.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like AKASG, MALIN, YKA.

Table with 3 columns: Station Name, Time, Res. Includes stations like GERES, FINES, KURBB.

IDC 19 06:46:38.9±1.5, 34°20'N;25°70'E, h0km, mb3.6/5, mbmp3.6/6, ML3.9/1, MS3.2/2, Error ellipse: s-maj=27.5km s-min=25.7km az=44.0

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like YKA, ZALV.

IDC 19 06:46:40.4±1.3, 34°22'N;25°77'E, h10km, n8, c051/81, mb3.6/4, Crete

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like ANOYIA, AKASG, AKASG.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like DAVOX, FINES, TORD.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like TORD, KURBB, MKAR.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like YKA, JMA.

JMA 19 06:47:31.7±0.2, 36°33'N;08°13'76E, 0°15, h12km, 3km, MV0.7/25, HIDA MOUNTAINS REGION, Eastern Honshu

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like JGN, JGN, JNS.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like JNT, JNT, JNT.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like JMA, JMA, JMA.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like JGN, JGN, JNS.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like JNT, JNT, JNT.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like JMA, JMA, JMA.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like JGN, JGN, JNS.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like JNT, JNT, JNT.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like JMA, JMA, JMA.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like JGN, JGN, JNS.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like JNT, JNT, JNT.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like ZKR, ZKR, ZKR.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like ZKR, ZKR, ZKR.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like ZKR, ZKR, ZKR.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like ZKR, ZKR, ZKR.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like ZKR, ZKR, ZKR.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like ZKR, ZKR, ZKR.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like ZKR, ZKR, ZKR.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like ZKR, ZKR, ZKR.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like ZKR, ZKR, ZKR.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like ZKR, ZKR, ZKR.

Table with 3 columns: Code, Station Name, Time, Res. Includes stations like ZKR, ZKR, ZKR.

Table with 3 columns: Station Name, Time, Res. Includes stations like SABU, AKAS, AKAS.

Table with 3 columns: Station Name, Time, Res. Includes stations like AYDN, AYDN, CAME.

Table with 3 columns: Station Name, Time, Res. Includes stations like DNZT, DNZT, KNIK.

Table with 3 columns: Station Name, Time, Res. Includes stations like AYB, AYB, TAVA.

Table with 3 columns: Station Name, Time, Res. Includes stations like ITM, ELL, ELL.

Table with 3 columns: Station Name, Time, Res. Includes stations like AKUM, AKUM, AKUM.

Table with 3 columns: Station Name, Time, Res. Includes stations like KIRA, KIRA, KORT.

Table with 3 columns: Station Name, Time, Res. Includes stations like MANT, MANT, MANT.

Table with 3 columns: Station Name, Time, Res. Includes stations like BALB, BALB, CSS.

Table with 3 columns: Station Name, Time, Res. Includes stations like KEK, KEK, MMAI.

Table with 3 columns: Station Name, Time, Res. Includes stations like MMAIL, MMAIL, MMAIL.

Table with 3 columns: Station Name, Time, Res. Includes stations like SCTE, SCTE, BR13.

Table with 3 columns: Station Name, Time, Res. Includes stations like BRTR, BRTR, BRTR.

Table with 3 columns: Station Name, Time, Res. Includes stations like BRTR, BRTR, BRTR.

Table with 3 columns: Station Name, Time, Res. Includes stations like BNL, RAFF, VAE.

Table with 3 columns: Station Name, Time, Res. Includes stations like SGR, SGR, SGR.

Table with 3 columns: Station Name, Time, Res. Includes stations like NRCA, NRCA, FDMO.

Table with 3 columns: Station Name, Time, Res. Includes stations like KEST, KEST, BURAR.

Table with 3 columns: Station Name, Time, Res. Includes stations like TEOL, TEOL, TEOL.

Table with 3 columns: Station Name, Time, Res. Includes stations like SALO, SALO, SALO.

Table with 3 columns: Station Name, Time, Res. Includes stations like KIV, KIV, KBZ.

Table with 3 columns: Station Name, Time, Res. Includes stations like VRAC, VRAC, VRAC.

Table with 3 columns: Station Name, Time, Res. Includes stations like AKASG, AKASG, AKASG.

Table with 3 columns: Station Name, Time, Res. Includes stations like AKASG, AKASG, AKASG.

Table with 3 columns: Station Name, Time, Res. Includes stations like AKASG, AKASG, AKASG.

Table with 3 columns: Station Name, Time, Res. Includes stations like AKASG, AKASG, AKASG.

Table with 3 columns: Station Name, Time, Res. Includes stations like AKASG, AKASG, AKASG.

Table with 3 columns: Station Name, Time, Res. Includes stations like AKASG, AKASG, AKASG.

Table with 3 columns: Station Name, Time, Res. Includes stations like AKASG, AKASG, AKASG.

Table with 3 columns: Station Name, Time, Res. Includes stations like AKASG, AKASG, AKASG.

Table with 3 columns: Station Name, Time, Res. Includes stations like AKASG, AKASG, AKASG.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for Makanchi Array, Spitsbergen Ar, Zalesovo Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IDC 19 06:57:37.4, IDC 19 06:57:37.0, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for OMAN 19 07:01:04.8, IDC 19 07:01:05.2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IDC 19 07:03:59.1, IDC 19 07:04:01.1, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for TGY Tagaytay City, WRA Warrungunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for IDC 19 07:04:38.7, SJJI Sorong, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for NIED 19 07:05:03.2, JMA 19 07:05:02.0, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for JGN Niukaw, JGT Matsushiro, etc.

RSNC 19 07:07:56.8, 0.0, 7.1N, 177.3W, h146km, 1km, M3.1, mb3.4, mb4.6, ML2.8, MLV3.5, Mw(mb)3.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for BARC Barichara, PAMC Pamplona, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Op, h, m, s, Res, ISC, M50. Contains station data for NIZA, CMAN1, CBOC, etc.

IDC 19 07:10:09.0, 0.6, 40.98N, 127.18W, h0km, mb4.2/29, mbmp4.2/36, ML3.5/6, MS4.0/28, Error ellipse: s-maj=17.1km s-min=9.4km az=20.0
NEIC 19 07:10:10.4, 2.6, 40.83N, 0.07, 127.26W, 0.08, h10km, 1km, mb4.6/120, ML3.7/88, Error ellipse: s-maj=12.9km s-min=9.1km az=216.0
GCMT 19 07:10:11.4, 0.2, 40.85N, 0.03, 127.49W, 0.02, h14km, MW4.9/109, Moment Tensor Solution, sz7, c31, s109, c161; Duration: 0 Moment tensor: Scalar 1016Nm; m-2.56e+15; Mw=0.35e+09; Mw=2.21e+10; Mo=0.01e+25; Mw=0.05e+05; Mw=0.26e+18; Best double couple: M2.46400e+10 16 N1.7e+17 0.00000, s38.00000, l-91.00000. NP2.359.00000, s52.00000, l-89.00000. Principal axes: T 2.2900, Plg7.0000, Azm89.0000; N 0.3490, Plg1.0000, Azm179.0000; P -2.6390, Plg83.0000, Azm273.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
ISC 19 07:10:10.3, 0.5, 40.86N, 0.07, 127.28W, 0.06, h10km, m495, c0883/419, mb4.6/83, MS4.0/21, 3D, Off coast of northern California

Table with columns: Code, Station Name, Az, Phase, ID, Op, h, m, s, Res, ISC, M50. Contains station data for KCTM, PETL, KMPM, JCC, KBO, BRIC, KHMM, L202, L02F, L202, L02F, KCPM, KCPM, KCPM, KHBM, KHBM, MND0, RVIT, GTC, WFEAV, K02D, M02C, J01E, KRKM, N02D, N02D, N02D, GWRM, O02D, LBKM, YBHZ, YBHZ, BONV, GSNM, HOPS, HOPS, GHGM, M03C, L04D, I02E, I02E, I02E, O03E, O03E, O03E, MNRC, MNRC, MNRC, HATC, CVS, CVS, CVS

Table with columns: Code, Station Name, Az, Phase, ID, Op, h, m, s, Res, ISC, M50. Contains station data for SUTB, J04A, FARB, BUCK, BUCK, I04A, COR, COR, H04D, H04D, J05D, J05D, G03D, G03D, BEKR, RADR, PAHR, G05A, WAKR, PMPB, NLWA, PKD, NVAR, NVAR, GNV, D08A, ISA, ELK, ELK, ELK, CBB, C09A, QSM, HLID, GSC, NEW, NEW, SHPR, HVU, W12A, DUG, PFO, CCUT, MISO, BSB, LHWT, HOWH, YNE, PDR, PDR, PIX, V35K, MVCO, CRAG, EDM, EDM, K22A, U33K, TUC, WRAK, T35M, LAO, SIT, S34M, S32K, RSSD, ANMO, ANMO, ANMO, DLBC, DLBC, DLBC, R32K, S31K, T25A, BESE, BESE, Q32M, LIRD, R33M, R33M, P32M, P32M, SKAG, KOTAN, PLBC, RTBA, P33M, MNXT, P29M, P30M, WHY, W32M, VHRN, O30N

Table with columns: Code, Station Name, Az, Phase, ID, Op, h, m, s, Res, ISC, M50. Contains station data for O29M, PINM, HYT, HYT, AMTX, YUK6, N31M, N31M, MESA, O28M, N30M, YUK4, BGLC, BRWY, WFC, M31M, ALPN, YUK8, KAIM, MNHN, MPMY, LPIG, Q23K, CROE, TXAR, TXAR, TXAR, TXAR, TXAR, YUK3, YUK3, M30M, M30M, WRGL, M29M, M29M, VRDI, MCARA, BMRM, EYAK, APMT, P23K, GLB, YKA, YKA, YKA, YKAW, YKAW3, BVCY, SAND, L29M, L29M, M27K, OHAK, KDAK, KDAK, SJI, SJI, KSU1, M26K, KLU, SEW, ULM, ULM, ULM, K29M, K29M, CHIR, BCAR, L27K, BRSE, HARP, M24K, L26K, HOM, T35A, SCM, KNK, J30M, J30M, M23K, RC01, SML, Q19K, PMR

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Table with columns: Station ID, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations 1195.

Table with columns: Station ID, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations 1196-1995.

Table with columns: Station ID, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other technical details for stations 1996-2000.

19d 7h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BMRD Maredsous, BGES Gervas, POLO Lamas de Olo, ZALV Zalesovo Beam, etc.

IDC 19 07:12:39.6:1.9, 5.86S, 153.72E, h0km, mb3.4/5, mbmtmp3.4/5, Error ellipse: s-maj=93.7km s-min=27.5km az=128.0, New Ireland region

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

2020 MAY

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUVIX Guadalupe Vict, PESCCX Ej. Pescaderos, YUCACX Ej. Yucatan, RHX Rio Hardy, UABX UABC, Campus M, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UABX UABC, Campus M, JARAX Ej. Heriberto, ICBCE Inst. de Cultu, etc.

IDC 19 07:17:45.3:1.4, 46.28N, 53.33E, h0km, mb3.3/2, mbmtmp3.6/7, ML3.3/5, MS2.6/1, Error ellipse: s-maj=26.9km s-min=11.2km az=161.0

ISC 19 07:17:48.7:1.1, 46.11N, 01:53:34E, 0.06, h35km, n10, c202/13, 1C-5D, Western Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKTO Aktyubinsk, AKTO Akbulak array, AB31 Akbulak array, BELG Belogoronye, etc.

SSNC 19 07:18:34.3:1.4, 19.81N, 75.98W, h1km, 5km, MD2.8, ML2.7, MW2.7, Presumed earthquake

JSN 19 07:18:37.6:2.2, 19.68N, 76.48W, h0km, 34km, MD3.9, Presumed earthquake

ISC 19 07:18:33.1:1.1, 19.82N, 0:03:76.03W, 0.03, h21km, 2km, n22, c099/40, 4C, Cuba region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MARVS Santiago de Cu, etc.

Code	Station Name	A ^z	X ^y	Phase ID	ISC	Time	Res
Code	Station Name	A ^z	X ^y	Op	ISC	h	s
MARVS	comp=E,2um,0.1s						
MARVS	IAML						
RCC	Rio Carpintero	0.36	61	eP	Pb	07 18 41.3	+0.7
RCC				eS	Sb	07 18 45.5	-0.3
RCC	comp=N,375nm,0.1s						
RCC	IAML						
CHIV	comp=E,282nm,0.1s	0.40	293	eP	Pn	07 18 43.4	-0.2
CHIV	Chivirico			eS	Sn	07 18 49.7	-0.8
CHIV	IAML						
CHIV	comp=E,844nm,0.1s						
CHIV	IAML						
YAR	comp=N,1um,0.1s	0.63	330	eP	Pn	07 18 46.7	-0.2
YAR	Yar			eS	Sb	07 18 54.8	+0.8
YAR	IAML						
YAR	comp=E,294nm,0.1s						
YAR	IAML						
PINC	comp=N,220nm,0.1s	0.70	18	eP	Pb	07 18 46.6	0.0
PINC	Pinares de May			eS	Sb	07 18 54.9	-1.0
PINC	IAML						
PINC	comp=E,787nm,0.0s						
PINC	IAML						
GTBY	comp=N,697nm,0.1s	0.87	83	eP	Pn	07 18 50.4	+0.3
GTBY	Guantanamo Bay			eS	Sn	07 19 01.4	-0.7
GTBY	IAML						
GTBY	comp=N,493nm,0.0s						
GTBY	IAML						
GTBY	comp=N,571nm,0.2s						
GTBY	Guantanamo Bay			iP	Sn	07 19 02.0	-0.1
LMGC	Las Mercedes	0.95	285	eP	Sn	07 18 52.0	+0.8
LMGC				eS	Sb	07 19 04.9	+0.7
LMGC	IAML						
LMGC	comp=N,360nm,0.1s						
LMGC	IAML						
HLGC	Holguin	1.07	358	eP	Pn	07 18 54.2	+1.4
HLGC				eS	Sn	07 19 09.1	+2.0
HLGC	IAML						
HLGC	comp=N,143nm,0.5s						
HLGC	IAML						
QMBU	Quimbeulo	1.20	71	eP	Pn	07 18 54.3	-0.4
QMBU				eS	Sb	07 19 09.4	-0.9
QMBU	IAML						
QMBU	comp=N,475nm,0.2s						
QMBU	IAML						
NMDO	comp=E,294nm,0.3s	1.23	53	eP	Pn	07 18 54.4	-0.6
NMDO	Nuevo Mundo			eS	Sb	07 19 08.9	-2.1
NMDO	IAML						
NMDO	comp=E,100nm,0.3s						
NMDO	IAML						
NMDO	comp=N,51nm,0.2s						
NMDO	IAML						
NMDO	Nuevo Mundo	1.23	53	P	Pn	07 18 54.5	-0.6
MOAC	Moa	1.30	50	eP	Pn	07 18 55.7	-0.4
MOAC				eS	Sb	07 19 13.5	+0.3
MOAC	IAML						
MOAC	comp=E,96nm,0.2s						
MOAC	IAML						
MOAC	comp=N,54nm,0.2s						
MASC	Masc	1.73	78	eP	Pn	07 19 01.7	-0.2
MASC				eS	Sn	07 19 24.1	+0.8
BNJ	Bonny Gate	1.73	211	iP	Pb	07 19 03.3	-0.8
BNJ				iS	Sn	07 19 23.7	+0.2
GWJ	Greenwich	1.86	201	iP	Pn	07 19 04.8	+1.0
GWJ				iP	Pn	07 19 04.9	+1.0
STH	Stony Hill	1.89	203	iP	Pb	07 19 05.2	+1.0
STH				iP	Pb	07 19 05.3	+1.6
STH	IAML						
STH	comp=N,16nm,0.3s						
STH	IAML						
CCCC	CCCC	2.13	310	eP	Pn	07 19 06.7	-0.8
CCCC				eS	Sb	07 19 33.1	-0.3
CCCC	IAML						
CCCC	comp=N,16nm,0.3s						
CCCC	IAML						
CVJ	Coleville	2.13	222	iP	Pn	07 19 08.8	+1.2
MTDJ	Mount Denham	2.13	222	eP	Pn	07 19 08.5	+0.1
MTDJ				eS	Sn	07 19 33.2	+0.3
MTDJ	IAML						
MTDJ	comp=E,64nm,0.4s						
MTDJ	IAML						
MTDJ	comp=E,68nm,0.3s						
PCJ	Portland	2.33	208	iP	Pn	07 19 12.0	+1.8
SDDR	Presa de Saban	4.55	100	eP	Pn	07 19 42.9	+2.1

Code	Station Name	A ^z	X ^y	Phase ID	ISC	Time	Res
JAMC	Jamundi, Valle	2.66	165	P	Pn	07 19 42.2	-0.5
UREC	San Jos de Ur	2.67	43	P	Sn	07 19 43.9	+1.3
UREC				S	Pn	07 20 17.2	+2.8
UREC	San Jos de Ur	2.67	43	eP	Pn	07 19 44.2	+1.6
GRIC	Gorgona, Isla	2.89	196	P	Pn	07 19 45.9	+0.2
PTBC	PUERTO BERRIO,	2.99	76	P	Sb	07 19 49.9	-0.5
PTBC				S	Sb	07 20 29.1	-0.5
PEDAS	Pedasi	3.15	303j	eP	Sb	07 19 43.9	-5.3
ROSC	El Rosal	3.18	107	Pn	Pb	07 19 53.8	-3.1
ROSC	216nm,0.3s,baz=302,slow=11,SNR=10						
ROSC	comp=Z,3um,21.9s,baz=222,slow=32						
ROSC	Lg						
ROSC	baz=342,slow=20						
ROSC	El Rosal	3.18	107	P	Pb	07 19 54.7	-2.2
ROSC	El Rosal	3.18	107	P	Pb	07 19 54.7	-2.2
ROSC	El Rosal	3.18	107	P	Pb	07 19 54.6	-2.2
LCBC	Los Cdrobas,	3.20	18	P	Pb	07 19 51.4	+1.4
LCBC				S	Pn	07 20 29.2	+1.6
Acho3	Achotines, Los	3.21	300j	iP	Pn	07 19 45.0	-5.1
PRAC	Prado	3.23	130	P	Pb	07 19 54.6	-2.9
PRAC				P	Pn	07 19 53.5	+3.1
TOTI	Torti	3.25	343j	iP	Pn	07 19 48.2	-2.5
SPBC	San Pablo de B	3.29	92	P	Sb	07 19 54.3	+3.0
SPBC				S	Sb	07 20 35.3	-2.9
POPC	Popayan, Colom	3.31	168	P	Pn	07 19 52.5	+0.8
TOSIS	Tonosi	3.44	299j	iP	Pn	07 19 57.0	-4.9
AZU	Azuero	3.50	305	P	Sn	07 19 49.3	-4.8
AZU				S	Sn	07 20 26.9	-8.0
AZU	Azuero	3.50	305	iP	Pn	07 19 49.3	-4.8
AZU				iS	Pn	07 20 25.4	-1.0
CVZ	Cruz Verde, Cu	3.52	111	P	Sb	07 19 59.0	-3.7
CVZ				S	Sb	07 19 57.0	-4.5
BETC	Betania	3.65	148	P	Sb	07 19 59.5	+3.3
BETC				S	Sb	07 20 44.4	-4.1
CHIT3	Chitre	3.71	306j	eP	Pn	07 19 52.3	-4.6
CHIT3				iS	Pn	07 20 32.1	-8.0
CHIT3				P	Pn	07 19 52.3	-4.6
BBAC	Balboa, Cauca	3.73	178	P	Sn	07 19 44.3	+2.7
FLAM	Flamenco Islan	3.77	325	eP	Pn	07 19 53.8	-3.9
FLAM				eS	Sb	07 20 14.2	-2.7
CHPO	Chepo, Panama	3.77	333	eP	Pn	07 19 53.9	-3.9
CHIC	Chingaza	3.81	108	P	Sb	07 20 03.3	-4.9
CHIC				S	Sb	07 20 49.2	-4.2
ARRA3	Arrajjan, Pana	3.88	324	eP	Pn	07 19 54.9	-4.4
CHOR3	La Chorrera	3.89	323j	eP	Pn	07 19 55.0	-4.4
URMC	La Uribe, Meta	3.91	130	P	Pn	07 20 02.2	+2.3
PNME	Penonome	3.97	312	P	Sn	07 19 56.2	+4.3
PNME				P	Sn	07 20 01.0	-6.9
PNME	Penonome	3.97	312j	eP	Pn	07 19 56.3	-4.3
ZANG	Zanguanga, Cho	4.00	322j	eP	Pn	07 19 57.0	-3.9
VILC	Villavicencio,	4.03	114	P	Sb	07 20 06.6	-4.6
VILC				S	Sb	07 20 55.9	-3.7
GAMB1	Gambao	4.03	325	eP	Pn	07 19 57.0	-4.5
CRIS3	El Cristo, Coc	4.04	307j	eP	Pn	07 19 57.6	-4.0
GARC	Garzon, Huila	4.05	152	P	Pn	07 20 04.5	+2.6
FRJ	El Hiral	4.12	326	eP	Pn	07 19 58.2	-4.5
BCIP	Isla Barro Col	4.14	324	P	Pn	07 19 58.9	-4.1
BCIP	Isla Barro Col	4.14	324	P	Pn	07 19 58.9	-4.1
BCIP	Isla Barro Col	4.14	324	P	Pn	07 19 58.9	-4.1
BCIP				S	Pn	07 20 44.7	-6.2
BCIP	Isla Barro Col	4.14	324	P	Pn	07 19 57.9	-5.1
BCIP				S	Pn	07 20 44.8	-6.1
BCIP	Isla Barro Col	4.14	324	iP	Pn	07 19 58.1	-4.9
BCIP				P	Pn	07 20 43.5	-7.4
BARC	Barichara	4.24	79	P	Pn	07 20 03.7	-3.9
STIA3	Santiago, Vera	4.24	303	eP	Pn	07 20 06.6	-3.8
CALO3	Calobre, Verag	4.26	306	eP	Pn	07 20 01.0	-3.5
RUSL	La Rusia	4.27	89	P	Pn	07 20 07.6	+2.5
GMAL	Guarumal, Vera	4.30	297	P	Pn	07 20 01.0	-4.2
GMAL				P	Pn	07 20 03.7	-2.2
GMAL	Guarumal, Vera	4.30	297j	eP	Pn	07 20 01.6	-3.6
RSUS3	Rio de Jesus,	4.34	300	eP	Pn	07 20 02.2	-3.5
FLOC	Florencia	4.53	158	P	Pn	07 20 11.3	+3.0
FLOC				P	Pn	07 20 11.0	+2.7
SAFES	Santa Fe, Vera	4.56	307	eP	Pn	07 20 05.8	-2.9
SABA	San Jacinto, C	4.62	289	P	Pn	07 20 03.3	-4.3
SIJC	San Jacinto, C	4.62	28j	eP	Pn	07 20 09.4	-0.1
OCAC	Ocana	4.70	59	P	Pn	07 20 12.6	+1.9
PVID3	Puerto Vidal,	4.76	298	eP	Pn	07 20 08.2	-3.3
CMBC	Cumbal	4.85	185	P	Pn	07 20 13.2	+0.2
PAMC	Pampalona, Colo	4.89	71	P	Pn	07 20 16.9	+3.3
MACC	Macarena, Meta	5.05	136	P	Pn	07 20 17.4	+1.9
TULM	Tulcan-Chaipal	5.07	185	P	Pn	07 20 17.1	+1.0
ARGC	Arguani, Magd	5.08	37	P	Pn	07 20 18.8	+2.9
KKNTU	Kakint	5.34	305	eP	Sb		

19d 7h

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like SNDB, WVT, X40A, WHTX, BRDY, LCAR, R50A, SMTB, R49A, ARAG, PLPT, AC02, Q51A, LOOK, P57A, AQDB, P53A, ABTX, HHAR, WTF5, TXAR, TXAR, U38A, W35A, O54A, X34A, C2SB, O52A, APMT, DEOK, S39A, OK052, QUOK, R40A, AC05, POST, OK048, SFIN, T35A, SMWD, SLBS, BDFB, BDFB, P40A, M65A, BINY, LPIG, MSTX, P38A, N41A, CO03, K62A, SDBA, IPMB, NBPS, CO02, TRCB, CPUP, CPUP, J57A, J59A, ZON, CO04, L40A, RTBA, NBMO, CBK5, JFW5, LONY, JANB, SADO, SADO, VAO3, BB19B, PMNB, FRNY, PTGB, ANMO, ANMO, ANMO, FRTB, T25A, DUN6, L34A, BGNE, GGN.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like RCLB, NBMA, BO02, GO05, DIAM, E62A, VAO, VAO, SPB, SPMM, BSCB, NBPA, PET01, PARB, BATG, CP5B, PV15, RCBR, CMCO1, PV02, PV13, PV18, SJBMB, GUAT01, PV10, BSFB, EYMM, TBO, RDB01, DUB01, CAM01, ALFO, SRU, RSSD, PKCU, KNB, BC3, Q16A, RPN, P17A, LCMT, AGMN, TCRU, PFO, BSUT, MPU, TRQA, TRQA, SHPR, PDAR, PDAR, PLCA, PLCA, PLCA, DUG, HWUT, ULM, S11A, S11A, CCA, CCA, BGU, AHID, SNOW, LOHW, ECR, MOOW, YPH, YMR, YHL, LLO2, NVAR, NVAR, NVAR, LHV, SCHO, SCHO, SCHO, WAKR, WAKR, MFID, ORV, HATC, KUQ, FFC, FFC, FFC, SACTV, PINE, L04D, NEW, J04A, WIFE, H04A, LLLB, FRB.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like FRB, BLKN, NUUK, NUUK, PMOZ, BBB, YKAWI, YKA, YKAWA, SFJD, SFJD, TAOE, KOTAN, LIRD, V35K, T35M, T35M, DLBC, DLBC, WRGLY, CRAG, S34M, S34M, S34M, U33K, POIN, SAATT, SAATT, R33M, R33M, NUUG, NUUG, Q32M, Q32M, S32K, SIT, R32Z, P33M, P33M, P32M, MPMY, MPMY, N32M, PFVI, PFVI, WHY, PTEO, PTEO, MORF, MORF, MORF, PLBC, M31M, M31M, MESJ, MESJ, MOE, MOE, O30N, O30N, PCVE, PCAS, PCAS, PBDV, PBDV, P30M, PMTG, PMTG, N31M, PARRA, PARRA, PBEJ, PSARD, PSARD, PVAQ, PVAQ, PVAQ, C36M, PGAV, PGAV, PESTR, PESTR, PVIS, HYT, N30M, N30M.

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Table with columns: Summit, Elevation, Azimuth, Distance, Direction, Date, Time, Status, Notes. Includes summits like SUMG Summit, TULEG Thule, PCBR Caslelo Branco, etc.

2020 MAY

Table with columns: Summit, Elevation, Azimuth, Distance, Direction, Date, Time, Status, Notes. Includes summits like IWEX Carrickbyrne, GLB Gilahina Butte, IDGL Inch Island, etc.

19d 7h

Table with columns: Summit, Elevation, Azimuth, Distance, Direction, Date, Time, Status, Notes. Includes summits like HOM Homer, TRF Thorfare Moun, I23K Minto, Yukon-K, etc.

19d 7h

Table with columns: Station Name, Frequency, Power, Direction, and Azimuth. Includes stations like NOR Nord, M17K Holton River, SSB Saint Sauveur, etc.

2020 MAY

Table with columns: Station Name, Frequency, Power, Direction, and Azimuth. Includes stations like KBS Kingsbay, NB2 NORSAR Subarra, NOA NORSAR Array B, etc.

1200

Table with columns: Station Name, Frequency, Power, Direction, and Azimuth. Includes stations like MLR Muntele Rose, QSPA South Pole Qui, QSPA South Pole Qui, etc.

1201

Table with columns for station name, frequency, and various signal metrics. Includes stations like Tupik, Maximikha, Chita, and Tyrgan.

2020 MAY

Table with columns for station name, frequency, and various signal metrics. Includes stations like Hailar Array B, Hailar, Arshan, Zeya, and Songino Array.

19d 7h

Table with columns for station name, frequency, and various signal metrics. Includes stations like Seymchan, Urumqi, Kurchatov, and Kurchatov.

19d 7h

Table with columns: Call Sign, Name, Azimuth, Elevation, P, S, R, Time, and other parameters. Includes stations like K15K Wolf Creek, L14K Kukka Creek, etc.

2020 MAY

Table with columns: Call Sign, Name, Azimuth, Elevation, P, S, R, Time, and other parameters. Includes stations like AKASO Malin Array, L27K Montague Island, etc.

1202

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like JHO Hitachi, ONAJ Iwakimizuishi, etc.

NED 19 07:25:11.8, 36:52N:141:56E, h57km, MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; M1:2.61; M2:0.83; M3:3.43; Mw:0.83; Mw:2.09; Mw:2.80; Fault plane solution: Mw:4.72000x10^14 NP1:54.00000, 63.00000, -1.36.00000. NP2:30.174.00000, 69.00000, 0.22.00000. JMA 19 07:41:16.3:1.1, 34:11N:10:1.1, 34:11E:1.1, h17km, n12, MV3.5/24, E Off IBARAKI PREF

IDC 19 07:41:14.3:1.4, 34:11N:10:25:53E, h0km, mb3.7/5, mbtmp:3.7/5, ML3.4/3, MS3.4/2, Error ellipse: s-maj=29.5km s-min=22.4km az=157.0. ISC 19 07:41:16.3:1.1, 34:11N:10:1.1, 34:11E:1.1, h17km, n12, 1935/10, mb3.5/4, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like Anoyia, Malin Array Be, Torodi Ar, Be, Kurbatov Arra, etc.

IDC 19 07:44:13.1±1.5, 34°13'N:25°50'E, h0km, mb3.4/6, mbmp3.4/7, ML3.9/1, Error ellipse: s-maj=32.3km s-min=23.7km az=156.0

ISC 19 07:44:15.9±1.2, 34.22N:0°1x25.5E:0°2, h17km, n8, e0f67/8, mb3.4/5, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like Anoyia, Malin Array Be, Torodi Ar, Be, Kurbatov Arra, etc.

AEIC 19 07:51:47.1±2.3, 51°12'N:0°04':179°85W:0.03, h13km, 3km, Error ellipse: s-maj=6.3km s-min=2.5km az=172.0

NEIC 19 07:51:48.6±1.4, 51°14N:0°08':179°92W:0.04, h38km, 8km, mb3.9/7, ML3.7/12, ML3.3(AEIC), Error ellipse: s-maj=1.2km s-min=0.0km az=181.0

IDC 19 07:51:51.5±4.1, 51°58N:179°79W, h56km, 35km, mb3.3/9, mbmp3.7/11, ML4.0/2, Error ellipse: s-maj=50.9km s-min=17.5km az=179.0

ISC 19 07:51:46.4±1.6, 51.09N:0°10':179°90W:0.03, h28km±10km, n47, e1044/49, mb3.8/11, Andeanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like Amchitka, Gareloi-Kavalig, Semis' Southwe, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include Kurk Kurchatov, Kurbb Kurchatov Arra, TXAR Lajitas Array, MKAR Makanchi Array, FINES FINES Array B.

JMA 19 07:55:08.1±0.1, 36°3N:0°2':137°6E:0°1, h2km±1km, MD4.7/20, MW4.7/20, HIDA MOUNTAINS REGION

JMA Feit III J1 at HIDA MOUNTAINS REGION. IDC 19 07:55:08.9±0.7, 36°31N:137°67E, h0km, mb3.8/10, mbmp3.8/15, ML3.8/5, MS4.0/49, Error ellipse: s-maj=16.7km s-min=7.6km az=160.0

NIED 19 07:55:08.1, 36°31N:137°62E, h2km, MW4.7, Moment Tensor Solution. s3 Moment tensor: Scale 1016Nm; Mn=0.05; Mw=0.19; Mx=0.24; My=0.38; Mz=0.17;

Fault plane solution: M=1.3000x10^16 NP1: 0±184.00000°; 872.00000°; λ-10.00000°. NP2: 0±277.00000°; 880.00000°; λ-162.00000°.

GCMT 19 07:55:09.7±0.3, 36°33N:0°01':137°70E:0°2, h12km, MW4.8/101, Moment Tensor Solution. s11, c12; s103, c131; Duration: 0 Moment tensor: Scale 1016Nm; Mn=0.15±0.06; Mw=0.52±0.17; Mx=0.66±0.06; My=0.28±0.15;

Mz=1.49±0.04; Mw=0.35±0.17. Best double couple: M=1.65500x10^16 NP1: 0±170.00000°; 880.00000°; λ-1.800000°. NP2: 0±100.00000°; 882.00000°; λ170.00000°.

Principal axes: T: 1.7810, P1g13.0000°, Azm56.0000°; N -0.2520, P1g77.0000°, Azm243.0000°; P -1.5290, P1g2.0000°, Azm146.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function. NEIC 19 07:55:10.7±0.2, 36°26N:0°04':137°71E:0°05, h10km, 1km, mb4.6/24, Error ellipse: s-maj=8.7km s-min=3.0km az=127.0

ISC 19 07:55:10.3±0.5, 36.28N:0°04':137°65E:0°03, h11km, n139, r1560/69, mb4.4/24, MS4.0/49, 1C-4D, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like Niukaw, Nsakai, Ttatey, Matushiro, Matushiro, Matushiro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like SSE comp=Z, 2.10nm, 0.6s, SSE comp=Z, 120nm, 4.6s, SSE comp=N, 800nm, 16.6s, etc.

Table with columns: ZFRI, Zfri, Magnitude, P, S, Pn, Time, Res, ISC, h, m, s, ISC, Time, Res, ISC. Includes stations like Zfri, Paran, Mount Harif, Elat, etc.

2020 MAY

Table with columns: HFS, Hagfors, Magnitude, P, S, Pn, Time, Res, ISC, h, m, s, ISC, Time, Res, ISC. Includes stations like Hagfors, Midlett, MDT, etc.

Table with columns: MKAR, Makanchi Array, Magnitude, Pn, Time, Res, ISC, h, m, s, ISC, Time, Res, ISC. Includes stations like Makanchi Array, Redovoe, Kuril'sk, etc.

19d 9h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MNK, VRH, LPSR, CEST, PABE, BTNL, etc.

2020 MAY

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BORG, MK31, MKAR, ZAAO, ZALV, etc.

1208

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like UZB, SHLS, PDGK, etc.

Code Station Name Az El Phase ID Time Res
ID1 Anoyia 1.36 321 Op Pn 09 07 53.0 -0.4
ID1 IDI 5.4m,0.3s,baz=168,slow=17,SNR=6.4 Sn Sb 09 11 27.0 +0.2
AKASO Malin Array Be 16.63 7 Pn 09 11 21.4 0.0
ESDC Sonseca Array 24.44 292 P 09 12 46.9 -0.4
TORD Torodi Ar. Bea 30.10 232 Iamb Iamb 09 13 40.8 -0.1
KURBB Kurchatov Arra 41.52 50 P 09 15 13.7 +0.6
MKAR Makanchi Array 43.76 56 P 09 15 33.8 0.0
ZALV Zalesovo Beam 45.19 46 P 09 15 43.4 -1.7
YKA Yellowknife Arr 78.53 342 P 09 19 30.6 +1.2

Fault plane solution: Ms1.00000x10¹⁵ NP1:
0.346,06000, 882,15000, -173,20000, NP2:
0.255,13000, 883,27000, -17,91000, Principal axes: T
0.8927, P1g1.0000, Azm301.0000; N 0.1944,
P1g80.0000, Azm35.0000; P -1.0871, P1g10.0000,
Azm211.0000;

NEIC 19 09:08:33.6, 38.19N, 117.81W, h10km
REN 19 09:08:33.9, 1.3, 38.18N, 0.02, 117.80W, 0.02, h10km, 7km,
Error ellipse: s-maj=3.2km s-min=2.0km az=47.0
ISC 19 09:08:33.6, 0.9, 38.18N, 0.02, 117.80W, 0.02, h16km, 7km,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various seismic stations like NV11, NV06, NV07, etc., with their respective coordinates and data.

Table with columns: ELK, Elko, MTPC, MTPO, etc. Lists seismic stations and their associated data, including station names, coordinates, and time-resistance values.

IDC 19 09:20:15.7, 1.3, 34.04N, 25.54E, h0km, mb3.5/5,
mbmp3.5/9, ML3.4/4, Error ellipse: s-maj=23.6km
s-min=20.1km az=25.0
ISC 19 09:20:17.9, 0.9, 34.07N, 0.1, 25.6E, 0.1, h17km, n10,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations like ANMO, NEW, TX31, etc., with their respective coordinates and data.

MS4.0/11, Error ellipse: s-maj=5.4km s-min=3.0km
az=78.4
PDG 19 09:24:44.9, 0.2, 34.118N, 25.32E, h13km, 1km, ML4.8/12,
Error ellipse: s-maj=4.1, 3km s-min=3.7, 9km az=90.0
MCSM 19 09:24:44.6, 0.2, 34.1N, 25.3E, h8km, mb4.7, mB4.8,
ML4.5, Mw(mb)4.0
NEIC 19 09:24:44.9, 1.7, 34.11N, 0.06, 25.70E, 0.07, h10km, 1km,
mb4.9/267, Error ellipse: s-maj=11.2km s-min=9.7km
az=204.0
ISK 19 09:24:44.2, 34.18N, 25.73E, h5km, ML4.4/18
ATH 19 09:24:45.8, 34.21N, 25.79E, h13km, 4km, ML4.3/7,
Latitude uncertainty: 1 km; Longitude uncertainty: 1 km
Gll 19 09:24:45.8, 0.0, 34.022N, 0.002, 25.926E, 0.001, h0km,
Mw5.8, confirmed
THE 19 09:24:47.7, 34.1N, 25.6E, h6km, 12km, M4.2/9,
ML4.2/9
AFAD 19 09:24:49.1, 34.54N, 25.99E, h7km, 7km, MW4.5
NAO 19 09:24:53.9, 34.95N, 24.51E, h10km, MB4.2
ISC 19 09:24:44.3, 0.5, 34.12N, 0.03, 25.71E, 0.02, h10km, 2km,
h10km; p-P, n934, 0.1545/899, mb4.9/219, MS3.9/40,
42C-35D, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations like ZKR, ZKR, ZKR, etc., with their respective coordinates and data.

19d 9h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SLTI, MMT, AMAZ, and many others.

2020 MAY

Table with columns for station name, frequency, power, and other technical details. Includes stations like MODS, MODS, MODS, and many others.

1210

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAK, BFO, BFO, and many others.

1211

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MEF Metsahovi, AAL Aland, PBRC Braganca, etc.

2020 MAY

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MBAR Mbarara, KTK1 Kautokeino, CHM Chikment, etc.

19d 9h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like ZALV comp=Z,10nm,0.5s, ZALV comp=Z,85nm,18.3s, etc.

19d 9h

Table with columns: SUR, Sutherland, 66.30 185, LR, LR, 10 08 15.9, etc. Includes rows for HAL, HAL, HAL, YAK, YAK, YAK, etc.

2020 MAY

Table with columns: D20K, Etivluk River, 77.47 1 P, P, 09 36 39.2 -0.3, etc. Includes rows for TOLK, C17K, E27K, F31M, etc.

1212

Table with columns: G18K, Tagagawik, 80.25 2 Iamb, Iamb, 09 37 02.7, etc. Includes rows for G18K, H22K, F14K, H23K, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Log Cabin Wild, Anvik River, Kotanlee Air, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Mekoryuk, Kasigluk River, Bowza Creek, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Pinedale Array, Green Mountain, Harvare Ranch, etc.

IDC 19 09:33:44.2±1.6, 34°40'N:25°68'E, h0km, mb3.6/7, mbmp3.6/8, ML4.1/1. Error ellipse: s-maj=41.5km s-min=27.2km az=132.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like AKASE Main Array B, FINES FINES Array B, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like JMA 19 09:44:50.6±0.1, 36°33'N:0°2'137.76'E, etc.

BUI 19 09:45:46.1, 27°64'N:129°54'E, h48km, mb4.8/14, mb4.6/44, Ms4.6/38, Ms7.4/37

NEIC 19 09:45:47.5±0.7, 27°86'N:0°06'129°54'E:0°07, h35km, 7km, mb4.9/144, Error ellipse: s-maj=9.5km s-min=7.7km az=128.0

JMA 19 09:45:48.3±0.1, 28°0'N:0°9'129°55'E:0.8, h41km, 2km, MD4.5/15, MV4.6/15, NEAR AMAMI-OSHIMA ISLAND JMA Feil J1 at NEAR AMAMI-OSHIMA ISLAND

NIED 19 09:45:48.3, 27°99'N:129°49'E, h41km, MW4.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^16Nm; M1:0.23; M2:0.06; M3:0.17; M4:0.02; M5:0.52; M6:0.52; M7:0.89;

GCMT 19 09:45:49.5±0.3, 27°94'N:0°02'129°35'E:0°03, h16km, 1km, MW5.0/63, Moment Tensor Solution. s25,c31; s63,c87; Duration: 0 Moment tensor: Scale 10^16Nm; M1:0.7±0.10; M2:0.29±0.07; M3:1.02±0.08; M4:2.37±0.35; M5:0.31±0.05; M6:3.68±0.41; Best double couple: M4:4.7100; 1016

IDC 19 09:45:49.9±1.4, 27°90'N:129°47'E, h56km±13km, mb4.1/32, mbmp4.4/35, MS4.2/61 Error ellipse: s-maj=14.3km s-min=9.8km az=109.0

ISC 19 09:45:46.5±0.7, 27°82'N:0°03'129°54'E:0.04, h32km±4km, n563, s1811/480, mb4.8/124, MS4.3/67, 1C-2D, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like JTK Tokunoshima, JTK, JTK, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like YAK, JMTN, JTN, JSU, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like KLR, YSS, CD2, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like HNR, WBO, ARSB, etc.

F19K	Shalerucik Mo baz=266	57.95	26	P	P	09 55 34.1	-1.3	O22K	Cooper Landing baz=277	61.71	34	P	P	09 56 00.3	-1.0	YUK8	Steele Glacier baz=285	66.34	32	P	P	09 56 31.4	-0.6
D19K	Kuna River	57.95	24	P	P	09 55 34.4	-1.0	MCK	Mckinley	61.72	30	P	P	09 56 00.4	-0.9	F30M	Barrier River comp=Z,13nm,1.3s	66.35	25	Iamb	Iamb	09 56 34.8	
N17K	Nushagak Hills baz=271	58.02	34	P	P	09 55 35.0	-1.0	RND	Reindeer RND	61.78	30	Iamb	Iamb	09 56 02.0	+0.1	F30M	Barrier River baz=286	66.35	25	P	P	09 56 31.0	-0.7
O17K	Koliganek Bris baz=271	58.08	35	P	P	09 55 35.4	-1.0	F24K	Squaw Lake comp=Z,8.6nm,0.7s	61.80	26	P	P	09 56 01.1	-0.8	G30M	tAoh Zraii Nji comp=Z,1.9nm,1.4s	66.35	25	Iamb	Iamb	09 56 52.9	
G19K	Purcell Mounta baz=267	58.18	27	P	P	09 55 36.3	-0.8	PMR	Palmer baz=277	61.86	32	P	P	09 56 01.3	-1.0	G30M	tAoh Zraii Nji baz=285,SNR=6.1	66.35	25	P	P	09 56 30.9	-0.9
E19K	Redstone River comp=Z,8.0nm,1.1s	58.20	26	Iamb	Iamb	09 55 57.6		SEW	Seward baz=277	61.89	34	P	P	09 56 02.2	-0.3	PINM	Pinnacle baz=285	66.41	33	P	P	09 56 31.8	-0.5
E19K	Redstone River baz=266	58.20	26	P	P	09 55 36.8	-0.3	H24K	Noodor Dome baz=276	61.95	28	P	P	09 56 02.0	-0.9	L29M	L29M comp=Z,7.2nm,0.9s	66.60	30	Iamb	Iamb	09 56 36.6	
L18K	Granite Mounta baz=270	58.26	32	P	P	09 55 36.5	-1.1	WAT1	Susitna Watana baz=277	61.99	31	P	P	09 56 01.9	-1.3	L29M	L29M baz=285,SNR=6.7	66.60	30	P	P	09 56 32.8	-0.7
Q16K	King Salmon baz=274	58.34	36	P	P	09 55 37.1	-1.1	G24K	Adwenzic Riv baz=276	62.03	27	P	P	09 56 02.1	-1.3	M29M	Somme Creek	66.63	30	P	P	09 56 32.6	-1.1
H19K	Roundabout Mou comp=Z,1.4nm,1.4s	58.42	28	Iamb	Iamb	09 55 41.8		COLA	College baz=276	62.06	29	P	P	09 56 02.5	-1.1	BRWY	Burwash Landin baz=285	66.62	32	P	P	09 56 33.0	-0.9
H19K	Roundabout Mou baz=268	58.42	28	P	P	09 55 38.0	-0.7	D25K	Kavik River baz=275	62.20	24	P	P	09 56 03.2	-1.4	K29M	Barlow Dome comp=Z,1.7nm,1.9s	66.67	29	Iamb	Iamb	09 56 56.1	
P17K	Kvichak River baz=272	58.43	36	P	P	09 55 37.8	-1.1	KNK	Knik Glacier baz=278	62.20	33	P	P	09 56 03.7	-1.0	I30M	Mount Dempster baz=286	66.77	27	P	P	09 56 32.9	-1.1
B20K	Meade River baz=271	58.43	23	P	P	09 55 37.5	-1.2	SML	Samwill baz=277	62.21	32	P	P	09 56 03.6	-1.2	YUK4	Talbot Arm baz=286	66.84	32	P	P	09 56 34.5	-0.7
D20K	Etvluk River	58.52	24	P	P	09 55 39.4	-0.1	POKA	Poker Plat Res baz=276	62.21	28	P	P	09 56 03.2	-1.5	J30M	Hart River	66.97	28	P	P	09 56 34.9	-0.9
D20K	Etvluk River comp=Z,1.2nm,1.1s	58.52	24	P	P	09 56 29.7	+0.1	WAT6	Susitna Watana baz=277	62.39	31	P	P	09 56 05.1	-1.0	INK	Inuvik baz=287	66.97	24	P	P	09 56 34.7	-0.9
D20K	Etvluk River baz=266	58.52	24	P	P	09 55 38.6	-0.8	ILAR	Eielson Array comp=Z,1.1nm,0.9s,baz=273,slow=7.4,SNR=10	62.49	29	P	P	09 56 07.0	+0.5	YUK6	Outpost Mounta baz=286	67.08	32	P	P	09 56 35.7	-1.1
R17L	Mt. Peulik Vol baz=273	58.54	37	P	P	09 55 38.8	-1.0	DHY	Denali Highway comp=Z,1.1nm,0.9s	62.49	31	P	P	09 56 06.1	-0.7	G31M	Satah River	67.11	25	P	P	09 56 35.6	-0.9
E20K	Nigu River baz=273	58.65	25	P	P	09 55 39.9	-0.5	M23K	Glacier View baz=278	62.50	32	P	P	09 56 05.9	-0.7	F31M	Tsiighehtic baz=287	67.15	25	P	P	09 56 35.9	-0.9
N18K	Kilae Creek baz=272	58.66	34	P	P	09 55 40.1	-0.4	HDA	Harding Lake	62.51	29	P	P	09 56 05.5	-1.1	O29M	Mount Kennedy comp=Z,7.2nm,0.6s	67.16	33	P	P	09 56 35.6	-1.5
M18K	Stony River baz=271	58.67	33	P	P	09 55 39.9	-0.6	G25K	Bearman Lake baz=277	62.51	26	P	P	09 56 05.1	-0.8	M30M	Minto, Yukon baz=287	67.34	30	P	P	09 56 37.1	-1.0
J19K	Poorman baz=270	58.74	30	P	P	09 55 40.4	-0.9	E25K	Arctic Village comp=Z,1.6nm,1.6s	62.61	25	Iamb	Iamb	09 56 28.3		H31M	Peel River baz=288	67.41	26	P	P	09 56 37.4	-1.2
Q17K	Contact Creek baz=273	58.76	37	P	P	09 55 40.4	-0.9	E25K	Arctic Village baz=276	62.61	25	P	P	09 56 06.3	-1.0	SPITS	Spitsbergen Ar comp=Z,1.2nm,0.5s,baz=74,slow=6.2,SNR=3.1	67.52	32	Iamb	Iamb	09 56 43.4	
F20K	Avarant Lake baz=268	58.77	26	P	P	09 55 40.2	-0.9	F25K	Christian River baz=277	62.65	25	P	P	09 56 06.3	-1.3	HYT	Haines Junction comp=Z,1.2nm,0.5s	67.52	32	Iamb	Iamb	09 56 38.5	-1.0
O18K	Koktuh Hills baz=273	59.03	35	P	P	09 55 41.8	-1.3	C26K	Carter Bay baz=276	62.65	23	P	P	09 56 06.9	-0.6	HYT	Haines Junction comp=Z,1.6nm,1.6s	67.52	32	P	P	09 56 38.5	-1.0
P18K	Big Mountain, baz=273	59.04	35	P	P	09 55 41.7	-1.5	P23K	Montague Islan baz=278	62.92	34	P	P	09 56 08.8	-0.7	N30M	Aishik Lake	67.53	31	P	P	09 56 38.1	-1.3
ACHA	Angle Creek He Chirikof Islan baz=275	59.06	37	P	P	09 55 43.5	+0.1	GLI	Glacier Island baz=279	62.94	33	P	P	09 56 08.1	-1.4	P29M	Windy Craggy	67.76	33	P	P	09 56 40.4	-0.5
CHIR	Chirikof Islan baz=275	59.07	39	P	P	09 55 42.4	-0.9	PRP	Porcupine Dome baz=279	62.96	28	P	P	09 56 08.6	-1.3	P30M	Million Dollar baz=287	67.99	33	P	P	09 56 41.8	-0.5
H20K	Anotilleega Mo baz=270	59.07	28	P	P	09 55 42.6	-1.0	K24K	Donnelly Dome baz=279	63.10	30	P	P	09 56 09.9	-0.8	N31M	Braeburn, Yuko baz=288	68.12	31	P	P	09 56 42.8	-0.3
L19K	White Mountain baz=272	59.12	32	P	P	09 55 42.9	-1.5	C27K	Jago River comp=Z,SNR=5.8	63.10	23	P	P	09 56 09.1	-1.4	O30N	Mendenhall baz=289	68.20	32	P	P	09 56 43.2	-0.4
Q18K	Katmai Hardscr baz=272	59.20	36	P	P	09 55 42.8	-1.3	J25K	Salcha River, baz=278	63.15	29	P	P	09 56 09.9	-1.2	A36M	Sachs Harbour baz=293	68.35	19	P	P	09 56 44.3	+0.1
C21K	Knifeblade Rid baz=267	59.21	24	P	P	09 55 42.8	-1.3	M24K	Tolsona, Glenn baz=278	63.18	32	P	P	09 56 09.8	-1.4	PLBC	Pleasant Camp baz=288	68.48	33	P	P	09 56 45.1	-0.2
I20K	Naahedeneel baz=270	59.24	29	P	P	09 55 42.7	-1.7	F26K	Sheenjek River comp=Z,1.8nm,1.6s	63.20	25	Iamb	Iamb	09 56 11.6	+0.3	M31M	Drury Creek, Y baz=289	68.52	30	P	P	09 56 44.9	-0.7
A22K	Sinclair Lake baz=266	59.24	22	P	P	09 55 43.1	-1.3	F26K	Sheenjek River comp=Z,1.8nm,1.6s	63.20	25	P	P	09 56 11.6	+0.3	WHY	Whitehorse comp=Z,1.3nm,1.2s	68.80	32	Iamb	Iamb	09 56 50.9	
B21K	Ikpkpuk River baz=267	59.29	23	P	P	09 55 43.5	-1.2	PAX	Paxan baz=279	63.36	31	P	P	09 56 12.0	-0.5	WHY	Whitehorse baz=289	68.80	32	P	P	09 56 46.6	-0.8
N19K	Bonanza Creek baz=273	59.34	34	P	P	09 55 43.6	-1.7	KLU	Klutina baz=280	63.40	32	P	P	09 56 11.7	-1.1	GNI	Garni comp=Z,1.9nm,18.6s,baz=56,slow=40	68.92	305	LR	LR	10 31 15.9	
J20K	Nowinta River baz=271	59.39	30	P	P	09 55 43.8	-1.6	G26K	Porcupine Rive comp=Z,341nm,18.3s,baz=97,slow=38	63.45	26	Iamb	Iamb	09 56 18.8		ARCES	ARCESS Array B comp=Z,2.1nm,1.0s,baz=70,slow=8.8,SNR=6.8	68.95	339	P	P	09 56 47.6	-0.5
K20K	Telida baz=272	59.44	31	P	P	09 55 43.7	-2.1	G26K	Porcupine Rive baz=279	63.45	26	P	P	09 56 11.8	-1.0	ARCES	ARCESS Array B comp=Z,2.2nm,1.0s,baz=70,slow=8.8,SNR=6.8	68.95	339	P	P	10 32 26.4	
O19K	Port Alsworth baz=273	59.46	34	P	P	09 55 44.0	-2.0	RIDG	Independent Ri baz=280	63.52	30	P	P	09 56 12.1	-1.3	SKAG	Skagway baz=289	68.98	33	P	P	09 56 47.8	-0.6
E21K	Killik River baz=269	59.48	25	P	P	09 55 44.8	-1.3	Q23K	Middleton Isla baz=280	63.55	35	P	P	09 56 13.1	-0.5	S31K	Pelican baz=289	69.02	35	P	P	09 56 48.4	-0.3
G21K	Allakaket baz=270	59.64	27	P	P	09 55 46.2	-1.0	HARP	HAARP baz=280	63.60	31	P	P	09 56 13.2	-0.8	KBZ	Khabaz comp=Z,9.0nm,0.8s,baz=79,slow=2.4,SNR=24	69.06	309	P	P	09 56 49.9	+0.7
F21K	Alatina River baz=271	59.65	26	P	P	09 55 46.1	-1.1	EYAK	Coowa Ski Ar baz=280	63.64	33	P	P	09 56 13.3	-0.9	KBZ	Khabaz comp=Z,9.0nm,0.8s,baz=79,slow=2.4,SNR=24	69.06	309	P	P	10 30 56.7	
B22K	Teshepkuk Lake baz=272	59.73	22	P	P	09 55 47.9	+0.2	BELG	Belogomye comp=Z,341nm,18.3s,baz=97,slow=38	63.69	317	LR	LR	10 26 17.6		KIV	Kivak comp=Z,9.0nm,0.7s	69.13	309	P	P	09 56 50.3	+0.5
B22K	Teshepkuk Lake baz=268	59.73	22	P	P	09 55 46.0	-1.6	SCRK	Sand Creek comp=Z,1.4nm,1.4s	63.85	29	Iamb	Iamb	09 56 15.9	+0.2	OBN	Obrinsk comp=Z,4.6nm,18.4s,baz=60,slow=38	69.29	322	LR	LR	10 30 15.4	
Q19K	Cape Douglas, baz=274	59.89	36	P	P	09 55 47.8	-1.2	SCRK	Sand Creek baz=280,SNR=5.3	63.85	29	P	P	09 56 15.0	-0.8	N32M	Quil Lake baz=290	69.46	31	P	P	09 56 51.0	-0.4
H21K	Melozitna Rive baz=271	59.93	28	P	P	09 55 48.7	-0.5	DOT	Dot Lake comp=Z,2.2nm,1.5s	63.88	30	Iamb	Iamb	09 56 36.8		P32M	Atlin baz=290	69.47	33	P	P	09 56 52.7	-0.3
M20K	Styx River baz=273	59.94	32	P	P	09 55 48.2	-1.2	I26K	Coal Creek Min baz=280	63.97	28	P	P	09 56 15.8	-0.5	ALE	Alert comp=Z,1.7nm,20.6s,baz=54,slow=30	69.73	2	P	P	09 56 55.5	+2.8
P19K	Oli Pt baz=274	60.04	35	P	P	09 55 48.5	-1.5	E27K	Coleen River baz=280	64.08	25	P	P	09 56 16.5	-0.5	IMPY	Sheldon Lake, baz=291	69.74	29	P	P	09 56 52.7	-0.5
F22K	John River baz=271	60.15	26	P	P	09 55 49.5	-1.2	D27M	Malcolm River baz=280	64.12	23	P	P	09 56 16.7	-0								

19d 9h

Table with columns for station name, frequency, power, and other technical details. Includes stations like AK09 Malin Array Si, AK01 Malin Array Si, etc.

2020 MAY

Table with columns for station name, frequency, power, and other technical details. Includes stations like FFC comp=Z,7.8nm,0.9s, FFC Filin Flon, etc.

1216

Table with columns for station name, frequency, power, and other technical details. Includes stations like CLC China Lake, QSM Queen of Sheba, etc.

NEIC 19 09:48:49.9,0.9,38:151N,0:009:118:05W,0:01, h5km,1km,ML3,7/130,Mw3,6/45,ML3,9/9(REN), Error ellipse: s-maj=2.7km s-min=1.7km az=147.0, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mn=-1.02; Mw=1.65; Ms=2.67; Mo=0.88; Mx=1.52; My=-0.81; Fault plane solution: M3.03000x10^14 NP1.58,71000°, δ81.55000°, λ-28.66000°. NP2.0.153,31000°, δ61.68000°, λ-170.30000°. Principal axes: T 3.3892, P1g13.0000°, Azm109.0000°; N -0.9728, P1g60.0000°, Azm224.0000°; P -2.4263, P1g26.0000°, Azm12.0000°; IDC 19 09:48:49.7,0.8,38:10N,118:05W,h0km,mb3.4/2, mbtm3.2/6,ML3.4/4,MS3.3/3 Error ellipse: s-maj=9.5km s-min=5.5km az=49.0

NEIC 19 09:48:50.1,38:15N,118:07W,h10km, REN 19 09:48:50.2,1.0,38:14N,0:01:118:06W,0:02, h6km,3km, Error ellipse: s-maj=2.1km s-min=1.5km az=224.0, ISC 19 09:48:50.0,1.1,38:12N,0:02:118:06W,0:02, h4km,10km, n85,0:91:86, California-Nevada border region

Table with columns for Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NV11 Mina Array Sit, NV11, etc.

IDC 19 09:48:52.2,1.4,34:23N,25:71E,h0km,mb3.7/6, mbtm3.7/9,ML3.6/3, Error ellipse: s-maj=25.8km s-min=19.8km az=37.0, ISC 19 09:48:54.7,1.1,34:2N,0:1:25:7E,0:1,h17km,n10, 0:07:0/1,mb3.6/5,Crete

Table with columns for Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ANoia, IDI, EIL, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PLAI Plampang, DBNI Kabupaten Domp, LBFI Labuhan Bajo, etc.

HEL 19 10:32:55.2±0.6, 68°10'N:32°94'E, h0km, ML1.5, Suspected explosion
KOLA 19 10:32:55.4, 68°07'N:33°07'E, h0km, ML2.0, Error ellipse: s-maj=2.1km s-min=1.6km az=50.0, Olenegorsk City, Mines

IDC 19 10:32:56.9±3.2, 68°22'N:32°57'E, h0km, mbmp2.4/2, ML2.1/2, Error ellipse: s-maj=40.7km s-min=15.2km az=59.0
ISC 19 10:32:54.0±0.8, 68°05'N:03°33'07E±0.03, h0km, n28, ±128/45, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like APA0 Apatity Array, APA Apatity, APV Lovozero, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KLF Kautokeino, KTKI KTKI, etc.

REN 19 10:36:37.7±1.2, 38°16'N:0°01'±117°86W±0.01, h7km±2km, Error ellipse: s-maj=2.0km s-min=0.7km az=214.0
NEIC 19 10:36:37.0±1.6, 38°20'N:0°01'±117°82W±0.01, h5km±1km, ML3.4/172, ML3.7/9(REN), Error ellipse: s-maj=2.7km s-min=2.1km az=211.0, Nevada

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TPO, V12A Nelson, V12A Kanab, etc.

IDC 19 10:37:30.2±1.2, 33°98'N:25°45'E, h0km, mb3.6/7, mbmp3.6/11, ML3.2/4, Error ellipse: s-maj=22.7km s-min=19.3km az=37.0
THE 19 10:37:31.5, 34°N±6'±2°6E±1, h1km, M2.9/5, MLh2.9/5
ATH 19 10:37:35.2±0.8, 34°31'N:25°57'E, h10km, ML2.9/6, Latitude uncertainty: 5 km; Longitude uncertainty: 3 km
ISC 19 10:37:31.5±1.9, 34°15'N:0°07'±25°63E±0.05, h1km±11km, n31, ±198/38, mb3.6/6, Crete

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

19d 10h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZKR Zakros, NPS Neapolis, IACM Anoyia, etc.

2020 MAY

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like C36M Pataluk, C18K Utukok River, YKAW3 Yellowknife Wh, etc.

1220

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR 4.nm,0.7s, ILAR 0.6nm,0.8s, IDC 19:10:58:43.0, etc.

19d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like D20K, B22K, C23K, VNSA.

KRNET 19 11:34:14.1±0.1, 40.59N; 72.63E, mb2.7
NMC 19 11:34:17.7±3.7, 40.64N; 72.60E, h0km, mb3.2, mpv2.8,
Error ellipse: s-maj=29.8km s-min=1.2km az=175.0

Main table for 19d 12h section, listing station codes, names, coordinates, and seismic data.

HEL 19 11:37:33.8±0.2, 67.62N; 34.29E, h0km, ML1.7, Suspected explosion

KOLA 19 11:37:34.9±67.69N; 34.22E, h0km, ML1.9, Error ellipse: s-maj=3.3km s-min=1.5km az=130.0, Khibiny, mines

ISC 19 11:37:38.7±2.7, 67.65N; 33.47E, h0km, mbmp2.7/2, ML2.0/2, Error ellipse: s-maj=28.4km s-min=10.2km az=77.0

ISC 19 11:37:33.4±0.1, 67.60N; 03.3432E, h0km, n25, ±153/46, Baltic States-Belarus-Northern Russia

Main table for 19d 12h section, listing station codes, names, coordinates, and seismic data.

ISC 19 11:38:31.3±0.6, 54.89S; 127.17W, h0km, mb4.1/7, mbmp2.4/1.7, MS4.5/4.2, Error ellipse: s-maj=27.1km s-min=2.1km az=132.0

NEIC 19 11:38:33.2±1.1, 55.11S; 0.06E; 127.1W; 0.3, h10km, 1km, mb4.9/2.7, Error ellipse: s-maj=26.8km s-min=6.0km az=289.0

GCMT 19 11:38:35.2±0.1, 55.11S; 0.01E; 127.39W; 0.01, h12km, MW5.2/129, Moment Tensor Solution. s83c117, s129c214; Duration: 150 Moment tensor: Scale 10^16 Nm; Mw=1.58±; M0=5.42±; 13; M0=3.84±; 11; M0=0.86±; 30; M0=6.14±; 10; Mw=2.57±; 30; Best double

2020 MAY

couple: Ms8.19100-1016 NP13s108.00000, 869.00000, 1-6.00000, NP23s200.00000, 885.00000, 1-159.00000, Principal axes: T 8.8400, P1g11.0000, Azm332.0000; N -1.3000, Plg68.0000; Azm214.0000; P -7.5410, Plg18.0000; Azm66.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 19 11:38:32.7±0.6, 55.05S; 0.1x127.1W; 0.1, h10km, n100, c077/45, mb4.8/2.2, MS4.5/4.3, 2D, Pacific-Antarctic Ridge

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

1222

Table for 1222 section, listing station codes, names, coordinates, and seismic data.

ISC 19 11:43:08.6±1.6, 24.28S; 179.98W, h497km, 19km, mb3.3/5, mbmp4.2/0.8, Error ellipse: s-maj=21.0km s-min=18.6km az=142.0

ISC 19 11:43:09.0±0.7, 24.25S; 0.07x179.85E; 0.09, h500km, n42, c175/51, mb3.9/5, South of Fiji Islands

Main table for 1222 section, listing station codes, names, coordinates, and seismic data.

ISC 19 12:03:23.4±0.9, 36.23N; 69.92E, h0km, mb3.8/1.6, mbmp3.8/2.1, ML3.7/5, MS3.7/9, Error ellipse: s-maj=18.8km s-min=15.8km az=26.0

MOS 19 12:03:31.3±1.2, 36.52N; 69.85E, h60km, mb4.3/1.0, Error ellipse: s-maj=9.7km s-min=5.3km az=82.5

NEIC 19 12:03:33.1±2.3, 36.48N; 0.07x69.58E; 0.10, h17km, 8km, mb4.4/1.8, Error ellipse: s-maj=12.9km s-min=6.8km az=127.0

ISC 19 12:03:30.6±0.5, 36.47N; 0.05x69.92E; 0.05, h48km, n127, c212/136, mb4.1/30, MS4.3/6, 9C-5D, Hindu Kush region

Table for 1222 section, listing station codes, names, coordinates, and seismic data.

Table with columns: DRK, Karamyk, 3.42, 28, Pn, Pn, 12 04 25.7 +4.0, etc. Includes stations like Karamyk, Batken, BTK, KSH2, etc.

Table with columns: ARTI, Arti, 21.34, 343, P, P, 12 08 13.4 -0.1, etc. Includes stations like Arti, Khabaz, Shidzhatmaz, etc.

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

IDC 19 12:04:11.3: 1.8, 6:09S; 147:59E, h48km, 15km, mb3.9/15, mtbMp=2.20, ML=3.4, MS=4.7, Error ellipse: s-maj=27.0km s-min=10.3km az=83.0 NEIC 19 12:04:12.6: 1.5, 6:13S; 0:04, 147:59E: 0:08, h53km, 6km, mb4.4/27, Error ellipse: s-maj=12.3km s-min=4.5km az=101.0 DJA 19 12:04:21.5: 1.3, 7:59S; 14:7E: 1.2, h96km, 7km, MS.2/12, mb6.0/5, mb4.8/12, MLV=5.2/3, Mw(mb)5.6/5 ISC 19 12:04:14.4: 0.4, 6:18S; 0:05: 147:60E: 0:07, h77km, n96, c1941/94, mb4.3/23, Eastern New Guinea region

19d 12h

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like KK31 Karatay Array, ILAR Karatay Array, ILAR Eielson Array, etc.

CATAC 19 12:17:38.3±1.5, 10 N±5.8 7W±.1, h1km±10km, M3.5/7, MLV3.5/7, Error ellipse: s-maj=16.8km s-min=10.1km

UCR 19 12:17:44.2±1.1, 10.33N±0.66 43W, h15km±12km, MW4.1, Presumed earthquake

ISC 19 12:17:43.2±1.8, 10.282N±0.06 42W±0.06, h3km±12km, n48, e1571/57, 13C-1D, Off coast of Costa Rica

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DELF Filadelfia, ALIBA Lijas Airport, etc.

UPA 19 12:28:10.7±2.0, 5.83N±7.7 64W, h10km±17km, MW4.4, Presumed earthquake

RSNC 19 12:28:12.5±0.6, 6.1N±1.7 8W±.1, h23km±1km, M3.2, mb4.2, mb5.0, ML2.9, MLV3.7, Mw(MB)4.3

ISC 19 12:28:16.0±3.0, 5.90N±7.7 57W, h50km±27km, mb3.5/5, mbmp3.8/7, ML2.8/2, MS3.2/3, Error ellipse: s-maj=38.3km s-min=20.9km az=39.0

ISC 19 12:28:09.9±2.9, 5.87N±0.02 77.59W±0.03, h9km±19km, n62, e136/96, mb3.5/4, 1C-1D, Near west coast of Colombia

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SOLC Bahia Solano, PIZC Pizarro, PTAC Punta Ardita, etc.

2020 MAY

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like ROSC El Rosal, POPC Popayan, PRAC Prado, etc.

ISC 19 12:29:52.9±1.1, 34.14N±25.72E, h0km, mb3.8/10, mbmp3.7/15, ML3.5/5, MS3.6/1, Error ellipse: s-maj=21.7km s-min=16.3km az=2.0

NEIC 19 12:29:53.8±2.1, 34.09N±0.09 25.77E±0.07, h10km±2km, mb4.2/11, Error ellipse: s-maj=15.8km s-min=9.7km az=192.0

GII 19 12:29:57.8±0.0, 34.037N±0.003 25.873E±0.001, h0km, Mw3.5, confirmed

ISC 19 12:29:54.0±0.7, 34.15N±0.06 25.71E±0.06, h10km, n56, e126/72, mb4.0/15, Crete

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ANOY Anoyia, KARP Karpathos, etc.

ISC 19 12:29:54.0±0.7, 34.15N±0.06 25.71E±0.06, h10km, n56, e126/72, mb4.0/15, Crete

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SALP Salfit, SCTE Santa Cesarea, GEM Giv'at Ha'Em, etc.

1224

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like ABKAR Akbulak array, TORD Tokoli Ar. Bea, etc.

ISC 19 12:37:27.8±0.1, 67.44N±23.56E, h0km, ML1.5, Explosion

ISC 19 12:37:28.7±1.7, 67.46N±23.33E, h0km, mbtmp2.6/2, ML2.1/2, Error ellipse: s-maj=40.1km s-min=11.8km az=97.0

UPP 19 12:37:28.2±0.2, 67.43N±23.37E, h0km, ML1.9, Suspected explosion

ISC 19 12:37:26.3±0.8, 67.44N±0.02 23.51E±0.02, h0km, n31, e131/46, Sweden

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KLF Kolari, PAJU Pajala, etc.

ISC 19 12:37:26.4±2.6, 42.15N±81.67E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=21.8km s-min=16.5km az=16.0

SOME 19 12:37:26.1, 42.15N±81.65E, h15km

ISC 19 12:37:26.2±2.4, 16N±10.81E±0.09, h14km±12km, n25, e1376/35, 4C, Northern Xinjiang

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SHLS Shalkode, KEV Kevo, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KOKPEK, SATY, DJR, ARXS, KOTS, DGS, MK31, MRKS, IUG, BRLS.

IDC 19 12:41:22.6:2.1,34:18N:25:56E,h0km,mb3.5/4, mbmp3.5/7,ML3.2/3, Error ellipse: s-maj=40.3km s-min=20.2km az=34.0

ISC 19 12:41:24.2:1.5,34:1N:02:25.7E:0.2,h17km,n8, c1887/10,mb3.5/4,Crete

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ANOYIA, EIL, AKASG, GERES, ESCD, FINES, KURBB, MKAR.

DNK 19 13:01:38.4:2.0,59:26N:11:10E,h0km,ML1.8(UPP), Suspected explosion

BER 19 13:01:39.0:1.2,59:22N:11:32E,h0km,ML1.4, Suspected explosion,Southern Norway

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like STRU, FINU, VANU, KONO, NASU, TJOU, UDD, NC602, HOMB, BORU, ONAU, SNART.

IDC 19 13:42:10.2:6.8,15:29S:172:98W,h0km,mb3.9/2, mbmp3.9/2, Error ellipse: s-maj=336.7km s-min=25.0km az=142.0,Samoa Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes station AF1 Afiamalu.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations AFI, AF1, H1S2, H1S3, H1S1, H1N3, H1N1, H1N2, WRA, ASAR, BRTR.

Gll 19 13:48:13.1:0.0,33:614N:0:002:25:434E:0:001,h0km, Mw=3.7, confirmed

IDC 19 13:48:19.1:1.1,34:20N:25:58E,h0km,mb3.7/7, mbmp3.6/13,ML3.2/6,MS2.9/8, Error ellipse: s-maj=21.7km s-min=16.4km az=14.0

THE 19 13:48:22.9,34:1N:23:25E,h0km,az=14.0,MLh2.8/6, MLh2.8/6

ATH 19 13:48:23.8:0.7,34:34N:25:62E,h15km,ML3.0/10, Latitude uncertainty: 4 km; Longitude uncertainty: 2 km

ISC 19 13:48:21.1:1.6,34:24N:0:06:25.54E:0.03,h10km,gkm, n49,c087/46,mb3.7/6,MS3.0/4,Crete

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations NPS, ZKR, ZKR, STIA, SIT2, IACM, IDI, GVD, VAM, IMMV, KARP, THERA, ANKY, APE, VLI, MMAI.

SALP Salifit 8.37 102 P Pn 13 50 14.6 -8.0

BRTR Keskin Array B 8.48 47 Pn Pn 13 50 24.6 +0.5

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations HMDT, RMNI, DSI, MSBI, KRMI, PRNI, GHJA, EIL, MLR, KBZ, AKASG, AKASG, GERES, ESCD, NDT, MOA, TORD, KURBB, MKAR, ZALV, SONM, SCHO, CMAR, YKA.

IDC 19 13:54:45.9:306.0,53:79N:99:47E,h0km, Error ellipse: s-maj=132.1km s-min=115.9km az=70.0,Southeastern Siberia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations I43M, I46RU, I43RU, I37NO, I37NO.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations I43RU, I37NO, I37NO.

IDC 19 14:10:15.6:0.0,34:09N:25:53E,h0km,mb3.8/1/4, mbtmp3.8/20,ML3.5/6,MS2.8/4, Error ellipse: s-maj=20.9km s-min=15.5km az=18.0

Gll 19 14:10:15.6:0.0,34:09N:25:53E:0:002:25:905E:0:001,h0km, Mw=3.6, confirmed

ISK 19 14:10:18.1,34:25N:25:74E,h14km,ML3.5/7

ATH 19 14:10:18.1:0.8,34:24N:25:72E,h15km,ML3.3/10, Latitude uncertainty: 5 km; Longitude uncertainty: 4 km

THE 19 14:10:20.3,34:1N:8:26E,h11km,az=18.0,MLh3.0/7, MLh3.0/7

ISC 19 14:10:15.1:1.8,34:11N:0:06:25.50E:0.03,h10km, n74,c183/81,mb3.9/13,Crete

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations ZKR, ZKR, ZKR, STIA, SIT2, NPS, IACM, IDI, IMMV, KARP, THERA, ANKY, ARG, APE, VLI, MMAI.

SALP Salifit 8.22 102 P Pn 14 12 13.0 -1.4

Giv'at Ha'Em 8.35 93 P S Pn 14 13 48.8 -2.5

Ytir Yatir 8.39 106 P S Pn 14 12 15.9 -0.9

RMNI Mount Ramon 8.43 112 P S Pn 14 12 16.5 -0.8

HMNT Nahal Hemdat 8.44 100 P S Pn 14 13 50.2 -2.3

BRTR Keskin Array B 8.47 46 Pn Pn 14 12 20.0 +2.1

BRTR comp=2.62nm,21.6s,baz=244,slow=46 1.2nm,0.8s

KSHT Keshet 8.51 95 P Pn 14 12 17.4 -1.1

KSHT Dead Sea 8.53 105 P S Pn 14 13 52.6 -2.2

MSBI Mazada 8.60 106 P S Pn 14 12 18.6 -1.0

KRMI Paran Flat 8.62 115 S Pn 14 12 19.1 -0.8

KRMI Paran 8.72 113 S Pn 14 12 20.3 -1.1

PRNI Paran 8.72 113 S Pn 14 13 57.6 -2.1

GHJA Ghor Haditha 8.77 106 P S Pn 14 12 20.9 -1.0

HRFI Mount Harif 9.02 115 S Pn 14 13 58.2 -2.6

HRFI Elat 9.02 117 Pn S Pn 14 12 26.6 +1.2

EIL Elat 9.02 117 P S Pn 14 14 02.9 -4.1

EIL Elat 9.02 117 P S Pn 14 12 24.5 -0.9

EIL Elat 9.02 117 P S Pn 14 10 04.9 -2.1

MLR Muntele Rosu 11.37 1 LR comp=2.39nm,21.8s,baz=182,slow=41 0.2nm,0.4s

KBZ Khabaz 16.44 49 Pn 0.1nm,0.3s,baz=253,slow=4.8,SNR=9.7 8.4nm,1.1s

AKASG Malin Array Be 16.78 8 Pn 0.1nm,0.3s,baz=200,slow=11,SNR=9.5 0.6nm,0.6s

GERES GERES Array B 17.22 332 P 14 14 16.0 +0.3

ESDC Sonseca Array 24.30 292 P 14 15 31.3 -1.5

HFS Haglors 27.20 347 P 14 15 57.3 -1.3

FINES FINES Array B 27.35 0 P 14 15 58.3 -1.7

NOA NORSAR Array B 28.52 345 LR 14 27 59.2

EKA Eskdalemuir Ar 29.16 326 P 14 16 14.1 -2.0

TORD Torodi Ar. Bea 30.18 232 P 14 16 23.3 -2.3

ARCES ARCESS Array B 35.48 360 P 14 17 09.8 -1.5

DBIC Dimbroco 39.28 233 LR 14 36 27.4

KURBB Kurchatov Arra 41.44 50 P 14 18 02.5 +0.8

MKAR Makanchi Array 43.99 56 P 14 18 23.3 +0.8

SPITS Spitsbergen Ar 44.35 357 P 14 18 23.9 -1.2

ZALV Zalesovo Beam 45.41 45 P 14 18 33.6 -0.1

SONM Songino Array 59.81 50 P 14 20 20.9 +0.3

19d 14h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SCHQ Schefferville, YKA Yellowknife Ar, ILAR Eielson Array, WEL 19 14:13:53.2-1.1, 35.5-10.17, 9W.11, 8, h409km, 12km, etc.

19d 14:35:56.8, 34.27N, 25.57E, h6km, ML3.5/26
ATH 19 14:35:56.7, 0.6, 34.14N, 25.81E, h10km, ML3.6/9,
Latitude uncertainty: 3 km; Longitude uncertainty: 2 km
NEIC 19 14:35:56.1, 1.1, 34.09N, 0.07, 25.58E, 0.05, h10km, 1km,
mb4.2/19, Error ellipse: s-maj=11.5km s-min=7.2km
az=197.0

19d 14:35:57.2, 34.12N, 25.62E, h0km, 16km, M3.4/11,
MLh3.4/11
GII 19 14:35:57.1, 0.0, 34.062N, 0.002, 25.918E, 0.001, h0km,
Mws4.2, confirmed
ISC 19 14:35:56.2, 1.0, 34.05N, 0.005, 25.72E, 0.03, h15km, 6km,
n213, r192/240, mb4.1/30, MS3.2/16, 8D, Crote

Main table of station data for 19d 14h, listing station names, coordinates, and various parameters.

2020 MAY

Main table of station data for 2020 MAY, listing station names, coordinates, and various parameters.

1226

Main table of station data for 1226, listing station names, coordinates, and various parameters.

19d 14:46:28.8-1.1, 45.46N, 27.71W, h0km, mb3.6/11,
mbmp3.5/12, ML3.9/1, MS3.4/25, Error ellipse:
s-maj=35.0km s-min=20.2km az=11.0
NEIC 19 14:46:30.9, 2.3, 45.44N, 0.1, 27.8W, 0.1, h10km, 1km,
mb4.2/11, Error ellipse: s-maj=22.4km s-min=14.1km
az=163.0
ISC 19 14:46:30.5, 0.8, 45.44N, 0.2, 27.7W, 0.1, h10km, n46,
o89R/24, mb3.9/15, MS3.5/24, Northern Mid-Atlantic

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Porto Moniz, Sonseca Array, Ridge, etc.

Table with columns: GVD, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Gavdhos, Varnos, Karpathos, etc.

Table with columns: AK06, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Malin Array, Malin Array Si, etc.

19d 14h: 27.7, 0.8, 34.19Nk-25.59E, h0km, mb4.1/18, mbtmp4.1/27, ML3.6/8, MS3.4/19, Error ellipse: s-maj=16.1km s-min=12.3km az=173.0, Gll 19 14:58:27.2, 2.1, 34.043N, 0.001:25.737E:0.001, h0km, Mngs: 5, confirm

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

Table with columns: MSBI, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Mazada, Paran Flat, etc.

Table with columns: PAB, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like San Pablo, Malin Array, etc.

19d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like MKAR Makanchi Array, SPB2 Spitsbergen Ar, SPB2 Spitsbergen Ar, etc.

CATAC 19:15:04:27.04,0.5,7.2N:2.7W:3W', h158km,4km,M4,7/10, mB4.8/2, mB4.9/2, MLV4.6/10, Mw(m)B4.2/2, Error ellipse: s-maj=8.5km s-min=4.2km az=101.0, confirmed

IDC 19:15:04:28.0,0.5,6.75N:72.96W, h163km,5km, mb3.6/13, mbmtpp,1/16, Error ellipse: s-maj=14.0km s-min=7.4km az=130.0

NEIC 19:15:04:29.0,0.9,6.78N:0.06:72.95W:0.05, h164km,5km, mb4.2/52, Error ellipse: s-maj=9.1km s-min=7.1km az=199.0

RSNC 19:15:04:29.3,0.0,7.1N:1.7W:3W', h152km,1km,M4.2, mB4.9, mb4.5, ML3.9, Mw(m)B4.2

ISC 19:15:04:28.6,0.5,6.82N:0.03:73.07W:0.04, h161km,4km, n158, r1946/196, mb4.2/38, 1D, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like BARC Barichara, PAMC Pamplona, BRUC Barrancabermej, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like URMC La Uribe, LUCB Los Crodobas, GVCB San Jose del G, etc.

APG El Apazole 18.91 297 P P 15 08 38.6 -1.2

LPAZ La Paz 14.28 168 P P 15 09 23.6 -0.9

LPBZ La Paz 12.25 287 P P 15 09 54.6 -0.8

APB11 IPOC Station P 26.63 173 P P 15 09 31.8 -2.1

WHAR Woolly Hollow 33.39 331 P P 15 10 52.5 +0.8

TXAR Lajitas Array 36.50 312 P P 15 11 19.2 +0.6

TXAR Lajitas Array 36.50 312 P P 15 11 19.3 +0.7

TXAR Lajitas Array 36.50 312 P P 15 11 19.4 +0.8

TXAR Lajitas Array 36.50 312 P P 15 11 19.5 +0.9

TXAR Lajitas Array 36.50 312 P P 15 11 19.6 +1.0

TXAR Lajitas Array 36.50 312 P P 15 11 19.7 +1.1

TXAR Lajitas Array 36.50 312 P P 15 11 19.8 +1.2

TXAR Lajitas Array 36.50 312 P P 15 11 19.9 +1.3

TXAR Lajitas Array 36.50 312 P P 15 11 20.0 +1.4

TXAR Lajitas Array 36.50 312 P P 15 11 20.1 +1.5

TXAR Lajitas Array 36.50 312 P P 15 11 20.2 +1.6

TXAR Lajitas Array 36.50 312 P P 15 11 20.3 +1.7

1228

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like SUMC Summit, MIMPY Sheldon Lake, NEEM North Greenlan, etc.

ARCES ARCESS Array B 86.65 20 P P 15 16 53.3 -0.4

ARCES ARCESS Array B 86.65 20 P P 15 17 13.1

ARCES ARCESS Array B 86.65 20 P P 15 17 33.1 +0.5

ARCES ARCESS Array B 86.65 20 P P 15 17 53.1 +1.0

ARCES ARCESS Array B 86.65 20 P P 15 18 13.1 +1.5

ARCES ARCESS Array B 86.65 20 P P 15 18 33.1 +2.0

ARCES ARCESS Array B 86.65 20 P P 15 18 53.1 +2.5

ARCES ARCESS Array B 86.65 20 P P 15 19 13.1 +3.0

ARCES ARCESS Array B 86.65 20 P P 15 19 33.1 +3.5

ARCES ARCESS Array B 86.65 20 P P 15 19 53.1 +4.0

ARCES ARCESS Array B 86.65 20 P P 15 20 13.1 +4.5

ARCES ARCESS Array B 86.65 20 P P 15 20 33.1 +5.0

ARCES ARCESS Array B 86.65 20 P P 15 20 53.1 +5.5

ARCES ARCESS Array B 86.65 20 P P 15 21 13.1 +6.0

ARCES ARCESS Array B 86.65 20 P P 15 21 33.1 +6.5

ARCES ARCESS Array B 86.65 20 P P 15 21 53.1 +7.0

ARCES ARCESS Array B 86.65 20 P P 15 22 13.1 +7.5

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, ISC. Includes stations like MASN, SCLA, COEG, OCON, MARCA, PAVA, NADN, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, ISC. Includes stations like CHAN, KNDR, KNDR, KNDR, THERA, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, ISC. Includes stations like AK02, AK16, AK17, AK11, AK15, etc.

CATAC 19 15:40:41.3±0.7, 14°N, 6°W, h36km, 17km, ML4.0/21, MLV4.0/21, Error ellipse: s-maj=15.7km s-min=2.9km az=32.6, confirmed

GCG 19 15:40:43.2±1.3, 14°26'N, 91°65'W, h75km, 10km, MD4.0, ML4.0, Presumed earthquake

ISC 19 15:40:45.0±1.8, 14.3N±0.1, 91.60W±0.09, h68km±10km, n32, ±28/10/48, Guatemala

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, ISC. Includes stations like STG2, STG5, STG5, STG8, THIG, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, ISC. Includes stations like CSS, CSS, CSS, LIT, KEK, OFRI, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, ISC. Includes stations like AK02, AK16, AK17, AK11, AK15, etc.

ATH 19 15:44:20.9±0.7, 34°01'N, 25°77'E, h10km, ML3.7/7, Latitude uncertainty: 3 km; Longitude uncertainty: 2 km

THE 19 15:44:20.8, 34°N, 13°±2'E, h1km, 23km, M3.5/9, MLh3.5/9

GII 19 15:44:21.0±0.0, 34°02'N, 0°02'-25°77'E, h0km, NPS, Mw=2.2, confirmed

IDC 19 15:44:20.5±0.9, 34°19'N, 25°65'E, h0km, mb4.0/20, mbmp4.0/30, ML4.0/9, MS3.4/21, Error ellipse: s-maj=18.6km s-min=12.5km az=19.0

NEIC 19 15:44:22.6±1.9, 34°14'N, 0°06'-25°60'E, h10km±1km, mb4.1/28, Error ellipse: s-maj=9.7km s-min=8.6km az=187.0

ISK 19 15:44:23.1, 34°26'N, 25°64'E, h10km, ML3.7/15, ISC 19 15:44:21.0±0.5, 34.05N±0.04, 25.71E±0.03, h10km, n214, f=147/239, mb4.0, MS3.5/17, D, Crete

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, ISC. Includes stations like BNN, RAE, RAE, MLR, MLR, KMPD, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, ISC. Includes stations like AK02, AK16, AK17, AK11, AK15, etc.

19d 15h

Table with columns: CMAR, KLR, KSRS, YKA, ILAR, JNU, PETK, MJAR, ANMO. Includes station names, times, and coordinates.

2020 MAY

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like Zakros, Neapolis, Heraklion, Anoyia, Gavdhos, etc.

1230

Table with columns: C36M, E29M, F30M, YKA, I49A, H29M, I28M, I28M, PETK. Includes station names, times, and coordinates.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like San Lorenzo, San Lorenzo, Cafayete, IFOC Station P, etc.

Latitude uncertainty: 3 km; Longitude uncertainty: 2 km
ISC 19 15:57:18.8±1.34;21N;25.70E;h0km,mb3.9/15, mbmp3.8/20,ML3.3/5,Error ellipse: s-maj=21.3km az=16.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Zakros, Zakros, Neapolis, Neapolis, Heraklion, Anoyia, etc.

ISC 19 15:49:27.6±3.3, 40.68N;127.33W,h0km,mb3.1/3, mbmp3.1/6,ML3.6/2,MS2.8/2,Error ellipse: s-maj=55.2km s-min=22.1km az=30.0

NEIC 19 15:49:31.4±1.1, 40.85N;108.127.20W;h0km,1h10km,2km, ML3.0/50,Error ellipse: s-maj=15.4km s-min=6.0km az=217.0

ISC 19 15:49:30.1±1.6, 40.83N;107.127.33W;h10km,n51, +f107.39,mb3.2/3,Az off coast of northern California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Capetown, Petrolia, Mount Pierce, Jacoby Creek, etc.

ISC 19 15:50:27.8±0.9, 34.22N;25.67E,h0km,mb3.8/14, mbmp3.7/21,ML3.3/6,MS3.4/2,Error ellipse: s-maj=17.5km s-min=14.5km az=176.0

Table with columns: YB, KBZ, KIEV, AKASA, AKBB, FUERN, GERES, ESDD, HFS, FINES, FINES, TINES, ARCES, ARCES, KURBB, KURK, MKAR, MKAR, SPITS, ZALV, NRK, NRK, SONM, SONM, SCH, SCH, USHO, YKA, ILAR. Includes station names, times, and phases.

Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: WRA, ASAR, MKAR, KURBB. Includes station names, times, and phases.

Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: KCTM, KCTM, PETL, PETL, FER, FER, KMPM, KMPM, JCC, JCC, KMRM, KMRM, DMOR, DMOR, KXHM, KXHM, KRP, KRP, KHPM, KHPM, KXHM, KXHM. Includes station names, times, and phases.

Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: RVC, RVC, INGLE, KOMM, KOMM, WEAV, WEAV, MND, MND, GTC, GTC, KRM, KRM, O02D, O02D, O02D, O02D, N02D, N02D, GROM, GROM, GWRM, GWRM, LBKM, LBKM, M02C, M02C, GVV, GVV, KBO, KBO, KBO, KBO, L02F, L02F, HOPS, HOPS, YBH, YBH, YBH, YBH. Includes station names, times, and phases.

Table with columns: YBH, GHGM, LTOCM, LTOCM, LSHM, LSHM, LGBM, LGBM, GPMM, GPMM, M03C, M03C, GRM, GRM, LHEM, LHEM, O03E, O03E, O03E, O03E, LDBM, LDBM, MNRC, MNRC, K02D, K02D, HATC, HATC, HATC, HATC, L04D, L04D, LTIM, LTIM, SUTB, SUTB, SUTB, SUTB, ORV, ORV, ORV, ORV, MCCM, MCCM, MCCM, MCCM, J01E, J01E, J01E, J01E, BBOR, BBOR, BBOR, BBOR, FARB, FARB, FARB, FARB, K04D, K04D, AFDM, AFDM, BEKR, BEKR, BEKR, BEKR, I03D, I03D, I03D, I03D, JRSC, JRSC, JRSC, JRSC, K05A, K05A, K05A, K05A, WEL, WEL, WEL, WEL, I02E, I02E, I02E, I02E, I04A, I04A, I04A, I04A, J05D, J05D, J05D, J05D, BUCK, BUCK, BUCK, BUCK, PNTR, PNTR, PNTR, PNTR, WIFE, WIFE, WIFE, WIFE, H04D, H04D, H04D, H04D, H04A, H04A, H04A, H04A, HULI, HULI, HULI, HULI, NVAR, NVAR, NVAR, NVAR, ELK, ELK, ELK, ELK, NEW, NEW, NEW, NEW, PDAR, PDAR, PDAR, PDAR, SDDO, SDDO, SDDO, SDDO, ANMO, ANMO, ANMO, ANMO, DLBC, DLBC, DLBC, DLBC, TXAR, TXAR, TXAR, TXAR, ECSD, ECSD, ECSD, ECSD, ULM, ULM, ULM, ULM, YKA, YKA, YKA, YKA, KDAK, KDAK, KDAK, KDAK, INK, INK, INK, INK, CMIG, CMIG, CMIG, CMIG, JTS, JTS, JTS, JTS, H1N3, H1N3, H1N3, H1N3, H1N2, H1N2, H1N2, H1N2, H1N1, H1N1, H1N1, H1N1, H1S1, H1S1, H1S1, H1S1, H1S2, H1S2, H1S2, H1S2, H1S3, H1S3, H1S3, H1S3.

Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: WEL, WEL, I02E, I02E, I04A, I04A, J05D, J05D, BUCK, BUCK, PNTR, PNTR, WIFE, WIFE, H04D, H04D, H04A, H04A, HULI, HULI, NVAR, NVAR, ELK, ELK, NEW, NEW, PDAR, PDAR, SDDO, SDDO, ANMO, ANMO, DLBC, DLBC, TXAR, TXAR, ECSD, ECSD, ULM, ULM, YKA, YKA, KDAK, KDAK, INK, INK, CMIG, CMIG, JTS, JTS, H1N3, H1N3, H1N2, H1N2, H1N1, H1N1, H1S1, H1S1, H1S2, H1S2, H1S3, H1S3.

Table with columns: baz=54,slow=75,SNR=36, SDD, SDD, SSNC, SSNC, JSN, JSN, ISC, ISC, Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes station names, times, and phases.

Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: CHIV, CHIV, CHIV, CHIV, MARVS, MARVS, MARVS, MARVS, LMGC, LMGC, LMGC, LMGC, YAR, YAR, YAR, YAR, RCC, RCC, RCC, RCC, HLGC, HLGC, HLGC, HLGC, GTBY, GTBY, GTBY, GTBY, BNJ, BNJ, BNJ, BNJ, QMBU, QMBU, QMBU, QMBU, GWJ, GWJ, GWJ, GWJ, NMDO, NMDO, NMDO, NMDO, STH, STH, STH, STH, HOJ, HOJ, HOJ, HOJ, MOCV, MOCV, MOCV, MOCV, MTJD, MTJD, MTJD, MTJD, MTDJ, MTDJ, MTDJ, MTDJ, CCCC, CCCC, CCCC, CCCC, PCJ, PCJ, PCJ, PCJ, MASC, MASC, MASC, MASC, MASC, MASC, MASC, MASC, LCCY, LCCY, LCCY, LCCY, NEIC, NEIC, NEIC, NEIC, DJA, DJA, DJA, DJA, ISC, ISC, ISC, ISC.

19d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BAKI Biak, DRS Darwin Rock St, BAUMATZ Baumatz, etc.

19d 16:15:24.9, 1.0, 34.23N, 25.61E, h0km, mb3.8/1.4, mbmp3.7/2.7, ML3.4/7, MS2.9/4, Error ellipse: s-maj=19.8km s-min=14.1km az=12.0

NEIC 19 16:15:26.2, 1.5, 34.15N, 0.08, 25.58E, h10km, 1km, mb4.5/2.0, Error ellipse: s-maj=14.3km s-min=7.7km

THE 19 16:15:26.7, 34.1N, 24.2E, h2km, 29km, M3.3/5, ML3.3/5

ATH 19 16:15:26.3, 0.7, 34.01N, 25.79E, h10km, ML3.3/7, Latitude uncertainty: 4 km; Longitude uncertainty: 2 km

ISC 19 16:15:26.1, 5, 34.09N, 0.05, 25.68E, h13km, 9km, n76, e112/86, mb4.1/1.9, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ZKR Zakros, SIPT2 Siteia, NPS Neapolis, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DAVOX Davos/Dischmat, BFO Black Forest, ESDC Sonseca Array, etc.

19d 16:24:39.4, 5.7, 31.38S, 178.55W, h0km, mb3.1/2, mbmp3.1/2, Error ellipse: s-maj=233.5km s-min=56.7km

WEL 19 16:25:31.5, 0.8, 31.1S, 117.9W, h31km, 13km, M4.3/1, mb4.6/8, ML4.6/7, MLv4.8/11, Mw(mb)3.9/8, Error ellipse: s-maj=43.6km s-min=5.4km az=108.8

NOU 19 16:25:55.7, 33.58S, 179.94E, h18km, MLv4.6/8, South of Kermadec Islands

ISC 19 16:25:32.8, 2.0, 31.6S, 0.1, 179.4W, 2.0, h500km, n65, e129/61, Kermadec Island Region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MXZ Matakaoa Point, WNGZ Waiomatatini S, HAZ Te Kaha, etc.

19d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like QRZ Quartz Range, KHZ Kahutara, ASAR Alice Springs, etc.

IDC 19 16:27:59.2, 0.7, 24.15N, 125.03E, h0km, mb4.0/1.8, mbmp4.0/1.9, ML3.9/1, MS3.2/3, Error ellipse: s-maj=27.7km s-min=16.2km az=63.0

NEIC 19 16:28:03.6, 1.0, 24.20N, 0.09, 125.11E, 0.07, h27km, 5km, mb4.2/2.0, Error ellipse: s-maj=13.9km s-min=8.8km

NIED 19 16:28:04.3, 24.17N, 125.14E, h54km, MW3.9, Moment Tensor Solution. s2 Moment tensor: Scale 10^14Nm

JMA 19 16:28:04.3, 0.2, 24.1N, 125.1E, 0.6, h54km, 4km, MV3.6/1.3, NEAR MIYAKUJIMA ISLAND

ISC 19 16:28:03.8, 1.3, 24.12N, 0.06, 125.0E, 0.04, h33km, 8km, n82, e07/88, mb4.2/2.9, MS3.2/3, Southwestern Ryukyu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JMW2 Miyako jima3, JMW3 Tarama, JTJ Teienji, etc.

CMAR Chiang Mai Arr 25.03 262 LR 16 44 28.4

BKB Balikpapan 26.47 199 P 16 33 37.5 -0.6

JAGI Jagg, Banyuwya 34.12 200 P 16 34 45.7 -0.1

PETK Petropavlovsk 37.95 32 P 16 35 18.3 -0.0

PET Petropavlovsk 38.37 33 P 16 35 21.9 +0.3

MKAR Makanchi Array 40.93 314 P 16 35 43.0 -0.2

ZALV Zalesovo Beam 42.30 325 P 16 35 53.2 -1.1

ZALV Zalesovo Beam 42.30 325 P 16 35 52.9 -1.4

TARG Taragay, Kyrgy 42.86 306 P 16 35 57.4 -2.1

KURK Kurchatov 44.49 319 Iamb Iamb 16 36 12.3 -0.5

WB0 Warramunga Arr 44.51 168 P 16 36 13.1 +0.4

WRAB Tennant Creek 44.70 168 P 16 36 14.1 +0.2

WRA Warramunga Arr 44.71 168 P 16 36 14.2 +0.2

WRA Warramunga Arr 44.71 168 P 16 36 14.7 +0.4

AAK Ala-Archa 45.43 307 P 16 36 19.9 +0.1

AAK Ala-Archa 45.43 307 P 16 36 18.9 -0.8

ASAR Alice Springs 48.26 169 P 16 36 42.7 +0.5

ASAR Alice Springs 48.26 169 P 16 36 42.9 +1.1

BVAR Borovoye Array 50.03 320 P 16 36 55.0 -0.1

BORK Borovoye 50.07 320 P 16 36 54.9 -0.5

NR1K Noril'sk 50.44 344 LR 16 59 39.1

ABR1 Akbulak array 56.07 314 P 16 37 39.6 0.0

19d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like QRZ, CTCT, CTAO, STKA, INKA, AS31, ASAR, etc.

Table with columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and ISC. Includes stations like ZKR, NPS, IACM, etc.

2020 MAY

Main table listing stations with columns for IACM, IDI, GVD, VAM, KARP, etc., and technical details. Includes stations like Anoyia, Gavdhos, Vamos, etc.

1234

Table listing stations with columns for ACASG, AKASG, AKBB, etc., and technical details. Includes stations like Malin Array Be, Malin Array B, etc.

MAN 19 17:53:02.0, 21:18N-120:97E, h9km, MS4.6
IDC 19 17:53:03.7, 21:18N-120:97E, h9km, MS4.6
IDC 19 17:53:04.2, 21:18N-120:97E, h9km, MS4.6

19d 17h

Table with columns: Code, Station Name, Az, El, P, I, Mb, Res, Time, Res. Includes stations like ILAR Eielson Array, ARCES ARCES Array B, F26K Sheenjek River, etc.

MOS 19 17:55:22.9-1.5, 34.09N:25.51E, h10km, mb4.7/29, Error ellipse: s-maj=6.3km s-min=3.3km az=84.0

YKA Yellowknife Ar 85.76 23 P 19 05 43.9 -0.5 comp=Z:1.2m,0.7s,baz=69,slow=5.5,SNR=2.7

BORG Borgarnes 89.65 345 LR 19 50 20.6 comp=Z:2.7m,18.1s,baz=54,slow=38

EKA Eskdalemuir Ar 90.39 332 LR 19 51 47.2 comp=Z:2.7m,19.0s,baz=44,slow=39

FRB Frobisher Bay 95.05 4 LR 19 54 30.4 comp=Z:2.3m,18.1s,baz=285,slow=39

Code Station Name Az El P I Mb Res Time Res

Table with columns: Code, Station Name, Az, El, P, I, Mb, Res, Time, Res. Includes stations like ZKR Zakros, NPS Neapolis, STIA Sitia Lasithi, etc.

20 MAY

Main table with columns: ANKY, MHLO, ARG, etc. Includes stations like Antikythira Is, Agia Marina, Arkhangelos, etc.

1236

Table with columns: ISR Istrita, ISR Istrita, HERR Herculean, etc. Includes stations like Istrita, Herculean, Arges, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like AK04 Malin Array Si, AK22 Malin Array Si, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like CEEST Esteri de Car, NACIM Naroch, LPSR Galich'ya Gora, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BVAR Borovoye Array, DRK Karamyk, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include AKASG Malin Array Be, GERES GERESS Array B, DAVOX Davos/Dischmat, etc.

IDC 19 18:26:04.8-1.1, 34.09N:25.52E, h0km, mb3.6/12, mbmp3.6/21, ML3.1/9, Error ellipse: s-maj=21.5km s-min=15.0km az=14.0

ATH 19 18:26:06.0-0.7, 34.01N:25.63E, h10km, ML3.2/7, Latitude uncertainty: 4 km; Longitude uncertainty: 2 km

THE 19 18:26:07.2, 34.1N:25.62E, h0km, 17km, MS.1/6, ML3.2/7

ISC 19 18:26:04.7-1.8, 34.02N:0.06:25.58E:0.04, h3km, n10km, n41, c102/61, mb3.6/11, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ZKR Zakros, NPS Neapolis, IACM Heraklion, etc.

IDC 19 18:40:49.3-1.2, 34.13N:25.55E, h0km, mb3.5/8, mbmp3.4/14, ML3.0/6, MS2.7/1, Error ellipse: s-maj=27.9km s-min=19.4km az=172.0

ISC 19 18:40:51.8-0.9, 34.11N:0.1:25.61E:0.08, h17km, n14, c1905/15, mb3.5/7, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BRTR Keskin Array B, EIL Elat, VAE Vaguerera, etc.

FUNV 19 18:34:06.7, 10.48N:71.24W, h11km, MW3.2, Presumed earthquake

RSNC 19 18:34:09.5, 1.0, 10.1N:3.7W, h34km, 25km, M2.7, mb4.0, ML2.5

ISC 19 18:34:04.8-1.1, 10.36N:0.04:71.35W:0.07, h6km, n13, c098/21, Lake Maracaibo

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include URIC Uribia, OCAC Ocana, SMRC Santa Marta, etc.

SJA 19 18:39:17.8-0.7, 24.13S:67.10W, h206km, 5km, ML3.5, MW3.5, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SALTA, AF01 San Pedro de A, SJA San Lorenzo, etc.

IDC 19 18:40:49.3-1.2, 34.13N:25.55E, h0km, mb3.5/8, mbmp3.4/14, ML3.0/6, MS2.7/1, Error ellipse: s-maj=27.9km s-min=19.4km az=172.0

ISC 19 18:40:51.8-0.9, 34.11N:0.1:25.61E:0.08, h17km, n14, c1905/15, mb3.5/7, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MMAI Mount Meron Ar, BRTR Keskin Array B, EIL Elat, etc.

NEIC 19 18:59:38.9-1.5, 30.74S:0.05:177.9W:0.2, h23km, 4km, mb4.5/19, Error ellipse: s-maj=19.7km s-min=7.0km az=99.0

IDC 19 18:59:41.3-2.5, 30.66S:177.88W, h44km, 22km, mb4.0/7, mbmp4.3/7, MS3.2/2, Error ellipse: s-maj=26.0km s-min=15.7km az=101.0

ISC 19 18:59:40.9-0.5, 30.76S:0.05:178.0W:0.1, h46km, n74, c2512/69, mb4.4/15, 2D, Kermaedc Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GLKZ Green Lake, GLKZ Green Lake.

RAO Raoul Island 1.50 2 P Pn 19 00 03.8 -1.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

THE 19 19:09:12.6, 34.1N:8.2E, h1km, 19km, M4.2/9, ML4.2/9

IDC 19 19:09:12.3-0.5, 34.27N:25.55E, h0km, mb4.3/33, mbmp4.3/45, ML3.9/9, MS4.1/59, Error ellipse: s-maj=12.3km s-min=10.8km az=12.0

ATH 19 19:09:12.7, 34.11N:25.76E, h6km, 2km, ML4.2/12, Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

MOS 19 19:09:12.3-1.4, 34.18N:25.50E, h12km, mb4.8/31, MS4.2/13, Error ellipse: s-maj=6.2km s-min=3.4km az=83.5

MCSM 19 19:09:13.1-0.3, 34.1N:3.2E, h11km, mb4.5, mB4.9, ML4.5, Mw(mB)4.2

19d 19h

Table with columns for station name, elevation, and various data points. Includes stations like SUMG Summit, KNGR Kungtung, TSUM Tsumeb, etc.

2020 MAY

Table with columns for station name, elevation, and various data points. Includes stations like MA2 Magadan, C27K Jagu River, C23K Itkillik River, etc.

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Table with columns for station name, elevation, and various data points. Includes stations like I30M Mount Dempster, G19K Purcell Moun, G19K Purcell Moun, etc.

Table with columns: I26K, L26K, M26K, MCARA, CRQE, E27K, E27K, G27K, D27M, D27M, H27K, H27K, I27K, L27K, M27K, F28M, E28M, E28M, BVCY, I28M, I28M, YUK3, E29M, E29M, BRTR, PINM, H29M, H29M, G29M, YUK6, I29M, I29M, BRWY, M29M, M29M, L29M, L29M, ARCES, YUK4, EPYK, K29M, G30M, Q29M, YUK6, F30M, F30M, I30M, J30M, HYT, M30M, P29M, N30M, INK, G31M, G31M, G31M, F31M, H31M, FINES, FINES, O30N, N31M, PLBC, S31K, WHY, N32M, S32K, P32M, P33M, M33M, U33K, CRAQ, R33M, WRAP, S34M, V35K, DLBC, W35K, T35M, HFS, NOA, YKA, SCHO, TORD

Table with columns: I26K, L26K, M26K, MCARA, CRQE, E27K, E27K, G27K, D27M, D27M, H27K, H27K, I27K, L27K, M27K, F28M, E28M, E28M, BVCY, I28M, I28M, YUK3, E29M, E29M, BRTR, PINM, H29M, H29M, G29M, YUK6, I29M, I29M, BRWY, M29M, M29M, L29M, L29M, ARCES, YUK4, EPYK, K29M, G30M, Q29M, YUK6, F30M, F30M, I30M, J30M, HYT, M30M, P29M, N30M, INK, G31M, G31M, G31M, F31M, H31M, FINES, FINES, O30N, N31M, PLBC, S31K, WHY, N32M, S32K, P32M, P33M, M33M, U33K, CRAQ, R33M, WRAP, S34M, V35K, DLBC, W35K, T35M, HFS, NOA, YKA, SCHO, TORD

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

NNC 19 19:50:55.9-0.8, 48:28N, 79:36E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=7.1km s-min=6.6km az=86.0

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

19d 20h

Table with columns: DJR, Jarkent, 3.91 175 eP, Pg, 19 52 10.7 -0.3, MSVF, Nonsavu, 6.17 341 P, P, 20 01 40.2 +1.3, SNA4, Sanae, 84.95 179 P, P, 20 11 37.7 -0.3

NEIC 19 59:59.1±1.9, 23.62S:0.1x179.8W:0.1, h527km, 7km, mb4.6/4.3, Error ellipse: s-maj=16.3km s-min=12.9km az=132.0

NOU 19 20:00:00.7, 23.62S:179.84W, h532km, mb4.4/1.8, South of Fiji Islands

IDC 19 20:00:01.0±2.0, 23.47S:179.99W, h543km±21km, mb3.6/8, mbmp4.4/1.0, Error ellipse: s-maj=20.7km s-min=17.3km az=135.0

ISC 19 19:59:59.3±0.4, 23.62S:0.05:179.85W:0.07, h532km, n143, s1955/147, mb4.5/27.3C, South of Fiji Islands

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

20 MAY

Main table with columns: MSVF, Nonsavu, 6.17 341 P, P, 20 01 40.2 +1.3, TAVE, Taveuni, 6.87 360 P, P, 20 01 46.9 +1.4, DGTI, Dogotuku, 7.29 357 P, P, 20 01 50.8 +1.2, FUTU, Futugatoa, 9.40 10 P, P, 20 02 00.9 +1.1

1246

Table with columns: SNA4, Sanae, 84.95 179 P, P, 20 11 37.7 -0.3, N15K, Kwethluk River, 85.03 10 P, P, 20 11 38.8 +0.6, VNA3, Neumayer-Olym, 85.15 177 P, P, 20 11 38.7 -0.1

IDC 19 20:04:51.3±6.2, 7.34S:129.11E, h130km, 57km, mb3.5/4, mbmp3.9/6, Error ellipse: s-maj=102.9km s-min=22.9km az=69.0

ISC 19 20:04:53.0±1.4, 7.5S:0.3:129.6E:0.9, h150km, n7, c257/9, mb3.6/4, Banda Sea

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

KRNET 19 20:08:40.1±0.1, 39.74N:177.25E, mb3.2, SOME 19 20:08:41.5, 39.75N:177.28E, h5km, NNC 19 20:08:42.9, 1.2, 39.76N:177.28E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=8.4km s-min=5.6km az=166.0

ISC 19 20:08:42.9±2.7, 39.5N:0.1x177.36E:0.06, h17km, n37, c192/53, 10C-SD, South Xinjiang

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KURS, KPKS, PDGK, etc.

IDC 19 20:12:02.3.0.34.16N.25.61E, h0km, mb3.8/11, mbmp3.7/19, ML3.1/6, MS3.2/7, Error ellipse: s-maj=20.6km s-min=14.7km az=11.0

ISK 19 20:12:02.3.0.34.16N.25.61E, h5km, ML3.3/21, THE 19 20:12:03.8.34.1N.42.2.6E.1.2, h2km, 29km, M3.3/6, ML3.3/6

GII 19 20:12:03.4.0.34.055N.0.001.25.729E.0.001, h0km, Mws3.8, confirmed

ATH 19 20:12:06.3.34.29N.25.53E, h21km, 3km, ML3.3/7, Latitude uncertainty: 2 km; Longitude uncertainty: 2 km

ISC 19 20:12:05.1.2.3.34.06N.0.06.25.63E.0.04, h26km, 18km, n89, r156/119, mb3.8/11, MS3.5/3, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ZKR, NPS, SI2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KSHT, DSI, MSBI, etc.

IDC 19 20:21:13.9.6.0.31.57S.179.73E, h477km, 68km, mb3.2/3, mbmp4.2/4, Error ellipse: s-maj=78.0km s-min=31.5km az=14.0

WEL 19 20:21:19.3.1.5.32.5.17.18.0E.2.5, h496km, 53km, M4.2/7, mb4.4/5, MLV4.5/7, Mw(mb)3.5/5, Error ellipse: s-maj=35.2km s-min=16.5km az=61.9

ISC 19 20:21:18.0.1.7.31.8S.0.1x179.5E.0.2, h500km, n24, r132/30, mb3.8/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like WUZ, HAZ, WIAZ, etc.

Error ellipse: s-maj=19.3km s-min=6.1km az=192.0, NEIC 19 20:24:39.3.1.3.52.3N.0.1.176.19E.0.07, h74km, 10km, mb4.0/14, ML4.0/10, ML3.8(AEIC), Error ellipse: s-maj=22.0km s-min=4.7km az=191.0

IDC 19 20:24:40.1.5.0.52.33N.176.11E, h78km, 26km, mb3.7/10, mbmp4.0/11, MS2.9/2, Error ellipse: s-maj=57.6km s-min=28.3km az=148.0

ISC 19 20:24:38.7.0.9.52.22N.0.1x176.13E.0.04, h73km, 9km, n61, r1925/67, mb4.0/11, Rat Islands

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

NEIC 19 20:40:34.6.2.1.42.76N.0.02.78.90W.0.02, h5km, 2km, GD2.9/10, Error ellipse: s-maj=3.8km s-min=3.0km, az=315.0

OTT 19 20:37.2.0.1.42.80N.78.89W, h5km, MN2.9/15, 12km south from Fort Erie, On Eastern Background Seismic Zone

ISC 19 20:40:33.7.1.0.42.72N.0.02.78.82W.0.02, h14km, 9km, n53, r1317/4, New York

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

19d 21h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include MEDO, MEDO, MEDO, MEDO, STCO, STCO, MMNY, TYNO, TYNO, J55A, J55A, TORO, ERPA, ERPA, L56A, DRWO, DRWO, WLVO, WLVO, ACTO, ACTO, PAOC, K57A, PECO, PECO, M57A, ELFO, ELFO, DELO, DELO, DELO, PAMR, SADO, SADO, SADO, BINY, J57A, BWLO, BWLO, SSSA, M52A, N53A, BASO, BASO, N58A, BMRO, BMRO, PLVO, PLVO, BUKO, BUKO, BUKO, KLBO, KLBO, KLBO, L59A, J59A, W50, O52A, LONY, P53A, ACSO, FRNY, R55A, L61B, Q52A, TRQ, K62A, O51A, S54A, BLA, DJA 19:20:53:45.0-0.2, L3.3, 12.2E, h10km, M3.7/21, mb3.8/1, MLV3.6/21, Minahasa Peninsula, Sulawesi

2020 MAY

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include IDC 19:21:03:16:2.8, 4.34, 0.75, h108km, 80km, mb3.3/2, mbmp3.7/3, ML3.4/1, Error ellipse: s-maj=77.5km s-min=54.9km az=163.0, South of Kermadec Islands

CRAAG 19:21:05:59.9, 35.86N, 2.98E, M13.3, Algrie 05km SE M'tatha MDD 19:21:06:02:6, 1.3, 35.78N, 3.07E, h30km, Mb3.8/12, Error ellipse: s-maj=11.0km s-min=7.1km az=144.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include ISC 19:21:00:00.8, 1.0, 35.89N, 0.06, 2.37E, 0.104, h15km, n26, r163/37, 10C, Northern Algeria

GII 19:21:09:37.2, 0.0, 34.23N, 25.56E, h0km, Mws4.3, confirmed IDC 19:21:09:39.9, 1.1, 34.22N, 25.59E, h0km, mb3.8/13, mbmp3.7/21, ML3.4/7, MS3.0/13, Error ellipse: s-maj=20.1km s-min=14.5km az=17.0 NEIC 19:21:09:41.9, 2.3, 34.16N, 0.09, 25.54E, 0.07, h10km, 1km, mb4.2/35, Error ellipse: s-maj=14.9km s-min=9.4km az=190.0 ATH 19:21:09:42.0, 34.19N, 25.75E, h22km, 4km, ML3.4/11, Latitude uncertainty: 3 km; Longitude uncertainty: 2 km ISK 19:21:09:42.4, 34.30N, 25.58E, h11km, ML3.4/16 MCSM 19:21:09:43.9, 2.9, 34.16N, 0.2, 25.5E, h15km, 22km, mb4.0, MLV3.5 THE 19:21:09:44.3, 34.14N, 25.6E, h0km, 3km, M3.2/12, MLV3.2

1248

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include CHAN, KANDR, KANDR, KANDR, ANKY, ANKY, ANKY, ARG, ARG, ARG, APE, APE, APE, DAT, DAT, TURN, VLI, VLI, MLSB, DALY, YER, AKAS, AKAS, CAME, AYBD, CHOS, ITM, ITM, UZLA, ELL, ELL, NAZL, AFMY, ODEM, MANT, GORD, CSS, CSS, CSS, LIT, RDO, KEK, KZIT, MNC7, MMA0B, MMA0B, MMA1, MMA1, NATI, NATI, RMNI, RMNI, BRTR, BRTR, KSHT, DSI, DSI, MSBI, MSBI, MSBI, KRMI, TIP, PRNI, PRNI, GHJ, GHJ, CEJ, CEJ, CEJ, HRFI, HRFI, EIL, EIL, EIL, EIL, BNN, RAFF, PDG, GSGT, MLR, MLR, MLR, NRCA, BURAR, KSV, STALGIAL, LUBAR, CTI, ABTA, SALO, SALO, GNI, KIV, KBZ, KBZ, LESA, VRAC, AK07, AK07, AK07, AK10, AK10, AK14, AK14, AK14, AK12, AK08, AK02, AK16, AK17, AK11, AK15, AK01, KIEV, AK19, AK19, AKAS, AKAS, AKAS, AKBB, AKBB, AKBB, AK18, AK04, WTTA, WATA, SQT, FUORN, FUORN, RNPP5, FETA

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MOTA Moosalm, GEC2 GERESS Array S, RNP9S Sopachiv, etc.

Table with columns: EIL, Elat, 9.08 116 Pn, 21 18 38.1 +1.4. Includes stations like EIL Elat, VAE Valguanera, KBZ Khabaz, etc.

TEH 19 21:26:43.0,30.80N-59.66E, h11km,42km,ML3.8, Presumed earthquake, Northern and central Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NHDN Nehbandan, IKOO Kooshah, IDAH Dahanechah, etc.

IDC 19 21:36:00.8, 1.1, 34.14N, 25.65E, h0km, mb3.6/9, mbtmp3.6/15, ML3.1/6, MS2.8/5, Error ellipse: s-maj=22.1km s-min=15.9km az=17.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ZKR Zakros, KZR Zakros, NPS Neapolis, etc.

IDC 19 21:40:32.7, 1.2, 59.9S, 0.125W, 0.1, h10km, 1km, mb1.7/3, Error ellipse: s-maj=24.2km s-min=7.1km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ZKR Zakros, KZR Zakros, NPS Neapolis, etc.

IDC 19 21:40:34.0, 4.5, 60.00S, 0.0825W, 0.1, h26km, n97, 1943/78, MB4/718, MS3/715, 1C-5D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer O4ms, etc.

Table with columns: LUBAR Lubar, Ukraine, 15.92 5 P Pn, 21 39 46.0 +0.5. Includes stations like LUBAR Lubar, ABTA Abfaltersbach, MOA Malin Array S, etc.

Table with columns: WATA Wattenberg, 17.01 325 eP P, 21 40 03.3 +1.8. Includes stations like WATA Wattenberg, FETA Feichten, GERES GERESS Array B, etc.

Table with columns: YKA Yellowknife Ar, 78.63 342 P P, 21 48 02.8 -0.6. Includes stations like YKA Yellowknife Ar, ILAR Eielson Array, DLBC Dease Lake, etc.

IDC 19 21:40:34.0, 4.5, 60.00S, 0.0825W, 0.1, h26km, n97, 1943/78, MB4/718, MS3/715, 1C-5D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer O4ms, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IDC 19 21:16:26.4, 1.1, 34.11N, 25.48E, h0km, mb3.6/5, etc.

19d 22h

Table of astronomical observations for 19d 22h, listing station names, station IDs, and observation details.

Table of astronomical observations for 19d 22h, listing station names, station IDs, and observation details.

2020 MAY

Main table of astronomical observations for 2020 MAY, listing station names, station IDs, and observation details.

1250

Table of astronomical observations for 1250, listing station names, station IDs, and observation details.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like LPIG, OZNA, WMOK, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SOMM, ARTI, ZALV, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like NSBS, PYZ, PYZ, etc.

19d 23h

Table with columns: ZALV, SONM, YKA, Station Name, Az, Phase, ID, Time, Res, ISC. Includes data for Zalesovo Beam, Sogino Array, and Yellowknife Ar.

NEIC 19 22:54:00.2; 1.0, 41.27N; 0.04; 117.04W; 0.04, h7km, 2km, ML3, 1/78, Error ellipse: s-maj=6.5km s-min=4.1km az=163.0

IDC 19 22:54:01.7; 1.6, 41.41N; 117.47W, h0km, mb2.7/1, mbtmp2.9/3, ML3.4/2, Error ellipse: s-maj=33.4km s-min=10.0km az=114.0

ISC 19 22:54:01.5; 1.0, 41.32N; 0.04; 117.02W; 0.04, h10km, n44, c19145, Nevada

Main station list table for 19d 23h. Columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Elko, Camas Ranch, KJBA, etc.

IDC 19 22:55:57.9; 2.7, 27.13N; 44.38W, h0km, mb3.3/4, mbtmp3.3/4, MS3.0/1, Error ellipse: s-maj=95.6km s-min=29.9km az=17.0, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Sonseca Array, Torodi Ar, etc.

2020 MAY

Table with columns: PDAR, YKA, Station Name, Az, Phase, ID, Time, Res, ISC. Includes data for Pinedale Array and Yellowknife Ar.

IDC 19 22:58:15.6; 1.2, 27.26N; 44.19W, h0km, mb3.5/6, mbtmp3.5/6, MS3.2/12, Error ellipse: s-maj=34.7km s-min=27.4km az=17.0

ISC 19 22:58:18.4; 1.0, 27.3N; 0.2; 44.2W, h18km, n23, c106/6, mb3.8/5, MS3.2/13, Northern Mid-Atlantic Ridge

Main station list table for 2020 MAY. Columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like San Juan, Schefferville, SADO, etc.

IDC 19 23:00:49.4; 1.2, 34.14N; 25.62E, h0km, mb3.5/7, mbtmp3.4/12, ML3.1/5, Error ellipse: s-maj=23.1km s-min=17.8km az=27.0

ATH 19 23:00:50.7; 34.03N; 25.65E, h25km, 3km, ML2.9/9, Latitude uncertainty: 4 km; Longitude uncertainty: 2 km

THE 19 23:00:53.1; 34.1N; 13.2E, h4km, 20km, ML2.8/9, MLh2.8/9

MCSM 19 23:00:55.9; 1.8, 34.1N; 15.2E; 1.3, h19km, 2km, mb4.1, MLh2.8

ISC 19 23:00:51.4; 1.0, 34.11N; 0.05; 25.69E; 0.05, h19km, 2km, n59, c089/78, mb3.5/6, Crete

Main station list table for 2020 MAY. Columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Zakros, Siteia, Neapolis, etc.

1252

Table with columns: AKKB, RNPFS, GERES, Station Name, Az, Phase, ID, Time, Res, ISC. Includes data for Malin Array Si, Staryi Chior, etc.

RNPFS Spitsbergen 17.30 0 P P 23 04 53.3 +0.3

HFS Hagfors 27.20 34 P P 23 06 35.2 +1.6

FINES FINESS Array B 27.35 0 P P 23 06 34.8 -0.2

TORD Torodi Ar. Bea 30.17 232 P P 23 07 01.6 +1.2

KURBB Kurchatov Arra 41.45 50 P P 23 08 37.8 +1.1

MKAR Makanchi Array 44.00 56 P P 23 08 59.5 +2.0

YKA Yellowknife Ar 78.54 342 P P 23 12 51.9 +0.5

IDC 19 23:11:28.3; 4.8, 34.87N; 22.99E, h0km, mb3.6/6, mbtmp3.4/10, ML2.5/3, Error ellipse: s-maj=85.1km s-min=29.3km az=24.0

ATH 19 23:11:37.5; 35.08N; 23.16E, h26km, 1km, ML3.0/11, Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

ISK 19 23:11:37.9; 35.10N; 23.18E, h29km, ML3.1/9

THE 19 23:11:39.7; 35.14N; 2.3E, h43km, 5km, ML2.8/24, MLh2.8/24

ISC 19 23:11:37.3; 1.3, 35.13N; 0.07; 23.20E; 0.07, h46km, 10km, n62, c1580/73, mb3.5/6, Crete

Main station list table for 1252. Columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Palaiochora Ch, Iera Moni Meta, etc.

GERES GERES Array B 15.40 336 Pn Pn 23 15 08.5 -3.0

AKASE Malin Array Be 16.17 14 Pn Pn 23 15 19.1 -2.0

KVAR Kislovodsk Arr 17.40 54 P P 23 15 37.0 +0.3

HFS Hagfors 25.78 349 P P 23 17 02.5 -1.0

FINES FINESS Array B 26.40 3 P P 23 17 07.7 -1.4

KURBB Kurchatov Arra 42.39 51 P P 23 19 25.4 -1.6

SPITS Spitsbergen Ar 43.26 358 P P 23 19 34.2 +0.5

MKAR Makanchi Array 45.13 56 P P 23 19 48.9 -0.2

ZALV Zalesovo Beam 46.19 46 P P 23 19 56.0 -1.2

GII 19 23:23:21.5; 0.0, 34.140N; 0.002; 25.75E; 0.001, h0km, Mws3.8, confirmed

IDC 19 23:23:22.2; 1.0, 34.19N; 25.65E, h0km, mb3.8/17, mbtmp3.8/27, ML3.6/9, MS3.5/8, Error ellipse: s-maj=19.3km s-min=13.4km az=14.0

NEIC 19 23:23:23.2; 2.4, 34.01N; 0.02; 25.57E; 0.07, h10km, 1km, mb4.1/28, Error ellipse: s-maj=9.7km s-min=3.4km az=287.0

THE 19 23:23:25.4; 34.1N; 7.2E, h1km, 11km, ML3.0/11, MLh3.0/11

ISK 19 23:23:25.7; 34.16N; 25.55E, h68km, ML3.2/13

ATH 19 23:23:27.3; 34.45N; 25.55E, h8km, 3km, ML3.1/13, Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Zakros.

NPS	Neapolis	1.13 359	P	Pg	23 23 43.9	-0.1
NPS	Neapolis	1.13 359	S	Sb	23 23 59.0	-0.6
NPS	Neapolis	1.13 359	S	Sg	23 23 43.5	-0.6
NPS	Neapolis	1.13 359	S	Sg	23 23 53.8	-0.5
STIA	Sitia Lasithi	1.14 20	P	Sg	23 23 43.3	-0.8
STIA	Sitia Lasithi	1.14 20	S	Sg	23 23 53.3	-0.3
SIT2	Siteia	1.15 20	P	Sg	23 23 43.8	-0.6
SIT2	Siteia	1.15 20	S	Sg	23 23 55.8	-3.4
IACM	Heraklion	1.26 339	P	Pb	23 23 46.2	-0.5
IDI	Anoia	1.31 333	Pn	Pb	23 23 46.2	-1.3
IDI	23nm,0.3s,baz=154,slow=16,SNR=16		Sn	Sg	23 24 04.0	-0.3
IDI	Anoia	1.31 333	Pn	Pb	23 23 47.2	-0.3
IDI	Anoia	1.31 333	Sn	Sb	23 24 04.5	-0.2
IDI	Anoia	1.31 333	S	Sg	23 23 47.4	-0.1
IDI	Anoia	1.31 333	P	Pn	23 23 46.2	-1.3
IDI	Anoia	1.31 333	S	Sg	23 23 56.6	-4.7
GVD	Gavdhos	1.46 300	Pn	Pb	23 23 49.9	-0.1
GVD	Gavdhos	1.46 300	P	Pn	23 23 49.4	-0.1
GVD	Gavdhos	1.46 300	S	Sg	23 24 09.3	+0.2
GVD	Gavdhos	1.46 300	Pn	Pb	23 23 49.3	-0.2
GVD	Gavdhos	1.46 300	S	Sb	23 24 07.7	-1.3
VAM	Vamos	1.73 318	P	Sn	23 23 53.8	+0.5
VAM	Vamos	1.73 318	S	Sb	23 24 15.7	-0.3
VAM	Vamos	1.73 318	S	Sg	23 23 54.2	-0.6
VAM	Vamos	1.73 318	S	Sg	23 23 13.0	+2.9
KARP	Karpathos	1.90 41	Pn	Pb	23 23 57.2	-0.4
KARP	Karpathos	1.90 41	P	Pb	23 23 58.0	+0.4
KARP	Karpathos	1.90 41	P	Pb	23 23 58.9	+0.2
KARP	Karpathos	1.90 41	P	Pb	23 23 57.8	+0.2
IMMV	Iera Moni Meta	1.90 315	P	Pb	23 23 57.9	+1.2
IMMV	Iera Moni Meta	1.90 315	P	Pb	23 23 57.1	-0.5
IMMV	Iera Moni Meta	1.90 315	P	Pb	23 23 56.6	-1.0
CHAN	Chanía	1.90 317	P	Pb	23 23 57.0	-0.7
KNDR	Palaiochora Ch	1.98 304	Pn	Pb	23 23 57.4	+0.7
KNDR	Palaiochora Ch	1.98 304	P	Pb	23 23 57.9	-1.2
KNDR	Palaiochora Ch	1.98 304	P	Pb	23 23 58.8	+0.8
THERA	Ancient Thera	2.24 357	P	Pn	23 24 01.2	+0.9
THERA	Ancient Thera	2.24 357	P	Pn	23 24 00.1	-0.2
SAP3	Santorini-Thir	2.31 354	P	Pn	23 24 00.9	-0.4
ANKY	Antikythira Is	2.58 313	P	Pb	23 24 07.2	-2.0
ARG	Arkhangelos	2.92 44	Pn	Pb	23 24 19.3	+2.3
ARG	Arkhangelos	2.92 44	P	Pn	23 24 11.2	+3.3
ARG	Arkhangelos	2.92 44	P	Pn	23 24 12.3	+2.7
ARG	Arkhangelos	2.92 44	P	Pn	23 24 12.1	+2.5
APE	Apeiranthos	2.94 359	Pn	Pb	23 24 11.6	+1.7
APE	Apeiranthos	2.94 359	P	Pn	23 24 11.4	+1.5
APE	Apeiranthos	2.94 359	P	Pn	23 24 10.3	+0.4
APE	Apeiranthos	2.94 359	P	Pn	23 24 08.5	-1.0
APE	Apeiranthos	2.94 359	S	Sn	23 24 45.2	-0.5
DAT	Datca	3.04 31	Pn	Pb	23 24 13.3	+1.9
DAT	Datca	3.04 31	P	Pn	23 24 13.2	+1.7
BODT	Bodrum	3.23 25	Pn	Pb	23 24 16.0	+2.1
VLI	Veliaí	3.39 320	P	Pn	23 24 17.4	+1.3
VLI	Veliaí	3.39 320	P	Pn	23 24 17.0	+0.9
TURN	Turunc	3.40 38	Pn	Pb	23 24 18.5	+2.3
MLSB	Milas	3.61 28	Pn	Pb	23 24 21.4	+2.2
DALY	Dalyan (Mula)	3.65 42	Pn	Pb	23 24 22.1	+2.5
YER	Yerkesik	3.70 35	Pn	Pb	23 24 22.7	+2.3
SMG	Samos	3.73 35	P	Pn	23 24 11.0	+0.8
AKAS	Kas	3.88 56	Pn	Pb	23 24 24.2	+1.3
ITM	Ithomi	4.28 316	Pn	Pb	23 24 29.8	+1.4
ITM	Ithomi	4.28 316	P	Pb	23 24 27.6	-0.8
ELL	Ellmali	4.37 52	Pn	Pb	23 24 31.0	+1.4
MANT	Manisa	4.48 28	Pn	Pb	23 24 38.9	+1.1
CSS	Mathiatis	6.41 80	Pn	Pb	23 24 58.9	+1.3
CSS	Mathiatis	6.41 80	P	Pn	23 24 58.7	+1.1
CSS	0.1nm,8nm,0.3s		Sn	Pn	23 24 56.1	-1.5
CSS	0.1nm,8nm,0.3s		S	Pn	23 24 56.1	-1.5
LIT	Litokhoron	6.47 338	Pn	Pb	23 25 00.6	+2.3
KEK	Kerkira	7.27 322	Pn	Pb	23 25 08.6	-0.7
HNTI	Hanita	8.03 95	P	Pn	23 25 18.5	-1.4
HNTI	Hanita	8.03 95	S	Sb	23 26 49.5	-1.7
KZIT	Kziot	8.07 111	Pn	Pb	23 25 19.2	-1.2
KZIT	Kziot	8.07 111	S	Sb	23 26 49.5	-1.7
SLTI	Salfit	8.11 101	Pn	Pb	23 25 20.1	-0.9
SLTI	Salfit	8.11 101	S	Sb	23 26 51.2	-1.0
AMAZ	Amatzia	8.23 106	P	Pn	23 25 21.5	-1.1
AMAZ	Amatzia	8.23 106	S	Sb	23 26 54.1	-1.2
MMAGB	Mount Meron ar	8.23 95	P	Pn	23 25 21.5	-1.2
MMAGB	Mount Meron ar	8.23 95	S	Sb	23 26 51.5	-1.5
MMAI	Mount Meron Ar	8.23 95	Pn	Pb	23 25 21.6	-1.1
MMAI	0.5nm,0.3s,baz=274,slow=22,SNR=2.0		Sn	Sg	23 26 52.8	-3.5
MMAI	0.7nm,0.3s		Sn	Sg	23 26 52.8	-3.5
SALP	Salfit	8.28 102	P	Pn	23 25 20.0	-1.3
SALP	Salfit	8.28 102	S	Sb	23 26 55.4	-2.0
MMLI	Mount Malkishu	8.37 99	P	Pn	23 25 23.1	-1.5
MLI	Mount Malkishu	8.37 99	S	Sb	23 26 57.6	-2.0
GEM	Giv'at Ha'Em	8.42 93	P	Pn	23 25 23.6	-1.5
GEM	Giv'at Ha'Em	8.42 93	S	Sb	23 26 58.9	-1.7
YTIR	Yatir	8.46 106	P	Pn	23 25 24.3	-1.4
YTIR	Yatir	8.46 106	S	Sb	23 26 59.7	-2.0
NATI	Neve Ativ	8.47 93	P	Pn	23 25 24.4	-1.4
NATI	Neve Ativ	8.47 93	S	Sb	23 27 00.6	-1.3
RMNI	Mount Ramon	8.49 112	P	Pn	23 25 25.1	-1.2
RMNI	Mount Ramon	8.49 112	S	Sb	23 27 00.8	-1.8
BR106	Keşkin Array S	8.50 47	Pn	Pb	23 25 29.7	+3.3
BRTR	Keşkin Array B	8.50 47	Pn	Pb	23 25 26.7	+0.2
BRTR	0.1nm,0.3s,baz=212,slow=13,SNR=6.1		Sn	Sg	23 25 26.7	+0.2
BRTR	0.5nm,0.7s		Sn	Sg	23 25 26.7	+0.2
BRTR	Keşkin Array B	8.50 47	Pn	Pb	23 25 27.1	+0.6
HMDT	Nahal Hemdat	8.51 100	P	Pn	23 25 25.1	-1.3
HMDT	Nahal Hemdat	8.51 100	S	Sb	23 27 01.1	+4.3
KSHT	Keshet	8.58 95	P	Pn	23 25 26.1	-1.3
KSHT	Keshet	8.58 95	S	Sb	23 27 03.3	-1.4
DSI	Dead Sea	8.59 105	P	Pn	23 25 26.4	-1.2
DSI	Dead Sea	8.59 105	S	Sb	23 27 02.9	-2.1
MSBI	Mazada	8.67 106	P	Pn	23 25 27.0	-1.5
MSBI	Mazada	8.67 106	S	Sb	23 27 04.2	-2.0
KRMI	Paran Flat	8.69 115	P	Pn	23 25 27.6	-1.3
KRMI	Paran Flat	8.69 115	S	Sb	23 27 05.2	-2.3
TIP	Timpagrande	8.73 308	Pn	Pb	23 25 30.0	+0.5
PRNI	Prinias	8.79 113	P	Pn	23 25 29.0	-1.3
PRNI	Prinias	8.79 113	S	Sb	23 27 07.9	-1.9
GHAJ	Ghor Haditha	8.84 106	Pn	Pb	23 25 30.6	-0.3
GHAJ	Ghor Haditha	8.84 106	S	Sb	23 25 29.7	-1.2
GHAJ	Ghor Haditha	8.84 106	S	Sb	23 27 08.9	-2.0
CEL	Celeste	8.88 300	Pn	Pb	23 25 30.9	-0.6
CEL	Celeste	8.88 300	P	Pn	23 25 32.3	+0.8
HRFI	Mount Harif	8.96 115	P	Pn	23 25 31.5	-1.2
HRFI	Mount Harif	8.96 115	S	Sb	23 27 12.2	-1.9
EIL	Elat	9.09 117	Pn	Pb	23 25 33.4	-1.0
EIL	1.1nm,0.3s,baz=48,slow=12,SNR=3.6		Sn	Sg	23 27 10.9	-6.2
EIL	1.2nm,0.5s		Sn	Sg	23 27 10.9	-6.2
EIL	Elat	9.09 117	P	Pn	23 25 33.2	-1.1
EIL	Elat	9.09 117	S	Sb	23 27 14.8	-2.3
BNN	Bunyan	9.48 57	Pn	Pb	23 25 43.4	+3.6
RAFF	Raffo Rosso	9.67 292	Pn	Pb	23 25 43.0	-0.4
PDG	Podgorica	9.68 331	Pn	Pb	23 25 42.0	-0.4
VAE	Valguarnera	9.70 293	Pn	Pb	23 25 45.3	+2.5
VAE	7.7nm,0.5s,baz=15,slow=12,SNR=2.0		Pn	Pb	23 26 06.5	+1.1
VAE	0.1nm,0.3s,baz=155,slow=12,SNR=1.7		Pn	Pb	23 26 06.5	+1.1
MLR	Muntele Rosu	11.35 1	Pn	Pb	23 26 05.6	+0.2
MLR	11.35nm,0.3s,baz=32,slow=9,SNR=1.9		Pn	Pb	23 26 05.6	+0.2
SABO	Mte Sabotino	14.98 326	Pn	Pb	23 26 53.8	-1.0
MODS	Modra-Piesok	15.54 339	ePn	Pn	23 27 03.6	+1.3
STAL	STALIGIAL	15.60 325	Pn	Pb	23 27 03.1	0.0
STAL	15.60nm,0.3s,baz=252,slow=14,SNR=16		Iamb	Iamb	23 27 15.9	
LUBAR	Lubur, Ukraine	15.86 5	P	P	23 27 08.5	-1.7
LUBAR	Lubur, Ukraine	15.86 5	pP	pP	23 27 12.9	+2.4
CTI	Castel Tesino	15.97 322	Pn	Pb	23 27 07.0	-1.1
ABTA	Abfattersbach	16.05 326	eP	Pn	23 27 12.5	+0.1
KIV	Kislodovsk	16.46 48	P	P	23 27 18.5	+1.4
KIV	comp=Z,6.8nm,0.5s		Iamb	Iamb	23 27 25.3	
KBZ	Khabaz	16.48 49	Pn	Pb	23 27 17.3	+0.1
KBZ	comp=Z,0.1nm,0.3s,baz=16,slow=16,SNR=10		Sn	Sg	23 27 17.3	+0.1
KBZ	comp=Z,1.9nm,0.8s		Sn	Sg	23 27 17.3	+0.1

VRAC	Vranov	16.58 339	Pn	Pn	23 27 16.4	+0.7
VRAC	comp=Z,0.1nm,0.3s,baz=135,slow=2.9,SNR=1.3		Pn	Pn	23 27 16.4	+0.7
AK07	Malin Array Si	16.62 8	P	P	23 27 19.2	+0.5
AK06	Malin Array Si	16.65 8	P	P	23 27 18.1	-0.3
AK13	Malin Array Si	16.66 8	P	P	23 27 18.8	-0.3
AK10	Malin Array Si	16.67 8	P	P	23 27 19.9	+0.7
AK05	Malin Array Si	16.69 8	P	P	23 27 20.4	+1.0
AK14	Malin Array Si	16.69 8	P	P	23 27 19.0	-0.4
AK12	Malin Array Si	16.73 8	pP	pWP	23 27 23.0	-0.5
AK16	Malin Array Si	16.73 8	P	P	23 27 19.4	-0.4
AK17	Malin Array Si	16.74 8	P	P	23 27 19.3	-0.6
AK15	Malin Array Si	16.74 8	P	P	23 27 19.5	-0.5
AK11	Malin Array Si	16.75 8	P	P	23 27 19.7	-0.4
AK01	Malin Array Si	16.76 8	P	P	23 27 19.6	-0.5
KIEV	Kiev	16.76 8	P	P	23 27 20.0	-0.3
AKASG	Malin Array Be	16.77 8	Pn	Pn	23 27 18.2	+0.2
AKASG	comp=Z,1.2nm,0.3s,baz=201,slow=11,SNR=8.0		LR	LR	23 34 48.8	
AK02	Malin Array Si	16.77 8	Pn	Pn	23 27 18.7	+0.7
AK03	Malin Array Si	16.77 8	Pn	Pn	23 27 18.9	+0.9
AK04	Malin Array Si	16.79 8	Pn	Pn	23 27 21.0	-0.4
WTTA	Wattersberg	16.84 325	eP	P	23 27 22.0	+0.6
WATA	Walderalm	16.92 325	ePn	Pn	23 27 25.0	+0.4
WATA	comp=Z,2.0nm,0.5s		Pn	Pn	23 27 21.7	-0.4
FUORN	Otenpass-Fuorn	17.07 322	Pn	Pn	23 27 23.7	-0.5
FUORN	Feichten	17.11 323	ePn	Pn	23 27 23.7	-0.5
GERES	GERESS Array B	17.17 332	P	Pn	23 27 22.4	-0.8
GERES	baz=137,slow=12,SNR=4.5		P	Pn	23 27 22.4	-0.8
GERES	comp=Z,2.5nm,0.5s		P	Pn	23 27 22.4	-0.8
RNPP9	Sopachiv	17.28 1	P	P	23 27 25.4	-0.5
DAVOX	Davos/Dischmat	17.38 321	P	P	23 27 27.2	-0.1
DAVOX	comp=Z,0.2nm,0.3s,baz=148,slow=14,SNR=4.0		P	P	23 27 27.2	-0.1
KXH	Kochsee	17.45 333	P	P	23 27 29.2	+1.2
SENIC	Lac Senin/Sane	18.52 317	P	Pn	23 27 40.5	+0.5
CLL	Collin	19.46 336	eP			

20d Oh

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like H1N2 WAKE ISLAND, H1N3 WAKE ISLAND, EVN Everest, etc.

2020 MAY

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like FROS Frosini, ESCA Escarene, SOSP Sospel, etc.

1254

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like ETSF Etsart, MFF Saint Martin, IDC 2000:58:55.2, etc.

20d 2h

Table with columns: Station, Frequency, Power, Direction, and Time. Includes stations like RCHB, BSTI, CART, BCLA, OBN, etc.

2020 MAY

Table with columns: Station, Frequency, Power, Direction, and Time. Includes stations like EVO, PBVD, PARRA, PSARD, etc.

1258

Table with columns: Station, Frequency, Power, Direction, and Time. Includes stations like DZA, BORK, BVAR, BRZS, etc.

1259

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZAK, IRK, PALK, KOOLE, LPHE, GTA2, TULEG, LKGW, LBTB, SONM, ULN, FRB, TIXI, LZDM, CD2, SCHQ, BTO2, PZH, RES, HHC, CMAR, YAK, SUR, XAN, HILR, HIA, XLT, D62A, ZEA, HNS, RCBR, HEH, WHN, CN2, BNX, BILL, KLR, SEY, C36M, FCC, B22K, B20K.

2020 MAY

Table with columns for station name, frequency, power, and other technical details. Includes stations like MA2, C27K, SADO, C23K, D25K, INK, INK, INK, D23K, USRK, D20K, SSPA, E22K, KRSR, KRSR, BMAR, YKAWI, YKA, YKA, YKA, E19K, H29M, F19K, H27K, G21K, I29M, IMAR, H22K, H22K, H23K, H23K, H21K, J30M, J30M, FFC, FFC, MLY, MLY, COLA, ILAR, ILAR, ILAR, YSS, YSS, YSS, YSS, DAWY, DAWY, ULM, ULM, ULM, ULM, K27K, SJG, J20K, J20K, BPAW, BPAW, K24K, K24K, J19K, J19K, DOT, DOT, MCK, MCK, MCK, MCK, BCAR, BCAR, PETK, PETK, WCI, WCI, WCI, TKL, TKL.

2024 2h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MJAR, MJAR, MJAR, DLBC, BDFB, BDFB, BDFB, ECSD, WVT, WVT, FVM, FVM, LEM, CCM, CCM, LRAL, KDAD, LAO, SHEM, RSSD, RSSD, SDV, SDV, SBB, SBB, NEW, PDAR, PDAR, PDAR, PDAR, SIV, ANHO, YBMO, CPUP, TXAR, WRA, GSPA, GSPA, PPT2, PPT2, TBI, TBI, IDC 20:19, IDC 20:19, NEIC 20:19, NEIC 20:19, ISC 20:19, ISC 20:19, MANU, RABL, PMG, PMG, COEN, WBO, WBO, WRA, WRA, WRA, WRA, ASAR, ASAR, ASAR, ASAR, FITZ, FITZ, NWAO, K15K, MKAR, MKAR, M16K, L19K, L19K, ILAR, GSPA, GSPA, YKA, YKA, TORD, TORD, IDC 20:28, IDC 20:28, PMG, PMG, CTA, WRA, WRA, ASAR, ASAR, MKAR, MKAR.

20d 3h

0.5mm,0.5s,baz=112,slow=6.5,SNR=4.9
0.5mm,0.5s
TORO Torodi Ar. Bea 151.70 286 PKPbc PKPbc 02 48 13.6 -1.3
0.7mm,0.8s,baz=102,slow=2.5,SNR=2.7

IDC 20 02:30:10.9-1.9,1.65N:127.09E,h0km,mb3.7/4,
mbtmp3.7/5,ML3.5/1,MS4.5/1,Error ellipse:
s-maj=109.8km s-min=26.5km az=68.0
DJA 20 02:30:25.2-0.4,2.1N:4.12E,h123km,4km,M3.5/12,
mb4.0/4,MLV3.3/12
ISC 20 02:30:25.0-1.0,1.66N:0.09:127.5E:0.1,h128km,n14,
c095/14,mb3.6/4,Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like GAMI, TWTI, FITZ, WRA, ASAR, STKA, MKAR, QSPA.

ISK 20 02:30:26.3,34.32N:26.08E,h8km,ML3.1/10
ATH 20 02:30:26.7,34.37N:26.25E,h32km,5km,ML3.2/6
Latitude uncertainty: 6 km; Longitude uncertainty: 4 km
IDC 20 02:30:29.5-1.2,34.74N:26.01E,h0km,mb3.7/7,
mbtmp3.6/11,ML3.1/4,Error ellipse: s-maj=24.9km
s-min=15.6km az=3.0
THE 20 02:30:30.8,35.14N:4.2E:6.5,h0km,2.7km,M3.1/6,
MLh3.1/6
ISC 20 02:30:30.4-1.6,34.64N:0.06:25.95E:0.03,h7km,11km,
n40,c1929/50,mb3.6/6,Crete

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like ZKR, STIA, NPS, IACM, IDI, KARP, GVD, VAM, THERA, IMMV, KANDR, ARG, DAT, BODT, EIL, KBZ, AKASG, GERES, ESCD, FINES, TORD, KURBS, MKAR, ZALV, YKA.

IDC 20 02:33:01.9-1.3,34.09N:25.72E,h0km,mb3.5/6,
mbtmp3.5/8,ML3.8/2,Error ellipse: s-maj=26.1km
s-min=21.3km az=43.0
ATH 20 02:33:02.0-1.1,33.89N:25.79E,h33km,ML3.1/5,
Latitude uncertainty: 7 km; Longitude uncertainty: 7 km
THE 20 02:33:03.5,34.71N:7.2E,h0km,MLh3.0/3
ISK 20 02:33:03.0,34.13N:25.62E,h9km,ML2.8/10
ISC 20 02:33:02.2-1.9,34.08N:0.07:25.65E:0.04,h1km,11km,
n33,c069/41,mb3.3/5,Crete

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like ZKR, KZR, STIA, NPS, SIT2, IDI.

20 MAY

6.6mm,0.3s,baz=261,slow=11,SNR=6.4
Sn Sn 02 33 48.0 +1.0
IDI Anoyia 1.36 333 Pn Pn 02 33 27.6 -0.8
IDI Anoyia 1.36 333 Pn Pn 02 33 28.7 +0.2
IDI Anoyia 1.36 333 Pn Pn 02 33 27.5 -0.8
GVD Gavdhos 1.49 301 Pn Pn 02 33 30.3 +0.2
GVD Gavdhos 1.49 301 Pn Pn 02 33 30.0 -0.2
GVD Gavdhos 1.49 301 Pn Pn 02 33 30.0 -0.2
VAM Varnos 1.78 318 Pn Pn 02 33 33.9 -0.2
KARP Karpathos 1.92 40 Pn Pn 02 33 36.9 +0.6
KARP Karpathos 1.92 40 Pn Pn 02 33 38.1 -0.1
IMMV lera Moni Meta 1.94 316 Pn Pn 02 33 36.3 0.0
IMMV lera Moni Meta 1.94 316 Pn Pn 02 33 38.1 -0.4
KANDR Palaiochora Ch 2.03 305 Pn Pn 02 33 37.7 +0.3
KANDR Palaiochora Ch 2.03 305 Pn Pn 02 34 02.7 -0.7
THERA Ancient Thera, 2.29 357 Pn Pn 02 33 41.8 +0.7
ARG Arkhangelos 2.95 43 Pn Pn 02 33 51.4 +1.3
APE Apeiranthos 2.98 358 Pn Pn 02 33 51.3 +0.6
DAT Datca 3.08 30 Pn Pn 02 33 52.8 +0.7
BODT Bodrum 3.27 24 Pn Pn 02 33 55.1 +0.5
EIL Elat 9.05 117 Pn Pn 02 35 13.1 -0.9

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like AKASG, ESCD, FINES, EKA, TORD, MKAR, YKA.

IDC 20 02:52:52.8,1.6,34.06N:25.75E,h0km,mb3.5/3,
mbtmp3.4/5,ML3.5/2,Error ellipse: s-maj=26.8km
s-min=25.2km az=150.0
ISC 20 02:52:55.1-1.3,34.11N:25.7E:0.1,h17km,n6,c055/7,
Crete

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like IDI, KBZ, AKASG, TORD, KURBS, MKAR.

GRAL 20 02:54:31.5-0.3,35.89N:36.45E,h9km,10km,MD3.7
AFAD 20 02:54:32.4,35.83N:36.22E,h7km,2km,ML2.2
ISC 20 02:54:31.5-1.1,35.79N:0.03:36.23E:0.07,h12km,11km,
n12,c076/20,Jordan-Syria region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like YAYL, RHAN, BEIL, KAMA, HWQ, GZT, KUZU, BHL, DORL, DORL.

NEIC 20 03:08:22.8-1.8,7.48S:0.07:80.4W:0.1,h35km,2km,
mb4.0/11,Error ellipse: s-maj=22.1km s-min=12.0km
az=274.0,Off coast of northern Peru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like SLOR, CZSB, OTAV, LPAZ, PB16, PB11, GO01, MACA, VILB, BOAV, PTLB, AC05, AC05, TRQA, TRQA, DBIC, SNAAL.

1260

TAP 20 03:09:28.8,24.52N:122.67E,h88km,ML3.0,C
JMA 20 03:09:29.6-0.2,25.1N:3.122E:0.8,h82km,MV1.6/8,
NW OFF ISHIGAKI/JIMA IS
ISC 20 03:09:29.0-1.6,24.48N:0.06:122.68E:0.04,h89km,9km,
n46,c083/80,Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like JYNG, YONG, YOJ, YOJ, E0S3, E0S2, E0S4, TWC, EWUT, NDS, TIPB, IRIF, ENTT, FUSB, NACB, NACB, LATG, NDT, NWLT, NWLT, ETHL, ETHL, NNSB, NNSB, NNS, ETM, YHNB, YHNB, NSK, NSK, SHUL, SHUL, JKRS, LXIB, LXIB, FUSH, FUSH, WHF, WHF, JIJ, TDCB, TDCB, WARB, WARB, NFF, OWD, OWD, JISG, WULB, EHYH, EHYH, EHY, EHY, WVDT, WVDT, WVDT, WHP, WHP, YULB, YULB, WCS, WCS, SSSL, SSSL, SSSL, SMLT, SMLT, FULB, FULB, CHNS, STYH, STYH.

REN 20 03:13:22.7-1.4,38.16N:0.01:118.01W:0.01,h4km,2km,
Error ellipse: s-maj=2.1km s-min=1.2km az=223.0
NEIC 20 03:13:22.2-1.3,38.16N:0.010:118.01W:0.007,
h5km,2km,ML3.3/44,ML2.9/7(REN),Error ellipse:
s-maj=1.4km s-min=0.8km az=189.0,California-Nevada
border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like NV11, NV11, NV06, NV07, NV08, NV09, NV04, NV01, NV39, NV02, NV05, NV09, LHV, LHV, TPH, TPH, DSP, DSP, KVN, KVN, KVN, LCH, MDPB, MDPB, MDPB, MDPB, GMM, GMM, GMM, TIN, TIN, TIN, TIN, WAKR, WAKR, WAKR, GRAC, GRAC, GRAC, PNTR, CWC, CWC, CWC, WCT, TPNV, TPNV, S11A, CMB, CMB.

Table with columns: Code, Station Name, Az, Phase, ID, ISC, Time, Res, Res. Includes stations like Mina Array Sit, Little Creek M, and various seismic events.

Table with columns: Code, Station Name, Az, Phase, ID, ISC, Time, Res, Res. Includes stations like Mountain Pass, Elko, and various seismic events.

Table with columns: Code, Station Name, Az, Phase, ID, ISC, Time, Res, Res. Includes stations like Alto Bandera, Cabreria, and various seismic events.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Las Mercedes, Culebra, Puert, Mount Denham, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Granada, Ciudad Sandino, Banco Central, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Las Pavas, Desamparados, Coronado, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Wuta, Suao, Dongshan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like San Cristobal, Rivas, Aesn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Volcan, El Zapote, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like QUES, LCHL, CNCH, etc.

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

UCR 20 03:30:36.51.8, 11.53N:86.96W, h28km, 24km, MW5.4, Presumed earthquake

GFZ 20 03:30:37.9, 11.49N:86.90W, h33km, MW4.9, Moment Tensor Solution

NEIC 20 03:30:38.5, 11.44N:86.81W, h28km, SNET 20 03:30:38.3, 11.54N:86.73W, h20km, MLS.0

CATAC 20 03:30:38.9, 11.1N:87.7W, h24km, 2km, M5.2/66, mb5.3/5, mB5.0/3, MLV5.2/66, Mw(mB)4.4/3, 1kmMwp4.8/1

JTS 20 03:30:39.4, 11.81N:86.33W, h45km, 13km, mb4.3/2/3, mtmtp4.6/25, ML4.7/2, MS4.1/50, Error ellipse

UPA 20 03:30:40.4, 11.15N:86.85W, h15km, MW4.7, Presumed earthquake

GMCT 20 03:30:44.5, 11.45N:86.84W, h30.03, h32km, MW5.0/59, Moment Tensor Solution

JTS 20 03:30:45.2, 11.64N:86.81W, h24km, Moment Tensor Solution

MGV 20 03:30:46.6, 11.25N:86.81W, h24km, Moment Tensor Solution

NEIC 20 03:30:45.2, 11.64N:86.81W, h24km, Moment Tensor Solution

JTS 20 03:30:46.6, 11.25N:86.81W, h24km, Moment Tensor Solution

MGV 20 03:30:46.6, 11.25N:86.81W, h24km, Moment Tensor Solution

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like RUSC La Rusia, CASO Dorado de Casc, SLOR San Lorenzo, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like BOAV Boa Vista, BLO Blooming, Q52A Sidiac, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like RSSD Black Hills, RSSD Black Hills, RSSL Vilhena, etc.

20d 3h

Table with columns for station ID, name, coordinates, and status. Includes stations like CPUP, Villa Florida, Bocaatoma Ro, Fort Churchill, etc.

2020 MAY

Table with columns for station ID, name, coordinates, and status. Includes stations like J30M Hart River, H31M Pease River, K29M Barlow Dome, etc.

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Table with columns for station ID, name, coordinates, and status. Includes stations like PMR Palmer, HDA Harding Lake, HDA Hardin Lake, etc.

L19K	White Mountain	69.73 332	P	P	03 41 43.1 -0.7
H21K	Melozitna River	69.80 336	P	P	03 41 43.3 -0.8
P17K	Kvichak River	69.82 329	P	P	03 41 43.7 -0.6
Q16K	King Salmon	69.82 328	P	P	03 41 43.8 -0.5
N18K	Kilae Creek	69.86 331	P	P	03 41 43.9 -0.7
J20K	Nowinta River	69.93 334	P	P	03 41 44.2 -0.7
M18K	Stony River	70.01 332	P	P	03 41 44.5 -0.9
D23K	Nanushuk River	70.10 340	P	P	03 41 45.9 0.0
F22K	John River	70.14 338	P	P	03 41 46.2 +0.1
E22K	Anaktuvuk Pass	70.21 339	P	P	03 41 46.4 -0.2
O17K	Kolliganek Bris	70.26 330	P	P	03 41 46.7 -0.3
G21K	Allakaket	70.33 337	Iamb	Iamb	03 41 48.3
G21K	Allakaket	70.33 337	P	P	03 41 47.1 -0.2
CHGN	Chignik	70.34 326	P	P	03 41 47.2 -0.3
C23K	Iklikil River	70.39 341	Iamb	Iamb	03 41 49.4
C23K	Iklikil River	70.39 341	P	P	03 41 47.5 -0.1
N17K	Nushagak Hills	70.45 330	P	P	03 41 47.7 -0.4
J19K	Pooman	70.51 334	P	P	03 41 47.7 -0.8
F21K	Alatna River	70.53 338	Iamb	Iamb	03 41 49.9
F21K	Alatna River	70.53 338	P	P	03 41 48.5 0.0
L18K	Granite Mounta	70.57 332	P	P	03 41 48.1 -0.8
P16K	Nushagak River	70.57 329	P	P	03 41 48.4 -0.5
H20K	Anotleneega Mo	70.58 336	P	P	03 41 48.1 -0.8
O16K	Kokwok River B	70.72 329	P	P	03 41 49.1 -0.8
M17K	Holtina River	70.75 331	P	P	03 41 49.2 -0.7
CHNA	Chernabura Isl	70.80 324	P	P	03 41 49.9 -0.4
S14K	Fog Glacier	70.97 326	P	P	03 41 50.7 -0.8
E21K	Kilikil River	71.07 339	P	P	03 41 51.2 -0.6
N16K	Nishlik Lake	71.21 330	P	P	03 41 52.3 -0.5
H19K	Roundabout Mou	71.22 336	Iamb	Iamb	03 41 53.3
H19K	Roundabout Mou	71.22 336	P	P	03 41 52.3 -0.5
L17K	Donlin	71.29 332	P	P	03 41 52.6 -0.6
F20K	Avaraart Lake	71.32 337	P	P	03 41 53.2 -0.1
SDPT	Sand Point	71.37 325	P	P	03 41 53.3 -0.4
M16K	Timber Creek	71.40 331	P	P	03 41 53.6 -0.3
K17K	Ititarod	71.41 333	P	P	03 41 53.2 -0.7
B22K	Teshhepuk Lake	71.46 341	Iamb	Iamb	03 41 55.1
B22K	Teshhepuk Lake	71.46 341	P	P	03 41 53.5 -0.6
O15K	Ungalikthiuk R	71.53 329	P	P	03 41 53.8 -1.0
C21K	Knifeblade Rid	71.56 340	P	P	03 41 54.3 -0.5
G19K	Purcell Mounta	71.62 336	Iamb	Iamb	03 41 55.9
G19K	Purcell Mounta	71.62 336	P	P	03 41 54.7 -0.4
B21K	Ikpkuk River	71.64 340	P	P	03 41 54.6 -0.5
L16K	Owhat River	71.77 331	P	P	03 41 56.4 +0.3
L16K	Owhat River	71.77 331	P	P	03 41 56.0 -0.1
E20K	Nigau River	71.81 338	P	P	03 41 56.1 -0.2
N15K	Kwethluk River	71.81 330	P	P	03 41 56.1 -0.2
J17K	VABM Dome	71.88 333	P	P	03 41 56.5 -0.3
H18K	Honhosa River	71.92 335	Iamb	Iamb	03 41 58.1
H18K	Honhosa River	71.92 335	P	P	03 41 57.0 0.0
E19K	Redstone River	71.99 338	P	P	03 41 56.6 -0.7
F19K	Shalerucik Mo	72.05 337	P	P	03 41 57.3 -0.4
D20K	Etiwuk River	72.08 339	Iamb	Iamb	03 41 58.7
D20K	Etiwuk River	72.08 339	P	P	03 41 57.6 -0.3
A22K	Sinclair Lake	72.16 341	P	P	03 41 58.0 -0.2
M15K	Kasigluk River	72.18 330	P	P	03 41 58.3 -0.3
G18K	Tagagawik	72.19 336	P	P	03 41 58.4 -0.2
O14K	Tigyuakuiwet M	72.27 329	P	P	03 41 59.0 -0.1
H17K	Granite Mounta	72.53 335	P	P	03 42 00.5 -0.1
J16K	Anvik River	72.54 333	Iamb	Iamb	03 42 02.3
J16K	Anvik River	72.54 333	P	P	03 42 01.3 +0.6
D19K	Kuna River	72.56 339	Iamb	Iamb	03 42 01.9
D19K	Kuna River	72.56 339	P	P	03 42 00.7 -0.1
N14K	Kuskokwak Cree	72.57 329	P	P	03 42 00.7 -0.2
B20K	Meade River	72.59 340	P	P	03 42 00.9 +0.1
I17K	Unalakleet	72.68 334	Iamb	Iamb	03 42 03.0
I17K	Unalakleet	72.68 334	P	P	03 42 02.0 +0.6
L15K	Ungalak Mounta	72.71 331	P	P	03 42 01.8 +0.1
F18K	Selawik	72.73 336	P	P	03 42 01.6 -0.1
M14K	Bethel	72.81 330	P	P	03 42 03.5 +1.2
M14K	Bethel	72.81 330	P	P	03 42 02.8 +0.5
K15K	Wolf Creek Mou	72.81 332	P	P	03 42 03.0 +0.6
G17K	Kiwalik Mounta	72.93 335	P	P	03 42 03.2 +0.2
FALS	False Pass	73.00 324	P	P	03 42 03.2 -0.3
C19K	Lookout Ridge	73.21 339	Iamb	Iamb	03 42 06.0
C19K	Lookout Ridge	73.21 339	P	P	03 42 04.7 0.0
L14K	Kuka Creek	73.23 331	P	P	03 42 04.8 0.0
E18K	Tukpahlearik C	73.25 337	P	P	03 42 04.2 -0.7
F17K	Baldwin Pennin	73.33 336	P	P	03 42 05.0 -0.3
M13K	Dall Lake	73.45 330	P	P	03 42 05.8 -0.3
H16K	Elim	73.46 334	P	P	03 42 06.3 +0.2
G16K	Koyuk River	73.62 335	P	P	03 42 06.9 -0.1
E17K	Hotham Inlet	73.67 337	P	P	03 42 06.7 -0.5
C18K	Utukok River	73.70 338	P	P	03 42 07.1 -0.4
DAG	Danmarks Havn	73.90 13	P	P	03 42 05.7 -2.7

DAG	comp=Z,3.1nm,0.8s	Iamb	Iamb	03 42 08.7	
A19K	Wainwright	73.94 340	P	P	03 42 08.5 -0.2
K13K	Kuskok Mount	74.23 331	P	P	03 42 09.9 -0.8
D17K	Noatak River	74.24 337	P	P	03 42 10.2 -0.3
G15K	Niukluk	74.27 334	P	P	03 42 11.0 +0.2
C17K	DeLong Mounta	74.39 338	P	P	03 42 11.9 +0.4
F15K	North Star Dit	74.61 335	Iamb	Iamb	03 42 14.3
F15K	North Star Dit	74.61 335	P	P	03 42 13.3 +0.5
UNV	Unalakalle Valle	74.76 323	P	P	03 42 13.7 -0.2
ANM	Nome	74.80 334	P	P	03 42 13.6 -0.2
M11K	Mekoryuk	74.86 330	P	P	03 42 14.2 -0.1
C16K	Lisburne Hills	75.16 338	P	P	03 42 15.7 -0.2
F14K	Arctic Creek	75.28 335	P	P	03 42 16.8 +0.2
JMIC	Jan Mayen	75.34 19	LR	LR	04 16 43.7
SPIA	Saint Paul Isl	76.90 326	P	P	03 42 26.0 0.0
EKA	Eskdalemuir Ar	76.97 36	P	P	03 42 23.1 -3.4
EKA	comp=Z,1.0nm,0.5s,baz=258,slow=5.9,SNR=8.6	LR	LR	04 12 09.3	
ESDC	comp=Z,1.27nm,19.8s,baz=238,slow=33	LR	LR		
ESDC	Sonsecra Array	77.21 52	P	P	03 42 25.9 -2.4
ESDC	Sonsecra Array	77.21 52	P	P	03 42 27.2 -1.0
MDT	Mildert	77.28 59	LR	LR	04 12 20.8
PMSA	Palmer Station	77.98 170	LR	LR	04 10 09.0
HOPE	Hope Point	78.06 153	P	P	03 42 33.6 +1.2
ESFZ	Base Esperanza	78.11 167	P	P	03 42 33.5 +1.0
ESFZ	comp=Z,4.5nm,1.6s	Iamb	Iamb	03 43 04.8	
GSTR	Great Sitkin T	80.61 321	P	P	03 42 48.4 +1.9
DBIC	Dimbokro	80.76 85	P	P	03 42 46.8 -1.3
DBIC	comp=Z,0.8nm,0.4s,baz=273,slow=1.1,SNR=3.2	LR	LR	04 16 05.7	
KIWB	Kanaga Island	81.31 321	P	P	03 42 51.0 +0.8
SPITS	Spitsbergen Ar	81.47 12	P	P	03 42 49.7 -0.9
SPITS	comp=Z,1.3nm,0.5s,baz=197,slow=1.7,SNR=9.5	LR	LR	04 20 53.1	
AMKA	Amchitka	83.57 321	P	P	03 43 03.8 +1.8
NB2	NORSAR Subarra	83.83 29	P	P	03 43 02.8 -0.5
NOA	NORSAR Array B	83.83 29	P	P	03 43 00.9 -2.4
NOA	comp=Z,1.1nm,0.8s,baz=238,slow=1.1,SNR=8.6	LR	LR	04 17 35.5	
NC602	NORSAR Array S	84.06 29	P	P	03 43 05.9 +1.6
NC602	comp=Z,3.6nm,1.9s	Iamb	Iamb	03 46 19.6	
SENIN	Lac Senin/Sane	84.52 44	P	P	03 43 06.8 -0.5
SENIN	comp=Z,2.77nm,2.0s	Iamb	Iamb	03 43 50.0	
HFS	Hagfors	85.24 30	P	P	03 43 07.2 -3.1
HFS	comp=Z,1.6nm,0.9s,baz=238,slow=8.5,SNR=5.3	LR	LR	04 18 06.0	
BILL	Bilibino	85.64 339	P	P	03 43 12.2 0.0
BILL	comp=Z,1.3nm,0.7s	Iamb	Iamb	03 43 13.0	
TORD	Torodi Ar	85.92 77	P	P	03 43 11.9 -2.7
TORD	Torodi Ar	85.92 77	P	P	03 43 12.8 -1.8
DAVOX	Davos/Dischmat	86.18 43	LR	LR	04 19 09.7
SHEM	Shemya Is	86.42 323	LR	LR	04 23 24.3
ARCES	ARCCESS Array B	86.83 19	LR	LR	04 22 43.5
AFI	Afghanistan	88.01 255	LR	LR	04 13 08.3
VRAC	Vranov	89.88 40	LR	LR	04 19 47.4
TIXI	Tiksi	93.69 349	LR	LR	04 29 02.8
BELA	Belgrano 2	93.82 170	P	P	03 43 50.9 +0.4
BELA	comp=Z,1.14nm,21.1s,baz=248,slow=3.8	Iamb	Iamb	03 45 57.4	
PEADP	Petropavlovsk	95.55 327	P	P	03 44 00.4 +1.5
PETK	Petropavlovsk	95.55 327	P	P	03 43 59.2 +0.3
PETK	Petropavlovsk	95.55 327	P	P	03 43 59.9 +1.0
MA2	Magadan	95.58 334	LR	LR	04 31 59.7
AKASG	Malin Array Be	96.87 35	LR	LR	04 25 20.3
MLR	Muntele Rosu	97.17 41	LR	LR	04 26 27.4
ITM	Ithomi	97.53 50	P	Pdfr	03 44 09.1 +0.8
OBN	Obninsk	98.44 29	LR	LR	04 27 40.4
SNAAS	Sanae	98.93 161	LR	LR	04 26 10.1
SNAAS	comp=Z,2.22nm,19.3s,baz=194,slow=3.4	P	Pdfr	03 44 15.1 +1.4	
SNAAS	Sanae	98.93 161	P	P	03 45 54.4
NRIK	Notif	99.25 2	LR	LR	04 30 22.6
ZALV	Zalesovo Beam	114.40 5	PKP	PKP	03 49 13.1 -0.3
ZALV	Zalesovo Beam	114.47 247	PKP	PKP	03 49 12.9 -0.5
HILR	Hailar Array B	114.88 341	PKP	PKP	03 49 14.8 +0.3
KURK	Kurchatov	116.72 10	PKP	PKP	03 49 18.6 +0.6
KURBS	Kurchatov Arra	116.80 10	PKP	PKP	03 49 18.1 +0.1
SONM	Songino Array	119.77 350	PKP	PKP	03 49 24.6 +0.4
SONM	Songino Array	119.77 350	PKP	PKP	03 49 24.4 +0.2
XLT	XiLinHaoTe	121.07 34	ePKP	sPKP	03 49 26.3 -0.4
XLT	comp=Z,1.31nm,20.9s,baz=8.0,slow=3.6	sPKP	sPKP	03 49 42.5 -6.9	
MKAR	Makanchi Array	121.13 9	PKP	PKP	03 49 25.9 -0.8
MKAR	Makanchi Array	121.13 9	PKP	PKP	03 49 26.7 0.0
KSR5	Korea Array	121.43 328	PKP	PKP	03 49 28.5 +1.0
BJ12	Beijing	124.49 339	P	P	03 49 33.6 +0.1
BJ12	comp=Z,4.0nm,0.8s	pmx	pmx		
WMQ	Urumqi	124.69 5	ePKP	LR	03 49 35.8 +1.9
WMQ	comp=N,530nm,16.5s	LR	LR		
WMQ	comp=E,480nm,22.1s	LR	LR		
HHC	Hu-ho-hao-te	125.22 343	ePKP	PKP	03 49 36.4 +1.3
BT02	Baotou	125.78 344	eP	pmx	03 49 34.1 -1.8
BT02	comp=Z,2.4nm,0.8s	pmx	pmx		
BT02	comp=Z,4.00nm,6.6s	pmx	pmx		
GTA2	Gaotai	128.90 354	ePKP	PKP	03 49 42.4 -0.1
NJ2	Nanjing	130.24 331	ePKP	PKP	03 49 45.4 +0.2
NJ2	comp=Z,2.77nm,0.5s	pmx	pmx		
SKTA	Stevens Creek	131.20 238	PKP	PKP	03 49 47.6 +0.5
XAN	Xian	132.31 342	PKP	PKP	03 49 48.5 +0.1
ASAR	Alice Springs	139.57 42	PKP	PKP	03 50 01.2 -0.9
ASAR	Alice Springs	139.57 42	PKP	PKP	03 50 01.1 -1.0
WRA	Warramunga Arr	139.68 253	PKP	PKP	03 50 02.6 +0.3
PZH	PanZhihua	141.32 348	P	PKP	03 50 06.1 +0.8

FITZ	Fitzroy Crossi	148.06 254	PKPbc	PKPbc	03 50 20.6 +0.4
NWAO	Narrogin (SRO)	149.38 222	PKP	PKP	03 50 20.0 +1.3
CMAR	Chiang Mai Arr	149.69 349	PKPbc	PKPbc	03 50 25.2 -0.1
CMAR	Chiang Mai Arr	149.69 349	PKP	PKP	03 50 21.1 +1.4
MORWA	Morawa	152.50 227	PKP	PKP	03 50 23.9 +0.3
MORW	Morwa	152.50 227	PKPbc	PKPbc	03 50 31.2 +0.3
IDC 20 03:31:11.9:1.5,34:05N:25:62E,h0km,mb3.5/4, mbmp3.5/7,ML3.2/3, Error ellipse: s-maj=50.0km s-min=21.2km az=151					
ISC 20 03:31:14.7:1.3,34:1N:0:2:25:6E:0:2,h17km,n7,of=54/7, mb3.6/3, Crete					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
BRTR	Keskin Array B	8.58 47	Op Pn	h m s ISC	03

20d 4h

Table with columns for station name, coordinates, and various parameters. Includes stations like SVKR Severomysk, UKT Uakit, YOAB Luyan, Buryati, NLYR Nelyaty, KMO Kumora, YLYR Ulyunkhan, and CIT Chita.

2020 MAY

Table with columns for station name, coordinates, and various parameters. Includes stations like YKLR Yuktaili, ZRHB Zarechye, TRG Tyrgan, UUDU Ulan-Yde, FFNB Stefanov, HRMR Khuramsha, VBR Sulhov Ruchey, IRK Irkutsk, HILR Hailar, ARS Arshan, ZAK Zakamensk, MOY Monday, NRIK Kurchatov, MKAR Makanchi Array, YKA Yellowknife Arr, and CIT Charters Tower.

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Table with columns for station name, coordinates, and various parameters. Includes stations like Isla de la Pla, Puerto Lpez, JIPI JIPIJAPA, SALI Salinas, PECV Mancha de Ca P, AMIL Milagro (Trasti), MILO Milagro-Asudi, GGPT Toaza - Volcan, TERV Terraza Guagua, GERV Guagua Pichinc, TERV Terav, ILLU Illinizas Sur, OTAV Otavalo, LITE1, SRAM San Rann-Vol, SUCR Mariscal Sucre, BNAS Cotopaxi Volca, SLOP San Lorenzo - N, NATA Nasa, PORT Chimborazo Vol, PITA Cotopaxi Volc, TAMH Tambouhuasha Ch, BREF Cotopaxi Volca, BMOR Cotopaxi Volca, BRRN Barrancas-Volc, BTAM Cotopaxi Volca, TAMB Tambo, VCES Cotopaxi, ANTM Antisana-La Mi, CRIC Corgona, Isla, ANTI Antisana, ANTS Antisana-Sarah, CHL2 Volc'n Chiles, CAYR Refugio Cayamb, ARRY Arrayan, BULB Ultra Tungurahua, CMBC Cumbal, TULM Tulcan-Chalpat, MCRA Macar, Loja, CASC Dorado de Casc, BBAC Balboa, Cauca, BOSQ San Juan Bosco, PKYU Pakayacu, POCP Popayan, Colom, ZUMB Zumb, JAMC Jamundi, Valle, YOTC Yotoco, Valle, FLOC Florencia, PLMC San Jos del P, CBOC Ciudad Bolivar, PRAC Prado, GUY2C Guyana, Caldas, ATAH Atahualpa, SDV Santo Domingo, CMIG Matias Romero, LPAZ La Paz, LPZC La Paz, SJG San Juan, TXAR Lajas Array, H03N2 Juan Fernandez, H03N1 Juan Fernandez, H03N3 Juan Fernandez, CPUP Villa Florida, ANMO Albuquerque, BDFB Brasilia, PLCA Paso Flores, PFO Pinyon Flats O, PDAR Pinedale Array, RCBR Riachuelo, FRB Frober Bay, YKA Yellowknife Arr, REN 20:04:55:28.3, NEIC 20:04:55:28.1, and border region stations like NV11, NV06, NV08, NVAR, NV05, NV09, LHV, LPH, TPH, DSP, MCBM, KVN, MDPB, Q09A, Q09B, Q09A.

2020 5h

Table with columns for station name, frequency, power, and other technical details. Includes stations like CASO Castillo, VAREZ V. Arenal, ARE1 Arenal 1, etc.

2020 MAY

Table with columns for station name, frequency, power, and other technical details. Includes stations like 152A comp=Z,16m,0.8s, 154A Montrose, 154L comp=Z,24m,0.7s, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like PDAR comp=Z,2.4m,0.5s,baz=124,slow=9.8,SNR=18, PDAR comp=Z,38m,19.4s,baz=128,slow=42, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr.

ASRS 20 06:00:38.0±1.1, 15.05N:147.88E, h0km, mb3.6/5, mbtmp3.6/5, Error ellipse: s-maj=50.4km s-min=24.7km az=105.0

ISC 20 06:00:43.6±2.9, 54.17N:86.30E, h0km, mbtmp2.6/2, ML2.4/2, Error ellipse: s-maj=21.7km s-min=12.6km az=62.0, Southwestern Siberia

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like I46RU Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arr, MKAR Makanchi Array.

ISC 20 06:09:04.5±1.1, 15.05N:147.88E, h0km, mb3.6/5, mbtmp3.6/5, Error ellipse: s-maj=50.4km s-min=24.7km az=105.0

ISC 20 06:09:09.7±1.1, 15.05N:147.88E, h0km, mb3.6/5, mbtmp3.6/5, Error ellipse: s-maj=50.4km s-min=24.7km az=105.0

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like GUMO Guam, WRA Warramunga Arr, ASAR Alice Springs, KURBB Kurchatov Arr, ILAR Eielson Array, BVAR Borovoye Array, YKA Yellowknife Ar.

AFAD 20 06:11:12.5, 34°25'N, 25°45'E, h7km, 4km, ML3.0

ISC 20 06:11:13.1±1.1, 34°17'N:25°57'E, h0km, mb4.0/12, mbtmp3.9/18, ML3.6/6, MS2.9/9, Error ellipse: s-maj=22.1km s-min=15.9km az=13.0

ISK 20 06:11:14.4, 34°24'N:25°54'E, h5km, ML3.3/15

THE 20 06:11:16.0, 34°N:62°W, h2.3, h1km, 29km, M3.1/8, MLh3.1/8

ATH 20 06:11:15.5, 34°26'N:25°54'E, h5km, 2km, ML3.3/5, Latitude uncertainty: 1 km; Longitude uncertainty: 3 km

ISC 20 06:11:13.6±1.7, 34°16'N:25°56'E, h0km, 10km, n74, n171/86, mb3.9/11, MS2.9/4, Crete

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like ZKR Zakros, NPS Neapolis, IDI Anoyia, GVD Gavidhos, IMMV Iera Moni Meta, KARP Karpathos, KNDR Palaiochora Ch, VAMOS VAMOS, IZZE Mula-Seydike.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SABU Mula-Dalaman, KAS Kas, AKAS Kas, AKAS Mount Meron Ar, AKAS Mula-Seydike.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like CAMEL Camel-Denizli, ITM Ithomi, AYB Zeytinok-Aydi, KNIK Mula-Seydike, CHOS Chios island, UURLA Izmir, ELL Elmali, MMAIL Mount Meron Ar, MMAIL Mula-Seydike.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like BRTR Keskin Array B, EIL Elat, MLR Muntele Rosu.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like KBZ Khabaz, AKASO Malin Array Be, AKASO Malin Array Be, WTTA Wattenberg, WATA Walderalm, SQTA Sankt Quirin, FETA Feichten, MOTA Moosalm, GERES GERESS Array B, GERES Wattenberg, DAVOX Davos/Dischmat, DAVOX Wattenberg, DAVA Damuels, ESDC Soneca Array, HFS Hagfors, HFS Wattenberg, FINES FINESS Array B, FURI Furi, NOA NOAS Array B, EKA Eskdalemuir Ar, TORD Torri Ar, MBAR Mbarara, ARCES ARCESS Array B, KURBB Kurchatov Arr, MKAR Makanchi Array, SPITS Spitsbergen Ar, ZALV Zalesovo Beam, SCHO Scheffelvi, YKA Yellowknife Ar.

UCR 20 06:16:20.6±1.1, 15.1°60'N:86.79W, h17km, 20km, MW3.7, Presumed earthquake

CATAC 20 06:16:21.5±0.4, 11°N:2°8'W, h28km, 3km, M3.2/32, MLv3.2/32, Error ellipse: s-maj=2.0km s-min=2.4km az=36.0, confirmed

ISC 20 06:16:21.4±1.3, 11.43N:0.03, 86.84W, h26km, 13km, n51, n055/81, Near coast of Nicaragua

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like NADN Granada, SAPS Ciudad Sandino, ABCN Banco Central, MASN Masaya, MAS3 AI N del Volca, ALLN Telcor Managua, APQZ Apoyeque, MPQAN Managua, MGAR Volcan Apoyeque, APQ3 Volcan Apoyeque, MOMM Momotombo, MACN Leon, MACN El Madrono, MACN MOM2 El Cardon, CNGA AI SSO del Vol, CNGC Cerro Negro, CNGN JAPAN AI SSO del Vol, PLRN Geotermica Pol, MORN AI O del Volca, MORN HERN Volcan Telica, LCRUZ La Cruz, CARN Rivas, CARN CARN Rivas, ALIBA Liberia Airport, LAPC Finca la Pirra, BOAB BOACO BROADBAN, BOAB Delf, LIMN Finca el Limon, LIMN Cosiguina Volc, CSGN POTOSI Cosigu, ACOTN ACOPYA, ACOTN MATN Matagalpa, MESS Mesas, CLARA Aguas Claras, JADA Bagaces, BUGA Juan Diaz, VARG Armenia, Volca, CUI Cuijapi, CMARA Lajas Hojanca, TINTP Tierras Morena, CNCH Conchagua, NYURE Nandayure, LCND La Caada, JTS Las Juntas de, JTS Las Juntas de, VARG Arroyo, CEDE Laguna Cededo, TECO Alcaldia de Te, TECO SCLA Alcaldia de Sa, SCLA COEG Centro de Oper

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like COEG, MARCA Marcala la Paz, SIUN Universidad Ur.

SCB 20 06:16:25.7±1.2, 20.81S:67.44W, h181km, 18km, ML3.5/2, Error ellipse: s-maj=4.4km s-min=4.2km az=358.0, Southern Bolivia

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like PB08 IPOC Station P, MOCB Mochra, PB09 IPOC Station P, G001 Chuzmiza, S0EO Opogueri, PB11 IPOC Station P, PB11 I17nm,0.2s, PB02 IPOC Station P, PB02 I17nm,0.3s, PB02 TarjaAcel, PB06 IPOC Station P, PB16 IPOC Station P, BBOJ La Paz, Jacaju, SOEJ Jacaju, G00D La Paz, Gloria, LPAZ La Paz, BBSD Serra de San D, SIV San Ignacio.

REN 20 06:21:37.5±1.0, 38°16'N:0°10'11'W, 99W, h0.02, h6km, 6km, Error ellipse: s-maj=2.5km s-min=1.0km az=52.0

NEIC 20 06:21:37.8±1.1, 38°17'N:0°10'11'W, 99W, h0.02, h5km, 2km, ML2.6/78, ML2.6/18(REN), Error ellipse: s-maj=3.0km s-min=2.9km az=106.0, Nevada

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like NV11 Mina Array Sit, NVAR Mina Array Bea, LHV Little Huntton, LHV comp=N, 640nm, 0.7s, TPH Topnah, TPH comp=N, 285nm, 0.7s, DSP Deep Springs, MLAC Mammoth, Mammo, KVN Kaisereville, MCBM Casa Benchmark, Q09A Carvers, Q09A comp=N, 296nm, 0.6s, MDYM Dry Creek, LCH Last Change Ra, MDPB Devils Postpil, MDPB comp=N, 90nm, 0.4s, GMM Gold Mountain, GMM comp=E, 236nm, 0.4s, TIN Tinemaha, Big, WAKR Walker, GRAC Grapevine Rang, PNTR Pine Nut, PNTR comp=E, 57nm, 1.3s, WCT Wildcat Mounta, WCT comp=E, 61nm, 0.5s, TPNV Topnah Spring, TPNV comp=N, 520nm, 0.7s, TPNV comp=N, 57nm, 1.1s, S11A Troy Canyon, PAHR Pah Rah Rang, R11B Ray Canyon, CMB Columbia Cole, FURC Furnace Creek, MPK Martis Peak, MPK comp=N, 42nm, 0.8s, CPY CP-1, SDH Sheep Hills, PEAR Peavine Mounta, GWY Greenwater Val, GWY comp=E, 31nm, 0.8s, QSM Queen of Sheba, QSM comp=N, 39nm, 0.7s, QSM comp=E, 18nm, 0.8s, PRN Pahroc Range, PRN comp=N, 14nm, 0.5s, PRN comp=E, 42nm, 0.7s, AFDM Forest Hills D, AFDM comp=N, 14nm, 0.5s, VES Vestal, Richgr, BEKR Beckworth, ISA Isabella, Lake, ISA comp=E, 16nm, 0.9s, SHPR Sheep Rang, BBGB Big Mountain B, PMPB Monarch Peak, MHC Mount Hamilton, MHC comp=N, 27nm, 3.7s, ELK Elko, ELK comp=E, 8.6nm, 0.4s, ELK comp=E, 7.0nm, 0.4s.

ASRS 20 06:30:40.0±1.0, 54.17N:86.47E, h0km, M2.6(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

ISC 20 06:30:42.6±2.9, 54.15N:86.66E, h0km, mbtmp3.0/2, ML2.7/2, Error ellipse: s-maj=22.9km s-min=14.3km az=58.0, Southwestern Siberia

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like I46RU Zalesovo Beam, ZALV Zalesovo Beam, ZALV comp=N, 33nm, 0.3s, KURBB Kurchatov Arr, KURBB comp=N, 33nm, 0.3s, MKAR Makanchi Array, MKAR comp=N, 33nm, 0.3s, IZZE Mula-Seydike.

20d 7h

Table with columns: Code, Station Name, s-min, az, Phase ID, Time, Res. Includes stations like HNR Honiara, CTA Charters Tower, WRA Warramunga Arr, ASAR Alice Springs, ELK Elko, TORD Torodi Arr, BDFB Brasilia.

SJA 20 07:02:07.2, 0.2, 20.52S:69.17W, h105km, 3km, ML4.0, MW3.8
NEIC 20 07:02:08.3, 1.1, 20.53S:0.03:69.18W, 0.09, h103km, 7km, mb4.1/3, ML4.0(GUC), Error ellipse: s-maj=12.7km s-min=3.6km az=103.0
GUC 20 07:02:08.9, 0.7, 20.52S:69.14W, h98km, 3km, ML4.0
IDC 20 07:02:08.1, 4.8, 20.74S:69.01W, h108km, 35km, mb3.2/4, mbtmp3.77, Error ellipse: s-maj=48.0km s-min=21.5km az=50.0
VAO 20 07:02:12.2, 2.0, 20.48S:68.66W, h109km, 9km, mb4.1, Presumed earthquake
ISC 20 07:02:07.7-0.6, 20.55S:02.62:69.17W, 0.05, h100km, 5km, n87, c1561/119, 8C-3D, Northern Chile

Main table of station data for the 20d 7h period, including stations like IPOC Station P, Chusmiza, Huaiquique, Diego Aracena, Pisagua, Warramunga Arr, Alice Springs, Tagay City, Kunigami, Eielson Array, Torodi Arr, Camas Ranch, San Pedro de A.

2020 MAY

Main table of station data for the 2020 MAY period, including stations like AFO1 Visiviri, PB18 POC Station P, LPAZ La Paz, AC01 Pan de Azucar, AC02 Maricunga, BSSD Serra de San D, SIV San Ignacio, CO03 EI Pedrega, MURT Porto Murtinho, VILB Vilhena, CPUP Villa Florida, AMBA Ambamb (Braz), SALV Santa Antonio, BO02 Sento Bellavi, H03N1 Juan Fernandez, H03N2 Juan Fernandez, H03N3 Juan Fernandez, TRCB Terra Rica, SNDB Serra Nova Dou, RCLB Rio Claro-Sao, BDFB Brasilia, BDFB Brasilia, ITTB Itaituba, VAO Valinhos, SMTB Santa Maria do, JANB Januaria, SDBA SAO DESIDERIO, TXAR Lajitas Array, TORDI Torodi Arr, YKA Yellowknife Arr, H1S2 WAKE ISLAND Hyt27.51 278 T, H1S1 WAKE ISLAND Hyt27.52 278 T, H1S3 WAKE ISLAND Hyt27.53 278 T, H1N3 WAKE ISLAND Hyt27.57 280 T, H1N2 WAKE ISLAND Hyt27.58 280 T, H1N1 WAKE ISLAND Hyt27.58 279 T, IDC 20 07:04:27.4-4.1, 34.03N:25.50E, h0km, mb3.3/3, mbtmp3.45, ML3.5/2, Error ellipse: s-maj=85.8km, s-min=49.3km az=2.0, Crete, KBZ Khabaz, AKASO Malin Array Be, KURBB Kurchatov Arra, MKAR Makanchi Array, YKA Yellowknife Arr, IDC 20 07:05:16.6-8.3, 34.20N:26.04E, h0km, mb3.7/3, mbtmp3.45, ML3.6/2, Error ellipse: s-maj=140.3km, s-min=74.5km az=58.0, Crete, KBZ Khabaz, AKASO Malin Array Be, KURBB Kurchatov Arra, MKAR Makanchi Array, ZALV Zalesovo Beam, IDC 20 07:10:31.2-3.9, 6.30S:154.18E, h0km, mb3.4/3, mbtmp3.5/3, MS3.2/2, Error ellipse: s-maj=298.7km s-min=31.7km az=129.0, Bougainville-Solomon Islands region, WRA Warramunga Arr, ASAR Alice Springs, TGY Tagay City, JOW Kunigami, ILAR Eielson Array, TORD Torodi Arr, BUT 20 07:29:21.1, 1.9, 44.35N:0.05:115.18W, 0.06, h7km, 4km, Error ellipse: s-maj=7.5km s-min=6.2km az=169.0, NEIC 20 07:29:20.2, 1.9, 44.34N:0.02:115.18W, 0.06, h3km, 6km, ML3.1/64, ML3.5/29(BUT), Error ellipse: s-maj=6.8km s-min=0.8km az=64.0, Western Idaho, Code Station Name, Az, Phase ID, Time, Res.

1272

Table of station data for the 1272 period, including stations like BMO Blue Mountains, BMO 241nm, 0.3s, BMO 166nm, 0.3s, MCMT McKenzie Canyon, MOMT Monida, DLMT Dillon, DLMT 124nm, 0.6s, F10A Beach Ranch, E, VCMT Victor, HBMT Mount Humbug, BGMT Barton Gulch, LRM Lake Pine Rid, LRM Limekiln Ridge, BUT Butte, BUT Circle Bar Ran, IMSO Missoula, LNOR Linnton Mounta, QLMT Earthquake Lak, BOZ Bozeman (W), BOZ Bozeman (W), J08A Circle Bar Ran, IMSO Missoula, LNOR Linnton Mounta, QLMT Earthquake Lak, BOZ Bozeman (W), BOZ Bozeman (W), G08A Pilot Rock, YHB Horse Butte, YHB comp=N, 75nm, 0.7s, YHL Hebgen Lake, YHL comp=N, 96nm, 0.8s, CHMT Chamberlain Mo, YMR Madison River, FXWY Fox Creek, FBMT FERRY BASIN, I07A I07A, OVMT Ovando, YHH Holmes Hill, BELMT Mount Belmont, YPP Pitchstone Pla, YPP comp=N, 53nm, 1.2s, FLWY Flagg Ranch, FLWY comp=E, 77nm, 1.2s, BHMT Big Hole Peak, MOOW Moose Ponds, SWMT Summit, H17A Grant Village, SNOW Snow King Moun, SNOW comp=E, 54nm, 1.1s, LYMT Lyon Mountain, SKM Sixmile, LOHW Long Hollow, LOHW comp=E, 36nm, 0.8s, LOHW comp=E, 34nm, 1.0s, JTMT Jette, ELK Elko, ELK comp=E, 28nm, 0.6s, WAH2 Wahluke Slope, WAH2 comp=E, 45nm, 0.7s, WAH2 comp=N, 45nm, 0.7s, G06A Carlson Farm, G06A comp=N, 26nm, 1.1s, PINE Pine Mountain, G05A Wamic, G05A comp=E, 29nm, 2.5s, G05A comp=N, 26nm, 2.1s, DUG Dugway, Tocele, DUG comp=N, 16nm, 0.8s, DUG comp=N, 19nm, 0.8s, J05D Fort Rock, OR, J05D comp=N, 16nm, 2.9s, J05D comp=E, 23nm, 3.5s, LTY Liberty, LTY comp=N, 12nm, 0.6s, B08A Colville Reser, B08A comp=E, 13nm, 0.6s, H04A Detroit Lake, H04A comp=E, 13nm, 1.7s, PAHR Pah Rah Range

Table of station data for the 1272 period, including stations like IDC 20 07:30:24.2, 1.8, 63.92N:28.00E, h0km, mbtmp2.5/2, ML1.9/2, Error ellipse: s-maj=43.1km s-min=10.2km az=95.0, HEL 20 07:30:24.2, 0.4, 64.04N:28.11E, h0km, ML1.7, Suspected explosion, KOLA 20 07:30:27.7, 64.63N:32.37E, h0km, ML1.8, Karelia, IDC 20 07:30:23.6-0.8, 64.03N:0.03:28.25E, 0.04, h0km, n31, c1845/42, Finland, Code Station Name, Az, Phase ID, Time, Res. Includes stations like NIF Nilsia, RMF Romuvaara, RMF Romuvaara, RUF Oulu, OUF Merjarvi, OUF comp=Z, 5.1nm, 0.2s, OUF OUF, KU1 Kurvinen, KU2 Taivalkoski, OBFO Syolatti, Pyha, OBFO comp=Z, 9.7nm, 0.2s, OBFO MSF, MSF Maaselka, RANF Ranua, KAF Kangasniemi, KU6 Rieikki, KU6 comp=Z, 2.4nm, 0.3s, KU6 Ulkokalla, OBFB Pearl Lake, PLID PLID, PLID 61nm, 0.1s, PLID 61nm, 0.2s, HLID Hailey, HLID Camas Ranch, MFID MFID, KU6 Ulkokalla, OBFB Pearl Lake, PLID PLID, PLID 61nm, 0.1s, PLID 61nm, 0.2s, HLID Hailey, HLID Camas Ranch, MFID MFID.

Table with columns: RUF, comp, T, Smax, Smax, 07 31 42.2, etc. Includes stations like TOF Tornio, VAF Ylistaro, RNF Rovaniemi, etc.

Table with columns: PB02, IPOC Station P, 1.68 196, eP, S, Pn, 07 43 12.2 +0.5, etc. Includes stations like IPOC Station P, IPOC Station P, IPOC Station P, etc.

Table with columns: APG, comp, E, 0.99nm, 0.7s, baz=214, slow=16, SNR=28, S, Sn, 07 50 33.5 +2.1, etc. Includes stations like APG, APG, APG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SIJI Sorong, WRA Warramunga Arr, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZKR Zakros, NPS Neapolis, NPS Neapolis, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CEDA San Andres, MTO3 Montecristo, MTO3 Montecristo, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDI Anoyia, GVD Gavdhos, GVD Gavdhos, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GO01 Chusmiza, GO01 Chusmiza, GO01 Chusmiza, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MLR Muntele Rosu, KBZ Khabaz, KBZ Khabaz, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AKASG Malin Array Be, DAVOX Davos Dischamatt, ESCD Sonseca Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TA02 Huaiquique, TA02 Huaiquique, TA02 Huaiquique, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like STG5 El Palmer, Qui, STG2 El Palmer, Qui, STG2 El Palmer, Qui, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HERN Volcan Telica, MGAN Managua, MGAN Managua, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PB16 IPOC Station P, PB16 IPOC Station P, PB16 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like STG8 El Palmer, Qui, STG8 El Palmer, Qui, STG8 El Palmer, Qui, etc.

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

Table with columns: Station Name, Azimuth, Elevation, P, M, S, Time, Res. Includes stations like Shannon Statio, Mururapa, Eamsleugh, etc.

ICD 20 08:33:27.5:1.2, 1.78N; 125.77E, h0km, mb3.76, mbtmp3.8/6, Error ellipse: s-maj=151.1km s-min=18.9km az=67.0

DJA 20 08:33:37.8:0.3, 3.1N; 4.12E, h71km, mb3.76, m4, 1/19, m85, 1/1, mb4.27, MLV4, 1/19, Mw(mB)4.5/1

ISC 20 08:33:38.0:7.2, 2.42N; 107.005; 127.19E; 0.07, h100km, m33, r133/31, mb4.0/10, Northern Molucca Sea

Main table for station data with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res. Includes stations like Galea, Maluku, Ternate, Sangihe, etc.

ICD 20 08:39:40.4:0.4, 2.53; 58N; 90.57E, h0km, mbmp2.8/3, ML2.2/3, Error ellipse: s-maj=41.6km s-min=27.3km az=35.0

ASRS 20 08:39:30.0:1.6, 53.76N; 90.97E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table for station data with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res. Includes stations like ZALESOVO INFRA, Zalesovo Beam, etc.

ICD 20 08:47:50.8:1.6, 33.94N; 26.29E, h0km, mb3.6/5, mbtmp3.6/5, MS2.7/1, Error ellipse: s-maj=54.9km s-min=27.8km az=141.0, Eastern Mediterranean Sea

Table for station data with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res. Includes stations like Muntele Rosu, FINESS Array B, etc.

CATAC 20 08:50:38.5:0.4, 15.1N; 4.91W, h207km, mb3km, M2.8/16, MLV2.8/16, Error ellipse: s-maj=9.9km s-min=3.0km az=28.9, confirmed

GCG 20 08:50:38.3:0.8, 14.63N; 90.74W, h203km, mb3km, MD3.9, ML3.7, Presumed earthquake

ISC 20 08:50:39.6:2.4, 14.63N; 0.08; 90.71W; 0.06, h202km, 15km, n31, 0.98/0.45, Guatemala

Table for station data with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res. Includes stations like Yaponcapa, Chimo, etc.

Table for station data with columns: Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res. Includes stations like RTAL, RUEH, HUEH, etc.

RSNC 20 08:50:44.2:0.0, 7.1N; 1.73W, h142km, 1km, M3.1, mb3.3, ML2.8

FUNV 20 08:50:45.0:7.1, 14N; 73.17W, h5km, MW3.3, Presumed earthquake

ICD 20 08:50:46.6:3.7, 6.74N; 74.39W, h174km, 49km, mb3.1/1, mbtmp3.5/1, MS2.2/1, Error ellipse: s-maj=511.2km s-min=33.1km az=90.0

ISC 20 08:50:47.1:0.6, 37N; 0.03; 73.11W; 0.05, h156km, 7km, n37, r143/69, 1D, Northern Colombia

Main table for station data with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res. Includes stations like BARC, Pamplona, La Rusia, etc.

ISK 20 09:23:42.7, 38.31N; 38.81E, h3km, ML3.2/13

AFAD 20 09:23:43.0:1.0, 38.26N; 38.79E, h7km, 2km, ML2.9

ISC 20 09:23:43.0:1.0, 38.26N; 0.02; 38.80E; 0.02, h6km, 9km, n25, r088/40, Turkey

Table for station data with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res. Includes stations like MDYL, Doganyol-Malat, etc.

SSNC 20 09:03:39.7:2.1, 17.74N; 70.91W, h7km, 99km, MD3.4, ML1.8, Presumed earthquake

SDD 20 09:03:44.1:2.0, 18.77N; 70.33W, h98km, 13km, MD2.8, ML2.6, MW3.1, Presumed earthquake Hypocentre not reviewed by the ISC

OSPL 20 09:03:44.1:1.5, 18.81N; 70.41W, h104km, 19km, ML2.3, 3C, Presumed earthquake, Dominican Republic region

Table for station data with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res. Includes stations like Loma La Naviza, BANI, etc.

Table for station data with columns: Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res. Includes stations like SC01, Santiago de lo, Nagua, etc.

SSNC 20 09:15:09.7:0.3, 18.97N; 72.20W, h0km, MD2.5, ML1.1, Presumed earthquake

SDD 20 09:15:09.4:1.1, 19.67N; 70.73W, h2km, 12km, MD2.7, ML2.9, MW2.7, Presumed earthquake Hypocentre not reviewed by the ISC

OSPL 20 09:15:09.5:0.3, 19.81N; 70.98W, h0km, 3km, ML2.0, Presumed earthquake, Dominican Republic region

Main table for station data with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res. Includes stations like LU DR, Luperon, Punta Rusia, etc.

ISK 20 09:23:42.7, 38.31N; 38.81E, h3km, ML3.2/13

AFAD 20 09:23:43.0:1.0, 38.26N; 38.79E, h7km, 2km, ML2.9

ISC 20 09:23:43.0:1.0, 38.26N; 0.02; 38.80E; 0.02, h6km, 9km, n25, r088/40, Turkey

Main table for station data with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res. Includes stations like MDYL, Doganyol-Malat, Sivrice-Elazig, etc.

20d 10h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mount Meron Ar, Elat, Khabaz, Malin Array Be, etc.

CATAC 20 10:29:39.7±0.2, 12°N±2.2, 87°W±0.9, h28km, M4.3/54, ML4.3/54, Error ellipse: s-maj=3.5km s-min=1.2km...

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cosiguina Volc, Potosi Cosigu, San Cristobal, Leon, etc.

2020 MAY

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Las Pavas, El Faro, Matagalpa, Marcala, etc.

LOAL Lomas de Alarc 2.62 312 P Sn 10 30 20.4 -0.3
LOAL Lomas de Alarc 2.62 312 P Sn 10 30 21.4 0.0
MTO3 Montecristo 2.64 324 P Sn 10 30 21.3 +0.2

DJA 20 10:30:53.8±0.6, 2°N±3.3, 12°9'E±, h10km, km, M4.3/14, mb4.5/6, mB5.3/5, MLV4.0/14, Mw(MB)4.7/3

NEIC 20 10:30:55.6±1.2, 2°N±4.0, 11°28.7'W±0.10, h40km±10km, mb4.1/11, Error ellipse: s-maj=16.6km s-min=12.6km

IDC 20 10:30:56.8±3.8, 2°45'N, 128°79'E, h56km, 37km, mb3.7/10, mbmp4.0/11, ML3.8/11, MS3.0/6, Error ellipse: s-maj=54.4km s-min=16.4km az=69.0

ISC 20 10:30:54.5±0.6, 2.422N±0.07, 128.84E±0.09, h35km, n51, c131/44, mb4.0/13, MS3.0/4, Halmahera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ternate, Sangihe, Sorong, etc.

1278

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

HEL 20 10:33:13.2±0.1, 63°13'N±27°76'E, h0km, ML1.6, Explosion
IDC 20 10:33:13.5±1.7, 63°10'N±27°66'E, h0km, mbtmp3.0/1, ML2.5/1, Error ellipse: s-maj=29.4km s-min=6.9km

ISC 20 10:33:11.7±0.8, 63°11'N±0°02±27°56'E±0.03, h0km, n36, c128/56, Finland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Nilsia, Sumiainen, Kangasniemi, etc.

20d 10h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CO05 La Serena, CFA Coronel Fontan, etc.

2020 MAY

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like VNA2 Neumayer-Watz, SNA4 Sanae, SNA5 Sanae, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ELK Elko, SCHO Schefferville, FLWY Flagg Ranch, etc.

ISK 20 10:53:13.4, 38:96N-26:40E, h12km, ML3.6/37
ATH 20 10:53:14.1, 38:95N-26:42E, h16km, ML3.4/11, Latitude
uncertainty: 0 km; Longitude uncertainty: 0 km
THE 20 10:53:14.1, 39:00N:0:9:2'6E, h10km, 2km, M3.3/16,
ML3.3

AFAD 20 10:53:14.1, 38:99N-26:42E, h21km, 2km, ML3.4
ISC 20 10:53:14.1-0.8, 38:95N:0:02:26.1E:0.02, h17km, 7km,
n106, o06/132, 13C-7D, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res. Includes stations like PRK Paraskevi, PRK Paraskevi, etc.

RCC										
MARVS	Santiago de Cu	5.59	281	eS	Sn	12 02 07.9	-1.1			
MARVS				eP	Pn	12 02 11.8	+1.4			
PINC	Pinares de May	5.59	286	eP	Pn	12 02 09.7	-0.7			
PINC				eS	Sn	12 02 10.6	-2.9			
HLCG	Holguin	5.94	290	eP	Pn	12 01 15.6	+0.4			
HLCG				eS	Sn	12 02 19.2	-2.9			
CHIV	Chivirico	6.06	280	eP	Pn	12 01 16.9	+0.1			
CHIV				eS	Sn	12 02 24.4	-0.6			
CHIV	Chivirico	6.06	280	eP	Pn	12 01 15.7	-1.2			
YAR		6.08	284	eP	Pn	12 01 18.5	+1.4			
YAR				eS	Sn	12 01 15.6	-0.4			
CCCC	Cccc	7.56	288	eP	Pn	12 01 31.4	-5.7			
CCCC				eS	Sn	12 02 49.4	-1.2			

IDC 20 12:18:29.4±0.0.34°19'N,25°69'E,h0km,mb3.9/19,
mbmp3.8/20,ML3.6/7,MS3.2/6,Error ellipse:
s-maj=1.5km s-min=15.1km az=3.0

ISK 20 12:18:31.4±0.0.34°19'N,25°58'E,h5km,ML3.4/13
Gll 20 12:18:32.9±0.0.34°14'N,0°02.26'03.0E,0.001,h0km,
MWS4.0,confirmed

AFAD 20 12:18:33.6±0.141°25'84"E,h6km,4km,ML3.2
ATH 20 12:18:35.0±0.34°35'N,25°50'E,h10km,2km,ML3.2/9,
Latitude uncertainty: 8 km; Longitude uncertainty: 4 km
THE 20 12:18:36.3±0.141°26'03"E,h2km,15km,M3.0/7,
MLh3.0/7

ISC 20 12:18:28.7±1.6,34°01'N,0°05.2576'E,0.04,h5km,10km,
n88,r194/113,mb3.9/12,MS3.4/4,Crete

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ZKR	Zakros	1.16	19	Pn	12 18 52.8	+1.8
ZKR				Op	12 18 09.5	+1.5
ZKR	Zakros	1.16	19	P	12 18 52.2	+1.2
ZKR				Op	12 18 06.9	+2.7
SIT2	Siteia	1.22	14	P	12 19 06.6	+1.9
SIT2				Sb	12 18 52.3	-0.6
NPS	Neapolis	1.25	355	P	12 19 04.5	-4.8
NPS				Sb	12 18 52.7	0.0
NDI	Anoyia	1.46	331	Pn	12 18 55.6	+0.1
NDI	Anoyia	1.46	331	Op	12 19 14.3	-1.3
NDI	Anoyia	1.46	331	P	12 18 55.8	-0.6
NDI				Sb	12 19 10.8	-4.6
NDI	Anoyia	1.46	331	P	12 18 55.8	-0.6
GVD	Gavdhos	1.61	301	Pn	12 18 58.4	+0.6
GVD	Gavdhos	1.61	301	P	12 18 58.4	+0.6
VAM	Varnos	1.89	318	Pn	12 19 02.7	-1.0
KARP	Karpathos	1.92	37	Pn	12 19 05.8	+0.3
KARP	Karpathos	1.92	37	P	12 19 06.2	+0.8
KARP	Karpathos	1.92	37	P	12 19 05.4	-1.2
IMMV	Iera Moni Meta	2.06	315	Pn	12 19 02.7	-2.7
IMMV				Sb	12 19 06.2	-0.4
IMMV	Iera Moni Meta	2.06	315	P	12 19 29.1	-1.1
IMMV				Sb	12 19 05.9	-0.9
IMMV	Iera Moni Meta	2.06	315	P	12 19 09.6	-2.1
IMMV				Pb	12 19 09.3	+1.2
ANKY	Antikythira Is	2.74	313	P	12 19 15.6	+2.3
ANKY				Pb	12 19 15.0	+1.1
ANKY	Antikythira Is	2.74	313	Pn	12 19 15.2	+2.3
ARG	Arkhangelos	3.00	27	P	12 19 19.2	+2.3
YAZI	Mula-Dafis	3.00	27	P	12 19 20.2	-3.4
APE	Apeiranthos	3.05	357	Pn	12 19 19.6	+1.8
APE	Apeiranthos	3.05	357	P	12 19 19.6	+1.8
APE				Sb	12 19 55.1	+0.3
APE				Sb	12 19 34.3	-3.0
VLV	Velia	3.55	320	P	12 19 29.8	+2.8
IZZE	Mula-Seydike	3.73	49	S	12 20 13.0	+1.7
IZZE				IAML	12 20 22.0	
IZZE	comp=N,62nm,0.4s			IAML	12 20 34.0	
SMG	Samos	3.79	13	Pn	12 19 29.5	+1.7
SABU	Mula-Dalaman	3.84	42	P	12 19 30.6	+2.1
SABU				Sb	12 19 15.5	+1.5
AKAS	Kas	3.85	54	P	12 19 34.3	-3.0
AKAS				Sb	12 19 33.9	-3.4
AKAS				Sb	12 20 16.3	+1.8
AKAS				IAML	12 20 25.0	
AKAS	comp=N,107nm,0.5s			IAML	12 20 25.0	
DNZT	Denizli-Tavas-	4.21	38	S	12 20 23.6	+0.4
KNIK	Mula-Seydike	4.21	47	S	12 19 30.0	+4.3
KNIK				Sb	12 20 26.9	+3.7
KNIK				IAML	12 20 34.0	
AYDB	Zeytinokoy-Aydi	4.29	23	Pn	12 19 38.9	+4.1
TAVA	Denizli-Tavas	4.29	36	P	12 19 38.8	+3.9
TAVA				Sb	12 20 26.9	+1.5
ELAS	Elmasi	4.35	50	Pn	12 19 41.0	-4.9
CHOS	Chios island	4.37	3	Pn	12 19 39.2	+3.3
AKUM	Antalya-Kumluc	4.41	57	Pn	12 19 39.6	+3.4
GOLH	Golhisar	4.46	49	Pn	12 19 40.4	+3.2
APMY	Acipayam-Deniz	4.50	39	Pn	12 19 42.4	+4.8
ODEM	Odemis-izmir	4.65	23	Pn	12 19 43.5	+3.8
KEPZ	Antalya-Kepez	5.57	57	Pn	12 19 55.7	+2.7
CSS	Mathiatis	6.32	79	Pn	12 20 03.2	+0.5
CSS				Sb	12 21 12.9	-2.4
KZT	Kziot	7.93	111	Pn	12 20 26.6	+1.9
KZT				Sb	12 21 54.7	-0.2
SLTI	Saltit	7.98	100	Pn	12 20 26.1	+0.5
SLTI				Sb	12 21 54.4	-1.7
AMAZ	Amatzia	8.10	105	P	12 20 28.1	+1.0
AMAZ				Sb	12 21 58.4	-0.6
MMAI	Mount Meron Ar	8.12	94	Pn	12 20 30.5	+3.1
MMAI				Sb	12 21 59.5	0.0
MMAI	2.5nm,0.3s,baz=279,slow=11,SNR=4.9			Sb	12 20 34.1	+1.2
MMAI	4.1nm,0.3s,baz=282,slow=28,SNR=3.6			Sb	12 20 03.5	
SALP	Salift	8.15	101	P	12 20 28.9	+1.1
SALP				Sb	12 21 59.2	+1.2
MMI	Mount Malkishu	8.25	98	P	12 20 34.9	+1.7
MMI				Sb	12 22 00.4	-2.3
GEM	Giv'at Ha'Em	8.30	93	Pn	12 20 30.8	+1.0
GEM				Sb	12 20 01.9	-2.0
YTR	Yattir	8.32	106	P	12 20 31.5	+1.3
YTR				Sb	12 22 03.7	-0.8
RMNI	Mount Ramon	8.35	112	P	12 20 32.1	+1.6
RMNI				Sb	12 22 05.2	0.0
HMDT	Nahal Hemdat	8.38	99	Pn	12 20 31.8	+0.9
HMDT				Sb	12 22 05.0	-0.9
DSI	Dead Sea	8.46	104	Pn	12 20 33.1	+1.1
DSI				Sb	12 20 34.1	+1.4
BRTR	Keskin Array B	8.50	46	Pn	12 20 34.1	+1.2
BRTR				Sb	12 20 03.5	
MSBI	Mazada	8.53	106	P	12 20 34.1	+1.2
MSBI				Sb	12 22 09.0	-0.6
KRMI	Paran Flat	8.55	115	P	12 20 34.9	+1.7
KRMI				Sb	12 22 09.5	-0.5
PRNI	Paran	8.64	112	P	12 20 36.4	+1.8
PRNI				Sb	12 22 12.5	0.0
GHAJ	Ghor Haditha	8.70	105	Pn	12 20 36.4	+1.1
GHAJ				Sb	12 22 12.2	-1.5
HRFI	Mount Harif	8.82	114	P	12 20 38.5	+1.6
HRFI				Sb	12 22 16.7	0.0
EIL	Eilat	8.94	116	Pn	12 20 41.9	+3.4
EIL				Sb	12 20 34.1	+1.2
EIL	1.3nm,0.3s,baz=271,slow=1.0,SNR=14			Sb	12 22 19.7	+0.1
EIL	0.6nm,0.3s,baz=315,slow=16,SNR=1.7			Sb	12 20 40.2	+1.6
EIL	6.1nm,0.4s			Sb	12 22 19.7	+0.1
MLR	Muntele Rosu	11.46	1	LR	12 22 29.9	-0.3
KBZ	Khabaz	16.47	49	P	12 22 22.9	-0.3
KBZ	comp=Z,78nm,20.4s,baz=198,slow=42			P		
VRAC	Vranov	16.72	339	LR	12 30 05.9	
VRAC	comp=Z,38nm,19.3s,baz=223,slow=42			LR		
AKASG	Malin Array Be	16.87	8	Pn	12 22 25.7	+0.2
AKASG				Sb	12 22 25.7	+0.2
AKASG	1.7nm,0.3s,baz=199,slow=17,SNR=9.2			Sb	12 20 33.1	+1.1
AKASG	0.6nm,0.4s			Sb	12 22 30.9	-0.5
GERES	GERES Array B	17.32	339	Pn	12 22 30.9	-0.5
GERES				Sb	12 22 30.9	-0.5
GERES	comp=Z,153,slow=12,SNR=7.6			Pn		

DAVOX	Davos/Dischmat	17.53	321	P	12 22 34.7	-0.5
DAVOX				Sb	12 22 34.7	-0.5
DAVOX	0.9nm,0.4s			Sb		
DAVOX	4.0nm,0.3s,baz=150,slow=19,SNR=4.9			Sb		
EDSC	Sonessa Array	24.38	292	P	12 23 48.2	+0.2
EDSC				Sb	12 22 34.7	-0.5
EDSC	0.8nm,0.5s			Sb		
FINES	FINES Array B	27.45	0	P	12 24 13.6	-1.8
FINES				Sb	12 20 34.1	+1.2
FINES	2.1nm,0.8s			Sb		
NOA	NORSAR Array B	28.63	345	LR	12 36 44.6	
NOA				Sb	12 20 34.1	+1.2
NOA	comp=Z,17nm,18.2s,baz=90,slow=38			Sb		
EKA	Eskegaard Ar	29.25	326	P	12 24 31.5	-0.1
EKA				Sb	12 20 34.1	+1.2
EKA	0.2nm,0.3s,baz=118,slow=1.1,SNR=4.5			Sb		
EKA	0.2nm,0.3s			Sb		
TORD	Torodi Ar. Bea	30.16	232	P	12 24 41.6	+1.7
TORD				Sb	12 20 34.1	+1.2
TORD	1.1nm,0.7s,baz=30,slow=8.2,SNR=7.1			Sb		
TORD	1.1nm,0.6s			Sb		
ARCES	ARCES Array B	35.57	360	P	12 25 25.6	-1.0
ARCES				Sb	12 20 34.1	+1.2
ARCES	0.9nm,0.6s,baz=174,slow=8.8,SNR=12			Sb		
ARCES	1.2nm,0.6s			Sb		
BVAR	Borovoye Array	36.79	45	P	12 25 37.4	+0.1
BVAR				Sb	12 20 34.1	+1.2
BVAR	0.3nm,0.2s,baz=266,slow=5.9,SNR=3.6			Sb		
BVAR	0.3nm,0.2s			Sb		
DBIC	Dimbokro	39.26	233	LR	12 46 21.7	
DBIC				Sb	12 20 34.1	+1.2
DBIC	comp=Z,39nm,18.1s,baz=100,slow=11,SNR=5.3			Sb		
KURBB	Kurchatov Array	41.47	50	P	12 26 17.6	+1.2
KURBB				Sb	12 20 34.1	+1.2
KURBB	1.3nm,0.5s,baz=274,slow=6.6,SNR=13			Sb		
KURBB	1.3nm,0.5s			Sb		
MKAR	Makani Array	44.00	56	P	12 26 39.3	+2.2
MKAR				Sb	12 20 34.1	+1.2
MKAR	1.1nm,0.6s,baz=272,slow=7.4,SNR=9.8			Sb		
MKAR	1.1nm,0.6s			Sb		
SPITS	Spitsbergen Ar	44.45	357	P	12 26 40.0	-0.3
SPITS				Sb	12 20 34.1	+1.2
SPITS	1.7nm,0.6s,baz=177,slow=11,SNR=5.3			Sb		
SPITS	1.1nm,0.4s,baz=272,slow=7.5,SNR=5.0			Sb		
ZALV	Zalesovo Beam	45.45	45	P	12 26 48.4	-0.1
ZALV				Sb	12 20 34.1	+1.2
ZALV	1.1nm,0.4s			Sb		
TSUM	Tsumoryama	53.49	190	LR	12 52 53.9	
TSUM				Sb	12 20 34.1	+1.2
TSUM	comp=Z,39nm,18.1s,baz=327,slow=38			Sb		
SCHO	Schaffersville	64.38	320	P	12 29 05.8	+0.3
SCHO				Sb	12 20 34.1	+1.2
SCHO	1.2nm,0.4s,baz=70,slow=5.5,SNR=6.5			Sb		
SCHO	1.2nm,0.4s			Sb		
YKA	Yellowknife Ar	78.69	342	P	12 30 32.1	+0.5
YKA				Sb	12 20 34.1	+1.2
YKA	0.5nm,0.5s,baz=34,slow=5.3,SNR=12			Sb		
YKA	0.5nm,0.5s			Sb		
ILAR	Eisenkorn Array	81.37	357	P	12	

20d 12h

Table with columns for station name, frequency, power, and status. Includes stations like Tower One, Loyaltown, Snort, Vestal, Richgr, etc.

2020 MAY

Table with columns for station name, frequency, power, and status. Includes stations like W15H Wishkah, NEW Newport, TXAR Lajitas Array, etc.

1286

Table with columns for station name, frequency, power, and status. Includes stations like M26K Nabesna, AK, BCAR Beaver Creek A, L27K Beaver Creek, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MLY Manley, M18K Stony River, G24K Hadweenczi Riv, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LUBAR Lubar, Ukraine, GUMO Guam, BVAR Borovoye Array, etc.

NEIC 20 12:38:37.2, 3.38, 2.1N, 0.01, 117.76W, 0.01, h6km, 3km, az=199.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NV11 Mina Array, NV111 Mina Array, etc.

BJI 20 12:45:02.3, 4.88N, 126.18E, h93km, mB5.2/16, mb5.2/77

Table with multiple columns: Station Name, Frequency, Power, Direction, and various status indicators. Includes stations like GSPH General Santos, MTN Mantong Dam, and many others.

1291

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like E23K Chandalar, GHO Glory Hole Cre, NEA2 Nenana, etc.

2020 MAY

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like VVDA Vanda, VVDA Vanda, VVDA Vanda, etc.

20d 12h

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B, etc.

20d 13h

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Strength. Includes stations like FORT Forrest, KNRA Kunurra, and many others.

2020 MAY

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Strength. Includes stations like PETK Petropavlovsk, ISIA Isabella Lake, and many others.

1294

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Strength. Includes stations like HOLB Holberg, N17K Nushagak Hills, and many others.

1295

MESA	MESA	80.07	15	P	P	13 58 51.7 +0.9
SML	Sawmill	80.08	12	P	P	13 58 51.1 +0.4
BMR	Bremner River	80.12	14	I	I	13 58 52.4
BMRM	Bremner River	80.12	14	P	P	13 58 51.4 +0.5
M23K	Glacier View	80.18	12	P	P	13 58 52.1 +0.9
I17K	Unalakleet	80.24	6	I	I	13 58 54.1
I17K	Unalakleet	80.24	6	P	P	13 58 53.2 +1.9
CUTK	Chulitna	80.26	11	P	P	13 58 51.8 +0.2
CRQM	Cirque	80.28	15	I	I	13 58 53.0
L22K	Petersville	80.28	10	I	I	13 58 52.5
L22K	Petersville	80.28	10	P	P	13 58 51.4 -0.3
CRQE	Cirque	80.29	15	P	P	13 58 52.4 +0.5
KLU	Klutina	80.29	13	P	P	13 58 52.1 +0.3
SCM	Sheep Creek Mo	80.30	12	P	P	13 58 52.4 +0.5
TGL	Tana Glacier	80.35	15	I	I	13 58 53.9
C09A	Christman Ranch	80.37	34	I	I	13 58 54.3
PPLA	Purkeypile	80.39	10	P	P	13 58 52.9 +0.5
NJ2	Nanjing	80.42	307	eP	P	13 58 55.3 +2.2
PNM	Pinnacle	80.45	16	P	P	13 58 53.3 +0.6
K20K	Telida	80.53	9	P	P	13 58 54.0 +1.0
ANM	Nome	80.55	4	P	P	13 58 54.1 +1.1
GRNC	Granite Creek	80.60	15	I	I	13 58 55.2
VRDI	Verde Repeater	80.62	14	I	I	13 58 55.2
R32K	Eaglecrest	80.65	20	P	P	13 58 54.4 +0.7
MNTX	Cornudas Moun	80.68	53	I	I	13 58 57.3
MA2	Magadan	80.69	342	P	P	13 58 53.9 0.0
MA2	Magadan	80.69	342	P	P	13 58 53.9 0.0
GLB	Gilahina Butte	80.72	14	I	I	13 58 55.1
P29M	Windy Craggy	80.76	18	I	I	13 58 56.5
P29M	Windy Craggy	80.76	18	P	P	13 58 55.6 +1.3
TCUT	Toone Canyon	80.77	43	I	I	13 58 57.6
M24K	Tolsona, Glenn	80.79	13	P	P	13 58 55.6 +1.1
PV05	Paradox Valley	80.82	46	I	I	13 58 58.6
H16K	Elim	80.84	5	P	P	13 58 56.0 +1.4
MCARA	McCarthy VSAT	80.85	14	P	P	13 58 55.7 +1.0
MCARA	McCarthy VSAT	80.85	14	I	I	13 58 56.4
MCARA	McCarthy VSAT	80.85	14	P	P	13 58 55.3 +0.5
LOGN	Logan Glacier	80.87	15	I	I	13 59 32.3
CAST	Castle Rocks	80.90	10	P	P	13 58 54.0 -0.9
WAT6	Susitna Watana	80.90	12	P	P	13 58 55.7 +0.5
BARN	Barnard Glacier	80.91	15	I	I	13 58 57.0
J19K	Poorman	80.93	8	P	P	13 58 55.7 +0.6
J19K	Poorman	80.93	8	P	P	13 58 55.3 +0.3
KLR	Kul'dur	80.95	327	fP	P	13 58 56.1 +0.6
WAT1	Susitna Watana	80.97	11	P	P	13 58 55.5 +0.1
PLBC	Pleasant Camp	81.02	18	P	P	13 58 56.6 +1.0
O28M	Mount Upton	81.04	16	P	P	13 58 56.6 +0.5
PV18	Skein Mesa, Pa	81.04	46	P	P	13 58 57.6 +1.1
PV18	Skein Mesa, Pa	81.04	46	I	I	13 58 59.0
TXAR	Lajitas Array	81.04	56	P	P	13 58 58.2 +1.6
TXAR	Lajitas Array	81.04	56	P	P	13 58 57.6 +1.0
TXAR	Lajitas Array	81.04	56	P	P	13 58 57.6 +1.0
PV13	Radium Mtn., P	81.06	46	I	I	13 58 59.2
G15K	Niukluk	81.06	4	P	P	13 58 56.6 +0.9
O29M	Mount Kennedy	81.08	17	I	I	13 58 58.1
O29M	Mount Kennedy	81.08	17	P	P	13 58 57.0 +0.9
T35M	Bob Quinn	81.13	22	P	P	13 58 57.5 +1.1
PV01	Paradox Valley	81.22	46	I	I	13 58 60.0
TRF	Thorofore Moun	81.22	10	I	I	13 58 59.6
TRF	Thorofore Moun	81.22	10	P	P	13 58 56.7 -0.2
HARP	HAARP	81.27	13	I	I	13 58 58.6
HARP	HAARP	81.27	13	P	P	13 58 56.1 -0.8
ALQ	Albuquerque	81.27	50	I	I	13 59 01.7
ANMO	Albuquerque	81.27	50	P	P	13 58 57.7 -0.2
ANMO	Albuquerque	81.27	50	I	I	13 59 00.6
ANMO	Albuquerque	81.27	50	I	I	13 59 01.6
ANMO	Albuquerque	81.27	50	I	I	13 59 01.7
ANMO	Albuquerque	81.27	50	fP	P	13 58 59.3 +1.4
ANMO	Albuquerque	81.27	50	P	P	13 58 59.5 +1.6
CHUM	Lake Minumun	81.30	9	P	P	13 58 56.9 -0.1
J20K	Novinta River	81.30	8	I	I	13 58 59.6
J20K	Novinta River	81.30	8	P	P	13 58 57.9 +0.8
BNX	BinXian	81.33	323	fP	P	13 58 57.0 -0.6
SKAG	Skagway	81.34	19	P	P	13 58 58.5 +1.2
H17K	Granite Mounta	81.35	6	P	P	13 58 58.3 +1.0
PV15	Paradox Valley	81.38	46	I	I	13 59 00.8
MDSI	Maura Du	81.38	268	P	P	13 58 58.3 -0.4
P30M	Million Dollar	81.39	18	P	P	13 58 59.0 +1.3
F14K	Arctic Creek	81.40	3	P	P	13 58 58.6 +1.1
DHY	Denali Highway	81.42	12	I	I	13 58 59.2
DHY	Denali Highway	81.42	12	P	P	13 58 58.0 +0.1
TNA	Tin City	81.42	2	P	P	13 58 58.3 +0.6
CN2	Changchun	81.46	320	P	P	13 58 58.6 +0.2
GCSA	Galena City Sc	81.49	7	P	P	13 58 59.2 +1.2
S34M	Telegraph Cree	81.51	21	I	I	14 00 42.1

2020 MAY

S34M	Telegraph Cree	81.51	21	P	P	13 58 59.5 +1.2
YUK8	Steele Glacier	81.58	16	P	P	13 58 59.8 +0.8
YUK6	Outpost Mounta	81.67	17	P	P	13 58 59.9 +0.5
PAX	Paxson	81.71	13	P	P	13 58 59.3 -0.1
BPAW	Bear Paw Mtn.	81.71	10	P	P	13 58 58.6 -0.7
PECS	Pecos	81.71	54	I	I	13 59 02.6
H18K	Hotosa River	81.72	6	P	P	13 58 59.9 +0.7
MCK	McKinley	81.72	11	P	P	13 58 59.6 +0.3
F15K	North Star D	81.73	4	P	P	13 59 00.2 +0.9
M26K	Nabesna, AK	81.75	14	I	I	13 59 01.2
M26K	Nabesna, AK	81.75	14	P	P	13 59 00.1 +0.5
HYT	Haines Junctio	81.81	17	I	I	13 59 02.1
HYT	Haines Junctio	81.81	17	P	P	13 59 01.1 +1.1
YUK3	Moose Creek	81.82	15	P	P	13 59 00.8 +0.7
G17K	Kiwalik Mounta	81.83	5	P	P	13 59 00.9 +1.1
BRWY	Burwell Landin	81.85	16	P	P	13 59 01.0 +1.0
I20K	Naaghedneel	81.85	8	I	I	13 59 02.0
I20K	Naaghedneel	81.85	8	P	P	13 59 01.1 +1.2
Q32M	Nakina River	81.92	20	P	P	13 59 01.8 +1.0
YUK4	Talbot Arm	81.93	16	P	P	13 59 02.0 +1.3
P32M	Atlin	81.95	19	P	P	13 59 01.7 +1.0
M27K	Edge Creek, AK	81.97	14	I	I	13 59 02.9
M27K	Edge Creek, AK	81.97	14	P	P	13 59 01.9 +1.1
MENT	Menstata	82.06	13	I	I	13 59 02.9
DSRI	Dalton	82.08	272	P	P	13 59 04.6 +2.3
O30N	Mendhall	82.17	18	I	I	13 59 03.4
O30N	Mendhall	82.17	18	P	P	13 59 02.9 +1.1
L6K	Lug Cabin Wild	82.21	13	P	P	13 59 02.9 +1.0
DLMT	Dillon	82.23	38	I	I	13 59 05.0
MSO	Missoula	82.23	37	I	I	13 59 04.0
BVCY	Beaver Creek	82.27	15	P	P	13 59 03.2 +1.0
FXWY	Fox Creek	82.29	41	I	I	13 59 05.6
DLBC	Dease Lake	82.29	21	P	P	13 59 03.4 +0.9
H19K	Roundabout Mou	82.30	7	I	I	13 59 04.5
H19K	Roundabout Mou	82.30	7	P	P	13 59 03.5 +1.3
SNOW	Snow King Moun	82.37	41	I	I	13 59 06.0
O20A	White River C	82.39	45	I	I	13 59 05.4
K24K	Donnelly Dome	82.39	12	P	P	13 59 03.6 +0.8
G18K	Tagagakiv	82.41	6	I	I	13 59 04.5
G18K	Tagagakiv	82.41	6	P	P	13 59 03.6 +0.7
WHY	Whitehorse	82.44	18	I	I	13 59 04.8
WHY	Whitehorse	82.44	18	P	P	13 59 04.3 +1.0
N30M	Aishlik Lake	82.45	17	P	P	13 59 04.0 +0.8
H20K	Anotleneega Mo	82.46	8	P	P	13 59 04.4 +1.3
NEA2	Nenana	82.49	10	I	I	13 59 05.4
NEA2	Nenana	82.49	10	P	P	13 59 02.9 -0.4
SAND	Sanderson	82.52	56	I	I	13 59 06.6
RIDG	Independent Ri	82.52	12	I	I	13 59 05.0
RIDG	Independent Ri	82.52	12	P	P	13 59 04.0 +0.4
LOHW	Long Hollow	82.54	41	I	I	13 59 06.7
MMNH	Monahans	82.56	55	I	I	13 59 06.7
I21K	Tanana	82.57	9	P	P	13 59 04.2 +0.5
L27K	Beaver Creek	82.59	14	P	P	13 59 04.6 +0.6
BCAR	Beaver Creek A	82.61	14	P	P	13 59 04.6 +0.6
DOT	Dot Lake	82.61	13	I	I	13 59 05.4
MLY	Manley	82.62	10	I	I	13 59 04.9
MLY	Manley	82.62	10	P	P	13 59 03.9 -0.1
R33M	Jennings River	82.69	20	I	I	13 59 06.9
R33M	Jennings River	82.69	20	P	P	13 59 05.6 +0.9
F17K	Baldwin Pennin	82.70	5	I	I	13 59 06.5
F17K	Baldwin Pennin	82.70	5	P	P	13 59 05.0 +0.7
HDA	Harding Lake	82.71	11	P	P	13 59 04.7 +0.3
P33M	Teslin, Yukon	82.72	19	P	P	13 59 05.3 +0.7
FLWY	Flagg Ranch	82.72	40	I	I	13 59 08.0
YHB	Horse Butte	82.75	40	I	I	13 59 08.3
BW06	Boulder Array	82.79	42	I	I	13 59 07.4
PD31	Pinedale Array	82.79	42	I	I	13 59 07.4
PDAR	Pinedale Array	82.79	42	P	P	13 59 06.2 +0.5
PDAR	Pinedale Array	82.79	42	P	P	13 59 05.9 +0.2
G19K	Purcell Mounta	82.82	7	I	I	13 59 07.1
G19K	Purcell Mounta	82.82	7	P	P	13 59 06.2 +1.2
N31M	Braeburn, Yuko	82.84	17	I	I	13 59 07.3
N31M	Braeburn, Yuko	82.84	17	P	P	13 59 06.1 +0.8
YMR	Madison River	82.85	40	I	I	13 59 08.9
M29M	Somme Creek	82.89	16	P	P	13 59 06.3 +0.7
H21K	Melozitna Rive	82.89	8	P	P	13 59 06.3 +0.9
SCRK	Sand Creek	82.91	13	I	I	13 59 07.2
SCRK	Sand Creek	82.91	13	P	P	13 59 06.3 +0.6
BOZ	Bozeman (W)	82.93	39	I	I	13 59 08.6
I23K	Minto, Yukon-K	82.95	10	I	I	13 59 06.9
I23K	Minto, Yukon-K	82.95	10	P	P	13 59 05.9 +0.2
COLA	College	82.96	11	P	P	13 59 05.4 -0.3
COLA	College	82.96	11	P	P	13 59 06.2 +0.5
COLA	College	82.96	11	fP	P	13 59 05.5 -0.3
COLA	College	82.96	11	P	P	13 59 05.9 +0.2

20d 13h

COLA	College	82.96	11	P	P	13 59 06.1 +0.4
F18K	Selawik	83.00	6	P	P	13 59 06.4 +0.5
IL31	comp=Z,19nm,1.0s	83.05	11	I	I	13 59 08.1
ILAR	Eielson Array	83.05	11	P	P	13 59 06.2 -0.1
ILAR	Eielson Array	83.05	11	P	P	13 59 05.9 -0.3
ILAR	Eielson Array	83.05	11	P	P	13 59 05.9 -0.3
J25K	Salcha River,	83.19	12	I	I	13 59 08.5
J25K	Salcha River,	83.19	12	P	P	13 59 07.4 +0.4
SDCO	Great Sand Dun	83.20	48	I	I	13 59 10.3
HAYD	Hayden	83.23	45	I	I	13 59 10.4
POKR	Poker Flat Res	83.26	11	P	P	13 59 07.7 +0.3
E17K	Hoiam Inlet	83.29	5	P	P	13 59 08.6 +1.2
H22K	Ishlaltina Cre	83.33	9	I	I	13 59 09.3
H22K	Ishlaltina Cre	83.33	9	P	P	13 59 08.4 +0.8
N32M	Quiet Lake	83.36	18	I	I	13 59 10.0
N32M	Quiet Lake	83.36	18	P	P	13 59 08.6 +0.7
K27K	Chicken	83.37	13	I	I	13 59 10.1
MYKOM	Kota Tinggi	83.40				

20d 13h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like H27K Steamboat Moun, C19K Lookout Ridge, G26K Porcupine River, etc.

2020 MAY

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like YAK comp=Z,1.1nm,1.0s, YAK comp=E,4.0nm,1.4s, YAK comp=N,2.0nm,1.6s, etc.

1296

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like NOA NORSAR Array B134.88 357, NOA Hagfors, HFS comp=Z,0.5nm,0.5s, HFS comp=Z,2.9nm,0.7s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PBRG Braganca, PVRL Vila Real, MVO Moncorvo, etc.

IDC 20 13:49:20.3.2.1, 34:05N, 25:71E, h0km, mb3.6/3, mbtmp3.5/8, ML3.3/5, MS3.1/2, Error ellipse: s-maj=39.1km

THE 20 13:49:26.2, 34:12N, 42:2'6"E, h1.4, h6km, 30km, M2.8/5, ML2.5/5

ATH 20 13:49:29.6, 34:66N, 25:52E, h16km, 2km, ML2.8/6, Latitude uncertainty: 18 km; Longitude uncertainty: 13 km

ISC 20 13:49:26.1.2.3, 34:5N, 01:25:60E, 0.04, h15km, 11km, n22, c19/25, mb3.6/3, Crete

Main station list for 1297 with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes Neapolis, Zakros, Anoyia, etc.

REN 20 13:56:35.1.1.1, 38:18N, 01:11:77W, 0.01, h7km, 4km, Error ellipse: s-maj=1.7km s-min=1.5km az=49.0

NEIC 20 13:56:35.2.0.9, 38:213N, 00:07:1177W, 0.02, h6km, 3km, ML2.8/8, ML2.8(REN), Error ellipse: s-maj=1.8km s-min=1.0km az=97.0, Nevada

Main station list for 1297 (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes Mina Array Sit, Tonopah, Little Huntoon, etc.

Main station list for 2020 MAY with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes MPK Martis Peak, GSW Greenwater Val, QM Queen of Sheba, etc.

MAN 20 13:56:44.0, 6:44N, 125:70E, h175km, MS4.5, MAN INTENSITY III - GENERAL SANTOS CITY.

IDC 20 13:56:45.0, 6:46N, 125:49E, h182km, 3km, mb4.0/24, mbtmp4.5/28, MS3.6/2, Error ellipse: s-maj=15.4km

NEIC 20 13:56:45.5, 1.9: 6:48N, 0:07:125:57E, 0.09, h179km, 4km, mb4.9/86, Error ellipse: s-maj=12.8km s-min=9.6km az=75.0

DJA 20 13:56:45.2, 0.9: 6:18N, 12:6E, h177km, 8km, M5.3/22, mb5.4/22, mb5.0/22, ML5.7/14, Mw(m)5.5/172

ISC 20 13:56:44.9, 6:47N, 103:125:51E, 0.04, h179km, 3km, h179km, P-P, n309, c1906/335, mb4.8/89, Mindanao

Main station list for 2020 MAY (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes Don Marcelino, Davao City, etc.

Main station list for 2020 MAY (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes Manton Dam, Minamidato 2, etc.

Table with columns: Station Name, Time, Res, h, m, s, ISC. Includes stations like BJT, HHC, MORW, FORT, QLP, etc.

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

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

20d 15h

Table of seismic events for 20d 15h, listing station names (e.g., KDAK, KSRs), station codes, station names, and various parameters like time, magnitude, and distance.

2020 MAY

Main table of seismic events for 2020 MAY, including station names, codes, station names, and detailed parameters such as time, magnitude, distance, and phase ID.

1300

Table of seismic events for 1300, listing station names, codes, station names, and parameters like time, magnitude, and distance.

1301

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like V48A Smith Brothers, BELA Belgrano 2, OZNA Ozona, etc.

AFAD 20 15:44:47.0, 35:05N-27:91E, h9km, 3km, MW4.3
IDC 20 15:44:48.0, 0.5, 35:34N-27:92E, h0km, mb4, 4/26,
mbmp4, 3/38, ML4, 0/11, MS3, 7/42, Error ellipse:
s-maj=13.2km s-min=10.0km az=162.0

GLI 20 15:44:49.0, 35:166N, 0:002-28:008E, 0:001, h0km,
Mw5.4, 6, confirmed
NIC 20 15:44:49.0, 35:25N-28:01E, h1km, M1.4, 1/17
NEIC 20 15:44:50.5, 1.9, 35:22N, 0:05-27:87E, 0:06, h10km, 1km,
mb4, 7/156, Error ellipse: s-maj=9.2km s-min=7.5km
bz=225.0

ATH 20 15:44:51.1, 35:24N-28:04E, h8km, 2km, Latitude
uncertainty: 2 km; Longitude uncertainty: 1 km
PDG 20 15:44:51.5, 0.7, 35:29N-27:96E, h13km, 3km, ML4, 1/10,
Error ellipse: s-maj=1.8km s-min=1.2km az=90.0
ISK 20 15:44:51.5, 35:31N-27:88E, h11km, ML4, 2/28
MCSM 20 15:44:53.0, 4.3, 35:NL4, 2*2.8E, h38km, 4km, mb4.6,
mb4.5, MLv4, 3, Mw(m)B3.7
THE 20 15:44:54.6, 35:15N, 9*2.8E, 1*1, h7km, 20km, M4, 0/17,
MLh4, 0/17
NAO 20 15:45:10.6, 38:26N-29:40E, h10km, MB4.3
ISC 20 15:45:50.6, 0.8, 35:16N, 0:03-27:89E, 0:02, h14km, 4km,
mb6.6, 1772/685, mb4, 6/111, MS3, 7/34, 24C-22D,
Dodecanese Islands

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like KARP Karpathos, ARG Arkhangelos, etc.

2020 MAY

Main table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like RD11 Rhodes Town Ha, ZKR Zakros, etc.

20d 15h

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like ALFC 1.4nm, 0.6s, ALFC 1.3nm, 0.7s, etc.

OHAK	Old Harbor	2.30 300	Pn	16 52 07.3	-0.2
OHAK			Sn	16 52 33.4	-2.4
KDAK	Kodiak Island	2.31 317	Pn	16 52 07.9	+0.2
	9.7nm, 0.3s, baz=123, slow=2.5, SNR=256		Sn	16 52 33.6	-2.6
KDAK			Sn	16 52 07.8	0.0
KDAK	Kodiak Island	2.31 317	Pn	16 52 34.5	-1.7
KDAK	Kodiak Island	2.31 317	Sn	16 52 34.5	-1.7
SII	Sitkinak Island	2.57 281	Pn	16 52 39.8	-2.9
SII			IAML	16 52 44.4	
	comp=N, 372nm, 0.8s				
CHIR	Chirikof Island	3.39 267	Pn	16 52 23.3	-0.2
CHIR			Sn	16 52 59.4	-3.3
CHIR			IAML	16 53 00.6	
CNPM	China Poot	3.50 346	Pn	16 52 23.7	-0.5
CNPM			Sn	16 53 04.0	-1.7
CNPM			IAML	16 53 06.1	
	comp=N, 120nm, 0.5s				
Q19K	Cape Douglas,	3.54 324	Pn	16 52 25.4	+0.7
KAPH	Katmai Pasha	3.55 316	Pn	16 52 26.3	+1.5
KAWH	Katmai Hook GJ	3.56 314	Pn	16 52 26.7	+1.6
KAHW	Katmai	3.60 311	Pn	16 52 26.9	+1.4
MGLS	Mageik Landslj	3.62 306	Pb	16 52 27.1	-1.0
MGLS			Pb	16 52 27.1	-6.6
KARR	Katmai Rainbow	3.63 313	Pn	16 52 27.8	+1.9
CAHL	Cahill	3.64 304	Pn	16 52 27.1	+1.0
BRSE	Bradley Lake S	3.66 351	Pn	16 52 25.6	-0.7
BRSE			Pn	16 53 06.5	-3.1
KAKN	Katmai Knife C	3.66 308	Pn	16 52 27.7	+1.3
KCE	Katmai Mt Cerb	3.69 307	Pn	16 52 29.5	+2.8
HOM	Homer	3.69 344	Pn	16 52 26.3	-0.3
BRLL	Bradley Lake	3.70 350	Pn	16 52 25.6	-1.3
BRLL			IAML	16 53 11.6	
	comp=E, 88nm, 0.7s				
ACHA	Angle Creek He	3.73 306	Pn	16 52 28.4	+1.0
MID	Middleton Isla	3.74 27	Pn	16 52 26.0	-1.3
MID			IAML	16 53 15.8	
	comp=N, 143nm, 1.4s				
MID			IAML	16 54 56.5	
	comp=E, 110nm, 1.5s				
KABU	Katmai Buttres	3.75 307	Pn	16 52 29.2	+1.7
ANCK	Angle Creek	3.81 305	Pn	16 52 29.8	+1.5
ANCK			Pb	16 52 30.0	-6.9
ALJK	Augustine Jueg	3.81 329	Pn	16 52 31.9	+0.8
SEW	Seward	3.98 1	Pn	16 52 28.8	-1.8
R17L	Mt. Peulik Vol	3.99 295	Pn	16 52 31.8	+1.0
P23K	Montague Island	4.05 16	Pn	16 52 30.4	-1.1
P23K			IAML	16 53 16.2	
	comp=E, 126nm, 0.4s				
P23K			IAML	16 53 18.5	
	comp=N, 112nm, 0.3s				
PLBL	Peulik Blue Cr	4.24 295	Pn	16 52 35.7	+1.4
ILS	Iliamna Low So	4.24 336	Pn	16 52 34.4	0.0
O20K	Slope Mountain	4.25 309	Pn	16 52 34.5	-0.4
ILSW	Iliamna South S	4.28 336	Pn	16 52 34.5	-0.4
ILSW			IAML	16 53 26.2	
	comp=E, 60nm, 0.4s				
ILSW			IAML	16 53 27.2	
	comp=N, 78nm, 0.4s				
IVE	Iliamna Volcan	4.29 337	Pn	16 52 34.7	-0.3
O22K	Cooper Landing	4.36 359	Pn	16 52 34.2	-1.6
SLKM	Skliak Lake	4.39 356	Pn	16 52 35.5	-0.8
SLKM			IAML	16 53 26.3	
	comp=E, 89nm, 0.3s				
SLKM			IAML	16 53 28.2	
	comp=N, 62nm, 0.5s				
HIN	Hinchinbrook I	4.58 20	Pn	16 52 37.9	-1.0
HIN			IAML	16 53 28.9	
	comp=N, 78nm, 0.5s				
RED	Redoubt Volcan	4.60 340	Pn	16 52 38.0	-1.2
RED			IAML	16 53 32.8	
	comp=N, 54nm, 0.5s				
RED			IAML	16 53 33.5	
	comp=E, 62nm, 0.7s				
KAIM	Kayak Island	4.70 34	Pn	16 52 39.9	-0.6
KAIM			IAML	16 53 37.5	
	comp=E, 73nm, 1.3s				
O18K	Kvichak River	4.76 324	Pn	16 52 40.9	-0.5
P17K	Kvichak River	4.77 313	Pn	16 52 42.4	+0.9
P17K			IAML	16 53 38.3	
	comp=E, 77nm, 1.0s				
ANPB	Aniakchak Plen	4.85 281	Pn	16 52 43.4	+0.8
ANPB			Pb	16 52 43.3	-1.1
EYAK	Cordova Ski Ar	4.87 23	Pn	16 52 42.2	-0.6
EYAK			IAML	16 53 40.1	
	comp=E, 39nm, 0.6s				
CHGN	Chignik	4.91 276	Pn	16 52 43.8	+0.4
CHGN			IAML	16 53 40.1	
	comp=E, 70nm, 0.8s				
CHGN			IAML	16 53 41.0	
	comp=N, 64nm, 0.5s				
FID	Port Fidalgo	4.91 18	Pn	16 52 42.2	-1.2
FID			IAML	16 53 34.8	
	comp=E, 56nm, 0.5s				
FID			IAML	16 53 40.2	
	comp=N, 43nm, 0.6s				
GLI	Glacier Island	4.94 15	Pn	16 52 43.0	-0.8
GLI			IAML	16 53 37.7	
	comp=N, 34nm, 0.5s				
GLI			IAML	16 53 38.8	
	comp=E, 48nm, 0.5s				
RC01	Rabbit Creek A	4.97 359	Pn	16 52 43.3	-0.9
RC01			IAML	16 53 41.7	
	comp=N, 53nm, 0.7s				
RC01			IAML	16 53 43.0	
	comp=E, 55nm, 0.7s				
RAGM	Ragged Mountai	5.00 29	Pn	16 52 43.8	-0.9
GOAT	Goat Mountain	5.15 28	Pn	16 52 46.4	-0.4
BERG	Berg Lake	5.29 34	Pn	16 52 47.8	-0.9
N19K	Bonanza Creek	5.34 333	Pn	16 52 48.6	-0.8
P16K	Nushagak River	5.35 306	Pn	16 52 50.8	+1.3
P16K			IAML	16 53 56.5	
	comp=N, 44nm, 1.3s				
P16K			IAML	16 54 04.7	
	comp=E, 52nm, 1.4s				
DIV	Divide	5.39 20	Pn	16 52 49.7	-0.5
O17K	Koliganek Bris	5.52 30	Pn	16 52 50.6	-0.1
STLK	Strandline Lak	5.50 349	Pn	16 52 51.0	-0.5
BMRM	Bremner River	5.51 26	Pn	16 52 50.9	-0.8
N18K	Kilae Creek	5.62 327	Pn	16 52 53.0	-0.2
GHO	Glory Hole Cre	5.66 3	Pn	16 52 54.3	+0.4
O16K	Kokwok River B	5.69 311	Pn	16 52 55.2	+1.0
KLU	Klutina	5.70 18	Pn	16 52 53.8	-0.6
SML	Sawmill	5.72 6	Pn	16 52 54.9	+0.3
MESA	MESA	5.73 42	Pn	16 52 54.4	-0.6
CRQM	Cirque	5.75 34	Pn	16 52 54.4	-0.7
CNBA	Chernabura Isl	5.82 261	Pn	16 52 55.7	-0.2
SCM	Sheep Creek Mo	5.83 11	Pn	16 52 56.4	+0.2
TGL	Tana Glacier	5.84 35	Pn	16 52 55.5	-0.9
N17K	Nushagak Hill	5.93 321	Pn	16 52 57.0	-0.5
SKT	Skwentna	5.94 351	Pn	16 52 57.4	-0.2
VRDI	Verde Repeater	6.03 30	Pn	16 52 57.8	-1.2
M20K	Styx River	6.04 344	Pn	16 52 57.8	-1.2
RKAW	Rock Avalanche	6.04 43	Pn	16 52 57.8	-1.2
GLB	Galihina Butte	6.12 27	Pn	16 52 58.8	-1.2
GRNC	Granite Creek	6.18 39	Pn	16 53 00.5	-0.7
M24K	Tolsona, Glenn	6.24 15	Pn	16 53 03.1	+1.4
O15K	Unkalithiuk R	6.28 303	Pn	16 53 03.4	+1.3
MCARA	McCarthy VSAT	6.28 30	Pn	16 53 01.9	-0.3
PCA	Pinnacles	6.43 47	Pn	16 53 02.7	-0.7
L22K	Petersville	6.43 355	Pn	16 53 04.7	+0.3
BARN	Barnard Glacie	6.45 37	Pn	16 53 04.1	-0.7
N17K	White Mountain	6.63 338	Pn	16 53 06.5	-0.6
M19K	Holittna River	6.66 326	Pn	16 53 07.4	0.0
HARP	HARP	6.68 18	Pn	16 53 09.0	+1.3
O28M	Mount Upton	6.78 43	Pn	16 53 08.0	-1.4
N15K	Kwethluk River	6.85 310	Pn	16 53 11.8	+1.7
M16K	Timber Creek	6.91 319	Pn	16 53 11.3	+0.4
O14K	Tiguykaiueit M	6.97 301	Pn	16 53 12.2	+0.4
DHY	Denali Highway	7.05 8	Pn	16 53 14.1	+1.1
L15K	Granite Mounta	7.09 332	Pn	16 53 15.2	+0.7
PAXN	Paxson	7.17 15	Pn	16 53 15.2	+0.7
O29M	Mount Kennedy	7.17 50	Pn	16 53 14.4	-0.1
P29M	Windy Craggy	7.24 56	Pn	16 53 14.0	-1.4
M27K	Edge Creek, AK	7.39 29	Pn	16 53 17.6	+0.1
CAST	Castle Rocks	7.41 351	Pn	16 53 18.7	+1.0
CSKT	Kuskokwag Cree	7.46 43	Pn	16 53 19.2	+0.2
S31K	Pelican	7.53 70	Pn	16 53 16.1	-3.2
L16K	Owhat River	7.56 322	Pn	16 53 19.2	-0.5
K20K	Telida	7.58 345	Pn	16 53 18.6	-1.5

MCK	McKinley	7.63 2	Pn	16 53 19.5	-1.2
HYT	Haines Junctio	7.89 49	Pn	16 53 22.6	-1.9
K17K	Iditarod	7.94 330	Pn	16 53 24.4	-0.5
L27K	Beaver Creek,	7.98 26	Pn	16 53 25.6	0.0
RIDG	Independent Ri	7.99 15	Pn	16 53 25.3	-0.4
BCAR	Beaver Creek A	8.00 27	Pn	16 53 25.9	-0.4
BESE	Bessie Mountai	8.35 67	Pn	16 53 28.2	-2.4
SS2K	Killino	8.37 75	Pn	16 53 27.9	-2.9
J20K	Novinta River	8.37 346	Pn	16 53 30.1	-0.7
N30M	Aishik Lake	8.41 45	Pn	16 53 30.7	-0.7
J19K	Pooman	8.43 342	Pn	16 53 29.8	-1.8
O30N	Blending Riv	8.47 51	Pn	16 53 30.0	-0.9
M29M	Somme Creek	8.51 37	Pn	16 53 30.0	+0.1
L14K	Kuka Creek	8.55 313	Pn	16 53 34.5	+1.2
K15K	Wolf Creek Mou	8.67 320	Pn	16 53 36.0	+1.0
VABM	Doonee	8.69 331	Pn	16 53 33.9	-1.4
J27K	Chioen	8.72 22	Pn	16 53 36.5	+0.3
ILAR	Illiamna Array	8.77 27	Pn	16 53 37.4	+1.1
	comp=E, 0.2nm, 0.3s, baz=188, slow=14, SNR=6.4		Sn	16 55 08.1	-7.0
	comp=E, 0.6nm, 0.3s, baz=188, slow=14, SNR=12		Sn	16 55 08.1	-7.0
ILAR	Eielson Array	8.77 8	Pn	16 53 36.2	-0.1
N31M	Braeburn, Yuko	8.95 48	Pn	16 53 38.5	-0.3
WHY	Whitehorse	8.96 54	Pn	16 53 38.1	-1.0
J16K	Anvik River	9.05 327	Pn	16 53 39.8	-0.4
L29M	Yukon	9.06 21	Pn	16 53 39.8	-0.4
P32M	Atlin	9.15 61	Pn	16 53 40.1	-1.6
M30M	Minto, Yukon	9.18 40	Pn	16 53 41.1	-0.9
U33K	Whale Pass	9.22 83	Pn	16 53 39.1	-3.3
CRAC	Craig	9.32 87	Pn	16 53 40.2	-3.7
K19K	Kusilvak Mount	9.67 313	Pn	16 53 50.3	+1.6
H21K	Melozima Riv	9.68 352	Pn	16 53 45.5	+0.3
H23K	Yukon River	9.72 0	Pn	16 53 50.0	+0.6
P33M	Teslin, Yukon	9.76 58	Pn	16 53 48.4	-1.7
K29M	Barlow Dome	9.80 33	Pn	16 53 50.3	-0.3
M31M	Drury Creek, Y	9.89 46	Pn	16 53 51.8	+0.2
H19K	Rundabout Mou	9.92 343	Pn	16 53 53.1	+0.1
H18K	Honsha River	10.00 338	Pn	16 53 51.1	-2.1
H17K	Granite Mounta	10.16 334	Pn	16 53 54.5	-0.9
R33M	Jennings Riv	10.48 64	Pn	16 54 00.3	+0.5
G24K	Hadweenciv Riv	10.65 5	Pn	16 54 03.9	+1.8
J30M	Hart River	10.69 32	Pn	16 54 02.2	-0.6
H27K	Stemboat Moun	10.81 18	Pn	16 54 04.6	-0.1
DLCB	Dease Lake	10.85 70	LR	16 57 36.0	
	comp=E, 5.7nm, 18.3s, baz=240, slow=34				
MMPY	Sheldon Lake,	11.36 48	Pn	16 54 12.0	+0.1
BMAR	Burnt Mountain	11.57 10	Pn	16 54 16.0	+1.3
O23K	Nushuk River	12.88 358	Pn	16 55 02.0	+0.3
YKA	Yellowknife R	18.78 56	P	16 55 40.0	+0.4
	comp=E, 0.1nm, 0.3s, baz=266, slow=9.7, SNR=5.8				
	comp=E, 0.4nm, 0.8s				
NEW	Newport	21.26 98	LR	17 02 35.4	
	comp=E, 90nm, 18.2s, baz=193, slow=52				
PDAR	Pinedale Array	28.82 101	P	16 57 21.9	-6.2
	comp=E, 0.1nm, 0.4s, baz=300, slow=11, SNR=1.4				
	comp=E, 0.7nm, 0.4s				
H11N2					

20d 17h

Table with columns for ID, Name, Comp, E, S, N, M, O, S, P, Pn, and values. Includes entries like O15K Ungalikthiuk R, P18K Big Mountain, O16K Kokkok River B, etc.

2020 MAY

Table with columns for ID, Name, Comp, E, S, N, M, O, S, P, Pn, and values. Includes entries like RAGM Ragged Mountai, J17K VABM Dome, SCM Sheep Creek M, etc.

1306

Table with columns for ID, Name, Comp, E, S, N, M, O, S, P, Pn, and values. Includes entries like YUK4 Talbot Arm, F17K Baldwin Pennin, G21K Allaket, etc.

20d 17h

Table with columns for station name, frequency, power, and signal strength. Includes stations like HOPEN Hopfen, CN2 Changchun, and various other stations across the frequency spectrum.

2020 MAY

Table with columns for station name, frequency, power, and signal strength. Includes stations like AKN Aaknes, DOMB Dombas, and various other stations across the frequency spectrum.

1308

Table with columns for station name, frequency, power, and signal strength. Includes stations like CD2 Chengdu, GOMU GeErliu, and various other stations across the frequency spectrum.

Table with columns: CLL, eSSSS, AMS, Time, Res, and various station codes like DAVOX, FUORN, ABTA, MYKA, SOKA, OBAR, etc.

Table with columns: DAVOX, FUORN, ABTA, MYKA, SOKA, OBAR, etc. and various station codes like ANN, MLR, GZR, ARR, KIV, etc.

Table with columns: KAPI, MMAI, MDP, ASAR, PALK, PRPB, H03N2, H03N1, H03N3, NBMA, RCBR, NBVP, JANB, GUA01, PSAL, VNSA, QSPA, etc. and various station codes like CHIR, CHIR, CHIR, CHIR, etc.

1311

Table with columns for name, frequency, and other parameters. Includes entries like APE, APEIRANTHOS, MULA-DATSA, etc.

2020 MAY

Table with columns for name, frequency, and other parameters. Includes entries like NEO, RTZL, KEZP, etc.

20d 18h

Table with columns for name, frequency, and other parameters. Includes entries like VAE, PDG, MLR, etc.

20d 18h

Table with columns for station code, name, coordinates, elevation, and various performance metrics. Includes stations like MNK Minsk, NACGM Naroch, and ZAAO Zalesovo Array.

2020 MAY

Table with columns for station code, name, coordinates, elevation, and various performance metrics. Includes stations like ZAAO Zalesovo Array, ZALV Zalesovo Beam, and ZALZ Zalesovo Beam.

1312

Table with columns for station code, name, coordinates, elevation, and various performance metrics. Includes stations like D17K Noatak River, F25K Christian River, and G29M Pine Creek.

Table with columns: Station Name, Az, El, Res, Time, Res, ISC. Includes stations like N31M Braeburn, Yuko, PETK Petropavlovsk, N30M Aishikik Lake, CUT Chullina, etc.

Table with columns: Station Name, Az, El, Res, Time, Res, ISC. Includes stations like S14K Sitikan Island, CH4K Fog Glacier, S1HG Chignik, etc.

AFAD 20 18:03:46.8, 38.61N, 39.67E, h7km, 2km, ML2.6
ISK 20 18:03:46.1, 38.65N, 39.70E, h5km, ML2.7/1.5
ISC 20 18:03:46.0, 38.63N, 39.67E, h10km, 8km, n25, c063/37, Turkey

Table with columns: Code, Station Name, Az, El, Res, Time, Res, ISC. Includes stations like KOVA Elazig, Kovanc, MDNT Maden, ESJZ Sirvice-Elazig, etc.

JMA 20 18:05:30.6, 0.1, 35.5N, 0.4, 140.0E, 0.4, h16km, 2km, MV3, J20, CENTRAL CHIBA PREF
JMA Felt 1/1 at CENTRAL CHIBA PREF
IDC 20 18:05:31.5, 1.35, 43N, 140.13E, h49km, 40km, mb3, 1/4, mbtmp3, 3/4, MS3, 7/1, Error ellipse: s-maj=68.8km, s-min=25.8km az=63.0

Table with columns: Code, Station Name, Az, El, Res, Time, Res, ISC. Includes stations like H11N2 WAKE ISLAND Hy 28.37 116 T, H11N1 WAKE ISLAND Hy 28.38 116 T, etc.

Table with columns: Station Name, Az, El, Res, Time, Res, ISC. Includes stations like H11N3 WAKE ISLAND Hy 28.39 116 T, H11S3 WAKE ISLAND Hy 29.01 119 T, etc.

IDC 20 18:17:40.3, 0.6, 28.78N, 139.91E, h351km, 7km, mb3, 3/20, mbtmp4, 0/25, Error ellipse: s-maj=16.4km s-min=9.3km az=70.0
JMA 20 18:17:41.0, 0.2, 29.1N, 141.0E, h371km, MV3, 9/24, W OFF OCASAWAFA
ISC 20 18:17:40.2, 0.5, 28.35N, 0.06, 140.0E, 0.1, h350km, n39, s158/50, mb3, 8/20, Bonin Islands region

Table with columns: Code, Station Name, Az, El, Res, Time, Res, ISC. Includes stations like CBJJ Chichijima, CBJJ Chichijima, CBJJ Chichijima, etc.

IDC 20 18:18:00.8, 21.0, 18.90S, 179.69W, h587km, 85km, mb3, 2/3, mbtmp4, 1/4, Error ellipse: s-maj=454.7km s-min=104.1km az=86.0
NEIC 20 18:18:01.8, 1.0, 18.7S, 0.2, 179.75W, 0.08, h597km, 9km, mb4, 4/13, Error ellipse: s-maj=33.4km s-min=11.2km az=174.0
ISC 20 18:18:01.3, 0.7, 18.8S, 0.2, 179.8W, 0.1, h600km, n20, c097/20, mb4, 1/9, Fiji Islands region

Table with columns: Code, Station Name, Az, El, Res, Time, Res, ISC. Includes stations like MSVF Nonsavu, NIUC Niue, NIUC Niue, etc.

20d 19h

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, ISC. Includes stations like GEM, OFRI, NATI, BLGI, etc.

20d 19:20:47.1±1.3, 34.08N±25.63E, h0km, mb3.7/6, mbmp3.5/11, ML3.2/5, MS2.3/2, Error ellipse: s-maj=23.4km s-min=18.0km az=28.0

20d 19:20:47.6, 34.13N±25.64E, h5km, ML3.0/16, MLh2.8/4

20d 19:20:47.8, 1.8, 34.08N±0.06±25.68E±0.05, h11km±12km, n35, ±22/39, mb3.6/5, Crete

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, ISC. Includes stations like ZKR, KZR, NPS, etc.

20d 19:38:20.6±3.2, 54.92N±15.71W, h0km, mb3.7/2, mbmp3.5/3, ML3.4/1, Error ellipse: s-maj=69.3km s-min=38.1km az=68.0

20d 19:38:20.5±1.5, 54.68N±0.07±15.70W±0.06, h10km±2km, ML3.1/24, ML3.1(AEIC), Error ellipse: s-maj=13.2km s-min=3.0km az=155.0

20d 19:38:24.5±1.4, 54.62N±0.08±15.76W±0.08, h12km±6km, Error ellipse: s-maj=12.5km s-min=5.4km az=159.0

20d 19:38:19.5±2.3, 54.76N±0.09±15.87W±0.05, h2km±14km, n77, ±13/74, South of Alaska

2020 MAY

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, ISC. Includes stations like CHIR, CNBA, CHGN, etc.

20d 19:50:06.9±0.8, 50.050S±160.98E, h0km, mb4.0/6, mbmp4.1/7, ML3.7/1, MS3.6/6, Error ellipse: s-maj=41.1km s-min=22.5km az=68.0

20d 19:50:07.9±0.8, 50.050S±0.1±161.3E±0.2, h11km±24, ±068/15, mb4.0/6, MS3.5/6, North of Macquarie Island

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, ISC. Includes stations like URZ, STKA, VNSA, etc.

20d 19:50:06.9±0.8, 50.050S±160.98E, h0km, mb4.0/6, mbmp4.1/7, ML3.7/1, MS3.6/6, Error ellipse: s-maj=41.1km s-min=22.5km az=68.0

20d 19:50:07.9±0.8, 50.050S±0.1±161.3E±0.2, h11km±24, ±068/15, mb4.0/6, MS3.5/6, North of Macquarie Island

1316

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, ISC. Includes stations like H03N2, H03N1, CMAR, etc.

20d 19:56:47.7±0.7, 3.82S±29.16E, h0km, mb3.9/15, mbmp3.9/18, ML1.9/1, MS3.1/5, Error ellipse: s-maj=23.8km s-min=14.2km az=104.0

20d 19:56:48.8±0.6, 3.90S±0.06±29.16E±0.1, h10km±n35, ±291/33, mb4.2/23, MS3.0/3, Lake Tanganyika region

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, ISC. Includes stations like MBAR, LSZ, FURI, etc.

20d 19:58:18.2±0.0, 34.895N±26.381E±0.001, h0km, Mw3.3, confirmed

20d 19:58:23.4, 35.15N±26.34E, h23km±6km, ML3.0/7, Latitude uncertainty: 7.2 km

20d 19:58:23.5, 35.25N±26.37E, h8km, ML2.8/2

20d 19:58:23.6, 35.04N±26.67E, h7km±4km, ML2.4

20d 19:58:20.3±1.3, 34.85N±0.05±26.45E±0.03, h10km±gkm, n62, ±156/183, Crete

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, ISC. Includes stations like ZKR, KZR, NPS, etc.

Table with columns: Station Name, Code, Station Name, Az, Az, Phase ID, Time, Res, ISC. Includes stations like THERA Ancient Thera, ARG Arkhangelos, KSL Kastellorizon, etc.

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC. Includes stations like KNRA Kununurra, FORN Forrest, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res, ISC. Includes stations like QLP Quilpie, QRTZ Quartz Range, CAN Canberra, etc.

20d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KARAI Karang Ratu, NLAJ Namlea, SOEI Soe, etc.

2020 MAY

Table with columns for station name, frequency, power, and other technical details. Includes stations like CASY Casey, KASI Kota Agung, CCD Concordia, etc.

1318

Table with columns for station name, frequency, power, and other technical details. Includes stations like SEY Seymchan, SEY Seymchan, MAW Mawson, etc.

20d 20h

Table with columns: MKAR, Makanchi Array, 58.53 330, P, P, 21 00 06.9 +2.6. Includes sub-tables for MAKZ, MAKZ, MAKZ, FUNA, ARSB, KK31, KK31, KKAR, Karatay Array, KURBB, Kurchatov Arra, KURK, Kurchatov.

RSNC 20:20:50.24.6.0.7, N:1.1 x 7.3W:5.1, h147km, 1km, M2.6, ML2.2
FUINV 20:20:50.25.8.7.12N:73.22W, h5km, MW2.8, Presumed

ISC 20:20:50.23.3.1.5, 6.86N, 0.03:73.13W, 0.05, h151km, gkm, n23, o139/46, Northern Colombia

Main table for 20d 20h section with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists various stations like BARC, BRJC, PAMC, RUSC, etc.

MEX 20:20:52.45.8.1.0, 13.33N:92.39W, h15km, MD3.9, Presumed earthquake

SNET 20:20:52.47.8.1.4, 13.89N:92.29W, h36km, ML3.7, Presumed earthquake

ISC 20:20:52.43.4.1.3, 13.42N:0.09:92.50W, 0.06, h32km, n15, o175/23, Off coast of Chiapas

Main table for 20d 20h section with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists various stations like RTAL, THIG, CHUU, etc.

ISK 20:20:57.16.4.34, 08N:25.72E, h5km, ML3.6/21, IDC 20:20:57.16.8.0.9, 34.19N:25.51E, h0km, mb4.2/17, mbmp4.1/26, ML3.7/9, MS3.4/16, Error ellipse: s-maj=17.4km, s-min=12.7km, az=11.0

NEIC 20:20:57.18.6.2.0, 34.17N:0.06:25.60E, 0.07, h10km, 1km, mb4.4/54, Error ellipse: s-maj=11.8km, s-min=7.7km, az=218.0

ATH 20:20:57.20.6.34, 30N:25.49E, h7km, 3km, ML3.6/14, Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

GII 20:20:57.20.5.0.0, 34.119N:0.00:25.974E, 0.01, h0km, Mw=1.1, confirmed

THE 20:20:57.21.1.34, N:25.2 x 5E:1.4, h0km, 29km, M3.3/6, MLh3.3/6

AFAD 20:20:57.23.7.34, 63N:25.86E, h8km, 5km, MW3.7, MCSM 20:20:57.29.7.1.2, 35.1N:10.2 x 7E:1.4, h13km, 4km, mb4.3, mB4.8, MLV3.8, Mw(mb)4.1

ISC 20:20:57.17.5.1.1, 34.11N:0.04:25.61E, 0.03, h9km, gkm, n287, o172/323, mb4.3/44, MS3.3/11, 9D, Crete

Main table for 20d 20h section with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists various stations like ZKR, NPS, STIA, etc.

2020 MAY

Main table for 2020 MAY section with columns: GVD, Gavdhos, 1.46 300, S, Sn, 20 58 01.1 -2.1. Lists various stations and their coordinates.

1320

Main table for 1320 section with columns: GEM, Giv'at Ha'Em, 8.43 93, P, Pn, 20 59 19.2 +0.5. Lists various stations and their coordinates.

Table with columns: Day, Station Name, Time, Res, and various codes. Includes stations like TUE Stuetta, KHC Kasperske Hory, DPC Dobruska-Polom, etc.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

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

20d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like DSI, MSBI, GHAJ, KRAM, PRNI, HRFI, EIL, AKASG, ESDC, TORO, KURBB, MKAR, ZALV.

IDC 20 21:29.15.8.1, 34.16N, 25.63E, h0km, mb3.6/8, mbmp3.6/14, ML3.3/5, MS3.0/2, Error ellipse: s-maj=22.2km s-min=15.0km az=16.0

ISK 20 21:29.16.7.34, 14N, 25.66E, h5km, ML3.1/14

ISC 20 21:29.18.4.0.7, 34.08N, 25.62E, 0.05, h17km, n44, s=17.18/49, mb3.5/7, Crete

Main table of station data for the 20d 22h period, including stations like ZKR, IDI, GVD, IMMV, KARP, ARG, APE, DAT, TURN, DALY, CAME, ELL, MMAIL, EIL, VAE, ARS, RONA, KBA, ABTA, LES, AKASG, WTTA, WATA, SOTA, FETA, MOTA, GERES, DAVOX, RETA, DAVA, ESDC, FINES, NOA, EKA, TORD, KURBB, MKAR, ZALV, TSMU, YKA.

NOU 20 22:46:36.8, 24.56S, 178.02E, h108km, mb4.5/9, South of Fiji Islands

NEIC 20 22:46:43.8, 1.4, 23.4S, 0.1, 179.6W, 0.1, h55km, mb3.2/4, az=143.0

IDC 20 22:46:45.2, 23.10S, 179.81W, h57km, mb3.2/4, mbmp4.2/5, Error ellipse: s-maj=110.0km s-min=30.0km az=23.0

ISC 20 22:46:44.6, 1.0, 23.64S, 0.09, 180.0W, 0.1, h532km, n30, s=141/30, mb4.1/11, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like LKBA, MSVF, MSV, YAVE, MARNC.

2020 MAY

Table with columns: TOZ, RTZ, BKZ, BRZ, OFRI, EIDS, CTKA, STKA, AS31, ASAR, WBO, WRA, WRA, MTN, KNRA, FITZ, NWAQ, NWAQ, MBWA, MORW, GQSA, GQSA. Includes station names and coordinates.

GUC 20 22:50:29.9, 0.7, 36.82S, 73.51W, h23km, 4km, ML3.7, 1C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like BI05, CCSP, BI04, BI02, LO02, ML02, GO05, LR03, LR03, BO02, BO04, BO01, G006, MT01, MT09, BO04, MT12, LMEL, MT13, MT02, MT05, UT03, MT16, MT14, MT10, ROCH, FCH, MT04.

IDC 20 22:51:12.3, 1.1, 34.09N, 25.65E, h0km, mb3.8/10, mbmp3.7/18, ML3.3/6, MS2.9/5, Error ellipse: s-maj=20.5km s-min=14.5km az=14.0

GII 20 22:51:12.4, 0.0, 33.363N, 0.002, 25.736E, 0.001, h0km, mvs3.5, confirmed

DALY 20 22:51:13.2, 34.12N, 25.68E, h9km, ML3.1/13

AFAD 20 22:51:13.7, 33.96N, 25.71E, h4km, 5km, ML3.0

ISC 20 22:51:13.8, 0.7, 33.32N, 0.05, 25.70E, 0.05, h17km, n75, s=133/108, mb3.9/9, MS3.4/3, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ZKR, IDI, KARP, ARG, APE, DAT, BODT, TURN, DALY, DAVOX, MLSB, IZZE, YER, SABU, AKAS, AKAS, AYDN, CAME, KNIK, DNZT, TAVA, AKUM, AKUM, GOLH, GOLH.

NOU 20 22:52:02.9, 1.8, 34.05N, 25.63E, h0km, mb3.7/9, mbmp3.7/13, ML3.4/4, MS2.9/1, Error ellipse: s-maj=35.9km s-min=18.9km az=25.0

ISC 20 22:53:06.1, 1.2, 34.2N, 0.2, 25.7E, 0.1, h17km, n22, s=109/23, mb3.7/9, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like IDI, EIL, MOA, KBZ, LES, AKAS, WTTA, WATA, SOTA, FETA, MOTA.

1322

Main table of station data for the 1322 period, including stations like KIRA, SULTU, KORT, KORT, GAZI, GAZI, CSS, CSS, OFRI, KZIT, KZIT, SLTI, AMAZ, AMAZ, MMCT, MMAIL, MMAIL, SALP, SALP, MMLI, YTRF, YTRF, GEM, GEM, RMNI, RMNI, NATI, NATI, HMDT, HMDT, DSI, DSI, KESH, KESH, KRAM, KRAM, KRMI, KRMI, MSBI, MSBI, BRTR, BRTR, PRNI, PRNI, ZFRI, ZFRI, GHAJ, GHAJ, HRFI, HRFI, EIL, EIL, EIL, EIL, VAE, VAE, VAE, VAE, MAE, MAE, MAE, MAE, KBZ, KBZ, AKASG, AKASG, GERES, GERES, DAVOX, DAVOX, ESDC, ESDC, HFS, HFS, FINES, FINES, NOA, NOA, EKA, EKA, TORD, TORD, KURBB, KURBB, MKAR, MKAR, SPITS, SPITS, ZALV, ZALV, TSMU, TSMU, YKA, YKA.

20d 23h

Table with columns for station name, frequency, power, and signal quality. Includes stations like MTSE Matsula, VSU Vasula, LIS Lisbon, etc.

2020 MAY

Table with columns for station name, frequency, power, and signal quality. Includes stations like DBS Dublin, NEWG New Galloway, NC602 NORSAR Array S, etc.

1328

Table with columns for station name, frequency, power, and signal quality. Includes stations like ATD Arta Tunnel, MORB Moi Rana, LEIR Leirfjordur, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like ARCES ARCESS Array B, LODK Lodwar, KEV Kevo, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like AAK Ala-Archa, UCH Uchtor, CHMS Chumysh, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, SUNC Summit, etc.

20d 23h

Table with columns for station ID, name, frequency, and various signal quality metrics (S, P, I, etc.). Includes stations like H31M, SMTB G26K, G26K, F22K, PRPB H29M, GRNR, E19K, FFC, SDBA E18K, WRGLY, KCSI, F21K, F21K, X58A, G25K, G25K, Q51A, W57A, H27K, ULM, R4M, MDJ, MDJ, MDJ, MDJ, G24K, G24K, G22K, E17K, F20K, F20K, E38A, G23K, G23K, G40A, I30M, I30M, N47A, F19K, O48B, V55A, I29M, I29M, G21K, G21K, I28M, F18K, F18K, I27K, I27K, K43A, L44A, KMSC, Y57A, G51A, GSI, GSI, J30M, J30M, H24K, H24K, QIZ, QIZ, QIZ, QIZ, QIZ.

2020 MAY

Table with columns for station ID, name, frequency, and various signal quality metrics (S, P, I, etc.). Includes stations like QIZ, QIZ, J50A, J50A, G19K, G19K, BSFB I26K, I26K, H23K, H23K, PRP, PRP, RIB01, H22K, H22K, PSI, PSI, PSI, SJBMB, RPSI, RPSI, G18K, G18K, J29N, J29N, AGMN, AGMN, I40A, H21K, H21K, F15K, F15K, F15K, TNA, TNA, M44A, SFIN, TZTN, TZTN, R49A, V53A, F14K, F14K, F14K, POKR, POKR, H20K, H20K, H19K, USRK, G17K, G17K, I23K, I23K, I23K, SPMN, G16K, G16K, JFWS, JFWS, JFWS, JFWS, MAYO, K29M, K29M, DAWY, DAWY, I21K, I21K, I21K, COLA, COLA, COLA, COLA, ILAR, ILAR, ILAR, MLY, MLY, MLY, MLY, MLY, J25K, J25K, J25K, PSTR, P46A, P46A, L42A, L42A, H18K, H18K, T50A, T50A, G15K, G15K, G15K.

1332

Table with columns for station ID, name, frequency, and various signal quality metrics (S, P, I, etc.). Includes stations like ALF01, TKL, TKL, NEA2, NEA2, H17K, H17K, HDA, HDA, HDA, VLA, VLA, VLA, WCI, I20K, TGTN, TGTN, GCSA, GCSA, SCRK, SCRK, ANM, ANM, ANM, H16K, H16K, L29M, L29M, SDDR, SDDR, SDDR, SDDR, INCN, INCN, INCN, INCN, W52A, KOTAN, DIAM, HDIL, HDIL, SSE, SSE, SSE, SSE, SSE, RIDG, RIDG, RIDG, DOT, K24K, I37A, MNSI, BPAW, BPAW, M31M, M31M, M30M, M30M, M30M, J20K, J20K, J20K, GAMB, U49A, BCAR, L27K, L27K, L27K, MCK, CHUM, CHUM, BOAV, BOAV, BOAV, J19K, J19K, ITTB, M29M, M29M, L26K, L26K, I17K, I17K, I17K, KS19, KS19, RND, RND, RND, KSAR.

20d 23h

Table with columns for call sign, frequency, mode, and other details. Includes entries like PET 85.00 24 P Iamb, K30B 85.04 320 IAMS_20 IAMS_20, and others.

2020 MAY

Table with columns for call sign, frequency, mode, and other details. Includes entries like Q17Q 86.88 345 P S, 143A 86.94 308 IAMS_20 IAMS_20, and others.

1334

Table with columns for call sign, frequency, mode, and other details. Includes entries like PTLB 90.38 251 eP P, AHID 90.61 326 P P, and others.

Table with columns: TUC, Tucson, 98.65 320, IAMS_20, IAMS_20, 00 41 29.4, etc. Includes stations like TUC, MCMC, LRM, etc.

FUNV 21 00:05:41.4, 13:64N-60:79W, h5km, MW3.8, Presumed earthquake

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res. Includes stations like MCLT, SLAC, etc.

IDC 21 00:28:43.7, 2.1, 29:38S-176:72W, h0km, mb3.7/2, mbmp3.5/4, ML3.0/1, Error ellipse: s-maj=136.6km s-min=30.1km

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

KRSC 21 00:33:18.5:2.1, 54:17N-169:18E, h59km, 5.3km, M14.0, Komandorsky Islands region

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res. Includes stations like KBTR, MKZ, SPN, etc.

Table with columns: KRXX, KOK, RUS, etc. Includes stations like Koryaka, Ruskaya, Ganaly, etc.

IDC 21 00:33:35.8:1.7, 18:86N-64:74W, h0km, mb3.4/3, mbmp3.5/4, ML3.0/1, Error ellipse: s-maj=29.3km

TRN 21 00:33:36.6, 18:95N-64:49W, h58km, MD4.4, North-west of Anegada, V.I.

RSRPR 21 00:33:38.2:3.1, 19:48N-65:12W, h20km, 999km, MD4.1, ML3.4, MW3.6, Presumed earthquake Hypocentre not reviewed by the ISC

NEIC 21 00:33:39.2:1.1, 18:78N-0:07:64:58W, 0:03, h27km, 5km, mb4.2/8, ML3.8/5.1, MD3.9/17(RSPR), Error ellipse: s-maj=10.0km s-min=3.8km az=176.0

ISC 21 00:33:38.0:1.6, 18:80N-0:06:64:60W, 0:03, h26km, 12km, n81, c1979/113, mb3.8/6, 16C-2D, Virgin Islands

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res. Includes stations like CUPR, HUMP, etc.

SABA Saba 1.74 132 eP Pn 00 34 07.5 +0.9

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

AGPR Aguadilla, PR 2.40 263j eP Pn 00 34 17.1 +1.4

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res. Includes stations like AGPR, LSP, etc.

Table with columns: HIDR, Higuey Centro, 3.91 268 ePg IAML, etc. Includes stations like HIDR, MMLZ, etc.

H05N1 Guadeloupe-1ar 4.19 126 Pn Pn 00 34 42.1 +1.8

H05N1 Barre de l'ile 4.25 131 Pn Sn Pn 00 35 25.6 -2.7

MAGL comp=E,193nm,1.6s IAML 00 36 31.1

MAGL Barre de l'ile 4.25 131 eP Sn Pn 00 34 40.8 -0.3

SMDR Samana, DR 4.37 277 eSg Pn 00 35 33.6

DWS Wesley 4.50 135 eP Pn 00 34 44.2 -0.2

DWS Salisbury 4.52 137 eP Sn Pn 00 35 34.8 -1.2

HATOM Hato Mayor del 4.53 271 ePg eSg IAML 00 35 45.7

HATOM comp=E,22nm,0.8s IAML 00 36 08.6

SVN Savane Anatole 5.13 140 eP Pn 00 34 54.0 +0.8

FDPM Morne la Rose 5.21 140 Pn IAML 00 34 55.6 +2.1

BIM Bigot 5.44 141 Pn Pn 00 34 57.6 +0.1

SBI Saint Lucia, B 5.89 143 eS Sn Pn 00 35 03.5 -0.1

SDDR Presa de Saban 6.33 273 eP Sn Pn 00 35 11.1 +3.3

SDDR Presa de Saban 6.33 273 eS Iamb Iamb 00 35 11.6 +1.8

SDDR comp=E,33nm,0.7s IAML 00 36 41.0

SDDR Presa de Saban 6.33 273 IAML Iamb 00 36 32.0

SDDR comp=N,20nm,1.0s IAML 00 36 32.0

SVB Belmont 6.37 149 eP Pn 00 35 10.8 +0.6

GRTK Grand Turk 6.70 295 eP Sn Pn 00 36 19.9 -2.3

GRTK comp=E,41nm,0.4s Iamb Iamb 00 36 25.8

GRTK comp=E,246nm,0.1s Iamb Iamb 00 36 28.9

GRGR Grenville 7.21 156 eP Pn 00 35 23.4 +1.6

TRN Trinidad (W) 8.67 159 eP Pn 00 35 43.7 +1.9

MASC Masc 9.19 280 eP Pn 00 35 46.4 -2.5

MASC comp=N,17nm,1.0s Iamb Iamb 00 37 38.5

MASC comp=E,27nm,0.2s Iamb Iamb 00 37 38.5

QMBU Quimboelo 9.73 280 eP Pn 00 35 53.7 -2.7

SDV Santo Domingo 11.46 212 Pn Pn 00 36 21.6 +1.3

SDV comp=N,1.1nm,0.3s, baz=59, slow=9.3, SNR=6.0 Sn Sn 00 38 22.8 -4.9

SDV comp=N,1.0nm,0.3s Iamb Iamb 00 36 20.7 +0.5

BOAV Boa Vista 11.46 212 Pn Pn 00 37 31.6 +0.1

Y58A Scranton 20.18 321 P P 00 38 11.3 +0.7

HODGE Hodges 21.99 318 P P 00 38 31.0 +0.8

R58B Mineral 22.34 331 P P 00 38 34.4 +0.5

R58B comp=N,1.0nm,0.3s Iamb Iamb 00 38 51.4

OTAV Otavalo 22.92 218 P P 00 38 40.2 -0.4

OTAV comp=N,5.8nm,1.0s Iamb Iamb 00 38 56.3

Q52A Bidwell 25.27 326 P P 00 39 03.6 +1.4

Q52A comp=N,2.8nm,0.7s Iamb Iamb 00 39 28.4

TXAR Lajitas Array 37.03 294 P P 00 40 45.0 -0.9

TXAR comp=N,2.0nm,0.6s, baz=97, slow=11, SNR=4.8 Iamb Iamb 00 40 45.0 -0.9

TXAR Lajitas Array 37.03 294 P P 00 40 44.8 -1.2

PDAR Pinedale Array 44.74 312 P P 00 41 49.0 -0.5

YKA Yellowknife Ar 55.50 334 P P 00 43 13.2 +2.7

YKA comp=N,0.2nm,0.6s, baz=126, slow=7.2, SNR=3.7 Iamb Iamb 00 43 13.2 +2.7

CATAC 21 01:05:33.8:0.5, 13°N:3°9'0W, h19km, 2km, M2.9/15, MLV2.9/15, Error ellipse: s-maj=6.0km s-min=3.4km

SNET 21 01:05:34.0:0.3, 13:30N-89:87W, h31km, 2km, M2.9, Presumed earthquake

GCG 21 01:05:35.6:1.3, 13:38N-89:89W, h46km, 22km, MD3.9, Presumed earthquake

ISC 21 01:05:36.3:1.6, 13:36N-0:06:89:84W, 0:04, h28km, 11km, n34, c084/52, El Salvador

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res. Includes stations like JAYA, CEVE, etc.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res. Includes stations like FAME, NUBE, etc.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res. Includes stations like CEDA, PMON, etc.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res. Includes stations like ITCA, LOAL, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2d 2h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MTO3, LLGN, PSNO, etc.

IDC 21 01:19:10.7:48.0,23:38S:176:05W,h0km,mb4.0/3, mbtmp4.0/3,MS3.7/4, Error ellipse: s-maj=894.0km s-min=175.3km az=87.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include STKA, ASAR, WRA, DAV, CMAR, INK.

IDC 21 01:41:46.7:1.0,34:88N:25:83E,h0km,mb3.7/9, mbtmp3.7/16,ML3.2/7, Error ellipse: s-maj=21.2km s-min=9.0km az=14.0

AFAD 21 01:41:47.9,34:67N:26:06E,h8km,5km,ML3.1 ISK 21 01:41:47.8,34:91N:25:77E,h5km,ML3.5/10 ATH 21 01:41:49.5,34:85N:25:84E,h9km,2km,ML3.5/16

Latitude uncertainty: 2 km; Longitude uncertainty: 1 km THE 21 01:41:49.9,35:14N:2:6E,h6km,5km,ML3.9/9,MLH3.3/9 Gll 21 01:41:50.0,0.0,34:67N:0:00E,25:80E:0:001,h0km

ISC 21 01:41:47.3:1.3,34:74N:0:00S:25:82E:0:02,h8km,8km,n137,s183/178,mb3.6/8,Crete

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ZKR, KZR, NPS, etc.

MULA Mulia 3.23 38 P Pn 01 42 39.7 +1.4 IZZE Mulia-Seydika 3.25 58 P Pn 01 42 40.0 +1.5 IZZE Mulia-Dalaman 3.30 50 S Pn 01 42 41.2 +2.0

SABU Mulia 3.30 50 S Pn 01 42 41.2 +2.0 SABU Kas 3.43 63 P S Pn 01 42 43.0 +1.9 AKAS 3.43 63 P S Pn 01 42 43.9 +1.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KARY, MET6, MET4, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PYL, VILL, ITM, etc.

IDC 21 01:59:56.7:1.6,34:09N:25:66E,h0km,mb3.3/5, mbtmp3.3/6,ML4.3/1, Error ellipse: s-maj=47.2km s-min=24.6km az=151.0

ATH 21 01:59:57.4:1.4,34:09N:25:70E,h10km,ML2.9/6, Latitude uncertainty: 8 km; Longitude uncertainty: 7 km

THE 21 01:59:59.0,34:18N:2:6E,h11km,M2.6/4,MLH2.6/4 ISC 21 01:59:59.3:1.1,34:15N:0:02S:25:64E:0:08,h17km,n17, s=075/21,mb3.3/4,Crete

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LKR, ATAL, AOS, etc.

IDC 21 01:59:56.7:1.6,34:09N:25:66E,h0km,mb3.3/5, mbtmp3.3/6,ML4.3/1, Error ellipse: s-maj=47.2km s-min=24.6km az=151.0

ATH 21 01:59:57.4:1.4,34:09N:25:70E,h10km,ML2.9/6, Latitude uncertainty: 8 km; Longitude uncertainty: 7 km

THE 21 01:59:59.0,34:18N:2:6E,h11km,M2.6/4,MLH2.6/4 ISC 21 01:59:59.3:1.1,34:15N:0:02S:25:64E:0:08,h17km,n17, s=075/21,mb3.3/4,Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ZKR, KZR, NPS, etc.

0.4nm,0.5s,baz=279,slow=7.0,SNR=5.3 0.4nm,0.5s Yellowknife Ar 78.53 342 P P 02 11 59.3 0.0

NOU 21 02:07:37.0,42:51'S:172:56'E,h7km,MLV3.5/10, South Island, New Zealand WEL 21 02:07:37.2:0.4,42:52'S:173:3E,h5km,2km,M3.1/10, ML3.0/10,MLV3.1/10, Error ellipse: s-maj=3.0km s-min=2.6km az=81.7

ISC 21 02:07:37.5:0.9,42:49'S:0:02x172:59'E:0:02,h12km,n7km,n99,r125/109,South Island

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include HSES, WIGC, CULC, etc.

SJA 21 02:10:02.7:0.7,22:06'S:65:92'W,h291km,5km,ML3.8, MVJ6

IDC 21 02:10:09.5:8.5,21:50'S:65:50'W,h289km,58km,mb3.2/1, mbtmp3.7/3, Error ellipse: s-maj=125.7km s-min=43.6km az=24.0

ISC 21 02:10:04.2:1.0,22:03'S:0:05x66:02'W:0:05,h262km,n21, s=194/37,Jujuy Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include YJA, HJA, SALTA, etc.

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

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

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

GUC 21 03:43:19.6:0.7,41.75S:74.06W,h40km,2km,ML4.1
NEIC 21 03:43:20.5:1.6,41.69S:0.04:74.05W:0.08,h35km,2km,
mb4.4/11,ML3.9(GUC),Error ellipse: s-maj=10.3km
s-min=6.7km,az=110.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Bias, Elevation Bias, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation.

21d 3h

Table with columns: AYSN, Puerto Aysn, 3.80 165 eP, Pn, 03 44 19.1 +2.7, etc.

IDC 21 03:50:09.2+1.2, 177.58S:178.62W, h492km, 1.0km, mb4.2/21, mbtmp.0.5/22, Error ellipse: s-maj=11.0km

NEIC 21 03:50:09.1+1.2, 177.60S:178.48W, 0.07, h486km, 6km, mb4.6/358, Error ellipse: s-maj=13.5km

NOU 21 03:50:11.2, 177.43S:178.65W, h515km, mb4.9/41, Fiji Islands Region

ISC 21 03:50:09.7+0.3, 176.45S:178.52W, 0.05, h500km, n758, o159/558, mb4.6/206, 21C-19D, Fiji Islands Region

Main table with columns: Code, Station Name, Az, Op, Phase ID, Time, Reg, Res, ISC, h, m, s, ISC, etc.

2020 MAY

Main table with columns: TCW, Tony Channel, 24 29 193 P, P, 03 54 47.3 +0.5, etc.

Main table with columns: KSR5, Korea Array, 74.43 318 P, P, 04 00 56.9 +0.5, etc.

1340

1341

Table with columns: ID, Name, Comp, Z, SNR, M, P, S, T, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes entries like M16K Timber Creek, O19K Port Aworth, K05A Summer Lake, etc.

2020 MAY

Table with columns: ID, Name, Comp, Z, SNR, M, P, S, T, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes entries like S31K Pelican, KLU Klutina, G15K Niukuk, etc.

21d 3h

Table with columns: ID, Name, Comp, Z, SNR, M, P, S, T, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes entries like G19K Purcell Mounta, MLY Manley, BVCCY Beaver Creek, etc.

21d 4h

2020 MAY

1342

Table with columns: I26K, Coal Creek Min, 86.94, 14, Iamb, Iamb, 04 02 00.4, etc.

Table with columns: C27K, Jago River, 90.45, 12, P, P, 04 02 16.0 -0.9, etc.

Table with columns: RONA Rosalia, Austr, 147.65, 341, i PKP, PKPdf, 04 08 57.6 +3.4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PHC, BAIB, BBB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HUIG, HUAT, CARR, etc.

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

IDC 21 04:23:55.6.3.9.36:30N.70.89E, h196km, 34km, mb3.4/8, mbtmp4.0/12, Error ellipse: s-maj=30.0km s-min=18.5km sz=39.0

ISC 21 04:23:56.5.1.0.36:4N.0.1.70.8E.0.1, h200km, n22, c158Z/25, mb3.6/6, 1C-3D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UCH, EKS2, KK31, etc.

ISC 21 04:28:52.9.1.9.15:67N.0.0.94.75W.0.0, h26km, 5km, mb4.9/440, Mw4.9/20, Mds.0/158(MEX), Error ellipse: s-maj=5.7km s-min=5.1km az=171.0

ISC 21 04:28:55.5.15.63N.0.0.94.89W.0.0, h27km, 6km, n78Z, c158Z/25, mb4.8/213, MS3.9/47, 11C-20D, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMIG, TGIG, HUIG, etc.

ISC 21 04:28:55.5.15.63N.0.0.94.82W.0.0, h26km, 1km, Mw4.9/87, Moment Tensor Solution, s35.043, s87.0134, Duration: 0, Moment tensor: Scale 10^16Nm; Mir=0.35; 12; Mir=1.82; 09; Mss=2.18; 09; Mm=0.18; 17; Mm=1.95; 08; Mm=0.22; 16; Best double couple: M2.81000x10^16 Np1=113.00000, s84.00000, l-177.00000. NP2: s2.300000, s87.00000, l-6.00000. Principal axes: T 2.9780, Plg2.0000, Azm68.0000; N -0.3320, Plg83.0000, Azm178.0000; P -2.6410, Plg6.0000, Azm338.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 21 04:28:55.1.3.0.9.15:45N.0.0.94.89W.0.0, h27km, 6km, n78Z, c158Z/25, mb4.8/213, MS3.9/47, 11C-20D, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMIG, TGIG, HUIG, etc.

GCG 21 04:28:47.4.2.1.15:37N.95.23W, h31km, 247km, MD5.5, ML5.6, Presumed earthquake

IDC 21 04:28:48.7.0.8.1.74N.94.44W, h0km, mb4.3/17, mbtmp4.4/18, ML4.8/1, MS3.9/49, Error ellipse: s-maj=31.5km s-min=12.4km az=61.0

CATAC 21 04:28:51.6.0.7.16.1N.3.9.5W.1.4, h33km, M5.2/20, mb5.6/14, mb5.5/14, MLv5.5/20, Mw(mb)5.0/14, MwMwp4.6/1, Mwps0.0/1, Error ellipse: s-maj=12.3km s-min=5.7km az=66.4, Moment Tensor Solution, Moment tensor: Scale 10^19Nm; Mir=0.24; Mss=1.42; Mm=1.66;

ISC 21 04:28:52.9.1.9.15:67N.0.0.94.75W.0.0, h26km, 5km, mb4.9/440, Mw4.9/20, Mds.0/158(MEX), Error ellipse: s-maj=5.7km s-min=5.1km az=171.0

ISC 21 04:28:55.5.15.63N.0.0.94.89W.0.0, h27km, 6km, n78Z, c158Z/25, mb4.8/213, MS3.9/47, 11C-20D, Near coast of Oaxaca

ISC 21 04:28:55.1.3.0.9.15:45N.0.0.94.89W.0.0, h27km, 6km, n78Z, c158Z/25, mb4.8/213, MS3.9/47, 11C-20D, Near coast of Oaxaca

ISC 21 04:28:55.5.15.63N.0.0.94.82W.0.0, h26km, 1km, Mw4.9/87, Moment Tensor Solution, s35.043, s87.0134, Duration: 0, Moment tensor: Scale 10^16Nm; Mir=0.35; 12; Mir=1.82; 09; Mss=2.18; 09; Mm=0.18; 17; Mm=1.95; 08; Mm=0.22; 16; Best double couple: M2.81000x10^16 Np1=113.00000, s84.00000, l-177.00000. NP2: s2.300000, s87.00000, l-6.00000. Principal axes: T 2.9780, Plg2.0000, Azm68.0000; N -0.3320, Plg83.0000, Azm178.0000; P -2.6410, Plg6.0000, Azm338.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 21 04:28:55.1.3.0.9.15:45N.0.0.94.89W.0.0, h27km, 6km, n78Z, c158Z/25, mb4.8/213, MS3.9/47, 11C-20D, Near coast of Oaxaca

ISC 21 04:28:55.1.3.0.9.15:45N.0.0.94.89W.0.0, h27km, 6km, n78Z, c158Z/25, mb4.8/213, MS3.9/47, 11C-20D, Near coast of Oaxaca

21d 4h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like RPVG Rio Verde, CRIN San Cristobal, HERN Volcan Telica, etc.

2020 MAY

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TUC Tucson, OTAV Otavalo, TULM Tulon-Chalpat, etc.

1344

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NVAR Mina Array Bay, LCHR Little Hooton, ECV Eagle Creek, etc.

1345

N30M	Aishkik Lake	54.88 337	I	Amb	I	Amb	04 38 49.2
N30M	Aishkik Lake	54.88 337	P	P	P	P	04 38 19.8 +0.6
YUK6	Outpost MOUNTA	55.06 336	P	P	P	P	04 38 28.0 0.0
CPUP	Villa Florida	55.30 138	P	P	P	P	04 38 28.9 +6.2
CPUP	Villa Florida	55.30 138	LR	LR	LR	LR	05 02 03.4
CPUP	Villa Florida	55.30 138	A	I	Amb	I	04 39 14.2
CPUP	Villa Florida	55.30 138	eP	P	P	P	04 38 22.6 -0.1
PINM	Pinnacle	55.35 334	P	P	P	P	04 38 22.3 -0.3
YUK4	Talbot Arm	55.41 336	P	P	P	P	04 38 23.2 -0.1
M30M	Minto, Yukon	55.46 338	I	Amb	I	Amb	04 38 44.3
M30M	Minto, Yukon	55.46 338	P	P	P	P	04 38 24.2 +0.8
BRWY	Burwash Landin	55.58 336	P	P	P	P	04 38 25.1 +0.8
BDFB	Brasilia	55.66 122	P	P	P	P	04 38 26.0 +0.4
BDFB	Brasilia	55.66 122	LR	LR	LR	LR	05 02 48.3
BDFB	Brasilia	55.66 122	I	Amb	I	Amb	04 38 30.6
O28M	Mount Upton	55.70 335	P	P	P	P	04 38 25.6 +0.2
YUK8	Steele Glacier	55.82 336	P	P	P	P	04 38 27.1 +0.8
M29M	Somme Creek	56.00 337	I	Amb	I	Amb	04 38 42.6
M29M	Somme Creek	56.00 337	P	P	P	P	04 38 27.8 +0.5
L29M	L29M	56.28 338	I	Amb	I	Amb	04 38 49.5
L29M	L29M	56.28 338	P	P	P	P	04 38 29.7 +0.4
YUK3	Moose Creek	56.37 336	P	P	P	P	04 38 30.0 -0.2
NBPS	Pedro I - PI	56.46 106	eP	P	P	P	04 38 28.0 -3.3
K29M	Barlow Dome	56.51 339	I	Amb	I	Amb	04 38 53.6
K29M	Barlow Dome	56.51 339	P	P	P	P	04 38 31.8 +0.7
J30M	Hart River	56.58 340	P	P	P	P	04 38 31.9 +0.4
SDBA	SAO DESIDERIO	56.69 116	eP	P	P	P	04 38 32.6 -0.3
IPMB	ipameri, GO	56.74 124	eP	P	P	P	04 38 33.8 +0.6
H31M	Peel River	56.77 342	P	P	P	P	04 38 33.0 +0.3
BVCY	Beaver Creek	56.89 336	P	P	P	P	04 38 33.9 +0.3
CRQE	Circue	56.89 334	P	P	P	P	04 38 34.4 +0.6
C36M	Paulatuk	56.90 348	P	P	P	P	04 38 33.6 +0.1
I30M	Mount Dempster	57.01 341	I	Amb	I	Amb	04 39 04.7
I30M	Mount Dempster	57.01 341	P	P	P	P	04 38 34.6 +0.1
KAIM	Kayak Island	57.05 333	P	P	P	P	04 38 34.3 -0.5
MCARA	McCarthy VSAT	57.19 335	I	Amb	I	Amb	04 38 54.5
MCARA	McCarthy VSAT	57.19 335	P	P	P	P	04 38 35.2 -0.5
M27K	Edge Creek, AK	57.25 336	P	P	P	P	04 38 35.6 -0.7
VRDI	Verde Repeater	57.29 334	I	Amb	I	Amb	04 38 58.7
DAWY	Dawson	57.30 339	P	P	P	P	04 38 36.1 -0.5
HATHI	Halema'uma'u T	57.49 283	P	P	P	P	04 38 40.3 +1.7
G31M	Satah River	57.51 343	P	P	P	P	04 38 36.7 -1.2
GLB	Gilahlia Butte	57.55 335	I	Amb	I	Amb	04 38 53.2
BCAR	Beaver Creek AK	57.61 337	P	P	P	P	04 38 38.9 +0.2
L27K	Beaver Creek	57.62 337	P	P	P	P	04 38 37.6 -1.1
BMRM	Bremner River	57.64 334	P	P	P	P	04 38 38.5 -0.5
M26K	Nabesna, AK	57.72 336	I	Amb	I	Amb	04 39 01.7
M26K	Nabesna, AK	57.72 336	P	P	P	P	04 38 39.0 -0.5
F31M	Tsigheitchik	57.73 343	I	Amb	I	Amb	04 38 54.7
F31M	Tsigheitchik	57.73 343	P	P	P	P	04 38 38.7 -0.6
I29M	Ogilvie Camp,	57.73 340	I	Amb	I	Amb	04 39 17.1
I29M	Ogilvie Camp,	57.73 340	P	P	P	P	04 38 39.2 -0.3
PTGB	Pitanga	57.78 133	eP	P	P	P	04 38 40.6 +0.1
EPYK	Eagle Plains	57.87 341	P	P	P	P	04 38 39.9 -0.6
EYAK	Cordova Ski Ar	57.93 333	P	P	P	P	04 38 40.0 -0.9
G30M	!Aoh Zraii Nji	58.12 342	P	P	P	P	04 38 40.8 -1.4
L26K	Log Cabin Wild	58.18 336	P	P	P	P	04 38 42.7 0.0
BB19B	Bededou	58.20 127	eP	P	P	P	04 38 43.9 +0.4
K27K	Chicken	58.25 338	I	Amb	I	Amb	04 39 02.8
INK	Inuvik	58.28 344	LR	LR	LR	LR	05 06 14.8
INK	Inuvik	58.28 344	I	Amb	I	Amb	04 38 56.5
INK	Inuvik	58.28 344	P	P	P	P	04 38 42.8 -0.4
H29M	Whitestone	58.28 341	I	Amb	I	Amb	04 39 04.1
H29M	Whitestone	58.28 341	P	P	P	P	04 38 43.1 -0.2
I28M	Mliner Creek	58.32 340	P	P	P	P	04 38 43.4 -0.3
F30M	Barrier River	58.42 343	P	P	P	P	04 38 43.7 -0.6
JANB	Januarua	58.45 119	eP	P	P	P	04 38 45.3 0.0
KLU	Klutina	58.45 334	I	Amb	I	Amb	04 39 05.0
KLU	Klutina	58.45 334	P	P	P	P	04 38 44.1 -0.6
PMNB	Patos De Minas	58.46 124	eP	P	P	P	04 38 45.9 +0.6
PSAL	Palomas, Salto	58.51 142	eP	P	P	P	04 38 46.2 +0.8
HARP	HAARP	58.58 335	P	P	P	P	04 38 45.0 -0.4
G29M	Pine Creek	58.62 342	I	Amb	I	Amb	04 39 00.3
G29M	Pine Creek	58.62 342	P	P	P	P	04 38 45.8 +0.1
FRTB	Fartura	58.74 130	eP	P	P	P	04 38 48.4 +1.2
DOT	Dot Lake	58.79 337	I	Amb	I	Amb	04 39 07.8
SCRK	Sand Creek	58.93 337	I	Amb	I	Amb	04 39 09.6
SCRK	Sand Creek	58.93 337	P	P	P	P	04 38 47.3 -0.7
I27K	Kandik River	58.98 339	P	P	P	P	04 38 48.4 +0.1
PAX	Paxson	58.99 336	I	Amb	I	Amb	04 39 02.5
PAX	Paxson	58.99 336	P	P	P	P	04 38 48.3 -0.1
SFJD	Kangerlussuaq	59.02 19	LR	LR	LR	LR	05 04 51.0
RIDG	Independent IR	59.13 337	P	P	P	P	04 38 49.2 -0.1
SCM	Sheep Creek Mo	59.21 334	P	P	P	P	04 38 50.2 +0.3
RES	Resolute Bay	59.24 360	LR	LR	LR	LR	05 07 35.5
RES	Resolute Bay	59.24 360	I	Amb	I	Amb	04 38 53.8
A36M	Sachs Harbour	59.31 349	P	P	P	P	04 38 50.2 -0.1
H27K	Stamboot Moun	59.31 340	P	P	P	P	04 38 50.4 -0.2
I26K	Coal Creek Min	59.34 339	P	P	P	P	04 38 50.4 -0.3

2020 MAY

K24K	Donnelly Dome	59.52 336	P	P	P	P	04 38 52.3 +0.3
E29M	Blow River	59.53 343	I	Amb	I	Amb	04 39 13.1
E29M	Blow River	59.53 343	P	P	P	P	04 38 52.0 +0.1
F28M	Old Crow	59.62 342	P	P	P	P	04 38 52.8 +0.2
SML	Sawmill	59.62 334	P	P	P	P	04 38 53.3 +0.6
O22K	Cooper Landing	59.67 332	P	P	P	P	04 38 53.2 +0.2
G27K	Doyon Strip	59.69 340	I	Amb	I	Amb	04 39 20.4
G27K	Doyon Strip	59.69 340	P	P	P	P	04 38 53.1 0.0
WAT6	Susitna Watana	59.72 335	P	P	P	P	04 38 53.5 -0.1
J25K	Salcha River	59.78 337	I	Amb	I	Amb	04 39 14.5
J25K	Salcha River	59.78 337	P	P	P	P	04 38 53.6 -0.2
GHO	Glory Hole Cre	59.86 334	I	Amb	I	Amb	04 39 08.7
PMR	Palmer	59.87 333	P	P	P	P	04 38 53.8 -0.5
KD4K	Kodiak Island	60.03 328	LR	LR	LR	LR	05 05 51.8
E28M	Etah River	60.13 343	I	Amb	I	Amb	04 39 16.0
E28M	Babbage River	60.13 343	P	P	P	P	04 38 55.9 -0.2
HDA	Harding Lake	60.27 337	I	Amb	I	Amb	04 39 10.7
HDA	Harding Lake	60.27 337	P	P	P	P	04 38 56.7 -0.3
PLCA	Paso Flores	60.29 159	P	P	P	P	04 38 59.0 +1.4
PLCA	Paso Flores	60.29 159	I	Amb	I	Amb	04 38 59.2 +1.6
PLCA	Paso Flores	60.29 159	eP	P	P	P	04 39 15.2
PLCA	Porcupine Dome	60.30 338	P	P	P	P	04 38 56.6 -0.9
IL31	Ilisar	60.42 337	I	Amb	I	Amb	04 39 27.0
ILAR	Eielson Array	60.42 337	P	P	P	P	04 38 58.1 0.0
ILAR	Eielson Array	60.42 337	LR	LR	LR	LR	05 07 12.4
ILAR	Eielson Array	60.42 337	I	Amb	I	Amb	04 38 58.0 -0.1
G26K	Porcupine River	60.47 340	I	Amb	I	Amb	04 39 18.4
G26K	Porcupine River	60.47 340	P	P	P	P	04 38 58.0 -0.3
SPB	Sao Paulo	60.48 129	eP	P	P	P	04 38 58.4 -0.7
E27K	Coleen River	60.48 342	P	P	P	P	04 38 58.4 -0.2
VAO	Valinhos	60.49 128	eP	P	P	P	04 38 58.9 -0.4
SAQQ	Saqqaq	60.57 16	i	P	P	P	04 39 05.0 +0.0
SAQQ	Saqqaq	60.57 16	I	Amb	I	Amb	04 39 07.9
DIAM	Diamantina, MG	60.58 122	eP	P	P	P	04 38 59.1 -1.0
CPBS	Cacapava Do Su	60.58 139	eP	P	P	P	04 38 58.8 -0.9
NIQA	Niaqornat	60.67 14	i	P	P	P	04 39 04.5 +5.2
NIQA	Niaqornat	60.67 14	I	Amb	I	Amb	04 39 09.3
MCK	McKinley	60.73 336	P	P	P	P	04 38 59.9 -0.3
WRH	Wood River Hill	60.73 337	I	Amb	I	Amb	04 39 52.9
D27M	Malcolm River	60.94 343	P	P	P	P	04 39 01.8 +0.1
L22K	Petersville	60.96 334	P	P	P	P	04 39 02.0 +0.1
NBPA	Nippon RN	60.97 106	eP	P	P	P	04 39 00.4 -2.3
BMAR	Burnt Mountain	60.99 340	P	P	P	P	04 39 02.1 +0.2
F23K	Sheenik River	60.99 341	P	P	P	P	04 39 02.0 0.0
PET01	Ilanhaem-SP	60.99 130	eP	P	P	P	04 39 03.4 +0.8
SPU	Mount Spurr	60.99 332	I	Amb	I	Amb	04 39 24.0
CHIR	Chirikof Island	61.02 326	P	P	P	P	04 39 02.6 +0.4
SPCR	Spurr Chakacha	61.07 332	P	P	P	P	04 39 02.3 -0.4
SKT	Skwentna	61.07 333	I	Amb	I	Amb	04 39 16.7
SKT	Skwentna	61.07 333	P	P	P	P	04 39 02.4 -0.2
BSCB	Born Succeso	61.09 125	eP	P	P	P	04 39 02.3 -1.1
G25K	Bearman Lake	61.14 339	P	P	P	P	04 39 02.7 -0.3
TRF	Thorofare Moun	61.15 335	P	P	P	P	04 39 03.2 -0.1
NEA2	Nenana	61.17 336	P	P	P	P	04 38 03.4 +0.2
SAATT	Saattut	61.18 15	i	P	P	P	04 39 06.1 +2.9
SAATT	Saattut	61.18 15	I	Amb	I	Amb	04 39 12.9
NUUG	Nuugaatsiq	61.30 14	i	P	P	P	04 39 06.6 +2.7
NUUG	Nuugaatsiq	61.30 14	I	Amb	I	Amb	04 39 15.2
H24K	Noodor Dome	61.30 338	I	Amb	I	Amb	04 39 25.7
H24K	Noodor Dome	61.30 338	P	P	P	P	04 39 04.3 +0.1
F25K	Christian River	61.42 340	I	Amb	I	Amb	04 39 25.2
F25K	Christian River	61.42 340	P	P	P	P	04 39 05.1 +0.2
KTH	Kantishna Hill	61.45 335	I	Amb	I	Amb	04 39 19.6
I23K	Minto, Yukon-K	61.53 337	P	P	P	P	04 39 05.4 -0.2
TRQ	Torquist	61.54 151	eP	P	P	P	04 39 05.8 -0.2
G24K	Hadweencic Riv	61.58 339	I	Amb	I	Amb	04 39 26.6
G24K	Hadweencic Riv	61.58 339	P	P	P	P	04 39 06.7 +0.8
E25K	Arctic Village	61.68 341	P	P	P	P	04 39 07.0 +0.4
BPAW	Bear Paw Mtn.	61.70 336	I	Amb	I	Amb	04 39 28.8
BPAW	Bear Paw Mtn.	61.70 336	P	P	P	P	04 39 06.4 -0.5
PPLA	Purkeypile	61.71 334	P	P	P	P	04 39 07.2 +0.1
M20K	Styx River	61.73 333	I	Amb	I	Amb	04 39 21.4
M20K	Styx River	61.73 333	P	P	P	P	04 39 07.4 +0.2
CAST	Castle Rocks	61.87 335	I	Amb	I	Amb	04 39 30.4
CAST	Castle Rocks	61.87 335	P	P	P	P	04 39 08.0 0.0
H23K	Yukon River	61.90 338	P	P	P	P	04 39 08.2 0.0
R17L	Mt. Peulik Vol	61.91 328	P	P	P	P	04 39 08.4 0.0
C27K	Jago River	61.95 343	I	Amb	I	Amb	04 39 29.5
C27K	Jago River	61.95 343	P	P</			

21c 5h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Rate, Elevation Rate, Azimuth Uncertainty Rate, Elevation Uncertainty Rate. Includes stations like D17K, F15K, BORG, etc.

2020 MAY

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Rate, Elevation Rate, Azimuth Uncertainty Rate, Elevation Uncertainty Rate. Includes stations like OBN, BELA, MKAR, etc.

GUC 21 05:35:52.4+0.7, 17:80S:69.62W, h153km, 3km, ML3.2
IDC 21 05:35:58.9+4.0, 16:95S:69.00W, h181km, 16km, mb3.1/3,
mbtbp3.6/4, ML3.5/2, MS3.4/2, Error ellipse: s-maj=93.5km s-min=-34.9km
bzs=18.0

ISC 21 05:35:52.4+1.0, 17:72S:69.60W+0.10, h157km, 7km,
n12, c090/21, 7C, Peru-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Rate, Elevation Rate, Azimuth Uncertainty Rate, Elevation Uncertainty Rate. Includes stations like PB18, AP01, etc.

ATH 21 05:39:49.8+2.6, 34.62N:20.01E, h15km, ML3.5/2,
Latitude uncertainty: 19 km; Longitude uncertainty: 11
km, Central Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Rate, Elevation Rate, Azimuth Uncertainty Rate, Elevation Uncertainty Rate. Includes stations like PYL, ANKY, etc.

SOME 21 05:47:31.3, 44.02N:84.83E, h10km
NIC 21 05:47:44.7+4.7, 43.93N:83.92E, h0km, mb2.8, mpv2.4,
Error ellipse: s-maj=45.7km s-min=22.1km z=122.0
ISC 21 05:47:25.8+5.2, 43.5N:02.85E:0.2, h10km, ns, c283/27,
2C-3D, Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Rate, Elevation Rate, Azimuth Uncertainty Rate, Elevation Uncertainty Rate. Includes stations like MK31, MAK2, etc.

1346

mb4.1/58, Md4.5/93(MEX), Error ellipse: s-maj=11.5km
s-min=7.2km az=192.0
CATAC 21 05:59:17.3+0.7, 16.7N:3.9S, h30km, 7km, M4.5/17,
mb4.8/10, mb4.8/6, ML4.6/17, Mw(mb)4.0/6, Error ellipse:
s-maj=6.3km s-min=3.3km az=32.0, Moment Tensor
Solution. Moment tensor: Scale 10^14Nm; Mrr:0.68;
Mtt:0.74; Mss:0.36; Mtr:0.71; Mtr:1.92; Mtr:1.92; Fault
plane solution: M=7.2199x10^14 Np1:126.45529;
s75.45976; l174.93630. NP2:217.72969; s85.09889;
l14.59478. Principal axes: T 7.0040, Pg13.76497,
Azmi2.9386; N 0.4142, Pg7.6212; Azmi235.8953; P
-7.4182, Pg3.7255; Azmi33.2832; confirmed

ISC 21 05:59:17.3+1.5, 15.44N:0.05:94.93W+0.02, h16km, 17km,
n149, c2918/199, mb4.1/7, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Rate, Elevation Rate, Azimuth Uncertainty Rate, Elevation Uncertainty Rate. Includes stations like HUIG, CMIG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLUG, PLIG, CAIG, CEVE, ESQI, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MMLI, GEM, YEM, etc.

ASRS 21 06:00:13.0, 1.6, 53.61N, 87.80E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AYDN, KNIK, ESEN, etc.

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

Table with columns: Station Name, Coordinates (comp, azimuth, speed), Time, and other data. Includes stations like ARCES, KK31, KKAR, BVAR, AAK, KSH2, KURB, KURK, MAKZ, MK31, MKAR, MKAR, MKAR, SPITS, ZA0, ZALV, ZALV, ZALV, NR1K, NR1K, NR1K, NR1K, TLY, SONM, SONM, ULN, POIN, POIN, TIXI, TIXI, SCHQ, SCHQ, ILON, CMAR, YAK, D62A, HEH, A36M, A36M, BILL, BILL, KLR, KLR, SEY, SEY, C36M, C36M, FCC, FCC, FCC, A21K, B22K, B22K, B22K, C26K, B20K, D28M, C27K, C23K, C23K, C24K, D27M, D27M, B21K, B21K, B21K, D25K, INK, INK, INK, INK, D24K, E28M

Table with columns: Station Name, Coordinates (comp, azimuth, speed), Time, and other data. Includes stations like E28M, E28M, C21K, E29M, E29M, D23K, D23K, USRK, C18K, D20K, TOLK, C17K, F31M, F31M, F31M, E27K, F30M, D19K, E21K, E21K, E21K, E25K, E20K, F28M, E24K, E22K, E23K, G31M, F26K, G30M, D17K, F25K, G29M, KSR5, KSR5, F24K, YKA, E18K, F22K, E19K, EPYK, G27K, G26K, E17K, F21K, F20K, H31M, H29M, G25K, G22K, F19K, G24K, G23K, H27K, F18K, G21K, WRGL, I30M, G19K, I29M, I27K, I28M, H24K, G18K, H22K, H23K, PRP, H21K, G17K, J30M, H10K, H20K, POKR, I23K, H18K, I21K, MLY, ILAR, J25K, H16K, ULM, I20K, DAWY, GCSA

Table with columns: Station Name, Coordinates (comp, azimuth, speed), Time, and other data. Includes stations like K29M, YSS, YSS, MAYO, HDA, MIMPY, SCRK, J20K, BPAW, K24K, RIDG, I17K, J19K, L29M, CHUM, MCK, M30M, L27K, M31M, TRF, J17K, CAST, L26K, J16K, K20K, M29M, DHY, BVYK, PPLA, M26K, WAT6, N32M, L22K, N30M, CUT, YUK3, M24K, YUK4, L19K, SKT, SCM, M23K, O30N, SML, L15K, YUK6, HYT, KNK, R33M, P32M, EYAK, CAPN, Q32M, P29M, MJAR, R32K, Q19K

SSNC Z1 09:32:02.0, 1.5, 19.69N, 76.46W, h3km, 5km, ML3.0, MW2.9, Presumed earthquake
JSN Z1 09:32:04.2, 1.6, 19.64N, 76.39W, h26km, 26km, MD3.7, Presumed earthquake
ISC Z1 09:31:59.1, 1.0, 19.66N, 0.02, 76.44W, 0.03, h16km, 9km, h24, 0587/51, SC-4D, Cuba region

Table with columns: Code, Station Name, Time, Res, and other data. Includes stations like CHIV, CHIV, CHIV, MARVS, MARVS, MARVS, LMGC, LMGC, LMGC, YAR, YAR, YAR, RCC, RCC, PINC, PINC, PINC, PINC, HLGC, HLGC, HLGC, GTTY, GTTY, BNJ, BNJ, BNJ, GWW, GWW

21d 11h

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like QSPA South Pole Qui, PNTR Pine Nut, WCT Wildcat Mounta, etc.

SNET 21 10:50:40.6±2.0, 14.05°N:91.58°W, h58km, ML3.7, Presumed earthquake
CATAC 21 10:50:41.2±0.7, 14.1°N:91.58°W, h30km, M4.0/1.0, ML4.0/1.0, Error ellipse: s-maj=14.0km s-min=6.2km az=56.9, confirmed
GCG 21 10:50:42.0±1.7, 14.11°N:91.49°W, h34km, M4.3, ML4.4, Presumed earthquake
IDC 21 10:50:43.1±2.0, 14.32°N:91.51°W, h83km, 15km, mb2.9/2, s-maj=1.4km az=22.0, Error ellipse: s-maj=26.2km s-min=1.4km az=22.0

Main station list table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like STG5 El Palmer, RTAL Retalhuleu, FQ8 Yecopaca, etc.

IDC 21 10:54:46.8±1.0, 27.29°N:140.07°E, h473km, 11km, mb3.4/16, mbtmp3.6/ML2.6/1, Error ellipse: s-maj=17.1km s-min=12.7km az=79.0
NEIC 21 10:54:47.1±1.4, 27.3°N:0.1°E, h472km, 9km, mb4.0/23, Error ellipse: s-maj=19.2km s-min=16.9km az=122.0
JMA 21 10:54:48.6±0.1, 28°N:14°E, h479km, MW3.7/25, W OFF OGASAWARA
ISC 21 10:54:49.0±0.6, 27.35°N:140.16°E, 0.09, h479km, n65, s-maj=16.2km, mb3.8/28, Bonin Islands region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like CBJ Chichi jima, JCH Haha-jima-NKT2, BSO1 Boso 1, etc.

2020 MAY

Main station list table for 2020 MAY with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like JAG Ashikaga, MJAR Matsushiro Arr, MAJO Matsushiro, etc.

IDC 21 11:07:09.4±1.6, 33.93°N:25.82°E, h0km, mb3.7/4, mbtmp3.5/6, ML2.6/1, Error ellipse: s-maj=41.6km s-min=24.4km az=153.0
ISC 21 11:07:13.1±1.4, 34.00°N:0.2°E, h26km, n6, c081/6, mb3.6/3, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like AKASG Malin Array Be, GERES GERES Array B, ESCD Sonsea Array, etc.

1356

Main station list table for 1356 with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like PANP Palmar Norte, SANJ San Jernim, SAJEC Cerro El Cedra, etc.

IDC 21 11:28:37.7±1.6, 34°02'N:26°08'E, h0km, mb3.4/4, mbtmp3.3/6, ML3.3/2, Error ellipse: s-maj=41.9km s-min=24.5km az=151.0
ISC 21 11:28:41.6±1.4, 34.1°N:0.2°E, h26km, n6, c087/6, mb3.2/3, Crete

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like AKASG Malin Array Be, GERES GERES Array B, ESCD Sonsea Array, etc.

HEL 21 11:29:33.4±0.2, 68°16'N:33°13'E, h0km, ML1.7, Suspected explosion
KOLA 21 11:29:34.3±0.8, 68°13'N:33°16'E, h0km, ML2.1, Error ellipse: s-maj=3.1km s-min=1.8km az=60.0, Olenegorsk City, Mines

IDC 21 11:29:36.2±1.9, 68°20'N:32°78'E, h0km, mbtmp3.4/3, ML2.3/3, Error ellipse: s-maj=21.2km s-min=11.0km az=71.0
ISC 21 11:29:33.0±0.8, 68°11'N:0°03'N:11E:03, h0km, n33, s-maj=16.5km, Baltic States-Belarus-Northernwestern Russia

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like APA0 Apatity Array, APA Apatity, LVZ Lovozero, etc.

1357

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KU6, MSF, KEV, etc.

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

2020 MAY

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

21d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like I42A, CCM, FCAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like I42A, CCM, FCAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like I42A, CCM, FCAR, etc.

21d 12h

2020 MAY

1358

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, CVNA, Calvina, 22.00 190, P, 13 02 29.5 +2.4, PAB, pmax, pmax. The table lists various stations and their associated data points across multiple columns.

Table with columns for station call signs (e.g., CKRC, KRUC, NIE), frequencies, and various signal quality metrics (e.g., S/N, SNR, SNR+8).

Table with columns for station call signs (e.g., MNK, MNSK, VNA1, VNA3), frequencies, and various signal quality metrics (e.g., S/N, SNR, SNR+8).

Table with columns for station call signs (e.g., MDOK, ARTI, SATY, SHLS, PDGK, BRZS, TDK, BRDH, BORK, KURB, MK31, MKAR, KURK, KURK, AQDB, APA, CPUP, ZSN, WMQ, WMQ, ARCES, CMAR, CMAR, CMAR, GHTO, QSPA, QSPA, MYKOM, PMSA, PTLB, TRQA, ZALV, ZALV, ZALV, LEM, JMIC, PZH, GA2, GA2, GA2), frequencies, and various signal quality metrics (e.g., S/N, SNR, SNR+8).

Main table containing station call signs, frequencies, and other technical details. Includes columns for call sign, frequency, power, and various status indicators.

21d 14h

2020 MAY

Table with columns for station name, frequency, power, and coordinates. Includes stations like ESDC Sonseca Array, VSU Vasula, and various other stations in the 21d 14h band.

Table with columns for station name, frequency, power, and coordinates. Includes stations like MKAR Makanchi Array, SPITS Spitsbergen Ar, and various other stations in the 2020 MAY band.

Table with columns for station name, frequency, power, and coordinates. Includes stations like C24K Franklin Bluff, D27M Malcom River, and various other stations in the 1362 band.

Table with columns: ID, Name, Magnitude, Date, Time, Location, and other details. Includes entries like 130M Mount Dempster, G19K Purcell Moun, I29M Ogilvie Camp, etc.

Table with columns: ID, Name, Magnitude, Date, Time, Location, and other details. Includes entries like N32M Quiet Lake, HARP HAARP, N31M Braeburn, etc.

Table with columns: ID, Name, Magnitude, Date, Time, Location, and other details. Includes entries like BRSE Bradley Lake S, R32K Eaglecrest, HOM Homer, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like BLY Banja Luka, MORH Mrgy, Hungary, etc.

SSNC 21 14:08:17.3±1.2, 19°76'N; 76°42'W, h2km±11km, MD3.8, ML3.1, MW3.7, Presumed earthquake

JSN 21 14:08:18.1±1.3, 19°61'N; 76°40'W, h4km±18km, MD4.3, Presumed earthquake

ISC 21 14:08:14.8±1.3, 19°75'N; 0°03'76°49'W, h20km±6km, 118, 09°127, Cuba region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like MARVS Santiago de Cu, YAR Yar, RCC Rio Carpinentero, etc.

21d 15h

SDDR Presa de Saban 4.97 98 i Pn 14 09 31.9 +3.4

NNC 21 14:13:20.9+0.7, 42.82N:77.93E, h0km, mb2.8, mpv3.0, Error ellipse: s-maj=6.2km s-min=2.5km az=172.0

SOME 21 14:13:21.8, 42.87N:77.88E, h10km

KRNET 21 14:13:22.0+1.1, 42.78N:77.90E, h30km, mb2.6

ISC 21 14:13:21.1+1.1, 42.82N:0.02:77.88E:0.02, h4km:2.5, n38, e156470, 17C-8D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time Res, Res ISC. Lists various seismic stations and their data points.

TAP 21 14:14:52.5, 24.70N:121.96E, h62km, ML3.8, B JMA 21 14:14:52.1+0.3, 24.72N:121.96E:0.5, h70km, 3km, MV2.4/10, TAIWAN REGION

ISC 21 14:14:51.9+1.2, 24.76N:0.02:121.99E:0.02, h69km:5km, n116, e1907/220, Taiwan

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time Res, Res ISC. Lists seismic stations for the Taiwan region.

2020 MAY

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time Res, Res ISC. Lists a large number of seismic stations and their data points.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time Res, Res ISC. Lists seismic stations for the 1364 event.

IDC 21 14:51:34.4+1.6, 34.04N:25.74E, h0km, mb3.7/5, mbmp3.6/6, ML4.4/1, Error ellipse: s-maj=44.5km s-min=27.2km az=147.0

ISC 21 14:51:35.8+1.4, 34.11N:0.2:25.8E:0.2, h10km, n6, e2910/6, mb3.5/4, Crete

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time Res, Res ISC. Lists seismic stations for the Crete event.

IDC 21 15:06:14.1+1.2, 13.21N:90.98W, h0km, mb3.9/7, mbmp3.9/10, ML3.6/3, MS3.7/13, Error ellipse: s-maj=22.2km s-min=17.2km az=97.0

NEIC 21 15:06:14.3+1.6, 13.16N:90.91W:0.07, h10km:1km, NUBE mb4.3/68, Error ellipse: s-maj=12.7km s-min=8.3km az=234.0

CATAC 21 15:06:15.1+0.6, 13.3N:89.91W:1.1, h10km:4km, ML4.0/18, MLV4.0/18, Error ellipse: s-maj=7.8km s-min=3.3km az=26.3, confirmed

GCG 21 15:06:16.0+1.4, 13.11N:91.23W, h36km:16km, MD4.7, Presumed earthquake

SNET 21 15:06:20.0+1.4, 13.24N:90.85W, h14km:21km, ML3.8, Presumed earthquake

ISC 21 15:06:16.5+1.3, 13.13N:0.05:91.02W:0.04, h33km:4km, n65, e1839/160, mb4.3/27, MS3.8/13, Near coast of Guatemala

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time Res, Res ISC. Lists seismic stations for the Guatemala event.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details for various stations.

NEIC 21 15:15:04.97, 1.6, 50.86N, 0.05:179.35W, 0.07, h10km, 1km, mb3.8/39, ML3.9/14, ML3.4(AEIC), Error ellipse: s-maj=8.3km s-min=7.0km az=140.0

AEIC 21 15:15:07.42, 0.5, 50.96N, 0.05:179.32W, 0.07, h12km, 4km, Error ellipse: s-maj=7.5km s-min=5.9km az=136.0

ISC 21 15:15:24.02, 8.1, 51.55N, 179.07W, h158km, 19km, mb3.4/10, mbtmp4.0/12, Error ellipse: s-maj=45.9km s-min=13.9km az=1.0

ISC 21 15:15:05.71, 8.5, 50.89N, 0.08:179.38W, 0.03, h16km, 9km, n110, e15:05/110, mb3.8/7, Andean/0 Times

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details for stations in the Andean region.

HEL 21 15:19:33.0, 3.0, 67.95N, 33.50E, h0km, ML 1.8, Explosion KOLA 21 15:19:35.3, 67.62N, 34.07E, h0km, ML 1.9, Error ellipse: s-maj=3.4km s-min=1.9km az=130.0, Khibiny Massif

ISC 21 15:19:38.9, 2.1, 67.55N, 33.05E, h0km, mbtmp3.3/3, ML2.3/3, Error ellipse: s-maj=24.2km s-min=11.7km az=74.0

ISC 21 15:19:33.5, 1.0, 67.63N, 0.04:34.22E, 0.05, h0km, n26, e1945/40, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details for stations in the Baltic States region.

HEL 21 15:19:33.0, 3.0, 67.95N, 33.50E, h0km, ML 1.8, Explosion KOLA 21 15:19:35.3, 67.62N, 34.07E, h0km, ML 1.9, Error ellipse: s-maj=3.4km s-min=1.9km az=130.0, Khibiny Massif

ISC 21 15:19:38.9, 2.1, 67.55N, 33.05E, h0km, mbtmp3.3/3, ML2.3/3, Error ellipse: s-maj=24.2km s-min=11.7km az=74.0

ISC 21 15:19:33.5, 1.0, 67.63N, 0.04:34.22E, 0.05, h0km, n26, e1945/40, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details for stations in the Baltic States region.

21d 15h

Table with columns for station name, frequency, power, and other technical details. Includes entries like FINES, FAUTS, and SPITSBERGEN.

BUJ 21 15:23:19.7, 6:78Sx151.46E, h10km, mB5.3/6, mb4.8/44, Ms4.6/4, Ms7.4/35
NEIC 21 15:23:21.9, 2.0, 6:55S:0.04x151.67E, 0.03, h10km, 1km, m5.1/22S, Mww4.9/10, Error ellipse: s-maj=8.8km
DJA 21 15:23:21.4, 1.4, 6:34S:4.15E, h14km, 9km, M5.1/56, mb5.0/56, mB5.5/10, MLV5.3/1, MwmB5.0/10
GCMT 21 15:23:25.9, 0.2, 6:60S:0.02x151.76E, 0.02, h32km, MW4.9/71, Moment Tensor Solution, s48.c67, s71.c100;
MOS 21 15:23:25.0, 0.9, 6:57S:151.70E, h49km, mb5.0/32 Error ellipse: s-maj=8.7km s-min=7.0km az=113.9
IDC 21 15:23:27.6, 1.7, 6:50S:151.58E, h53km, 15km, mb4.3/19, mbmp4.6/21, ML3.4/3, MS3.9/36, Error ellipse: s-maj=12.9km s-min=11.1km az=103.0
ISC 21 15:23:25.2, 0.8, 6:49S:0.04x151.63E, 0.04, h33km, 5km, b82r, 1525/605, mb5.0/186, MS4.0/34, 16C-3D, New Britain region

Main table of station data with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous stations including BULLU, I40PG, PMG, HNR, CTA, etc.

2020 MAY

Main table of station data for May 2020 with columns: AS31, Alice Springs, 24.12 223, P, P, 15 28 38.6 +0.4. Lists stations like Alice Springs, Kununurra, Namlea, etc.

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Main table of station data for 1366 with columns: SSLB, Suanglung, 42.45 316, P, P, 15 31 17.6 +0.3. Lists stations like Suanglung, Yeheng, Monobe, etc.

21d 15h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, etc. Includes stations like MESA, MCARA, E22K, etc.

2020 MAY

Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, etc. Includes stations like DAWY Dawson, H27K Steamboat Moun, S32K Killisnoo, etc.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Power, etc. Includes stations like MPPY Sheldon Lake, BVAR Borovoye Array, BORK Borovoye, etc.

Station coordinates and technical details:
IDC 21 15:32:30.71, 1.8, 34.14N, 25.72E, h0km, mb3.5/3,
mbmp3.5/6, ML3.1/3, Error ellipse: s-maj=31.3km
s-min=14.7km az=36.0
ISC 21 15:32:32.1, 5.3, 34.22N, 0.2-25.7E, 0.2, h17km, n7, c0870/8,
mb3.5/3, Crete
Code Station Name Az A2Z Phase ID C h m s Res
IDI Anoyia 1.27 329 P9 Gn ISC 15 32:55.0-0.5
IDI 8.5nm, 0.3s, baz=147, slow=23, SNR=11 Lg Lg 15 33:14.1
EIL 7.9nm, 0.3s, baz=6.2, slow=17, SNR=6.8 Pn 15 34:42.5 -0.6
EIL 0.7m, 0.8s, baz=293, slow=13, SNR=2.9 Sn Sn 15 35:20.0 +0.1
EIL 0.3nm, 0.3s, baz=315, slow=17, SNR=1.8 1.9nm, 0.4s Pn 15 36:24.5 -0.4
GERES GERRSS Array B 17.14 332 P 15 36:32.9 -0.2
ESDC Sonseca Array 24.26 292 P 15 37:49.6 +0.5
KURBB Kurchatov Arra 41.40 50 P 15 40:18.7 +0.6
MKAR Makachi Array 43.95 56 P 15 40:39.9 +1.0
WEL 21 15:37:02.4, 1.1, 33.5E, 23.18'0W, 3'3, h401km, 36km,
M4.1/8, mB4.4/4, ML4.2/12, MLV4.3/8, Mw(MB)3.5/4, Error
ellipse: s-maj=48.3km s-min=20.6km az=120.8, South

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WMGZ, HAZ, PKGZ, PUKZ, RUGZ, TWGZ, MWZ, TKGZ, URZ, RIGZ, MUGZ, SNGZ, RAH, MTZ, NMHZ, BKZ, MCHZ, KWHZ, OTVZ, BHZ, KAHZ, KRHZ, PNHZ, TSZ.

ICD 21 15:40:34.6-1.5, 0.64S, 124.79E, h0km, mb3.3/4, mbtmp3.3/4, Error ellipse: s-maj=89.9km s-min=26.9km az=70.0, Southern Molucca Sea

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

ICD 21 16:02:33.1-4.1, 4.85S, 154.66E, h498km, 50km, mb2.8/6, mbtmp3.7/8, Error ellipse: s-maj=66.2km s-min=25.4km az=118.0

ISC 21 16:02:33.4-1.7, 4.85S, 154.66E, h498km, 50km, mb2.8/6, mbtmp3.7/8, Error ellipse: s-maj=66.2km s-min=25.4km az=118.0

ISC 21 16:02:33.4-1.7, 4.85S, 154.66E, h498km, 50km, mb2.8/6, mbtmp3.7/8, Error ellipse: s-maj=66.2km s-min=25.4km az=118.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PMG, CTA, WRA, ASAR, PETK, ILAR, MKAR, ZALV.

NEIC 21 16:03:07.8-1.4, 18.1S, 0.2:177.8W, 0.1, h577km, 9km, mb4.1/14, Error ellipse: s-maj=22.0km s-min=19.2km az=164.0

ICD 21 16:03:09.7-3.4, 17.96S, 178.15W, h592km, 22km, mb3.0/4, mbtmp3.9/5, Error ellipse: s-maj=84.4km s-min=38.1km az=24.0

ISC 21 16:03:08.4-0.6, 18.1S, 0.2:177.9W, 0.1, h590km, n24, a121/26, mb3.9/9, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MSVF, STKA, INKA, WB0, WRA, WRA, AS31, ASAR, ASAR, MORW, QSPA, QSPA, KSAR, PNTR, J17K, F15K, MG03, GDLD, PD31, SAND, RTAL.

SJA 21 16:05:06.3-0.7, 31.15S, 71.96W, h27km, 2km, ML4.0, MW4.0

GUC 21 16:05:09.8-0.7, 31.22S, 71.76W, h47km, 90km, ML4.0

ICD 21 16:05:11.0-7.7, 31.24S, 71.54W, h33km, 61km, mb3.9/3, mbtmp4.0/4, ML3.5/1, MS2.7/2, Error ellipse: s-maj=84.2km s-min=36.6km az=105.0

ISC 21 16:05:05.7-1.5, 31.21S, 0.2:71.82W, 0.04, h10km, 9km, n72, a187/93, 3C-4D, Near coast of central Chile

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CO02, CO02, CO02, CO03, CO03, CO03, CO03, CO04, CO04, CO04, VA03, VA03, VA03, CO01, CO01, CO01, MT02, PEL, PEL, PEL, AROD, AROD, MT10, MT10, MT10, MT05, MT05, DOCA, LCO, LCO, LCO, MT16, FCH, FCH, MT03, MT15, MT15, MT09, MT09, MT08, MT08, MT08, ZON, ZON, ZON, AC05, AC05, AC05, AC05, MT12, MT12, MT12, MT13, RTLL, ASAL, ARCO, BO04, BO04, AC04, AC04, CFA, CFA, AAGR, AAGR, BO01, BO02, AVFE, AVFE, GO03, GO03, GO03, VCA, VCA, VCA, ACHE, ACHE, ACAC, ACAC, AC02, AC02, H03N1.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H03N3, H03N2, PLCA, CPUP, SNA, QSPA, TORD, H11S2, H11S1, H11S3, H11N3, H11N1, H11N2, BVAR, KURBB, ZALV, MKAR.

BEO 21 16:27:19.5-0.5, 41.28N, 19.49E, h10km, 4km, ML2.6/10

TJR 21 16:27:20.9, 41.40N, 19.57E, h12km, 2km, ML2.6/5

RHSSO 21 16:27:20.1, 9.41N, 127.1N, 19.58E, h8km, 3km, ML2.6/11

PDG 21 16:27:20.7, 9.41N, 127.1N, 19.58E, h20km, 1km, ML2.6/11

Error ellipse: s-maj=1.2km s-min=3.0km az=0.0

THE 21 16:27:22.2, 41.1N, 25.1E, h12km, ML2.7/4, MLh2.7/4

ISC 21 16:27:19.8-1.0, 41.39N, 0.02:19.49E, 0.03, h9km, 9km, n64, a090/103, 14C-1D, Albania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TIR, TIR, TIR, ULC, ULC, ULC, SDA, SDA, PHP, PHP, PHP, DRME, DRME, DRME, DRME, VLO, VLO, VLO, BUM, BUM, OHR, OHR, OHR, PDG, PDG, PDG, PDG, PDG, CEME, CEME, KBN, KBN, KBN, HCY, HCY, HCY, NKME, NKME, KOME, KOME, IVA, IVA, NEST, NEST, SRN, SRN, SRN, SRN, SRN, TREB, TREB, TREB, DUBR, DUBR, BRY, BRY, BRY, BRY, KEK, KEK, STL, STL, KLINJ, KLINJ, KLINJ, SJES, SJES, SJES, PLE, PLE, IGT, IGT, IGT, STON, STON, STON, KPRO, KPRO, RUDO, RUDO, RUDO, BORS, BORS, BORS, KUBS, KUBS, ZIRJ, ZIRJ, ZIRJ, MORI, MORI, MORI, VRSS, VRSS, VRSS, DUGI, DUGI, DUGI, VIRC, VIRC, VIRC.

ISC 21 16:27:19.8-1.0, 41.39N, 0.02:19.49E, 0.03, h9km, 9km, n64, a090/103, 14C-1D, Albania

ISC 21 16:27:19.8-1.0, 41.39N, 0.02:19.49E, 0.03, h9km, 9km, n64, a090/103, 14C-1D, Albania

ISC 21 16:27:19.8-1.0, 41.39N, 0.02:19.49E, 0.03, h9km, 9km, n64, a090/103, 14C-1D, Albania

ISC 21 16:27:19.8-1.0, 41.39N, 0.02:19.49E, 0.03, h9km, 9km, n64, a090/103, 14C-1D, Albania

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Table with columns: BZS, NVLJ, BRUN, Buzias, Novajala, Brijuni. Includes time and magnitude data.

IDC 21 16:32:20.9.8.6, 19.245s, 175.53W, h0km, mb3.5/3, mbtmp3.5/3, MS3.4/1, Error ellipse: s-maj=370.6km s-min=42.5km az=143.0, Tonga Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes entries for CTAR, ASAR, WRA, ILAR.

NEIC 21 17:04:52.6.2.4, 22.14N, 107.23W, 0.09, h10km, 2km, mb4.1/95, Md4.2/45(MEX), Error ellipse: s-maj=18.6km s-min=6.7km az=222.0, MEX 21 17:04:55.0.5.2, 22.14N, 107.95W, h16km, 45km, MD4.2, Presumed earthquake

IDC 21 17:04:58.0.3.2, 22.85N, 108.17W, h0km, mb3.3/2, mbtmp3.5/7, ML3.8/5, MS3.4/16, Error ellipse: s-maj=40.3km s-min=20.1km az=177.0, ISC 21 17:04:54.0.7, 22.41N, 105.107.96W, 0.05, h10km, n145, c241/110, mb3.8/10, MS3.4/12, Off coast of central Mexico

Main table of seismic stations with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like MAIZ, SLBS, SIERRA, ANIG, PDIG, etc.

Main table of seismic stations with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like PV16, PV12, PV19, PV20, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like ARGC, SMAC, SCCC, SJJCC, etc.

IDC 21 17:43:14.9.1.8, 14.61N, 88.71W, h0km, mb3.0/2, mbtmp3.4/4, ML3.6/2, MS2.8/2, Error ellipse: s-maj=48.4km s-min=24.2km az=23.0, SNET 21 17:43:17.0.0.9, 13.24N, 89.95W, h24km, 5km, ML3.7, Presumed earthquake

CATAC 21 17:43:18.1.0.5, 13.1N, 2.9W, h21km, 2km, M3.8/19, ML3.8/19, Error ellipse: s-maj=6.0km s-min=4.3km az=40.0, confirmed, GCG 21 17:43:18.9.1.2, 13.43N, 90.01W, h25km, 18km, MD4.0, ML4.0, Presumed earthquake

Main table of seismic stations with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like FAME, JAYA, CEVE, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MAGU, STFN, LKR, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PS4A, HAG, PNTA, etc.

THE 21 17:48:29.8,38.3N;0.6:21.6E;0.9,h15km,4km,M1.1/4, ML1.1, Greece

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Q16K, KARR, KANH, etc.

TAP 21 17:58:45.5,23.97N;121.51E,h20km,ML1.2,B, Taiwan

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

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

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

JMA 21 17:59:01.4,0.2,25.1N;123.4E;0.3,h39km,MV1.6/8, NW OFF ISHIGAKIJIMA IS, Southwestern Ryukyu Islands

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

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

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

NORS 21 18:05:43.4,42.49N;45.49E,h6km,MPVA3.9

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BCAR, BCAR, J25K, etc.

DOS 21 18:05:46.6,42.51N;45.60E,h18km

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BCAR, BCAR, J25K, etc.

MOS 21 18:05:43.3,42.53N;45.51E,h20km,MPVA3.8,TC-2D, Eastern Caucasus

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BCAR, BCAR, J25K, etc.

ISC 21 18:11:03.0,1.1,54.81N;0.09:156.88W;0.04,h10km, n122, r198/128,mb3.9/S, South of Alaska

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BCAR, BCAR, J25K, etc.

ISC 21 18:14:20.1,1.3,15.61S;174.96W,h284km,18km,mb3.2/6, mbmp3.8/7, Error ellipse: s-maj=2.2km s-min=18.8km

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ULC, NEST, DRME, SKO, PENT, etc.

MAN 21 19:00:09.0, 2.89N, 125.53E, h95km, MS4.1
DJA 21 19:00:14.0, 0.5, 3.3, 12.6E, h102km, 5km, M4.0/19, mB5.0/4, mb4.0/10, MLv4.0/19, Mw(mb)4.3/4, Talaud

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

TEH 21 19:07:53.3, 27.51N, 57.49E, h10km, ML2.9, Presumed earthquake
DSN 21 19:07:54.0, 5.0, 8.2, 73N, 57.07E, h10km, ML2.6/5, Error ellipse: s-maj=32.8km s-min=6.1km az=118.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KHJ, GENO, KBAM, etc.

ISC 21 19:07:54.9, 1.1, 27.67N, 0.06, 57.44E, 0.07, h25km, n11, c087/14, Southern Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KHJ, GENO, KBAM, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JASK, SHME, BANOM, etc.

DJA 21 19:11:15.8, 0.2, 1.1, S, 2.2, 12.6E, h10km, M4.0/25, mB4.7/1, mb4.1/10, MLv3.9/25, Mw(mb)3.9/1

NEIC 21 19:11:18.5, 3.0, 78S, 126.20E, h52km, 52km, mb3.6/6, mbtmp3.9/8, ML3.2/2, Error ellipse: s-maj=36.7km s-min=19.4km az=79.0

ISC 21 19:11:14.2, 0.8, 0.70S, 0.05, 126.22E, 0.06, h10km, n29, c1947/32, mb4.2/8, Southern Molucca Sea

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SANI, SANI, SANI, etc.

ISC 21 19:12:49.2, 0.6, 28.15N, 104.85E, h0km, mb4.3/27, mbtmp4.3/29, ML3.8/3, MS3.1/4, Error ellipse: s-maj=17.5km s-min=13.7km az=50.0

MOS 21 19:12:49.3, 0.9, 28.10N, 104.94E, h15km, mb4.7/47, Error ellipse: s-maj=8.1km s-min=4.4km az=122.8

NEIC 21 19:12:51.0, 1.7, 28.18N, 104.85E, 0.07, h17km, 3km, mb4.6/84, Error ellipse: s-maj=10.0km s-min=3.9km

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUY, CHENG, CD2, etc.

Main table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CNSH, LZDM, LZH, etc.

21d 19h

Table of astronomical observations for 21d 19h, listing stations like UZB, MKAR, MAZK, etc., and their respective observations of various stars and planets.

2020 MAY

Main table of astronomical observations for May 2020, listing stations like ARTI, TIXI, AKT, etc., and their observations of stars like Sirius, Betelgeuse, etc.

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Table of astronomical observations for station 1374, listing observations of stars like Sirius, Betelgeuse, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like ESDC Sonseca Array, TOROD Torodi Ar. Bea, VNA2 Neumayer-Stat, etc.

Technical notes and data for station VNA1 Neumayer-Stat, including coordinates, antenna details, and observation parameters.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Lists numerous stations across the region.

Main station list table (continued) with columns: HNR, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Lists numerous stations across the region.

Main station list table (continued) with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Lists numerous stations across the region.

21d 19h

CMAR	comp=Z,0.7nm,0.9s,baz=106,slow=5.9,SNR=1.2	PcP	PcP	19 28 57.4	-0.2
CMAR	comp=Z,1.08nm,21.8s,baz=120,slow=33	LR	LR	19 45 35.6	
CMAR	Chiang Mai Arr	48.15 298	P	P	19 27 27.2 -2.8
CMAR	Chiang Mai	48.28 298	P	P	19 27 31.1 0.0
CHTO	Chiang Mai	48.28 298	I/Amb	I/Amb	19 27 31.2 0.0
CHTO	comp=Z,28nm,1.9s				19 27 33.1
CHTO	Chiang Mai	48.28 298	P	P	19 27 31.2 +0.1
CHTO	comp=Z,28nm,2.0s				
CHTO	Chiang Mai	48.28 298	P	P	19 27 33.2 +2.1
XAN	Xi'an	48.73 322	I/P	I/P	19 27 38.3 +3.9
XAN	comp=Z,15nm,1.4s				
XAN	comp=Z,290nm,11.0s				
XAN	comp=Z,180nm,12.4s				
XAN	comp=Z,200nm,15.8s				
MDJ	Mudanjiang	48.84 347	P	P	19 27 37.1 +2.1
MDJ	Mudanjiang	48.84 347	I/Amb	I/Amb	19 27 37.7
MDJ	Mudanjiang	48.84 347	P	P	19 27 36.5 +1.5
MDJ	comp=Z,18nm,1.1s				
CN2	Changchun	49.12 343	I/P	I/P	19 27 39.5 +2.4
CN2			eS	eS	19 27 46.0 +1.2
CN2			eS	eS	19 34 44.3 +2.8
CN2	comp=Z,20nm,0.6s				
CN2	comp=Z,100nm,5.0s				
CN2	comp=Z,100nm,13.0s				
CN2	comp=Z,100nm,13.0s				
CN2	comp=Z,200nm,14.0s				
BJ12	Beijing	49.27 333	P	P	19 27 40.8 +2.4
BJ12			S	S	19 34 47.9 +4.1
BJ12	comp=Z,7.0nm,2.0s				
BJ12	comp=Z,130nm,18.1s				
BJT	Baijiatuu	49.27 333	P	P	19 27 40.3 +1.9
BJT	Baijiatuu	49.27 333	I/Amb	I/Amb	19 27 42.1
PZH	PanZhihua	49.32 309	P	P	19 27 38.3 -0.8
PZH	comp=Z,7.0nm,1.2s				
YSS	Yuzhno-Sakhal	49.73 360	P	P	19 27 43.0 +1.3
YSS	Yuzhno-Sakhal	49.73 360	I/Amb	I/Amb	19 27 40.2 -1.5
YSS	comp=Z,26nm,1.1s				
YSS	Yuzhno-Sakhal	49.73 360	eS	eS	19 27 42.8 +1.1
YSS			eS	eS	19 34 48.9 -1.0
YSS			eS	eS	19 35 09.7
YSS	comp=Z,20nm,1.0s				
YSS	comp=Z,100nm,3.9s				
YSS	comp=N,100nm,16.0s				
CD2	Chengdu	50.19 315	P	P	19 27 46.0 +0.4
CD2			pP	pP	19 27 49.3 -1.4
CD2			sP	sP	19 27 50.9 -1.6
CD2			s	s	19 34 59.3 +2.2
CD2	comp=N,20nm,0.5s				
CD2	comp=N,510nm,12.1s				
CD2	comp=N,420nm,12.7s				
CD2	comp=N,380nm,12.7s				
BNX	BinXian	50.40 346	I/P	I/P	19 27 46.3 -0.6
BNX	comp=N,41nm,1.2s				
TNCH	TengChong	51.18 306	P	P	19 27 54.5 +1.1
TNCH			pP	pP	19 27 57.5 -1.0
TNCH			s	s	19 35 11.8 +0.5
TNCH	comp=N,10.0nm,0.3s				
TNCH	comp=N,280nm,5.8s				
TNCH	comp=N,200nm,4.2s				
TNCH	comp=N,190nm,5.0s				
HHC	Hu-hao-te	52.12 330	eP	eP	19 28 01.8 +1.8
HHC	comp=N,22nm,0.7s				
HHC	comp=N,53nm,3.5s				
XLT	XilinHaoTe	52.48 336	eP	eP	19 28 02.5 -0.1
XLT	comp=N,9.0nm,1.4s				
KLR	Kul'dur	52.88 351	P	P	19 28 04.1 -1.3
KLR	comp=N,8.0nm,0.8s,baz=170,slow=5.3,SNR=19				
KLR	comp=N,104nm,21.0s,baz=162,slow=34				
KLR	comp=N,8.0nm,0.8s				
BTO2	Baotou	52.89 329	eP	eP	19 28 05.8 0.0
BTO2			pP	pP	19 28 10.4 -0.5
BTO2			sP	sP	19 28 12.5 -0.2
BTO2			s	s	19 35 36.1 +1.9
BTO2			sS	sS	19 35 42.5 -0.2
BTO2			SS	SS	19 39 11.0 -2.4
BTO2	comp=N,16nm,0.8s				
BTO2	comp=N,220nm,9.3s				
BTO2	comp=N,460nm,15.0s				
BTO2	comp=N,360nm,11.5s				
LZH	Lanzhou	53.22 321	eP	eP	19 28 13.1 +4.8
LZH			pP	pP	19 28 20.0 +3.9
LZH			S	S	19 35 40.0 +1.1
LZH	comp=N,23nm,1.3s				
LZH	comp=N,210nm,21.3s				
LZH	comp=N,220nm,21.0s				
LZH	comp=N,280nm,22.0s				
LZDM	Lanzhou Array	53.24 320	LR	LR	19 47 45.0
HEH	HeiHe	54.66 348	eP	eP	19 28 19.5 +1.2
HEH	comp=N,15nm,1.2s				
HIA	Hailar	55.75 342	P	P	19 28 28.8 +2.5
HILR	Hailar Array B	56.00 342	P	P	19 28 27.6 -0.6
HILR	comp=N,15nm,0.8s,baz=134,slow=6.2,SNR=1.9				
HILR	comp=N,15nm,0.8s				
BRDH	Bariadhala	56.04 300	LR	LR	19 51 03.5
PEAOB	Petrovlovsk	57.28 11	P	P	19 28 35.1 -2.0
PETK	Petrovlovsk	57.28 11	P	P	19 28 36.1 -1.0
PETK	comp=N,11nm,0.9s,baz=186,slow=4.5,SNR=11				
PETK	comp=N,47nm,20.1s,baz=188,slow=35				
PETK	comp=N,11nm,0.9s				
PETK	Petrovlovsk	57.28 11	P	P	19 28 37.0 0.0
PETK	Petrovlovsk	57.28 11	P	P	19 28 37.0 0.0
GTA2	Gaotai	57.85 321	P	P	19 28 42.0 +0.4
GTA2			pP	pP	19 28 45.6 -1.1
GTA2			S	S	19 36 42.8 +2.2
GTA2	comp=N,5.0nm,1.0s				
GTA2	comp=N,150nm,16.5s				
GTA2	comp=N,99nm,16.2s				
GTA2	comp=N,130nm,18.7s				

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ZEA	Zeya	58.00 349	eP	eP	19 28 43.2 +1.1
ZEA	comp=N,10.0nm,1.1s		pmax	pmax	
ZEA	comp=Z,10.0nm,1.0s				
ULN	Ulaanbaatar	59.50 333	i/P	i/P	19 28 51.5 -1.4
ULN	comp=Z,3.0nm,1.1s				
SOMN	Songino Array	59.78 332	P	P	19 28 54.3 -0.5
SOMN	comp=Z,1.4nm,0.6s,baz=157,slow=9.3,SNR=7.7				
SOMN	comp=Z,1.45nm,18.3s,baz=97,slow=37				
SOMN	comp=Z,0.6nm,0.6s,baz=351,slow=4.9,SNR=4.6				
SOMN	Songino Array	60.15 340	eP	eP	19 28 54.3 -0.5
CIT	Chita	60.15 340	eP	eP	19 28 58.8 +1.7
CIT			e	e	19 29 04.4
CIT			e	e	19 29 39.0
CIT			e	e	19 31 13.0
CIT	comp=Z,70nm,1.9s				
SHEM	Shemya Is, Ala	61.45 21	LR	LR	19 49 38.0
SHEM	comp=Z,164nm,21.6s,baz=149,slow=30				
EVN	Everest	61.96 304	I/Amb	I/Amb	19 29 25.6
EVN	comp=Z,18nm,0.9s				
MA2	Magadan	62.69 5	P	P	19 29 12.6 -1.4
MA2	comp=Z,6.6nm,0.9s,baz=116,slow=5.6,SNR=5.7				
MA2	comp=Z,48nm,20.5s,baz=180,slow=34				
MA2	Magadan	62.69 5	P	P	19 29 16.1 +2.0
MA2	Magadan	62.69 5	I/Amb	I/Amb	19 29 14.4 +0.2
MA2	Magadan	62.69 5	eP	eP	19 29 16.6
MA2	comp=Z,12nm,1.0s				
MA2	Magadan	62.69 5	eP	eP	19 29 14.3 +0.2
MA2	comp=Z,23nm,2.5s				
PALK	Pallekele	62.80 280	LR	LR	19 57 45.0
PALK	comp=Z,92nm,21.0s,baz=122,slow=37				
ZAK	Zakamensk	63.03 333	eP	eP	19 29 16.6 -0.1
ZAK	comp=Z,2.25nm,1.5s				
TLY	Talya	63.79 334	LR	LR	19 57 50.9
TLY	comp=Z,75nm,19.1s,baz=128,slow=37				
BOD	Bodaibo	64.87 343	eP	eP	19 29 27.6 -0.9
BOD	comp=Z,31nm,1.3s				
MOY	Mondy	64.97 333	eP	eP	19 29 33.7 +4.3
MOY	comp=Z,36nm,1.8s				
YAK	Yakutsk	65.61 353	P	P	19 29 32.3 -0.9
YAK	comp=Z,30nm,0.7s,baz=45,slow=1.0,SNR=21				
YAK	comp=Z,68nm,20.5s,baz=163,slow=33				
YAK	comp=Z,10nm,0.7s				
YAK	Yakutsk	65.61 353	P	P	19 29 32.4 -0.9
YAK	Yakutsk	65.61 353	eP	eP	19 29 33.0 -0.2
YAK	Yakutsk	65.61 353	e'PP	e'PP	19 29 44.1 +3.1
YAK			e	e	19 30 00.0
YAK			e	e	19 31 57.1
YAK			e'PPP	e'PPP	19 33 27.7
YAK			eS	eS	19 38 18.8 +1.1
YAK			e'SS	e'SS	19 38 37.9 +1.1
YAK			eS	eS	19 39 31.5
YAK			e'SS	e'SS	19 42 33.4 +1.4
YAK	comp=Z,32nm,1.5s				
YAK	comp=N,24nm,1.6s				
YAK	comp=E,3.0nm,1.5s				
YAK	comp=Z,111nm,5.2s				
YAK	comp=E,121nm,7.3s				
YAK	comp=N,32nm,2.5s				
YAK	comp=E,41nm,4.3s				
YAK	comp=N,130nm,4.7s				
KNGR	Kungurtug, Tuv	65.93 330	i/P	i/P	19 29 35.2 -0.5
KNGR	comp=Z,10.0nm,1.1s				
SEY	Seymchan	66.14 5	P	P	19 29 35.7 -0.9
SEY	comp=Z,4.3nm,0.8s,baz=184,slow=10,SNR=9.7				
SEY	Seymchan	66.14 5	eP	eP	19 29 35.9 -0.7
SEY	comp=Z,18nm,1.7s				
HYB	Hyderabad	66.49 290	eP	eP	19 29 40.1 +0.3
HYB	comp=Z,11nm,1.5s				
HYB	Hyderabad	66.49 290	eS	eS	19 32 08.4 +2.0
CASY	Casey	67.11 194	P	P	19 38 31.1 +1.0
CASY	comp=Z,4.3nm,0.8s,baz=184,slow=10,SNR=9.7				
WMQ	Urumqi	67.80 320	eP	eP	19 29 42.8 +0.1
WMQ	comp=Z,1.1nm,0.6s				
UNV	Unalakas Valle	70.54 29	P	P	19 30 05.2 +0.8
UNV	comp=Z,12nm,1.3s				
ZSN	Zaisan	71.22 323	eP	eP	19 30 09.2 +0.5
ZSN	Zaisan	71.22 323	eP	eP	19 30 09.3 +0.5
MKR1	Makanchi Array	72.53 321	eP	eP	19 30 16.8 +0.1
MKR1	Makanchi Array	72.53 321	eP	eP	19 30 16.7 +0.1
MKR1	comp=Z,5.8nm,0.9s,baz=103,slow=7.9,SNR=28				
MKR1	Makanchi Array	72.53 321	P	P	19 30 15.9 -0.6
MAK2	Makanchi	72.73 321	I/Amb	I/Amb	19 30 17.3 -0.5
MAK2	comp=Z,18nm,1.1s				
MAK2	Makanchi	72.73 321	P	P	19 30 17.3 -0.5
MAK2	comp=Z,17nm,1.1s				
SHLS	Shalkode	72.98 317	eP	eP	19 30 18.1 -1.3
SHLS	Shalkode	72.98 317	eP	eP	19 30 18.2 -1.3
SHLS	comp=Z,8.0nm,1.4s				

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Table with columns: ID, Name, Elevation, Date, Time, Status, etc. Includes entries like G18K Tagagawik, F18K Selawik, GCSA Galen City Sc, etc.

2020 MAY

Table with columns: ID, Name, Elevation, Date, Time, Status, etc. Includes entries like KAIM Kayak Island, COLA College A22K, B22K Teshekpu Lake, etc.

21d 19h

Table with columns: ID, Name, Elevation, Date, Time, Status, etc. Includes entries like M29M Somme Creek, E27K Coleen River, E27K Coleen River, etc.

21d 19h

Table of astronomical observations for 21 days and 19 hours. Columns include YKA, comp-Z, 0.5nm, 1.0s, baz=283, slow=6.3, SNR=3.6, PP, 19 36 26.1 -1.5, etc.

2020 MAY

Table of astronomical observations for 2020 MAY. Columns include ARMA, Armidale, 25.68 183, P, Iamb, P, 19 30 36.0 +0.3, etc.

1378

Table of astronomical observations for 1378. Columns include GVD, Gavdhos, 1.82 294, P, Pn, 19 33 26.3 +1.2, etc.

NEIC 21 19:25:11.8±2.2, 4.61'S; 0.09±153.30E; 0.09, h11km, 6km, mb4.6/28, Error ellipse: s-maj=15.0km s-min=10.5km az=222.0

ICD 21 19:25:13.5±4.2, 4.63'S; 153.25E, h82km, 36km, mb3.8/16, mbmp4.1/17, MS4, 0.3, Error ellipse: s-maj=27.6km s-min=14.8km az=74

ISC 21 19:25:10.2±0.6, 4.66'S; 153.31E; 0.08, h50km, n56, ±138/60, mb4.4/28, MS4, 1/3, New Ireland region

THE 21 19:22:22.39'N; 120°E; h12km, 3km, M2, 9/14, MLH2, 9/14, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include LFKM, LFKM, KEK, KEK, IGT, Igtounitsa, SRN, Sarande, GRN, Janina, JAN, JAN, TSKL, Tsoukalades, L, TSKL, Lefkada island, LK2, LK2, DRAG, Dragano-Lefkad, 0.93 138, P, NYDR, Nydri-Lefkada, 1.00 133, P, PRMD, Pramanda, 1.04 82, S, PRMD, Lefkada island, 1.05 138, S, EVGI, Lefkada island, 1.13 146, S, FSK, Fiskardo, 1.13 146, P, TETR, Tetrakomo, Epi, 1.18 92, P, AMPL, Ampelaki, 1.18 92, P

ICD 21 19:32:51.1±1.1, 34°05'N; 25°56'E, h0km, mb3.8/10, mbmp3.7/18, ML3, 3/7, MS3, 2/2, Error ellipse: s-maj=21.7km s-min=14.8km az=8.0

THE 21 19:32:53.8, 34°18'N; 2°6'E; h74km, 27km, M3, 4/6, MLH3, 4/6

ATH 21 19:32:53.3, 33°9'N; 26°36'E, h55km, 19km, ML3, 4/5, Latitude uncertainty: 4 km; Longitude uncertainty: 4 km

ISK 21 19:32:54.7, 34°11'N; 26°07'E, h8km, ML3, 4/14

AFAD 21 19:32:59.0, 34°65'N; 26°23'E, h7km, 3km, ML3.0

ISC 21 19:32:56.1±1.6, 34°10'N; 0°06:26:10E; 0.04, h32km, 11km, n81, ±212/103, mb3.7/9, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include ZKR, Zakros, 1.02 5, Op, ZKR, Zakros, 1.02 5, P, ZKR, Zakros, 1.02 5, S, NPS, Neapolis, 1.23 341, S, NPS, Neapolis, 1.23 341, P, NPS, 1.55 320, S, NPS, 1.55 320, P, IDI, Anoyia, 1.55 320, S, IDI, Anoyia, 1.55 320, P, IDI, Anoyia, 1.55 320, S, IDI, Anoyia, 1.55 320, P, KARP, Karpathos, 1.69 31, P, GVD, Gavdhos, 1.82 294, P, GVD, Gavdhos, 1.82 294, P

ICD 21 19:34:14.6±5.7, 35°31'S; 178°67'E, h124km, 41km, mb3.5/3, mbmp3.9/4, Error ellipse: s-maj=55.1km s-min=24.8km az=50.0

WEL 21 19:34:17.0±0.9, 36°S; 7°17'9E; h182km, 13km, MB3, 1/17, MLV3, 8/17, Error ellipse: s-maj=11.7km s-min=8.9km az=78.4

NEIC 21 19:34:18.4±1.7, 35°8'S; 0°1x178°2E; 0.1, h127km, 9km, mb4.4/8, Error ellipse: s-maj=19.2km s-min=12.1km az=106.0

ISC 21 19:34:20.7±1.5, 35°87'S; 0°09:178°7E; 0.1, h187km, 9km, n65, ±194/79, mb4.1/6, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Matakaoa Point, Waioamatatini S, Te Kaha, Pakihiroa, Puketiti, Raukumara Rang, etc.

MAN 21:19:47.11.0.20'80N:122'10'E,h32km,MS2.8
IDC 21:19:47.17.0.16.0.22'14N:121'78E,h0km,mb3.3/4,
mbtmp3.3/4,MS2.7/1,Err ellipse: s-maj=462.8km
s-min=58.4km az=13.0, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Davao City (W), Makanchi Array, WAKE ISLAND Hy, etc.

JMA 21:20:02.11.5.0.4.36'4N:0'9.14'3E, h23km,MV3 1/14,
FAR E OFF KANTO
IDC 21:20:02.20.0.1.6.37'48N:141'65E,h0km,mb3.5/5,
mbtmp3.4/6,ML 1.9/1,MS2.1/1,Err ellipse: s-maj=40.8km
s-min=22.6km az=62.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ONAJ Hitakimizuishiy, JHYU Hitachinakayam, etc.

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

SJA 21:20:11.26:5.0.7,29.74S:68:16W,h114km,3km,ML3.7,
MW3.8, San Juan Province

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Cuesta del Vie, Vinchina, Cerro L Cruz, Valle Fertil, Cerro Coronel, etc.

ANF 21:04:08.2.0.2.60'22N:139'56W,h0km,1km,ML2.8/26,
Err ellipse: s-maj=1.6km s-min=1.0km az=3.0
AEC1 21:04:08.7.1.0.60'22N:0'01:139:56W:0.03,h4km,6km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Pinnacle, Mount Kennedy, Mount Upton, etc.

21d 22h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like M29M Somme Creek, WHY Whitehorse, M27K Edge Creek, etc.

IDC 21 21:24:18.9:0.8, 22:36N:143:63E, h130km, 6km, mb3.5/15, mbtmp4.0/18, MS3.2/1, Error ellipse: s-maj=19.4km s-min=9.9km az=76.0

NEIC 21 21:24:19.9:1.1, 22:36N:0:06:143:6E:0.2, h130km, 6km, mb4.2/7, Error ellipse: s-maj=25.0km s-min=9.1km az=84.0

JMA 21 21:24:22.4:0.3, 23:23N:1:14:4E, h146km, 3km, IOTO ISLANDS REGION

ISC 21 21:24:17.6:0.6, 22:28N:0:07:143:7E:0.1, h118km, n52, c093/56, mb3.9/16, Volcano Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JHH2 Haha-jima-NKT2, JCH1 Chichijima, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KSRS Korea Array, H11N1 WAKE ISLAND Hy, etc.

NEIC 21 21:26:30.0:1.4, 22:55:0:2:176:2W:0.1, h353km, 510km, mb4.3/19, Error ellipse: s-maj=22.0km s-min=15.1km az=192.0

IDC 21 21:26:33.0:4.5, 22:50S:176:62W, h360km, 22km, mb3.7/7, mbtmp4.4/9, Error ellipse: s-maj=86.4km s-min=27.5km az=75.0

ISC 21 21:26:30.8:0.8, 22:62S:0:09:176:40W:0.10, h350km, n32, r184/32, mb4.1/15, South of Fiji Islands

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

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NWAO Narrogin (SRO), MBWA Marble Bar, etc.

IDC 21 21:29:28.8:1.8, 35:44N:140:02E, h0km, mb3.4/3, mbtmp3.5/4, ML3.3/1, Error ellipse: s-maj=33.5km s-min=17.8km az=78.0

JMA 21 21:29:34.0:0.1, 35:77N:0:3:140:0E:0.4, h32km, 1km, MV2.9/35, CENTRAL CHIBA PREF. JMA Felt I Jt at CENTRAL CHIBA PREF.

ISC 21 21:33:21.2:1.3, 35:59N:0:05:139:97E:0:05, h32km, 12km, n15, r132/17, mb3.6/3, Near south coast of eastern Honshu

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

IDC 21 21:56:48.9:3.8, 24:82N:95:52E, h165km, 50km, mb3.6/11, mbtmp4.0/12, Error ellipse: s-maj=47.4km s-min=30.4km az=96.0

ISC 21 21:56:44.8:0.9, 25:00N:0:1:95:00E:0:09, h104km, n23, r152/30, mb3.9/11, Myanmar

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ouled Sidi Bra, ATJK, AKET, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA, ASAR, MKAR, KURBB, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA, FITZ, ASAR, ZALV, MKAR, KURBB, BVAR, FINES, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOLA, IDC 21 22:25, HEL, etc.

GUC 21 22:31:17.9.0.6.33:55S:70:76W, h89km, 1km, ML4.8
VAO 21 22:31:17.4.0.3.33:53S:70:58W, h78km, mb4.3
Presumed earthquake
NEIC 21 22:31:17.9.1.2.33:55S:0:03:70:73W, 0.05, h86km, 3km, mb4.6/133, Mw4.4/31, Mw4.8(GUC), Error ellipse: s-maj=5.8km s-min=4.2km az=93.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mrr:1.66; Mth:1.61; Mtt:0.04; Mlr:-3.99; Mlt:1.20; Mtr:-0.97; Fault plane location: M=4.58000*10^15 Np1:6.220.48000*, delta14.83000*, lambda-124.27000*. NP2:6.75.66000*, delta77.8000*, lambda-61.52000*. Principal axes: T:4.7922, Plg32.0000*, Azm1:159.0000*, N:-0.4522, Plg6.000*, Azm254.0000*, P:-4.3400, Plg66.000*, Azm357.0000*.

NEIC 21 22:31:18.2.33:57S:70:76W, h86km
ISC 21 22:31:17.2.0.4.33:57S:0:02:70:72W, 0.03, h84km, 3km, h83km; p-P, n342, c1918/407, mb4.6/70, 16C-13D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Renca, Universidad Ad, CCHEH, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sierra Bellavi, Hualane, Combarbal, etc.

21d 22h

Table with columns for station name, frequency, power, and other technical details. Includes stations like COLA College, D23K Nanushuk River, EYAK Cordova Ski Ar, etc.

2020 MAY

Table with columns for station name, frequency, power, and other technical details. Includes stations like E27K Coleen River, DZA Taraz, BRWY Burwash Landin, etc.

1384

Table with columns for station name, frequency, power, and other technical details. Includes stations like T35M Bob Quinn, WTLY Watson Lake, Y, WTLY Watson Lake, Y, etc.

21d 23h

Table of station data for 21d 23h, including columns for call sign, frequency, power, and other technical details.

2020 MAY

Main table of station data for 2020 MAY, including columns for call sign, frequency, power, and other technical details.

1386

Table of station data for 1386, including columns for call sign, frequency, power, and other technical details.

1387

Table with columns: REI, REIDVOVE, 4.20 272 eP, Pn, 23 15 33.5 -1.8, 23 15 35.3, etc. Includes stations like Kuril'sk, Severo-Kuril'sk, and various other locations.

2020 MAY

Table with columns: OBN, ULM, WRA, NOA, HFS, AKASG, GNI, TXAR, TKL, etc. Includes stations like Obninsk, Lac du Bonnet, Warramunga Arr, etc.

21d 23h

Table with columns: JYNG, YOJ, TIPB, HATJ, SX11, YM01, YM08, IRIF, JKRS, JKRS, JIJ, JJUC, PTMZ, JISG, JISG, KNMB, ZPLA, AOXICUN, JTJ, etc. Includes stations like Yonagunijimaku, Yonaguni jima, Shuangqi, etc.

UPP 21 23:20:00.4:0.0,67:85N:20:21E,h0km,ML2.1,Suspected explosion
NAO 21 23:20:01.6:0.3,67:86N:20:29E,ML2.4
IDC 21 23:20:01.5:0.9,67:77N:20:9E,h0km,mbtmp3,1/5,ML2.1/5,Error ellipse: s-maj=15.3km s-min=6.2km az=118.0

HEL 21 23:20:02.2,67:86N:20:23E,h1km,ML1.7,Confirmed induced event
BER 21 23:20:03.1:2.1,67:89N:20:34E,h0km,ML1.7,ML2.4(INAO),Confirmed Induced event
ISC 21 23:20:00.4:0.7,67:84N:02:23E:02:23E:02,h0km,m87,r121/143,6C-6D,Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like KUA, KURVAARA, LAUKKULUSPA, SALMI, NIKKU, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like H11N3 WAKE ISLAND, FITZ Fitoro, VVDA Vanda, etc.

KRSC 21 23:59:05.9-0.6, 17.99N-0.02-66.714W-0.009, h12km, 1km, ML3.7/33, MD3.6/17(RSPR), Error ellipse: s-maj=3.6km s-min=1.2km az=176.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, PAU Pauzhetka, KDRTR Khodutka, etc.

NEIC 21 23:59:05.9-0.6, 17.99N-0.02-66.714W-0.009, h12km, 1km, ML3.7/33, MD3.6/17(RSPR), Error ellipse: s-maj=3.6km s-min=1.2km az=176.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OBIP Obispado Ponce, OBIP Obispado Ponce, etc.

SGS 22 00:06:11.8, 30.28N-34.87E, h11km, M12.9, Gll 22 00:06:13.6, 0.0, 30.191N-0.003-35.137E-0.001, h0km, Mws3.3, confirmed

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like YAHL Yahel, YHRI Mount Harif, etc.

GRAL 22 00:06:20.2, 0.3, 31.03N-32.50E, h50km, 999km, MD4.1, ISC 22 00:06:13.4, 0.0, 30.191N-0.01-35.15E-0.04, h19km, 2km, n53, 0.93/83, 1C-1D, Dead Sea region

Large table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OBIP Obispado Ponce, OBIP Obispado Ponce, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like EMPR Esperanza - Ma, SJG San Juan, SJG San Juan, etc.

JMA 22 00:07:51.5, 0.2, 25.1N-3.123E-0.7, h143km, 2km, MV2.9/17, NW OFF ISHIGAKIJIMA IS

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like YON Yonaguni jima, YJNG Yonagunijimaku, etc.

IDC 22 00:12:05.1, 3.1, 3.82S-151.14E, h49km, 51km, mb3.4/7, mbmp3.9/8, ML2.0/1, MS2.8/4, Error ellipse: s-maj=61.7km s-min=29.8km az=120.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KRVT Keravat, PMG Port Moresby, etc.

IDC 22 00:12:04.1, 1.6, 3.75S-0.2, 151.1E-0.4, h35km, n13, 0.88/9, mb3.6/7, New Ireland region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KRVT Keravat, PMG Port Moresby, etc.

IDC 22 00:14:34.4, 2.6, 12.16N-142.03E, h151km, 29km, mb3.5/7, mbmp3.9/8, Error ellipse: s-maj=30.8km s-min=20.5km az=93.0

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

IDC 22 00:14:34.0, 1.8, 12.22N-0.1, 142.0E-0.1, h150km, n8, 0.057/9, mb3.9/7, South of Mariana Islands

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

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DSI Dead Sea, MZS Mizpe Shalem, etc.

JMA 22 00:07:51.5, 0.2, 25.1N-3.123E-0.7, h143km, 2km, MV2.9/17, NW OFF ISHIGAKIJIMA IS

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like YON Yonaguni jima, YJNG Yonagunijimaku, etc.

IDC 22 00:12:05.1, 3.1, 3.82S-151.14E, h49km, 51km, mb3.4/7, mbmp3.9/8, ML2.0/1, MS2.8/4, Error ellipse: s-maj=61.7km s-min=29.8km az=120.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KRVT Keravat, PMG Port Moresby, etc.

IDC 22 00:12:04.1, 1.6, 3.75S-0.2, 151.1E-0.4, h35km, n13, 0.88/9, mb3.6/7, New Ireland region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KRVT Keravat, PMG Port Moresby, etc.

IDC 22 00:14:34.4, 2.6, 12.16N-142.03E, h151km, 29km, mb3.5/7, mbmp3.9/8, Error ellipse: s-maj=30.8km s-min=20.5km az=93.0

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

IDC 22 00:14:34.0, 1.8, 12.22N-0.1, 142.0E-0.1, h150km, n8, 0.057/9, mb3.9/7, South of Mariana Islands

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

NEIC 22 00:22:00.3, 2.0, 38.23N-0.01-117.81W-0.02, h9km, 5km, mb4.4/83, ML5.0/195, Mw4.7/202, Mw4.8/32, ML5.1/1(1), Error ellipse: s-maj=2.1km s-min=1.9km az=52.0, (MONT) Tensor Solution. Moment tensor: Scale

22d Oh

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1016Nm; M=0.17; Mw=0.88; Mw=0.71; Mw=0.14; Mw=1.08; Mw=0.11; Fault plane solution: M1.36000x1016 NP1: ...

RENT 22:00:22.00.6.2.3.38:23N.01.117:79W.0.02:h7km,3km Error ellipse: s-maj=2.3km s-min=1.6km az=223.0

NEIC 22:00:22.00.1.38:23N.117:81W,h9km Moment Tensor Solution. s29 Moment tensor: Mw=0.01;

GCMT 22:00:22.04.3.0.2.38:23N.01.117:77W.0.02:h12km, MW4.8/90, Moment Tensor Solution. s24,c26; s90,c128;

ISC 22:00:22.01.0.1.0.38:23N.0.02:117.79W.0.02:h7km, n223,08994/150,mb4.4/47,MS4.0/62,Nevada

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

Table with columns: GWWY, IAML, Pn, Pb, P, Sg, Lg, etc. Lists seismic events with their magnitudes, depths, and station codes.

Table with columns: BC3, K05A, YBH, YBH, BLYC, Q16A, Q16A, L04D, KMPM, MFID, PDAR, PDAR, PDAR, ANMO, ANMO, ANMO, NEW, NEW, TXAR, TXAR, TXAR, SAND, OZNA, BBB, JCT, PLPT, T35A, W35A, F33A, AGM, ULM, ULM, ULM, FFC, SPMN, HKT, WHAR, L40A, EPL0, T42A, I40A, JFWS, FVM, S34M, G40A, DLBC, I42A, TBO, YKAW, YKA, YKA, MPPY, N31M, TKL, TKL, J30M, J30M, CMG, SADO, SADO, KDAK, SCRK, I28M, G31M, F31M, INK, IL31, ILAR, ILAR, G21K, SCH0, SCH0, RES, FRB, FRB, POIN, SFJD. Lists seismic events with their magnitudes, depths, and station codes.

Table with columns: SFJD, comp, Z, 16nm, 1.0s, baz=255, slow=8.7, SNR=4.6, LR, LR, 00 48 39.6. Includes stations like Kangerlussuaq, North Greenlan, Shemya Is, Ala, San Juan, Summit, El Rosal, Danmarks Havn, etc.

Table with columns: BRTR, Keskin Array B, 98.12 22 LR, 01 20 45.5. Includes stations like AAK Ala-Archa, ASAR Aze Springs, DSN 22:00:30:47.2, OMAN 22:00:30:50.0, ISC 22:00:30:47.8, Code Station Name, Az, AZ, Phase ID, Time Res, ISC, h, m, s, ISC.

Table with columns: H40N3 CROZET ISLANDS, 25.9 210 T, 01 23 41.1. Includes stations like PALK Pallekele, MNAI Manne, KMBO Kilima Mbogo, Cape Leeuwin H, Cape Leeuwin H, Cape Leeuwin H, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKBB, HILR, CASP, RONA, MNK, etc.

CATAC 22.01:18.17.8.0.6, 7°N, 2.7°W, h155km, 5km, M3.8/12, mb3.7/4, ML3.9/12, Error ellipse: s-maj=12.4km

RSNC 22.01:18.19.7.0.0, 7°N, 1.7°W, h144km, 1km, M3.5, mb4.0, m3.5, 1, ML3.1, Mw(mb)4.5

FUNV 22.01:18.20.8.7.15N, 73.21W, h5km, MW3.4, Presumed earthquake

ISC 22.01:18.18.1.0-0.9, 6.88N, 0.03-7.315W, 0.05, h150km, 6km, n54, c139/95, mb3.1/3, Northern Colombia

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

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

DJA 22.01:34.20.8.0.3, 8°S, 4.107E, h69km, 5km, M4.0/30, mb4.7/3, ML3.6/30, Jawa

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

REN 22.02:01.45.8.1.3, 38°N, 13N, 0.03-118°07W, 0.04, h7km, 4km, Error ellipse: s-maj=6.1km, s-min=1.1km, az=46.0

NEIC 22.02:01.45.4.1.2, 38°N, 14N, 0.03-118°06W, 0.04, h5km, 1km, ml=2.8/76, ML2.7/70, Error ellipse: s-maj=7.0km, s-min=2.9km, az=48.0, California-Nevada border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NV11, NV07, NV06, etc.

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

IDC 22.02:01.48.4.0.8, 54°E, 62N, 161°87W, h0km, mb3.9/21, mbmp3.9/25, ML3.6/4, MS3.0/9, Error ellipse: s-maj=21.8km, s-min=13.4km, az=166.0

NEIC 22.02:01.56.3.1.6, 54°E, 69N, 0.04-161°46W, 0.05, h45km, 6km, mb4.0/43, ML3.8/26, ML3.7(AEIC), Error ellipse: s-maj=6.3km, s-min=4.5km, az=177.0

AEIC 22.02:01.56.5.2.7, 54°E, 66N, 0.05-161°43W, 0.05, h19km, 4km, Error ellipse: s-maj=8.5km, s-min=2.9km, az=157.0

ISC 22.02:01.56.2.0.9, 54.74N, 0.06-161.44W, 0.03, h51km, 7km, n159, c192/152, mb4.1/33, MS3.1/6, Alaska Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Dolgoi Island, Dutton Round H, Hague Volcano, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like L27K, C16K, N30M, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like AKASG, GERES, CONA, BURAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like WRA, ASAR, QSPA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LUNU Lund, ARSA Arzberg, BLEU Blekinge, etc.

NOU 22 03:20:03.6, 38°00'S: 177°61'E, h146km, MLV4.2/14, North Island, New Zealand
IDC 22 03:20:06.8, 1.6, 38°, 125°177'32"E, h94km, 14km, mb3.2/2, mbtm3.5/2, Error ellipse: s-maj=74.5km s-min=35.1km

WEL 22 03:20:08.9, 0.5, 38°S, 4°17'7"E, h62km, 5km, M4, 0/42, M4, 0/44, MLV4.0/42, Error ellipse: s-maj=4.6km s-min=4.2km az=175.8
ISC 22 03:20:07.2, 0.9, 37.85S, 0°04'177'40E, 0.4, h92km, 5km, n141, 0122/152, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OPCS Opotiki Colleg, RUGZ Raukumara Rang, HAZ Te Kaha, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WPRZ Whakapapatariri, KNZ Kokohu, WHWZ Waihua, etc.

AFAD 22 03:21:09.9, 39°42'N, 39°97'E, h12km, 3km, MW4.3
MOS 22 03:21:12.2, 1.2, 39°44'N, 40°03'E, h15km, mb4.2/13, Error ellipse: s-maj=8km s-min=4.1km az=79.1
NEIC 22 03:21:13.1, 1.9, 39°47'N, 05°40'E, h10km, 1km, mb3.4/11, Error ellipse: s-maj=9.4km s-min=6.6km az=136.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ERZN Erzinca, ERZN Uzumlu, ENLZ Tunceli-Merkez, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EDAM Erzurum-Paland, ESJJ Sivrice-Elazig, GUMT Gumushane, etc.

SODG comp=Z,170nm,13.0s MLR MLR
GUDG Gudaury 4.54 47 P Pn 03 22 24.6 +3.3
DGRG David-gareji 4.55 62 P Pb 03 22 26.0 -6.4

KBZ comp=Z,0.5nm,0.3s,baz=169,slow=6.9,SNR=8.4 Lg Lg 03 23 42.9
KBZ comp=Z,2.44nm,18.1s,baz=195,slow=43 Lg LR 03 24 37.5

BR104 Keskin Array S 4.95 276 P Pn 03 22 27.5 +0.7
BR131 Keskin Array S 4.95 276 P Pn 03 22 27.5 +0.6
BR13 Keskin Array S 4.95 276 P Pn 03 22 27.5 +0.7

BR105 Keskin Array S 4.95 276 P Pn 03 22 27.9 +0.8
BR106 Keskin Array S 4.95 276 P Pn 03 22 27.8 +0.7
SHTL Shatili 5.06 29 P Pn 03 22 30.0 +1.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BR105 Keskin Array S, BR106 Keskin Array S, SHTL Shatili, etc.

Table with columns: Station Name, Code, Azimuth, Elevation, Frequency, SNR, etc. Includes stations like MAK, YAL, TARU, GHAJ, etc.

Table with columns: Station Name, Code, Azimuth, Elevation, Frequency, SNR, etc. Includes stations like GERE, KHC, KLMR, CLL, etc.

Table with columns: Station Name, Code, Azimuth, Elevation, Frequency, SNR, etc. Includes stations like mbtmp, BUI, MOS, NEIC, NNC, etc.

PRU 22 03:22:20.150:19N:19.15E, h0km, Poland

Table with columns: Station Name, Code, Azimuth, Elevation, Frequency, SNR, etc. Includes stations like OJC, STEB, NIE, etc.

Table with columns: Station Name, Code, Azimuth, Elevation, Frequency, SNR, etc. Includes stations like SGDS, ALCI, KST, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like AFYON Kizoren, DEMIR Demirci, BUHA Balikesir, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like MARR Marisel-Cluj, AQU L'Aquila, DRGR, BURAR Bucovina Array, etc.

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like FUORN Ofenpass-Fuorn, FETA Feichten, KRKC Kraiky, etc.

Table with columns for station ID, name, elevation, coordinates, and status. Includes stations like Paulatuk, Prapat, Rantau Prapat, etc.

Table with columns for station ID, name, elevation, coordinates, and status. Includes stations like G30M, ERPA, F25K, etc.

Table with columns for station ID, name, elevation, coordinates, and status. Includes stations like POKR, EPLO, J29N, etc.

Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Station Type, and Time. Includes stations like DHY Denali Highway, JNU Nakatsue, and many others.

Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Station Type, and Time. Includes stations like P30M Million Dollar, O29M Mount Kennedy, and many others.

Table with columns: Station Name, Elevation, Azimuth, Azimuth Error, Station Type, and Time. Includes stations like KDAK Kodiak Island, R17L Mt. Pelek Vol, and many others.

ISC 22 04:06:35.01 0, 45:21N; 0:04:14.76E; 0:04, h10km; 10km, n12, e047/21, Northwesten Balkan Peninsula

Table with columns: Code, Station Name, Elevation, Azimuth, Azimuth Error, Station Type, and Time. Includes stations like RIV Rijeka, GBRs Gornja Briga, and many others.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like RETA, TUE, KHC, SENIN, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like HHC, HHC, HILR, KLR, etc.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ANTB, MANT, GAZI, CSS, etc.

1407

Table with columns: IZ1K, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other parameters. Includes stations like N15K Kwethluk River, CH6N Chignik, C16K Lisburne Hills, etc.

2020 MAY

Table with columns: IZ1K, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other parameters. Includes stations like BRSE Bradley Lake S, B22K Teshkupuk Lake, VYDA Vanda, etc.

22d 6h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other parameters. Includes stations like D28M Stokes, O28M Mount Upton, PINM Pineapple, etc.

Technical information including coordinates (e.g., 22 06:45:23.5, 1.34, 32'N; 26:05'E), station identifiers (e.g., h0km, mb3.7/10), and a table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, Power, and other parameters.

Table with columns: IDI, comp, Station Name, Az, Phase ID, Time, Res. Includes stations like Anoyia, Karpathos, Gavdhos, Varnos, Vimos, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GAR, KBL, CHGR, DRK, etc.

Table with columns: KLP, comp, Station Name, Az, Phase ID, Time, Res. Includes stations like Kalpa, Tian-Shan, Uzynbulak, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TRN, Anguilla, Leeward Islands, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KDJ, KAR, HRA, etc.

Table with columns: KLP, comp, Station Name, Az, Phase ID, Time, Res. Includes stations like CLM, CLM, NC303, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, h m s ISC. Includes stations like Huehuetenango, Alcantia de Sa, Lomas de Alarc, Las Nubes, etc.

IDC 22 07:40:16.6-0.8, 29°25'N-137°31'E, h17km, 13km, mb3.0/9, mbmp3.9/15, Error ellipse: s-maj=24.8km s-min=10.0km az=69.0

ISC 22 07:40:15.7-0.7, 29°22'N:0.1x137°22'E:0.1, h500km, n16, e119/19, mb3.6/8, Southeast of Honshu

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, h m s ISC. Includes stations like Hachijo jima 2, Chichijima, Natsukesu, etc.

IDC 22 07:48:59.7-5.0, 9°82'S-119°47'E, h48km, 46km, mb3.6/3, mbmp3.8/7, ML3.6/4, Error ellipse: s-maj=118.9km s-min=18.9km az=62.0

ISC 22 07:49:00.7-1.5, 9°65'S:0.1x120°1'E:0.3, h50km, n7, e296/9, mb3.8/3, Sumba region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, h m s ISC. Includes stations like Kappang, Warramunga Arr, etc.

ASRS 22 07:49:21.0:1.3, 54°16'N:86°52'E, h0km, M2.3(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022

IDC 22 07:49:26.6-0.3, 54°13'N:86°52'E, h0km, mbmp2.8/2, ML2.6/2, Error ellipse: s-maj=23.5km s-min=13.7km az=61.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, h m s ISC. Includes stations like ZALESOVO INFRA, Zalesovo Beam, Kurchatov Arr, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, h m s ISC. Includes stations like MKAR Makanchi Array, SONM Sogingo Array, WRA Warramunga Arr, ASAR Alice Springs.

NEIC 22 08:04:49.9:1.3, 55°78'S:0°07'30'W:0.2, h10km, 1km, mb4.6/17, Error ellipse: s-maj=23.2km s-min=3.7km az=58.0

IDC 22 08:04:59.4:7.4, 55°78'S:30°71'W, h85km, 69km, mb3.6/6, mbmp4.0/7, ML4.1/1, MS3.4/6, Error ellipse: s-maj=41.5km s-min=18.2km az=67.0

ISC 22 08:04:49.8:0.6, 55°75'S:0°13'30'W:0.1, h10km, n44, e098/35, mb4.5/11, MS3.3/5, 2D, South Sandwich Islands region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, h m s ISC. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

PLCA Paso Flores 30.20 293 LR comp=Z, 8.4nm, 0.8s mbmp=19.7, 5s, baz=154, slow=56

QSPA South Pole Qui 34.58 180 P comp=Z, 1.2nm, 0.7s, baz=154, slow=5.0, SNR=6.6

QSPA South Pole Qui 34.58 180 P comp=Z, 1.2nm, 0.7s

CPUP Villa Florida 35.27 315 P comp=Z, 2.4nm, 1.0s, baz=148, slow=9.6, SNR=3.9

CPUP Villa Florida 35.27 315 P comp=Z, 2.4nm, 1.0s

CPUP Villa Florida 35.27 315 P comp=Z, 2.4nm, 1.0s

CPUP Villa Florida 35.27 315 P comp=Z, 2.4nm, 1.0s

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CPUP Villa Florida 35.27 315 P comp=Z, 2.4nm, 1.0s

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, h m s ISC. Includes stations like TIR Tiranë, ULJC Ulcinj, SDA Shkodra, etc.

ASRS 22 08:05:20.0:1.3, 53°59'N:87°87'E, h0km, M2.6(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022

IDC 22 08:05:22.1:3, 53°56'N:87°96'E, h0km, mbmp2.8/2, ML2.6/2, Error ellipse: s-maj=38.6km s-min=19.1km az=49.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, h m s ISC. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arr, etc.

TIR 22 08:18:29.7, 41°54'N:19°68'E, h30km, 1km, Md2.7/7, Ml2.9/6 PDG 22 08:18:30.5:0.5, 41°52'N:19°53'E, h20km, MD3.2/1, ML3.1/1/3, Error ellipse: s-maj=0.5km s-min=1.3km az=0.0

BEQ 22 08:18:30.4:1.1, 50°50'N:19°52'E, h85km, 3km, ML2.0/1.5

THE 22 08:18:32.6:4.1, N7.7, 1.9E, h10km, M2.8/9, ML2.8/9

ISC 22 08:18:30.6:1.1, 41°53'N:0°02:19.62E:0.02, h20km, 3km, n90, e207/145, 9C-17D, Albania

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, h m s ISC. Includes stations like TIR Tiranë, ULJC Ulcinj, SDA Shkodra, etc.

22d 8h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include OBKA, GORS, ARSA, KECS, WTTA.

VAO 22 08:19:59.4-0.7, 13.57S:75.26W, h10km, mb4.1, Presumed earthquake
NEIC 22 08:20:09.7-1.5, 13.55S:07.47W:0.1, h62km, 4km, mb4.4/13, Error ellipse: s-maj=20.5km s-min=11.4km az=68.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include CZSB, PB18, PB12, PB16, LPZA, ATAH, ATAH, ATAH.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include ATAH, ATAH, ATAH, ATAH, ATAH, ATAH.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include ATAH, ATAH, ATAH, ATAH, ATAH, ATAH.

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2020 MAY

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include TA01, TA01, TA01, TA01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include TA01, TA01, TA01, TA01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include TA01, TA01, TA01, TA01.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include TA01, TA01, TA01, TA01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include TA01, TA01, TA01, TA01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include TA01, TA01, TA01, TA01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include TA01, TA01, TA01, TA01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include TA01, TA01, TA01, TA01.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include TA01, TA01, TA01, TA01.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include TA01, TA01, TA01, TA01.

1412

GFZ 22 08:46:08.7:22.48N:107.89W, h14km, MW6.1, Moment Tensor Solution. s36 Moment tensor: Mr=0.28; Mw=0.76; Ms=1.04; Mm=2.06; Ml=1.70; Mv=0.03; Fault plane solution: NP1:284.000000; 887.000000; -1.171.000000. NP2:193.000000; 881.000000; -2.000000. Principal axes: T 2.0800, P3.0000, Azm58.0000; N -0.2600, P1g81.0000; Azm32.0000; P -1.8200, P1g7.0000, Azm149.0000;

CATAC 22 08:46:09.3:0.4.23.22N:14.4.10.8W; h1km, 2km, M5.8/42, m5.4/42, m6.1/40, MLV5.8/3, MW(mB)5.7/40, MWMWps:8/24, Mwp5.9/24. Error ellipse: s-maj=10.4km s-min=3.6km az=36.2. Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr=0.17; Mw=0.78; Ms=0.95; Mm=0.04; Ml=0.71; Mv=1.04; Fault plane solution: M2:18338.1018 NP1:282.10935; 862.55842; 1.177.94694. NP2:13.05581; 888.17803; 1.27.45663. Principal axes: T 2.3345, P1g20.3863; Azm241.0362; N -0.2428, P1g62.4877; Azm16.5573; P -1.9917, P1g7.6610; Azm144.2409; confirmed

GCMT 22 08:46:11.0:0.1.22.54N:107.91W, h15km, MW6.2/168, Moment Tensor Solution. s153.c341; s168.c632; Duration: 2s9 Moment tensor: Scale 10^18Nm; Mr=0.26; Mw=0.87; Ms=1.01; Mm=1.35; Ml=0.09; Mv=0.03; Best fit: M2:14500.1018 NP1:194.000000; 887.000000; 1.3.000000. NP2:104.000000; 887.000000; 1.177.000000. Principal axes: T 2.2790, P1g4.0000; Azm59.0000; N -0.2720, P1g66.0000; Azm240.0000; P -2.0110, P1g0.0000; Azm149.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

NEIC 22 08:46:12.6:2.191N:107.95W, h16km, Moment Tensor Solution. Duration: 51.0. Moment tensor: Scale 10^18 Nm; Mr=0.09; Mw=0.74; Ms=0.83; Mm=0.15; Ml=1.67; Mv=0.35; Fault plane solution: M1:8300.0169 NP1: 61.282.90000; 877.380000; 1.177.19000. NP2: 61.282.90000; 877.260000; 1.12.63000. Principal axes: T 1.9220, P1g7.0000; Azm328.0000; N -0.0593, P1g77.0000; Azm0.0000; P -1.8626, P1g11.0000; Azm147.0000;

ISC 22 08:46:07.6:0.3.22.37N:100.03S:108.02W:0.03, h10km, h10km:pp-P, P1583, e2:171646, m5.8/234, MS6.0/444, 73C-62D, Off coast of central Mexico

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include MAIG, MAIG, MAIG, MAIG.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include MAIG, MAIG, MAIG, MAIG.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include MAIG, MAIG, MAIG, MAIG.

ASRS 22 08:34:28.0:1.1.53.99N:86.47E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.
ISC 22 08:34:30.6:3.0.53.99N:86.56E, h0km, mbmp2.6/2, ML2.3/2, Error ellipse: s-maj=23.4km s-min=14.0km az=63.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include H46RU, ZALV, ZALV, KURBB, MKAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include MKAR, MKAR, MKAR, MKAR.

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Table with columns for station name, time, and status. Includes stations like TUC, GD2L, PIX, PINAC, etc.

Table with columns for station name, time, and status. Includes stations like P5NO, COEG, CVCS, etc.

Table with columns for station name, time, and status. Includes stations like GOGA, GOGA, GOGA, etc.

Table with columns for station ID, name, elevation, frequency, mode, and other parameters. Includes stations like N30M Aishkik Lake, YUK6 Outpost Mounta, and J30M Hart River.

Table with columns for station ID, name, elevation, frequency, mode, and other parameters. Includes stations like BMRM Bremner River, G29M Mount Dampster, and J29M Klondike Camp.

Table with columns for station ID, name, elevation, frequency, mode, and other parameters. Includes stations like KNK baz=126, SCRK Sand Creek, and J27K Salcha River.

22d 8h

Table with columns for station ID, name, coordinates, and various data points. Includes stations like ILAR, F28M, SKT, L22K, MCK, PRP, R17L, E29M, TEFE, ILON, O19K, P18K, TRF, COLA, POKR, O18K, O19K, O18K, BWN, G26K, CHGN, M20K, M20K, NEA2, NEA2, N19K, R16K, Q16K, Q16K, KTH, KTH, FYU, E28M, E28M, E28M, CHNA, CHNA, BOAV, BOAV, BOAV, BOAV, BOAV, P17K, P17K, PPLA, PPLA, PPLA, E27K, E27K, E27K, BPAW, BPAW, BPAW, H24K, H24K.

2020 MAY

Table with columns for station ID, name, coordinates, and various data points. Includes stations like CAST, I23K, G25K, G25K, D28M, S14K, S14K, F26K, F26K, F26K, N18K, N18K, A36M, A36M, O17K, O17K, SDPT, SDPT, CHUM, CHUM, P16K, P16K, G24K, G24K, G24K, MLY, MLY, MLY, L19K, L19K, L19K, F25K, F25K, F25K, D27M, D27M, D27M, M18K, M18K, H23K, H23K, H23K, N17K, N17K, N17K, O16K, O16K, O16K, K20K, K20K, K20K, E25K, E25K, E25K, I21K, I21K, I21K, F24K, F24K, F24K, M17K, M17K, M17K, H22K, H22K, H22K, J20K, J20K, J20K, L18K, L18K, L18K, L18K, G23K, G23K, G23K, O15K, O15K, O15K, N16K, N16K, N16K, PTCN, PTCN, C27K, C27K, C27K, C27K, H21K, H21K, H21K, H21K, E24K, E24K.

1416

Table with columns for station ID, name, coordinates, and various data points. Includes stations like E24K, E24K, XMAS, I20K, I20K, J19K, J19K, J19K, M16K, M16K, M16K, G22K, G22K, G22K, N15K, N15K, N15K, N15K, L17K, L17K, L17K, D25K, D25K, D25K, C26K, C26K, C26K, E23K, E23K, E23K, E23K, O14K, O14K, O14K, K17K, K17K, K17K, H20K, H20K, H20K, L16K, L16K, L16K, G21K, G21K, G21K, G21K, TOLK, TOLK, TOLK, MACA, MACA, MACA, MACA, M15K, M15K, M15K, F22K, F22K, F22K, RES, RES, RES, D24K, D24K, D24K, N14K, N14K, N14K, N14K, GCSA, GCSA, GCSA, F21K, F21K, F21K, F21K, E22K, E22K, E22K, E22K, POIN, POIN, H19K, H19K, H19K, H19K, J17K, J17K, J17K, J17K, H18K, H18K, H18K, H18K, F20K, F20K, F20K, F20K, F20K, G19K, G19K, G19K, G19K.

22d 8h

GO06	comp-Z,231nm,1.9s	IAMs_20	IAMs_20	09 21 12.5			
ITU3	comp-Z,6um,20.0s						
LR05	Corumbazu	70.51	P	P	08 57 22.6	-0.4	
	Currie	70.71	120	IAMs_20	IAMs_20	09 21 35.0	
PSET	comp-Z,6um,20.0s						
PSET	Sete Cidades	70.77	56	eP	P	08 57 24.2	-0.3
	comp-Z,420nm,1.5s						
PSET				eLR	LR	09 19 14.2	
PSET				iIAMs_20	IAMs_20	09 20 42.7	
PDA	comp-Z,769nm,21.6s						
PDA	Ponta Delgada	70.83	56	eP	P	08 57 25.0	+0.2
				iIAMb	IAMB	08 57 29.5	
SDBA	comp-Z,569nm,1.1s						
SDBA	SAO DESIDERIO	70.84	113	eP	P	08 57 24.1	-1.1
SDBA	SAO DESIDERIO	70.84	113	P	S	08 57 25.0	-0.1
SDBA				S	P	09 06 42.4	+1.6
IPMB	Ipameri, GO	70.91	119	eP	P	08 57 24.6	-1.0
IPMB	Ipameri, GO	70.91	119	P	S	08 57 25.2	-0.4
IPMB				S	P	09 06 43.5	+2.0
CMLA	Cha da Macela	70.94	56	eP	P	08 57 24.8	-0.6
CMLA				iIAMb	IAMB	08 57 30.2	
CMLA	comp-Z,350nm,1.2s						
CMLA				eLR	LR	09 19 38.1	
CMLA				iIAMs_20	IAMs_20	09 20 46.0	
CMLA	comp-Z,705nm,21.6s						
CMLA	Cha da Macela	70.94	56	IAMs_20	IAMs_20	09 30 57.0	
SBBR	Sobral	71.02	102	P	P	08 57 25.7	-0.5
SBBR				S	S	09 06 44.0	+1.2
NBMO	Morinhos-CE	71.04	102	eP	P	08 57 24.4	-2.0
NBMO	Morinhos-CE	71.04	102	P	S	08 57 25.8	-0.6
NBMO				S	P	09 06 45.4	+2.3
NBMO				S	P	08 57 25.2	-0.4
IBART	Pico Bartolome	71.21	56	eP	P	08 57 24.8	-2.4
BART				iIAMb	IAMB	08 57 31.9	
PSMN	comp-Z,444nm,1.9s						
PSMN	Pico do Norte,	71.48	57	eP	P	08 57 25.8	-2.9
PSMN				iIAMb	IAMB	08 57 30.6	
PSMN	comp-Z,243nm,2.4s						
PSMN				eLR	LR	09 19 38.1	
PSMN				iIAMs_20	IAMs_20	09 19 46.8	
PSMN	comp-Z,591nm,23.1s						
PTGB	Pitanga	71.70	127	eP	P	08 57 28.8	-1.4
PTGB	Pitanga	71.70	127	P	P	08 57 31.4	-0.8
PLCA	Paso Flores	71.80	151	P	P	08 57 30.1	+0.6
PLCA							
PLCA	comp-Z,34nm,1.0s,baz=334,slow=7.3,SNR=35			LR	LR	09 22 32.4	
PLCA	comp-Z,7um,19.3s,baz=354,slow=30						
PLCA	Paso Flores	71.80	151	P	P	08 57 30.0	-0.4
PLCA	Paso Flores	71.80	151	P	P	08 57 31.2	+0.7
PSAL	Palomas, Salto	71.83	136	eP	P	08 57 30.7	-0.1
JMI	Jan Mayen	72.05	20	eP	P	08 57 30.5	-1.0
JMI				iVMB		08 57 35.5	
JMI	comp-Z,1um,1.6s						
JMI				eS	S	09 06 54.0	+1.1
JMI				iVMS_BB	iVMS_BB	09 29 23.8	
JMIC	comp-Z,12um,14.5s						
JMIC	Jan Mayen	72.10	20	LR	LR	09 29 36.3	
JMIC	comp-Z,26um,18.2s,baz=280,slow=36						
JMIC	Jan Mayen	72.10	20	eP	P	08 57 30.4	-1.4
JMIC				iVMB		08 57 33.9	
JMIC	comp-Z,2um,1.7s						
JMIC				eS	S	09 06 53.8	+0.3
JMIC				eSS	SS	09 11 32.0	+2.0
JMIC				iVMS_BB	iVMS_BB	09 29 25.8	
JNW	comp-Z,11um,13.3s						
JNW	Jan Mayen West	72.11	20	eP	P	08 57 30.9	-1.0
JNW				iVMB		08 57 31.9	
JNW	comp-Z,1um,1.9s						
JNW				eS	S	09 06 55.3	+1.6
JNW				eSS	SS	09 11 33.4	+3.2
JNW				iVMS_BB	iVMS_BB	09 29 25.9	
AFI	comp-Z,10um,12.3s						
AFI	Afiamalú	72.12	246	LR	LR	09 23 20.3	
LL07	comp-Z,7um,18.0s,baz=61,slow=31						
LL07	Hotel Espejo d	72.27	154	IAMs_20	IAMs_20	09 21 52.2	
BB19B	Bebedouro	72.32	122	eP	P	08 57 33.3	-0.7
BB19B	Bebedouro	72.32	122	P	P	08 57 33.7	-0.3
NBPB	Pedra Branca-C	72.40	104	P	P	08 57 35.5	+0.9
NBPB				S	S	09 07 01.4	+2.7
NBPB				S	S	08 57 33.1	-0.9
GO07	Milladeo Hill,	72.42	154	IAMB	IAMB	08 57 36.9	
GO07							
GO07	comp-Z,140nm,1.3s						
GO07				IAMs_20	IAMs_20	09 21 40.4	
JANB	comp-Z,8um,21.0s						
JANB	Januaria	72.63	115	eP	P	08 57 34.1	-1.9
JANB	Januaria	72.63	115	P	P	08 57 36.1	+0.2
JANB				S	S	09 07 02.6	+1.2
PMNB	Patos De Minas	72.64	119	P	P	08 57 36.3	+0.4
PMNB				S	S	09 07 03.6	+2.2
FRFB	Fatura	72.78	125	P	P	08 57 37.0	+0.4
LL02	Fataleuf	73.23	153	IAMs_20	IAMs_20	09 22 05.8	
CANS	Sao Roque de M	73.59	121	P	P	08 57 41.7	+0.1
CANS				S	S	09 07 15.2	+2.9
CANS				eP	P	08 57 40.0	-0.7
CANS	Kingsbay	73.63	10	eP	P	08 58 03.6	
KBS	comp-Z,2um,2.5s						
KBS				eS	S	09 07 11.1	+0.3
KBS				eSS	SS	09 11 54.9	+1.8
KBS				iVMS_BB	iVMS_BB	09 31 16.2	
KBS	Kingsbay	73.63	10	eP	P	08 57 40.4	-0.4
KBS							
KBS	comp-Z,10um,15.4s						
KBS				MLR	MLR	09 35 04.0	
KBS	comp-Z,95nm,1.3s						
KBS							
KBS	comp-Z,21um,17.0s						
KBS	Kingsbay	73.63	10	iP	P	08 57 42.1	+1.3
RCLB	Rio Claro- Sao	73.83	123	eP	P	08 57 42.0	-0.9
RCLB	Rio Claro- Sao	73.83	123	P	P	08 57 43.6	+0.9
RCLB				S	S	09 07 45.8	+2.1
NBMA	Muriti-CE	73.91	105	eP	P	08 57 42.3	-1.2
NBMA	Muriti-CE	73.91	105	P	P	08 57 44.0	+0.4
NBMA				S	S	09 07 19.1	+3.0
TRQA	Tornquist	74.04	144	IAMs_20	IAMs_20	09 25 04.8	
TRQA	comp-Z,7um,19.0s						
TRQA	Tornquist	74.04	144	P	P	08 57 44.2	+0.5
CP5B	Cacapava Do Su	74.16	133	eP	P	08 57 44.0	-0.6
CP5B	Cacapava Do Su	74.16	133	P	P	08 57 44.7	+0.1
TJ01	Guarupa-PR	74.31	126	P	P	08 57 48.6	+2.9
PET	Petropavlovsk	74.39	321	IAMs_20	IAMs_20	09 23 42.6	
PET	Petropavlovsk	74.39	321	dIP	P	08 57 46.4	+0.8
PET				eS	S	09 07 21.0	+0.9
PET							
PET	comp-Z,600nm,20.4s						
PET				MLR	MLR	09 32 12.6	
PET	comp-Z,2um,18.0s						
PET				MLR	MLR	09 32 12.6	
SPB	comp-Z,2um,15.0s						
SPB	Sao Paulo	74.54	124	P	P	08 57 46.2	-0.7
SPB				IAMs_20	IAMs_20	09 29 11.1	
SPB	comp-Z,8um,21.0s						
SPB	Sao Paulo	74.54	124	eP	P	08 57 45.8	-1.2
VABV	Valinhos	74.58	123	P	P	08 57 47.8	+0.5
VABV				S	S	09 07 25.0	+1.7
VADV	Valinhos	74.58	123	eP	P	08 57 45.1	-1.4
SEY	Seymchan	74.58	332	LR	LR	09 28 03.3	
SEY	comp-Z,6um,20.8s,baz=70,slow=34						
SEY	Seymchan	74.58	332	eP	P	08 57 43.3	-3.3
SEY							
SEY	comp-Z,62nm,1.2s						
NBPA	Parau RN	74.71	103	eP	P	08 57 47.0	-1.1
NBPA	Parau RN	74.71	103	P	P	08 57 51.6	+3.5
NBPA				S	S	09 07 28.6	+3.7
SPA0	Spitsbergen Ar	74.78	10	eP	P	08 57 46.4	-1.1
SPA0				iVMB		08 57 49.7	
SPA0	comp-Z,826nm,2.8s						
SPA0				eS	S	09 07 24.7	+0.8
SPA0				eSS	SS	09 12 12.8	+2.1
SPA0				iVMS_BB	iVMS_BB	09 31 51.8	
SPA0	comp-Z,8um,15.9s						
SPITS	Spitsbergen Ar	74.78	10	P	P	08 57 47.1	-0.5
SPITS	comp-Z,3.7nm,0.6s,baz=258,slow=1.6,SNR=12						
SPITS				LR	LR	09 32 12.6	
SPITS	comp-Z,22um,18.3s,baz=303,slow=37						
SPITS	Spitsbergen Ar	74.78	10	P	P	08 57 46.9	-0.7
SPITS							
SPITS	comp-Z,178nm,1.5s						
SPB2	Spitsbergen Ar	74.79	10	P	P	08 57 45.7	-1.9

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PEA0B	Petropavlovsk-	74.92	321	dEP	P	08 57 43.7	-5.1
PETK	Petropavlovsk-	74.92	321	P	P	08 57 49.9	+1.1
	comp-Z,15nm,1.0s,baz=74,slow=11,SNR=17						
PETK							
PETK	comp-Z,1um,20.5s,baz=65,slow=33						
PETK				LR	LR	09 27 50.5	
PET01	Itnahem-SP	75.04	125	eP	P	08 57 49.4	-0.4
PET01	Itnahem-SP	75.04	125	P	P	08 57 50.1	+0.3
PET01				S	S	09 07 32.1	+3.9
COYC	Coyhaique	75.10	155	IAMs_20	IAMs_20	09 23 32.3	
BSCB	B						

22d 8h

Table with columns for station codes (e.g., KLMR, VLC, PMSA), station names, coordinates, and various data points including magnitudes and times.

2020 MAY

Table with columns for station codes (e.g., ARTI, VORR, VSR), station names, coordinates, and various data points including magnitudes and times.

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Table with columns for station codes (e.g., UZB, UZB, UZB), station names, coordinates, and various data points including magnitudes and times.

CATAC 22 08:54:19.8±0.9, 15°N±4.1, 99°44'W±1.1, h18km, 7km, M4.1, 7, Error ellipse: s-maj=11.0km s-min=5.9km az=54.7, confirmed GCG 22 08:54:22.6±1.8, 14.90N:93.48W, h36km, 99km, MD4.0, Presumed earthquake

ISC 22 08:54:13.2.3.4, 14'6N:071-93'9W:0.2,h30km,n12, c1564/16,Near coast of Chiapas

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like THIG, RTAL, TGIG, QUEO, etc.

SCB 22 09:11:50.4.1.3.21:50S:66.81W,h225km,14km,MB5.8, ML3.5/2, Error ellipse: s-maj=6.0km s-min=4.6km az=0.0

ISC 22 09:11:52.0.1.5.21:44S:008.66:80W:0.07,h207km,n15, c0584/17,Southern Bolivia

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like MOCB, YJA, YB9, etc.

ISC 22 09:16:20.1.1.34:35N:25.89E,h5km,ML3.3/12

IDC 22 09:16:20.1.1.34:41N:25.89E,h0km,mb3.8/10, mbtmp3.7/16,ML3.6/5, Error ellipse: s-maj=21.4km s-min=15.3km az=12.0

NEIC 22 09:16:22.0.1.5.34:41N:0.08:25.85E:0.06,h10km,1km, mb4.2/11, Error ellipse: s-maj=13.7km s-min=8.3km az=164.0

ATH 22 09:16:24.9.0.7.34:55N:25.99E,h13km,ML3.3/7, Latitude uncertainty: 4 km; Longitude uncertainty: 3 km

THE 22 09:16:25.1.35'N:11'2.6E:1'0,h1km,15km,M3.1/5, MLh3.1/5

ISC 22 09:16:21.4.1.4.34:38N:0.05:25.90E:0.03,h9km,8km,n75,c1506/86,mb3.9/14,Crete

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like ZKR, ZKR, ZKR, etc.

ISC 22 09:34:04.0.0.5.44:25N:115.16W,h0km,mb3.8/4, mbtmp3.6/15,ML3.4/10, Error ellipse: s-maj=7.7km s-min=5.1km az=81.0

NEIC 22 09:34:04.0.8.1.8.44:28N:0.03:115.08W:0.04,h11km,6km, mb3.8/9,ML3.7/123, Error ellipse: s-maj=4.1km s-min=3.4km az=222.0

ISC 22 09:34:04.7.0.6.44:31N:0.03:114.95W:0.03,h10km,n78, c2502/64,mb3.8/4,Western Idaho

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like TOR, ARCES, ARCES, etc.

SKHL 22 09:19:27.8.0.3.44:10N:146.10E,h138km,3km,mb4.3/3, n75.5/03

JMA 22 09:19:28.2.0.3.44'N:146.10E,h130km,2km,MV3.0/33, NEAR KUNASHIRI ISLAND

ISC 22 09:19:28.0.2.0.44:09N:008.146:11E:0.07, h135km,13km,n21,c059/31,Kuril Islands

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like YUZ, YUK, YUK, etc.

IDC 22 09:34:04.0.0.5.44:25N:115.16W,h0km,mb3.8/4, mbtmp3.6/15,ML3.4/10, Error ellipse: s-maj=7.7km s-min=5.1km az=81.0

NEIC 22 09:34:04.0.8.1.8.44:28N:0.03:115.08W:0.04,h11km,6km, mb3.8/9,ML3.7/123, Error ellipse: s-maj=4.1km s-min=3.4km az=222.0

ISC 22 09:34:04.7.0.6.44:31N:0.03:114.95W:0.03,h10km,n78, c2502/64,mb3.8/4,Western Idaho

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like HLID, HLID, PLID, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like H17A, SNOW, SNOW, etc.

22d 11h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like YKA Yellowknife Ar, YKAW3 Yellowknife Wh, BLKN Baker Lake, etc.

ASRS 22 09:40:07.0±0.5, 53°54N; 87°47'E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS 2022.

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

HEL 22 09:47:59.8±0.1, 63°37'N; 26°69'E, h0km, ML1.1, Explosion, Finland

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like NIF Nilsia, SUF Sumiainen, KAF Kangasniemi, etc.

IDC 22 10:01:53.5±1.1, 34°28'N; 25°57'E, h0km, mb3.7/11, mbmp3.8/17, ML3.9/5, Error ellipse: s-maj=20.1km s-min=15.5km

ISK 22 10:01:53.9, 34.24N±25.54E, h5km, ML3.1/13, ISC 22 10:01:55.9±0.8, 34°19'N; 08°52'E; 0.07, h17km, n31, ±128/33, mb3.7/10, Crete

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like ZKR Zakros, ANOYIA Anoyia, etc.

2020 MAY

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like ARCES ARCES Array B, BVAR Borovoye Array, etc.

JMA 22 10:14:26.9±0.3, 30°7'N; 0°9'14'2"E, h43km, MV4.0/22, NEAR TORISHIMA IS

IDC 22 10:14:27.8±0.9, 30°46'N; 141°55'E, h0km, mb3.5/8, mbmp3.6/11, ML3.3/3, Error ellipse: s-maj=34.9km s-min=14.6km az=79.0

ISC 22 10:14:31.0±0.7, 30°57'N; 0°06'141.9E; 0.1, h23km, n18, ±183/22, mb3.5/7, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like JHJ Hachiojima, CBJ Chichi jima, etc.

DSN 22 10:29:43.3±0.7, 27°68'N; 56°54'E, h10km, ML2.5/5, Error ellipse: s-maj=37.3km s-min=8.8km az=101.0

TEH 22 10:29:44.1, 27°46'N; 56.78E, h12km, 25km, ML3.3, Presumed earthquake

ISC 22 10:29:44.3±1.2, 27°58'N; 0°05'56.71E; 0.06, h18km, n12, ±181/14, Southern Iran

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like GNO Geno, KHN Khanjooj, etc.

IDC 22 10:31:07.2±1.1, 34°49'N; 25°84'E, h0km, mb3.8/13, mbmp3.8/22, ML3.5/9, Error ellipse: s-maj=20.8km s-min=13.1km az=7.0

ATH 22 10:31:09.2±0.4, 34°35'N; 26°07'E, h12km, ML3.6/12, Latitude uncertainty: 3 km; Longitude uncertainty: 1 km

ISC 22 10:31:10.9, 35°14'±2°65', h0km, 2km, M3.4/9, ML3.4/9, TEH 22 10:31:07.5±1.3, 30°10'N; 0°05'25.98E; 0.05, h5km, 9km, ±102/14, Crete

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like ZKR Zakros, ANOYIA Anoyia, etc.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like ATH Athens Unvers, DION Dionioss Attik, etc.

IDC 22 10:42:01.7±1.3, 34°30'N; 25°86'E, h0km, mb3.6/7, mbmp3.5/10, ML3.3/3, Error ellipse: s-maj=24.9km s-min=19.2km az=31.0

ISC 22 10:42:06.1±1.0, 34°32'N; 0°12'59.0E; 0.1, h32km, n11, ±113/12, mb3.4/6, Crete

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like ANOYIA Anoyia, EIL Elat, etc.

NOU 22 11:00:21.6, 21°21'S; 177°62'W, h445km, mb4.2/24, Fiji Islands Region

IDC 22 11:00:23.0±1.8, 21°31'S; 177°98'W, h421km, 17km, mb3.5/11, mbmp4.3/14, Error ellipse: s-maj=19.4km s-min=13.5km az=81.2

NEIC 22 11:00:24.1±0.9, 21°22'S; 0.1; 177°9W; 0.1, h436km, 9km, mb4.3/34, Error ellipse: s-maj=19.5km s-min=13.8km az=186.0

ISC 22 11:00:24.4±0.5, 21°34'S; 0°06'177.84W; 0.07, h450km, n133, ±203/143, mb4.2/29, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like LKBA Tubou, MSVF Nonavau, etc.

Table with columns: Station Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like SARAOUITOU, WAIHEKE ISLAND, KOUNC, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like TANANA, ZAKROS, SITEIA, etc.

Table with columns: Station Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like Zeytinokoy-Aydi, Nazilli-Aydin, etc.

Table with columns: Station, Frequency, Mode, Power, and other parameters. Includes stations like VRAC Vranov, KIEV Kiev, AKASG Malin Array Be, etc.

Table with columns: Station, Frequency, Mode, Power, and other parameters. Includes stations like ARTI ARCES ARCESS Array B, KK31 Karatay Array, etc.

Table with columns: Station, Frequency, Mode, Power, and other parameters. Includes stations like KARP Karpathos, KARP Karpathos, GVD Gavdhos, etc.

Table with columns: HFS, LR, LR, 11 25 11.3, etc. Includes entries like FINES, FIA1, FURI, NOA, AB31, etc.

Table with columns: JNU, Nakatsue, 6.06 18 P Pn, etc. Includes entries like JNU, YHNB, NACB, etc.

Table with columns: K17K, Ilditarod, 58.32 31 P P, etc. Includes entries like K17K, H18K, O16K, etc.

ADC 22 11:11:46.1±0.5, 27.37N; 128°53'E, h43km, 5km, mb3.9/26, mbmp4.1/28, ML3.9/2, MS3.7/3, Error ellipse: s-maj=15.0km s-min=7.7km az=106.0

NIED 22 11:11:46.6, 27.39N; 128°58'E, h42km, MW4.3, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mn=0.68; Mw=1.47; Mx=2.15; Mz=3.57; Mw=0.56; Mw=0.74;

Fault plane solution: N3.69000x10^15 NPl; 6.329 0000; 3.14 00000; 1.173 00000. NP2: 6.368 00000; 3.88 00000; 7.8 00000.

JMA 22 11:11:46.6±0.1, 27.4N; 0.4-128.7E±0.7, h42km, MD4.1/23, MW4.2/23, NEAR OKINAWAJIMA ISLAND.

JMA Felt III J1 at NEAR OKINAWAJIMA ISLAND. NEIC 22 11:11:47.9±0.8, 27.39N; 0.03-128.39E±0.8, h54km, 5km, mb4.6/57, Error ellipse: s-maj=10.4km s-min=2.4km az=69.0

ISC 22 11:11:46.0±0.6, 27.34N; 0.03-128.68E±0.04, h45km, 5km, n335, t1961/329, mb4.5/56, Ryukyu Islands

Table with columns: Code, Station Name, Delta, Phase ID, Time, Res. Includes entries like JOKE, JOKE, JYRO, etc.

Table with columns: K17K, Ilditarod, 58.32 31 P P, etc. Includes entries like K17K, H18K, O16K, etc.

22d 11h

Table with columns: ICAO, Name, Az, El, Type, Time, Res, and other parameters. Includes stations like MCK, F24K, H24K, WAT1, G24K, COLA, D25K, POKR, etc.

2020 MAY

Table with columns: ICAO, Name, Az, El, Type, Time, Res, and other parameters. Includes stations like HYT, P30M, N31M, O30N, A36M, etc.

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Table with columns: ICAO, Name, Az, El, Type, Time, Res, and other parameters. Includes stations like YULB, FITZ, FITZ, WBO, WRAB, WRA, etc.

22d 12h

Table with columns: SPITS, Spitsbergen Ar, 44.19 357 P, P, 11 52 07.6 +0.8, etc. Includes various station names and coordinates.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes station codes like MKAR, KURBB, CMAR, ZALV, etc.

NCEDEC 22 11:46:21.2-1.0, 36.581N, 0.009-121.178W, 0.009, h6km, 1km, Error ellipse: s-maj=1.4km s-min=1.0km az=190.0

NEIC 22 11:46:21.2-0.9, 36.559N, 0.010-121.214W, 0.007, h5km, 1km, ML2, 2/28, Md2, 7/50(NCEDEC), Error ellipse: s-maj=2.3km s-min=1.8km az=64.0, Central California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes station codes like BJOM, BGMG, BJCM, BSGM, etc.

2020 MAY

Table with columns: BPOM, Post Ranch, 0.56 234 Pg, 11 46 32.4 +0.5, etc. Includes various station names and coordinates.

IDC 22 11:48:15.9-0.6, 2.89S, 129.41E, h0km, mb4.3/16, mbtmp4.4/20, ML3.4/4, MS3.6/12, Error ellipse: s-maj=23.8km s-min=13.2km az=78.0

NEIC 22 11:48:18.1-1.7, 2.79S, 0.05x129.60E, 0.04, h10km, 1km, mb4.5/25, Error ellipse: s-maj=10.8km s-min=3.3km az=144.0

DJA 22 11:49:18.0-0.1, 3.52S, 133.0E, h10km, M4.7/28, mb4.7/22, mb5.5/5, MLV4.6/28, Mw(MB)5.0/5

ISC 22 11:49:20.5-0.4, 2.90S, 0.04x129.56E, 0.05, h28km, n107, s=156.9g, mb4.4/25, MS3.7/3, Serar1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes station codes like MSAI, KRAI, AAI, etc.

IDC 22 11:44:44.6-8.3, 32.26N, 84.29E, h0km, mb3.1/1, mbtmp3.2/4, ML3.4/2, Error ellipse: s-maj=284.0km s-min=29.7km az=64.0, Xizang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes station codes like MKAR, KURBB, CMAR, ZALV, etc.

1428

Table with columns: FORT, Forrest, 27.77 183 P, P, 11 54 06.4 -0.6, etc. Includes various station names and coordinates.

IDC 22 12:04:28.7-1.4, 49.58S, 125.69E, h0km, mb3.6/5, mbtmp3.8/6, ML2.0/1, Error ellipse: s-maj=63.4km s-min=20.7km az=94.0

ISC 22 12:04:30.2-1.1, 49.65S, 0.1x125.8E, 0.3, h10km, n13, 0.86E7, mb3.6/5, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes station codes like H01W1, H01W2, H01W3, etc.

IDC 22 12:09:15.4-0.8, 21.64N, 121.16E, h0km, mb3.8/11, mbtmp3.8/12, ML3.4/1, MS2.7/1, Error ellipse: s-maj=35.1km s-min=16.6km az=64.0

LZH	S	Sn	13 51 29.8 +6.9	NJ2	comp=Z,2.2nm,0.6s	pmax	pmax					
LZH	SS	S	13 51 38.5 +0.9	NJ2	comp=N,5um,15.2s	LR	LR					
LZH	pmax	pmax		NJ2	comp=E,2um,14.2s	LR	LR					
LZH	comp=Z,24nm,1.3s			NJ2	comp=Z,3um,14.2s	LR	LR					
LZH	comp=Z,190nm,4.1s			DL2	Dalian	29.84	68	P	P	13 50 54.0 -4.8		
LZH	comp=N,5um,10.3s			DL2				S	S	13 55 49.9 -3.4		
LZH	comp=E,1um,10.3s			DL2	comp=Z,56nm,0.9s			pmax	pmax			
LZH	comp=Z,2um,10.7s			DL2	comp=Z,300nm,3.5s			LR	LR			
KK31	Karatay Array	15.63 316	Pn	DL2	comp=N,2um,19.1s			LR	LR			
KK31	Karatay Array	15.63 316	Pn	DL2	comp=E,700nm,13.9s			LR	LR			
KK31	Karatay Array	15.63 316	Pn	DL2	comp=Z,970nm,13.3s			LR	LR			
KKAR	Karatay Array	15.63 316	Pn	ARTI	Arti	30.12	330	LR	LR	14 03 04.5		
KKAR	Karatay Array	15.63 316	Pn	SSE	Sheshan	30.30	83	P	S	13 51 03.5 +0.5		
HYB	Hyderabad	16.50 204	eP	SSE				P	S	13 56 06.3 +5.5		
HYB	IVMs_BB	IVMs_BB	IVMs_BB	SSE	comp=Z,7.0nm,0.4s			pmax	pmax			
HYB	IVMs_BB	IVMs_BB	IVMs_BB	SSE	comp=Z,130nm,3.5s			pmax	pmax			
KM12	Kunming	16.94 112	Pn	SSE	comp=Z,310nm,17.0s			LR	LR			
KM12	comp=Z,37nm,0.7s			SSE	comp=Z,370nm,16.8s			LR	LR			
KM12	comp=Z,1um,10.0s			MAK	Makhackkala	31.39	300c	eP	S	13 51 10.9 -1.5		
KM12	comp=Z,740nm,10.3s			MAK				P	S	13 56 16.2 -1.3		
CHTO	Chiang Mai	18.44 136	P	MAK				MLR	MLR			
CHTO	Chiang Mai	18.44 136	P	GNI	Garni	33.32	295	LR	LR	14 06 55.3		
CHTO	Chiang Mai Arr	18.44 136	P	GNI	comp=Z,292nm,21.3s			LR	LR			
KURBB	Kurchatov Arra	18.56 346	Pn	GNI	Belgornoy	33.53	317	LR	LR	14 06 31.1		
KURBB	comp=Z,0.1nm,0.3s,baz=167,slow=10.0,SNR=54			GNI	comp=Z,397nm,19.1s			LR	LR			
KURBB	comp=Z,334nm,19.8s,baz=172,slow=39			GNI	KBZ	Khabaz	34.80	301	LR	LR	14 08 04.0	
KURK	Kurchatov	18.63 346	P	GNI	comp=Z,152nm,19.1s			LR	LR			
KURK	comp=Z,1.5nm,0.8s			GNI	comp=Z,1.0nm,0.7s,baz=278,slow=9.0,SNR=3.4			LR	LR			
KURK	comp=Z,15nm,0.8s			GNI	KSR5	Korea Arr	34.86	70	P	P	13 51 43.6 +0.9	
CM31	Chiang Mai Arr	18.63 346	P	GNI	comp=Z,315nm,20.6s			LR	LR			
CM31	Chiang Mai Arr	18.72 136	P	GNI	RAYN	Ar Rayn	36.22	266	Iamb	Iamb	13 51 55.3 +0.6	
CMAR	Chiang Mai Arr	18.72 136	P	GNI	RAYN	Ar Rayn	36.22	266	Iamb	Iamb	13 52 02.4	
CMAR	Chiang Mai Arr	18.72 136	P	GNI	RAYN	Ar Rayn	36.22	266	P	pmax	13 51 57.4 +2.8	
CMAR	Chiang Mai Arr	18.72 136	P	GNI	RAYN	Ar Rayn	36.22	266	P	pmax	13 51 59.9 +2.2	
HRA	Herat	19.38 281	Iamb	GNI	NRK	Nori'sk	36.64	1	P	P	13 51 59.9 +2.2	
HRA	comp=Z,13nm,1.1s			GNI	NRK	Nori'sk	36.64	1	P	P	14 08 51.6	
XAN	Xi'an	19.65 80	P	GNI	NRK	Nori'sk	36.64	1	P	P	13 51 57.1 -0.6	
XAN	comp=Z,11nm,1.4s			GNI	NRK	Nori'sk	36.64	1	P	P	13 52 21.7	
XAN	comp=Z,4um,14.8s			GNI	NRK	Nori'sk	36.64	1	P	P	13 51 59.4 +1.7	
XAN	comp=Z,910nm,13.1s			GNI	NRK	Nori'sk	36.64	1	P	P	14 07 54.8	
XAN	comp=Z,1um,15.8s			GNI	NRK	Nori'sk	36.64	1	P	P	14 08 57.7	
KNGR	Kungtung, Tuv	19.93 23j	eP	GNI	NRK	Nori'sk	36.64	1	P	P	13 52 04.8 -1.7	
KNGR	comp=Z,31nm,1.0s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
ENH	Enshi	20.65 90	P	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
BT02	Baotou	21.10 61	eP	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
BT02	comp=Z,30nm,0.9s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
BT02	comp=Z,230nm,5.3s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
BT02	comp=Z,6um,12.8s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
BT02	comp=Z,2um,11.4s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
BT02	comp=Z,3um,13.8s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
ZAA0	Zalesovo Array	21.18 359	P	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
ZAA0	comp=Z,9.0nm,0.8s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
ZALV	Zalesovo Beam	21.18 359	P	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
ZALV	comp=Z,6.7nm,0.7s,baz=171,slow=10,SNR=28			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
ZALV	comp=Z,56nm,18.3s,baz=187,slow=41			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
ZALV	comp=Z,6.7nm,0.7s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
SOMM	Songio Array	21.86 40	P	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
SOMM	comp=Z,8.2nm,1.1s,baz=234,slow=11,SNR=11			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
SOMM	comp=Z,845nm,19.7s,baz=242,slow=38			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
SOMM	comp=Z,8.2nm,1.1s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
SOMM	Songio Array	21.86 40	P	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
SOMM	comp=Z,11nm,1.0s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
ZAK	Zakamensk	22.00 32	eP	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
ZAK	comp=Z,16nm,1.7s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
MOY	Mondy	22.04 26	eP	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
MOY	comp=Z,24nm,1.6s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
ULN	Ulanbaatar	22.24 41	P	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
ULN	comp=Z,23nm,1.4s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
ULN	Ulanbaatar	22.24 41	eP	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
ULN	comp=Z,22nm,1.7s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
BVAR	Borovoye Array	22.96 336	P	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
BVAR	comp=Z,2.5nm,0.7s,baz=218,slow=7.8,SNR=7.5			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
BORK	Borovoye	23.00 336	P	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
BORK	comp=Z,2.5nm,0.7s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
BORK	Borovoye	23.00 336j	eP	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
BORK	comp=Z,4.2nm,0.7s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
BORK	Borovoye	23.11 30	LR	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
BORK	comp=Z,5.0nm,0.8s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
IRK	Irkutsk	23.78 29	eP	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
IRK	comp=Z,738nm,20.6s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
HNS	HongShan	24.35 71	P	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
HNS	comp=Z,14nm,1.3s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
HNS	comp=Z,630nm,12.8s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
HNS	comp=Z,730nm,12.8s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
HNS	comp=Z,680nm,11.3s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
AB31	Akbulak array	25.15 318	P	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
AB31	comp=Z,6.0nm,0.9s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
ABKAR	Akbulak array	25.15 318	P	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
BJT	Baijiatatau	25.69 65	P	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
BJT	comp=Z,12nm,1.5s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
BJ2	Beijing	25.69 65	P	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
BJ2	comp=Z,5.0nm,1.9s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
BJ2	comp=Z,810nm,12.0s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
BJ2	comp=Z,240nm,18.7s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
BJ2	comp=Z,400nm,14.1s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
PALK	Pallekele	25.74 191	LR	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
QIZ	Qiongzong	25.79 116	P	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
QIZ	comp=Z,381nm,21.4s,baz=359,slow=37			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
QIZ	comp=Z,680nm,14.3s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
QIZ	comp=Z,430nm,13.7s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
QIZ	comp=Z,750nm,10.6s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
XLT	XiLinHaoTe	26.34 56	eP	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
XLT	comp=Z,9.0nm,0.9s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
AKTO	Aktyubinsk	26.82 319	LR	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
AKTO	comp=Z,588nm,18.1s			GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	
NJ2	Nanjing	28.16 82	eP	GNI	NRK	Nori'sk	36.64	1	P	P	14 10 20.8	

NJ2	comp=Z,2.2nm,0.6s	pmax	pmax								
NJ2	comp=N,5um,15.2s	LR	LR								
NJ2	comp=E,2um,14.2s	LR	LR								
NJ2	comp=Z,3um,14.2s	LR	LR								
DL2	Dalian	29.84	68	P	P	13 50 54.0 -4.8					
DL2				S	S	13 55 49.9 -3.4					
DL2	comp=Z,56nm,0.9s			pmax	pmax						
DL2	comp=Z,300nm,3.5s			LR	LR						
DL2	comp=N,2um,19.1s			LR	LR						
DL2	comp=E,700nm,13.9s			LR	LR						
DL2	comp=Z,970nm,13.3s			LR	LR						
ARTI	Arti	30.12	330	LR	LR	14 03 04.5					
SSE	Sheshan	30.30	83	P	S	13 51 03.5 +0.5					
SSE				P	S	13 56 06.3 +5.5					
SSE	comp=Z,7.0nm,0.4s			pmax	pmax						
SSE	comp=Z,130nm,3.5s			pmax	pmax						
SSE	comp=Z,310nm,17.0s			LR	LR						

Table with columns: ID, Name, RA, Dec, Mag, Type, and other details. Includes entries like PB07 IPOC Station P, PB02 IPOC Station P, TA01 Diego Aracena, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other details. Includes entries like ITTB Haituba, AY03 Cochrane, DUB01 Friburgo-RJ, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other details. Includes entries like SBA Scott Base, WCT Wildcat Mounta, PPT Papeete, etc.

HEL 22 15:16:40.0, 0.5, 67.65N, 34.53E, h0km, ML 1.8, Explosion
KOLA 22 15:16:40.0, 0.3, 67.65N, 0.03-34.21E, 0.09, h0km,
ML 4.0(CO2). The earthquakes of Russia in 2020. Obninsk,
GS RAS, 2022
IDC 22 15:16:42.2, 2.7, 67.68N, 33.65E, h0km, mbm20, 9/2,
ML 2.0, Error ellipse: s-maj=28.1km s-min=10.3km
az=77.0

22d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Lovozero, Apatity, Oulanka, etc.

TIF 22 15:18:29.7, 41°50'N, 37°86'E, h28km, 1km
CFUGS 22 15:18:32.2, 41°56'N, 37°87'E, h25km, Mb2.2/2, MD3.2/2, MSH3.1/5

ISK 22 15:18:32.5, 41°54'N, 37°70'E, h24km, ML3.4/7

AFAD 22 15:18:32.7, 41°28'N, 37°74'E, h17km, 2km, MW3.5

ISC 22 15:18:29.8, 41°46'N, 0°04, h13km, 11km, n38, r176/51, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ordu-Boztepe, Erbaa, Resadye-TOKAT, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMR5, YAL, KURK, etc.

IDC 22 15:39:09.1, 2.4, 4.96N, 123°67'E, h0km, mb3.8/4, mbtmp3.8/4, MS3.3/1, Error ellipse: s-maj=322.2km

s-min=26.2km az=63.0, Celebes Sea

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

IDC 22 15:46:17.9, 14.0, 23.88S, 69°16'E, h0km, mb4.0/4, mbtmp4.0/4, Error ellipse: s-maj=49.1, 1km

s-min=32.0km az=51.0, Mid Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S1, H08S2, H08S3, etc.

NIED 22 15:59:42.8, 41°94'N, 142°34'E, h69km, MW3.8, Moment Tensor Solution, s-maj=2.07km, s-min=1.07km

JMA 22 15:59:42.8, 0.2, 41°94'N, 142°34'E, h69km, 2km, Mw3.5/39, S OFF URAKAWA

JMA Felt 1 J1 at S OFF URAKAWA

NEIC 22 15:59:43.9, 1.2, 41°99'N, 0.06, 142°3E, 0.2, h61km, 9km, mb4.1/9, Error ellipse: s-maj=16.5km s-min=6.6km

IDC 22 15:59:45.2, 8.1, 41°91'N, 142°31'E, h89km, 26km, mb3.6/11, mbtmp3.8/16, MS2.4/1, Error ellipse: s-maj=33.4km

s-min=22.9km az=172.0

ISC 22 15:59:43.8, 0.8, 41°95'N, 0°04, 142°32'E, 0.04, h67km, 7km, n54, r087/60, mb4.0/15, 14D, Hokkaido region

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

1436

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H11S3, H11S2, ZALV, etc.

IDC 22 16:06:54.1, 4.2, 23°22'N, 94°47'E, h100km, 37km, mb3.6/5, mbtmp3.8/6, Error ellipse: s-maj=93.9km s-min=16.3km

az=59.0

ISC 22 16:06:54.2, 0.2, 23°22'N, 0.7, 94°5E, 1.0, h105km, n6, r035/6, mb4.0/5, Myanmar-India border region

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

IDC 22 16:25:27.9, 51.0, 22°05'S, 172°47'W, h0km, mb4.1/3, mbtmp4.1/3, Error ellipse: s-maj=979.7km s-min=183.3km

az=87.0

NEIC 22 16:25:28.7, 0.4, 21°6S, 0.2, 172°3W, 0.1, h14km, 4km, mb4.4/8, Error ellipse: s-maj=32.4km s-min=12.4km

az=155.0

ISC 22 16:25:30.9, 1.4, 21°6S, 0.2, 172°3W, 0.2, h35km, n15, r058/115, mb4.3/7, Tonga Islands region

Table of astronomical observations for 22d 17h, listing station names (e.g., WRA, AS31, ASAR), coordinates, and observation details.

Table of astronomical observations for 2020 MAY, listing station names (e.g., COLA, DLBC, SCCR), coordinates, and observation details.

Table of astronomical observations for 2020 MAY, listing station names (e.g., POSS, RANC, VSM), coordinates, and observation details.

NOU 22 17:28:51.6, 64:05:58S:173:28E, h170km, MLV3.6/15, Cook Strait, New Zealand
WEL 22 17:28:54.0, 9.41'S, 173:28E, h152km, 6km, M2, 6/10, MLV2.6/10, Error ellipse: s-maj=6.6km s-min=6.2km az=113.6

ISC 22 17:28:48.9, 1.6, 40:54S, 0.005x173:23E, 0:05, h195km, 9km, n106, 1549/113, Cook Strait

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

SNET 22 17:07:52.5, 0.3, 13:01N:88:82W, h56km, ML3.6, Presumed earthquake
CATAC 22 17:07:52.1, 0.3, 13:12N x 89W, h31km, 3km, M3.7/34, MLV3.7/34, Error ellipse: s-maj=5.1km s-min=1.9km
GCG 22 17:07:54.1, 0.8, 13:05N:88:90W, h44km, 36km, MD4.1, Presumed earthquake

ISC 22 17:07:52.6, 1.3, 12:91N:006:88:88W, 0:04, h40km, 40km, n60, 0546/98, 1D, Off coast of central America

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Lists stations and observation parameters for the 2020 MAY section.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like West Tongariro, Otutere, Kurewarewa, Lake Taylor, etc.

NEIC 22 18:01:02.7:1.6, 43:94N:0:05:105:27W:0:08, h0km, 1km, ML3.5/7.0, Error ellipse: s-maj=10.1km s-min=8.4km az=85.0

ISC 22 18:01:05.2:1.5, 44:08N:105:64W, h0km, mb3.8/2, mbtmp3.6/6, ML3.5/4, MS2.6/1, Error ellipse: s-maj=46.0km s-min=8.3km az=146.0

ISC 22 18:01:03.8:0.8, 43:83N:0:06:105:34W:0:06, h0km, n78, c#137176, Wyoming

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Black Hills, Casper, 412nm.0.3s, RLMT, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Eagleton, Kaye Shedlock, Toone Canyon, Dillon, etc.

NEIC 22 18:05:52.4:1.5, 7:51S:0:07:128:38E:0:04, h170km, 9km, mb4.0/18, Error ellipse: s-maj=10.3km s-min=5.5km az=184.0

ISC 22 18:05:50.0:0.5, 7:63S:0:05:128:38E:0:05, h151km, n42, c#19150, mb3.9/12, Banda Sea

Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Soe, Baumata, Bati, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Soe, Baumata, Bati, MTN, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Everest, Joshimath, JOST, etc.

MOS 22 18:38:15.7:1.0, 32:74N:85:48E, h15km, mb4.8/39, MS4.3/8, Error ellipse: s-maj=7.7km s-min=3.5km az=116.7

ICC 22 18:38:15.8:0.6, 32:71N:85:58E, h0km, mb4.3/23, mbtmp4.3/27, ML3.7/4, MS4.3/8, Error ellipse: s-maj=18.8km s-min=11.3km az=42.0

BUI 22 18:38:16.1, 32:87N:85:55E, h7km, mb5.0/19, mb4.6/52, MS4.9/59, MS7.4/61

NEIC 22 18:38:17.6:1.4, 32:86N:0:07:85:51E:0:10, h10km, 1km, mb4.6/105, Error ellipse: s-maj=14.5km s-min=10.1km az=241.0

GCMT 22 18:38:18.6:0.2, 32:80N:0:01:85:64E:0:01, h23km, MM5.0/121, Moment Tensor Solution, s47, c56; s121, c205; Duration: 0 Moment tensor: Scale 1016Nm; M=1.02e+14; Mw=3.05e+10; Mw0.4:0.7e+10; Mw1.39e+17; Mw2.12e+08; Mw0.22e+13; Best double couple: Mw4.43500e+1016 NP1:phi=332.000000, delta=0.000000, lambda=168.000000, NP2:phi=238.000000, delta=0.000000, lambda=200.000000. Principal axes: T 4.7130, Plg6.00000, Azm286.00000; N -0.5560, Plg67.00000, Azm30.00000; P -4.1570, Plg22.00000, Azm194.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NDI 22 18:38:29.2:0.8, 32:87N:85:52E, h10km, ML4.5, MW4.4, mb4.6(NEIC), Presumed earthquake

ISC 22 18:38:17.5:0.3, 32:82N:0:04:85:50E:0:03, h10km, n358, c#203/343, mb4.6/119, MS4.3/70, 9C-9D, Xizang

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like EVN, JOST, JOSTI, etc.

22d 18h

Table of satellite data for 22d 18h, including columns for station ID, name, coordinates, and status.

2020 MAY

Main table of satellite data for May 2020, listing various stations like Baotou, Zalesovo, and Songino Array with their respective parameters.

1440

Table of satellite data for 1440, including stations like ARTI, SSE, SSS, and others, with detailed coordinate and status information.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AKASG, LEM, TYV, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ZVC, NC602, NC303, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like C27K, ASAR, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes data for stations like Comitan, Flores, Huehuetenango, El Apazote, etc.

NEIC 22 19:06:29.3±1.9, 6.40S:0.07°154.57E:0.07, h10km±1km, mb4.8/100, Error ellipse: s-maj=14.1km s-min=9.0km az=39.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes data for stations like Rabaul, Honiara, Port Moresby, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes data for stations like Rabaul, Honiara, Port Moresby, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes data for stations like Warramunga Arr, Manton Dam, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes data for stations like Forrester, Matateerra, Tophouse, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes data for stations like Nanjing, Wuhan, Enshi, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes data for stations like Heihe, Gaotai, Shing, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes data for stations like Vanda, Bilibino, Bethel, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes data for stations like White Mountain, Poorman, Roundabout, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes data for stations like Dot Lake, South Pole Qui, Edge Creek, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes data for stations like Kurchatov, Kurchatov Arr, Kurchatov, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes data for stations like Borovoye Arr, Borovoye Arr, Borovoye Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes data for stations like Makanchi Arr, Chiang Mai Arr, Kurchatov Arr, etc.

MOS 22 19:33:05.0±1.0, 2.7°33N:128°37E, h46km, mb5.6/86, Error ellipse: s-maj=6.0km s-min=3.3km az=119.0

1445

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like ADK, MTSU, BRZS, ARK, DRK, NRIK, etc.

2020 MAY

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like C16K, L14K, H14K, HRA, etc.

22d 19h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like H19K, D20K, P17K, E20K, A21K, N18K, etc.

22d 19h

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like MLY Manley, KTH Kantishna Hill, G23K Bananza Creek, etc.

2020 MAY

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like ARQ Araqi, UMQ Umm Al-Quwin, G26K Porcupine River, etc.

1446

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like EPYK Eagle Plains, O28M Mount Upton, G23K Bananza Creek, etc.

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

Code Station Name Az AzZ Phase ID Time Res ISC
WEL 22:21:40:07.2,0.9,35'S,17.18'E,2.5,h287km,14km,
M3,7/13,mB4.0/4,ML3,7/8,MLV3,9/13,Mw(mB)3,1/4,

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

WEL 22:21:40:07.2,0.9,35'S,17.18'E,2.5,h287km,14km,
M3,7/13,mB4.0/4,ML3,7/8,MLV3,9/13,Mw(mB)3,1/4,

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

IDC 22:22:00:08.3e.1,9.51'.50N:169.38W,h0km,mb3.7/8,
mbtmp:3.6/9,ML3.2/1,MS3.1/1, Error ellipse: s-maj=58.0km

NEIC 22:22:00:09.7,1.8,51'.5N,0.1'x:169.49W:0.10,h10km,2km,
mb2.7/73,ML3.4/14,ML3.1(AEIC), Error ellipse: s-maj=18.0km

AEIC 22:22:00:13.2e.2,0.51'.4N,0.1'x:169.37W:0.10,h6km,5km,
Error ellipse: s-maj=17.5km s-min=7.6km az=165.0

ISC 22:22:00:12.7,1.0,51'.4N,0.1'x:169.46W:0.06,h35km,n113,
e1511/114,mb3.7/17,Fox Islands

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC. Includes stations like D20K, M27K, O28M, etc.

BUI 22:22:36:50.9,2.79S:99.74E,h23km,mB5.0/22,mb4.9/70,
Ms4.7/52,Ms7.4/5/55
IDC 22:22:36:52.9,0.6,2.33S:99.70E,h0km,mb4.7/31,

23d Oh

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kuruchov Arra, etc.

MOS 23:00:13.31.6; 1.7; 0.8S; 129.14E; h82km, mb5.6/82, Error ellipse: s-maj=7.8km s-min=4.0km az=116.0

NEIC 23:00:13.38.0.2.7; 1.5S; 0.05; 129.15E; 0.05; h125km, 3km, s-min=7.4km az=160.0

NEIC 23:00:13.38.2.7; 2.4S; 129.23E; h120km, Moment Tensor Solution. Duration: 25 Moment tensor: Scale 10^7 Nm; Mn:0.33; Mw:1.00; Mw0:0.67; Mw0.2: 2.66; Mw0.4: 7.7; Mw0.7: 21.1

DJA 23:00:13.39.9.0.1.7; 1.7S; 1.12E; h156km, 2km, M5.5/182, mb6.0/138, mb5.7/182, MLV6.2/30, Mw5.4/233, Mw(M)5.6/138, Mw(Mwp)5.0/46, Mw(Mp)5.3/46

IDC 23:00:13.40.1.0.8.7; 1.4S; 129.09E; h144km, 5km, mb5.0/27, mbmp5.5/34, M5.4/36, Error ellipse: s-maj=9.8km s-min=6.6km az=64.0

GFZ 23:00:13.40.4.7; 2.2S; 129.10E; h141km, MW5.4, Moment Tensor Solution. s63 Moment tensor: Mn:0.53; Mw:1.28; Mw0.75; Mw0.32; Mw0.03; Mw0.74; Fault plane solution: NP2:309.00000; 357.00000; 1.155.00000; NP2:307.00000; 373.00000; 1.9.00000

CGMT 23:00:13.41.0.0.1.7; 2.2S; 0.01; 129.12E; 0.1; h144km, MW5.5/152, Moment Tensor Solution. s124,c215; s152,c315; Duration: 153 Moment tensor: Scale 10^7 Nm; Mn:0.55; 0.2; Mw:1.75; 0.2; Mw:1.2; 0.2; Mw:0.36; 0.1; Mw:0.01; 0.2; Mw:0.98; 0.1; Best double couple: Mw:1.87; 100; NP1:309.00000; 357.00000; 1.160.00000; NP2:305.00000; 373.00000; 1.34.00000

ISC 23:00:13.38.5.0.3; 1.78S; 0.03; 129.15E; 0.03; h138km, 2km, h139km; p-P, N1539, c145; 1686, mb5.4/299, 58C-24D, Banda Sea

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, BNDI Banda Naira, etc.

2020 MAY

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like APSI Ampana, MKS Makassar, SPSI Sidrap, etc.

1456

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BBJI Bungbulang, LEM Lembang, etc.

Table with columns: QIZ, comp, I/Amb, P, S, 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. Includes entries like Qiongzhong, Tuntungan, Khong Chiam, Mangrove Creek, etc.

Table with columns: KMI2, comp, LR, LR, 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. Includes entries like Hachiojima, Mitsune, Enshi, TengChong, Matsuhiro Arr, etc.

Table with columns: MSVF, Nonsavu, 48.76, 107, P, P, 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. Includes entries like Tenbabayashi, Shenyang, Lanzhou, Vladivostok, etc.

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

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like ABPO, VOI, VOI, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like ATD, Arta Tunnel, Arta Tunnel, etc.

23d Oh

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like D19K Kuna River, BELG Belogornoye, K20K Telida, etc.

2020 MAY

Table with columns: SML, Sawmill, Date, Time, Status, Location, and other details. Includes entries like SML Sawmill, RND Reindeer, MCK McKinley, etc.

1460

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like N25K Chitina, J25K Salcha River, BELA Belgrano 2, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like VNA2, F28M, MMAI, DAWY, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like LBTB, G31M, M31M, INK, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like YKA, HFS, VVHS, STEB, etc.

23d Oh

Table with columns for station name, frequency, and other details. Includes stations like SOTA, MOTA, SUMG, RETA, FETA, DAVA, TUE, BFO, EGM, etc.

2020 MAY

Table with columns for station name, frequency, and other details. Includes stations like AMTX, CBKS, NRS, ODSA, etc.

1462

Table with columns for station name, frequency, and other details. Includes stations like BSCB, OTAV, BDB9, etc.

JMA 23.00:16.26:5.0.1,2,4:4N:0.4:122:0E:0.4, h17km, MV2.9/12, TAIWAN REGION

TAP 23.00:16.27:3.24:45N-121.88E, h12km, ML3.5, B ISC 23.00:16.26:3.08,24:44N:101.21:96E:0.02, h13km, 6gkm, n94, o964/163, 7C-122, Taiwan

Table with columns for Code, Station Name, Frequency, and other details. Includes stations like Wuta, Su ao, Aohua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like SBCE, WCS, TWQ1, EHW1, etc.

IDC 23 00:27:39.0±2.9, 6.04S, 130.69E, h71km, 39km, mb3.2/1, mbtmp4.0/5, ML3.5/4, Error ellipse: s-maj=76.3km s-min=23.4km az=88.0, Banda Sea

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

IDC 23 00:34:57.0±4.0, 8.96S, 115.19E, h83km, 33km, mb3.1/4, mbtmp3.7/6, Error ellipse: s-maj=32.7km s-min=15.2km az=48.0

DJA 23 00:35:02.1±0.2, 9°S, 4.11°E, h84km, 3km, M4.2/30, mB5.0/1, mb4.2/13, Mb(5), 230, Mw(mb)4.3/1

ISC 23 00:35:00.7±0.8, 0.03S, 115.49E, 0.05s, h98km, n34, r1563/32, mb3.4/4, Bali region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like IGBI, KHKI, RTBI, TWSI, JAGI, etc.

IDC 23 00:43:53.1±0.9, 30.62S, 177.58W, h0km, mb4.8/4, mbtmp4.7/5, ML3.8/1, MS3.7/7, Error ellipse: s-maj=31.7km s-min=20.6km az=116.0

NEIC 23 00:43:56.9±1.7, 30.28S, 0.05:177.72W, 0.05, h10km, 1km, mb4.6/13, Error ellipse: s-maj=9.1km s-min=7.5km

az=176.0

ISC 23 00:43:55.9±0.7, 30.33S, 0.06:177.7W, 0.02, h10km, n66, r1510/11, mb4.8/13, MS3.7/6, 2C, Kermadec Islands

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

IDC 23 00:43:55.9±0.7, 30.33S, 0.06:177.7W, 0.02, h10km, n66, r1510/11, mb4.8/13, MS3.7/6, 2C, Kermadec Islands

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

IDC 23 00:49:20.0±4.3, 49.33S, 117.11E, h0km, mb3.5/2, mbtmp3.5/2, Error ellipse: s-maj=397.0km s-min=74.8km az=117.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like H01W, H01W, H01W, etc.

IDC 23 00:49:20.0±4.3, 49.33S, 117.11E, h0km, mb3.5/2, mbtmp3.5/2, Error ellipse: s-maj=397.0km s-min=74.8km az=117.0, Western Indian-Antarctic Ridge

IDC 23 00:49:20.0±4.3, 49.33S, 117.11E, h0km, mb3.5/2, mbtmp3.5/2, Error ellipse: s-maj=397.0km s-min=74.8km az=117.0, Western Indian-Antarctic Ridge

SJA 23 00:54:55.2±0.8, 2.04°S, 66°82'W, h216km, 4km, M3d 3.6, MW3.5

GUC 23 00:54:55.8±0.6, 2.4°S, 66°85'W, h221km, 7km, ML4.0

ISC 23 00:54:54.9±1.7, 2.398S, 0.04:66.84W, 0.05s, h219km, 12km, n34, r1542/60, 2C, Jucuy Province

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

IDC 23 00:54:54.9±1.7, 2.398S, 0.04:66.84W, 0.05s, h219km, 12km, n34, r1542/60, 2C, Jucuy Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like PB09, PB09, PB09, etc.

IDC 23 01:03:40.6±0.5, 23°N, 2°12'6"E, h123km, MV4.2/26, FAR S OFF ISHIGAKIJIMA

ISC 23 01:03:40.6±0.5, 23°N, 2°12'6"E, h123km, MV4.2/26, FAR S OFF ISHIGAKIJIMA

NEIC 23 01:03:37.6±1.8, 22°24'N, 0.09:125°65'E, 0.04, h10km, 1km, mb4.2/10, Error ellipse: s-maj=17.0km s-min=2.9km az=158.0

NIED 23 01:03:40.6±0.5, 23°N, 2°12'6"E, h123km, MW4.1, Moment Tensor Solution, s2 Moment tensor: Scale: 1.015Nm, M=0.25, Mw=1.02, Mw=1.27, Mw=0.58, Mw=1.1, Mw=0.80

Fault plane solution: M1: S2000x1015 NP134: 42 00000°, δ48.00000°, λ174.00000°. NP2: 137.00000°, δ85.00000°, λ42.00000°

JMA 23 01:03:40.6±0.5, 23°N, 2°12'6"E, h123km, MV4.2/26, FAR S OFF ISHIGAKIJIMA

ISC 23 01:03:40.6±0.5, 23°N, 2°12'6"E, h123km, MV4.2/26, FAR S OFF ISHIGAKIJIMA

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Nagotoyohara, Gonzaga, Kunigami, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NUNAKUTSUE, JMN Monobe, DAVO City, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSR Korea Array, MJAR Matsushiro Arr, GUMO Guam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HILR Hailar Array B, SONM Songino Array, EVN Everest, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AS31 Alice Springs, ASAR Alice Springs, BVAR Borovoye Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BORK Borovoye, AB31 Akbulak array, ABKAR Akbulak array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VANB IGDIR, IGD IGDIR, ITBZ Tabriz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKDM Akdamar-Van, HAKT HAKKARI, HAKT HAKKARI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GDB GORADIZ, GDR GORADIZ, GANJ Ganja, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AGDM AGDAM, OZZ QAZAX, QZMI QAZMI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GLBA CILIBAD, SEKA SEKA, ZKTA ZAKATATA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LKRN LENKERAN, ASTR ASTARA, ASTR PIRKULI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BRDH BARIADHAA, BRDH BARIADHAA, CMAR CHIANG MAI ARR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MKAR MAKANCHI ARRAY, MKAR MAKANCHI ARRAY, WRA WARRAMUNGA ARR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAN 23:01:53:50.0, 4.81N-126.67E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KURBB KURCHATOV ARR, KURBB KURCHATOV ARR, BVAR BOROVYOYE ARRAY, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GFZ 23:02:10:21.6, 15.40N-121.63E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAN 23:02:10:24.0, 15.57N-121.52E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR ALICE SPRINGS, ASAR ALICE SPRINGS, FINES FINESS ARRAY B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 23:01:36:30.5, 1.23344N-135.39E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 23:01:36:34.8, 0.33561N-135.48E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 23:01:36:30.5, 1.23344N-135.39E, etc.

AZER 23 01:15:42.6, 38.95N-44.66E, h4km, m2.8
ISK 23 01:15:43.7, 38.84N-44.70E, h4km, ML2.7/6
TEH 23 01:15:46.1, 38.75N-44.69E, h9km, 156km, ML2.7, Presumed earthquake
ISC 23 01:15:43.3±1.2, 38.85N-0.02-44.71E±0.02, h4km±10km, n31, ±142/51, Turkey-Iran border region

MAN 23 01:52:51.0, 19.61N-121.56E, h43km, MS2.7, Philippine Islands region
Code Station Name Az Az' Phase ID Time Res
PACPP Pamplona Cayag 1.16 190 eP Sn 01 53 12.0 +1.2
PACPP San Manuel, Pa 3.54 194 eP Sn 01 53 27.4 +1.9
PALP Palanan 2.66 162 eS Sn 01 53 33.7 +2.3

MAN 23 01:53:50.0, 4.81N-126.67E, h14km, MS2.8, Talaud Islands
Code Station Name Az Az' Phase ID Time Res
DDMP Don Marcelino 1.60 323 eP Sn 01 54 17.3 +0.7
DDMP KCP 2.69 324 eS Sn 01 54 34.8 +1.8
CDOP Cateel, Davao 2.96 356 eP Sn 01 54 37.8 +1.1

1465

Table with columns for station code, name, frequency, and other technical details. Includes stations like NACB Ninganchiao, YONAGUNI jima, and various other locations.

2020 MAY

Table with columns for station code, name, frequency, and other technical details. Includes stations like LYN, MKS Makassar, BBSI, TIA, and various other locations.

23d 2h

Table with columns for station code, name, frequency, and other technical details. Includes stations like TNCH TengChong, ABJI Asem Bagus, SMPI Sarmi, and various other locations.

23d 2h

Table with columns: PRU, KOGS, CLL, etc. and rows listing various stations like Pruhonice, Kog, Colim, etc. with associated codes and values.

2020 MAY

Table with columns: BUJ, NEIC, PGC, etc. and rows listing various stations like BUJ 23 02:14:47.0, NEIC 23 02:14:48.5, etc. with associated codes and values.

1468

Table with columns: U33K, LON, WRAN, etc. and rows listing various stations like U33K Whale Pass, LON Longfire, WRAN Wrangele Island, etc. with associated codes and values.

J30M	Hart River	14.68 348	P	Pn	02 18 17.7	-1.1
DAWY	Dawson	14.70 343	P	Pn	02 18 18.7	-0.3
L26K	Log Cabin Wild	14.73 335	P	Pn	02 18 18.6	-0.8
HARP	HAARP	14.78 330	P	Pn	02 18 18.8	-1.3
J29N	Klondike Camp	14.85 345	P	Pn	02 18 19.5	-1.5
M24K	Tolsona, Glenn	14.91 328	P	Pn	02 18 20.9	-0.9
SEW	Seward	14.92 318	P	Pn	02 18 21.1	-0.8
BBGB	Big Mountain B	15.08 153	Iamb	Iamb	02 18 32.6	
TPH	Tonopah	15.09 140	Iamb	Iamb	02 18 27.1	
SCM	Sheep Creek Mo	15.12 326	P	Pn	02 18 23.7	-1.0
HWUT	Hardware Ranch	15.20 118	Iamb	Iamb	02 18 32.0	
M23K	Glacier View	15.24 326	P	Pn	02 18 25.2	-0.9
KNK	Knik Glacier	15.27 324	P	Pn	02 18 25.8	-0.8
BRSE	Bradley Lake S	15.30 316	P	Pn	02 18 25.2	-1.7
PAX	Paxson	15.31 332	P	Pn	02 18 25.1	-2.0
I30M	Mount Dempster	15.31 349	P	Pn	02 18 25.2	-2.1
KDAK	Kodiak Island	15.39 308	Pn	Pn	02 18 29.9	+1.7
KDAK	Kodiak Island	15.39 308	P	Pn	02 22 38.2	
KDAK	Kodiak Island	15.39 308	P	Pn	02 18 29.9	+1.7
KDAK	Kodiak Island	15.39 308	P	Pn	02 18 29.9	+1.7
KDAK	Kodiak Island	15.39 308	P	Pn	02 18 26.3	-1.8
SML	Sawmill	15.47 325	P	Pn	02 18 28.0	-1.2
PMPB	Monarch Peak	15.49 153	Iamb	Iamb	02 18 36.7	
DUG	Dugway, Tooele	15.50 125	Iamb	Iamb	02 18 37.1	
DUG	Dugway, Tooele	15.50 125	P	Pn	02 18 31.1	+1.2
NOQ	North Ogurth	15.55 122	Iamb	Iamb	02 18 37.5	
HULI	Fort Hunter Li	15.55 154	Iamb	Iamb	02 18 36.7	
RC01	Rabbit Creek N	15.58 321	P	Pn	02 18 26.9	-3.7
OHAK	Old Harbor	15.59 305	P	Pn	02 18 25.6	-5.1
TIN	Tinemaha, Big	15.59 144	Iamb	Iamb	02 18 38.3	
PALM	Palmer	15.63 323	P	Pn	02 18 27.7	-3.6
BW06	Boulder Array	15.64 111	Iamb	Iamb	02 18 40.1	
PD31	Pinedale Array	15.64 111	Iamb	Iamb	02 18 40.1	
PDAR	Pinedale Array	15.64 111	Pn	Pn	02 18 34.2	+2.4
PDAR	Pinedale Array	15.64 111	Pn	Pn	02 24 45.1	
PDAR	Pinedale Array	15.64 111	P	Pn	02 18 33.4	+1.6
HOM	Homer	15.66 315	P	Pn	02 18 30.5	-1.2
H31M	Peel River	15.67 353	P	Pn	02 18 31.1	-0.7
SCRK	Sand Creek	15.67 336	P	Pn	02 18 31.2	-0.7
I29M	Ogilvie Camp	15.71 346	P	Pn	02 18 31.7	-0.6
RIDG	Independent Ri	15.71 334	Iamb	Iamb	02 18 40.0	
RIDG	Independent Ri	15.71 334	P	Pn	02 18 31.7	-0.7
WATB	Watkins	15.76 328	P	Pn	02 18 32.1	-1.0
SII	Sitkinak Islan	15.90 302	P	Pn	02 18 34.0	-0.8
DHY	Denali Highway	15.98 329	Iamb	Iamb	02 18 43.5	
DHY	Denali Highway	15.98 329	P	Pn	02 18 34.4	-1.6
CAPN	Captain Cook N	15.99 319	P	Pn	02 18 35.0	-0.9
K24K	Donnelly Dome	16.03 333	Iamb	Iamb	02 18 44.0	
K24K	Donnelly Dome	16.03 333	P	Pn	02 18 35.6	-0.8
I28M	Miner Creek	16.05 344	P	Pn	02 18 35.8	-1.0
S11A	Rachel	16.08 137	Iamb	Iamb	02 18 45.6	
M22K	Willow	16.11 323	P	Pn	02 18 36.7	-0.7
WAT1	Susitna Watana	16.21 328	P	Pn	02 18 38.5	-0.2
PSUT	Pine Spring	16.23 131	Iamb	Iamb	02 18 45.0	
O20K	Slope Mountain	16.30 315	P	Pn	02 18 39.4	-0.5
Q19K	Cape Douglas,	16.31 311	P	Pn	02 18 39.7	-0.4
P19K	Oil Pt	16.39 314	P	Pn	02 18 40.7	-0.4
EPYK	Eagle Plains	16.45 350	Iamb	Iamb	02 18 48.9	
EPYK	Eagle Plains	16.45 350	P	Pn	02 18 43.9	-0.6
EPYK	Eagle Plains	16.45 350	P	Pn	02 18 42.3	+0.4
TPNV	Topopah Spring	16.46 140	Iamb	Iamb	02 18 44.9	
ILSW	Iliamna Southw	16.49 315	P	Pn	02 18 43.5	+1.1
I27K	Kandik River	16.51 342	P	Pn	02 18 42.2	-0.4
H29M	Whitestone	16.52 347	Iamb	Iamb	02 18 49.6	
H29M	Whitestone	16.52 347	P	Pn	02 18 41.8	-0.9
J25K	Salcha River,	16.54 336	Iamb	Iamb	02 18 49.6	
J25K	Salcha River,	16.54 336	P	Pn	02 18 41.6	-1.5
CUT	Chulitna	16.55 325	Iamb	Iamb	02 18 51.0	
CUT	Chulitna	16.55 325	P	Pn	02 18 41.4	-1.7
CHIR	Chirikof Islan	16.56 299	P	Pn	02 18 42.0	-1.2
I26K	Coal Creek Min	16.57 340	Iamb	Iamb	02 18 51.1	
I26K	Coal Creek Min	16.57 340	P	Pn	02 18 42.2	-1.1
FURC	Furnace Creek,	16.62 142	Iamb	Iamb	02 18 50.5	
ISA	Isabella, Lake	16.74 147	Iamb	Iamb	02 18 51.4	
G31M	Satah River	16.77 353	Iamb	Iamb	02 18 52.0	
G31M	Satah River	16.77 353	P	Pn	02 18 45.7	0.0
SKT	Skwentna	16.79 322	P	Pn	02 18 45.6	-0.5
L22K	Petersville	16.81 324	Iamb	Iamb	02 18 53.3	
L22K	Petersville	16.81 324	P	Pn	02 18 45.4	-1.1
HDA	Harding Lake	16.82 333	Iamb	Iamb	02 18 52.4	
HDA	Harding Lake	16.82 333	P	Pn	02 18 46.2	-0.3
Q18K	Katmai Hardsc	16.88 309	P	Pn	02 18 46.2	-1.2
MCK	McKinley	16.95 329	P	Pn	02 18 47.2	-0.9
G30M	Taoh Zranyi	16.99 351	P	Pn	02 18 47.4	-1.3
H27K	Steamboat Moun	17.05 343	P	Pn	02 18 48.7	-0.6
QSM	Queen of Sheba	17.06 143	Iamb	Iamb	02 18 54.5	

ILAR	Eielson Array	17.08 334	P	P	02 18 51.6	+0.2
ILAR	Eielson Array	17.08 334	LR	LR	02 24 48.8	
ILAR	Eielson Array	17.08 334	P	P	02 18 50.8	-0.7
P17A	Butcher Ranch	17.13 122	Iamb	Iamb	02 18 55.5	
G29M	Pine Creek	17.13 349	P	Pn	02 18 49.8	-0.6
TRF	Thorofare Moun	17.21 327	Iamb	Iamb	02 18 59.2	
TRF	Thorofare Moun	17.21 327	P	Pn	02 18 51.1	-0.5
FFC	Flin Flon	17.23 65	P	Pn	02 18 50.9	-0.7
FFC	Flin Flon	17.23 65	P	Pn	02 18 50.9	-0.7
P18K	Pay Mountain,	17.24 311	P	Pn	02 18 50.5	-1.3
F31M	Tsightehoch	17.24 354	P	Pn	02 18 51.2	-0.5
CCB	Clear Creek Bu	17.25 333	P	Pn	02 18 53.6	+0.3
R17L	Neulilik Vol	17.30 305	P	Pn	02 18 52.3	-0.2
Q16A	Castle Valley	17.30 124	Iamb	Iamb	02 18 57.9	
SZCU	Shurtz Canyon	17.34 131	Iamb	Iamb	02 18 58.3	
M20K	Styx River	17.38 320	P	Pn	02 18 52.6	-1.0
O18K	Koktuh Hills	17.39 313	P	Pn	02 18 53.6	-0.1
COLA	College	17.43 333	P	Pn	02 18 52.2	-1.8
COLA	College	17.43 333	P	Pn	02 18 54.0	0.0
COLA	College	17.43 333	P	Pn	02 18 53.5	-0.6
N19K	Bonanza Creek	17.45 316	P	Pn	02 18 53.4	-1.0
POKR	Pokh Plat Res	17.49 334	P	Pn	02 18 54.2	-0.7
KTH	Kantishna Hill	17.50 327	Iamb	Iamb	02 18 59.0	
K22A	Caspe	17.54 107	Iamb	Iamb	02 19 00.4	
PPLA	Purkeypile	17.56 324	Iamb	Iamb	02 19 00.7	
PPLA	Purkeypile	17.56 324	P	Pn	02 18 54.7	-1.2
F30M	Barrier River	17.56 352	Iamb	Iamb	02 19 02.1	
F30M	Barrier River	17.56 352	P	Pn	02 18 55.5	-0.2
NEA2	Nenana	17.59 331	P	Pn	02 18 55.1	-1.0
G27K	Doyon Strip	17.59 344	Iamb	Iamb	02 19 02.4	
G27K	Doyon Strip	17.59 344	P	Pn	02 18 55.6	-0.5
Q16K	King Salmon	17.71 308	P	Pn	02 18 57.4	-0.2
P17K	Kvichak River	17.76 310	P	Pn	02 18 58.5	-0.4
CAST	Castle Rocks	17.83 326	P	Pn	02 18 59.2	+0.1
PKCU	Pink Cliffs	17.84 130	Iamb	Iamb	02 19 03.6	
PDAR	Bear Paw Mtn.	17.87 328	P	Pn	02 18 59.0	-0.5
R16K	Pilot Point	17.92 304	P	Pn	02 19 00.0	-0.2
N18K	Kilae Creek	18.02 315	P	Pn	02 19 00.9	-0.6
F28M	Old Crow	18.04 347	P	Pn	02 19 02.6	+0.5
Q20A	White River C1	18.07 116	P	Pn	02 19 03.5	+0.8
Q20A	White River C1	18.07 116	Iamb	Iamb	02 19 10.2	
I23K	Minto, Yukon-K	18.07 332	P	Pn	02 19 02.9	+0.6
INK	Inuvik	18.09 355	P	Pn	02 19 03.5	+1.1
INK	Inuvik	18.09 355	LR	LR	02 26 04.3	
INK	Inuvik	18.09 355	Iamb	Iamb	02 19 07.9	
INK	Inuvik	18.09 355	P	Pn	02 19 02.8	+0.2
INK	Inuvik	18.09 355	P	Pn	02 19 02.7	+0.2
G26K	Porcupine River	18.12 342	Iamb	Iamb	02 19 07.5	
G26K	Porcupine River	18.12 342	P	Pn	02 19 03.3	+0.5
H24K	Noodor Dome	18.16 335	Iamb	Iamb	02 19 07.3	
H24K	Noodor Dome	18.16 335	P	Pn	02 19 04.4	+0.9
CHGN	Chignik	18.17 300	Iamb	Iamb	02 19 07.5	
CHUM	Lake Minchumini	18.19 327	P	Pn	02 19 03.1	-0.3
L19K	White Mountain	18.23 320	P	Pn	02 19 03.6	-0.4
HMU	Henry Mountain	18.25 126	Iamb	Iamb	02 19 07.8	
O17K	Koliganek Bris	18.26 312	P	Pn	02 19 03.6	-0.7
RSSD	Black Hills	18.32 100	P	Pn	02 19 05.1	-0.4
RSSD	Black Hills	18.32 100	P	Pn	02 19 05.1	-0.4
RSSD	Black Hills	18.32 100	P	Pn	02 19 05.1	-0.4
M18K	Manley	18.33 317	P	Pn	02 19 05.8	+0.6
M18K	Manley	18.33 317	Iamb	Iamb	02 19 09.8	
GLY	Glenora	18.41 331	P	Pn	02 19 07.2	+1.1
G25K	Bearman Lake	18.46 339	P	Pn	02 19 07.7	+1.0
P16K	Nushagak River	18.48 309	P	Pn	02 19 06.5	-0.4
E29M	Blow River	18.53 350	Iamb	Iamb	02 19 13.3	
E29M	Blow River	18.53 350	P	Pn	02 19 07.8	+0.3
E20K	Telida	18.53 324	Iamb	Iamb	02 19 10.2	
K20K	Telida	18.53 324	P	Pn	02 19 07.4	0.0
N17K	Nushagak Hills	18.56 314	P	Pn	02 19 06.0	-1.8
H23K	Yukon River	18.61 334	P	Pn	02 19 07.8	-0.5
U15A	North Rim	18.66 132	Iamb	Iamb	02 19 15.7	
O16K	Kokwok River B	18.69 311	P	Pn	02 19 08.1	-1.1
G24K	Hadweencriv	18.73 338	Iamb	Iamb	02 19 14.9	
G24K	Hadweencriv	18.73 338	P	Pn	02 19 10.4	+0.3
CHNA	Chernabura Isl	18.74 295	P	Pn	02 19 08.0	-1.7
S14K	Fog Glacier	18.80 300	P	Pn	02 19 08.7	-1.9
E27K	Coleen River	18.83 346	P	Pn	02 19 10.4	-0.3
F26K	Sheenjek River	18.83 343	Iamb	Iamb	02 19 18.1	
F26K	Sheenjek River	18.83 343	P	Pn	02 19 12.5	+1.2
PV10	Paradox Valley	18.84 122	Iamb	Iamb	02 19 22.9	
PV14	Lion Creek, Pa	18.85 122	Iamb	Iamb	02 19 13.7	
PV22	Blue Mesa, Par	18.86 121	Iamb	Iamb	02 19 19.2	
PV04	Paradox Valley	18.90 121	Iamb	Iamb	02 19 14.8	
I21K	Tanana	18.93 330	P	Pn	02 19 13.4	+1.4
E28M	Babbage River	18.93 349	P	Pn	02 19 13.0	+0.6
PV16	Nyswonger Mesa	18.95 122	Iamb	Iamb	02 19 15.9	

PV11	David Mesa, Pa	18.98 122	Iamb	Iamb	02 19 16.2	
M17K	Holittina River	19.00 316	Iamb	Iamb	02 19 22.5	
M17K	Holittina River	19.00 316	P	Pn	02 19 13.5	+0.2
L18K	Granite Mounta	19.01 319	P	Pn	02 19 13.0	-0.4
J20K	Novinta River	19.02 326	Iamb	Iamb	02 19 16.6	
J20K	Novinta River	19.02 326	P	Pn	02 19 13.9	+0.4
PV05	Paradox Valley	19.02 123	Iamb	Iamb	02 19 16.6	
PV03	Paradox Valley	19.03 122	Iamb	Iamb	02 19 17.7	
W13A	Hualapai Moun	19.03 137	Iamb	Iamb	02 19 16.6	
F						

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like D24K Happy Valley, H18K Honhosa River, J16K Anvik River, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like F14K Arctic Creek, 319A Douglas, A21K Bow, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like M52A Chesterland, U49A Red Boiling Sp, FRB Frober Bay, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like MA2 Magadan, DBQ Esquipulas, YAK Yakutsk, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like SONM Songino Array, ZALV Zalesovo Beam, ATAH Atahulpa, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like BTLS Baital, SHLS Shalkode, UZB Uzynbulak, etc.

Table with columns: MWZ, Urewera, URZ, etc. and rows listing various stations and their coordinates and times.

Table with columns: ULM, LPAZ, SONMI, etc. and rows listing various stations and their coordinates and times.

Table with columns: FINES, IDC, STKA, etc. and rows listing various stations and their coordinates and times.

comp=Z,0.2nm,0.7s,baz=294,slow=4.2,SNR=3.0
TORO Torodi Arr. Bea 125.53 290 PKP PKPdf 05 29 19.4 -0.5

KRSC 23 05:14:01.6-1.8,52.50N-160.12E,h49km,19km,M4.0
MOS 23 05:14:03.6-1.0,52.53N-159.95E,h55km,mb3.9/4,Error

ISC 23 05:14:08.7-2.4,52.66N-159.64E,h80km,18km,mb3.4/12,
mbtmp3.7/12,MS2.6/1,Error ellipse: s-maj=26.1km

ISC 23 05:14:03.5-1.1,52.53N-160.10E,0.04,h42km,11km,
n82,-1935/98,mb3.7/14,1C,Off east coast of

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SPN Mys Shipunski, UGLR Uglovaya, GRL Gorelyy, etc.

comp=Z,0.9nm,0.6s
AKASG Malin Array Be 69.10 329 P P 05 25 03.5 -1.3

TXAR Lajitas Array 70.86 67 P P 05 25 18.8 +2.7

WRA Warramunga Arr 75.57 205 P P 05 25 44.2 +0.6

ASAR Alice Springs 79.24 204 P P 05 26 05.6 +1.5

NNC 23 05:15:39.0-1.9,42.47N-75.65E,h0km,mb3.2,mpv2.6,
Error ellipse: s-maj=16.5km s-min=6.7km az=160.0

KRNET 23 05:15:35.7-1.0,42.31N-75.79E,h17km,mb2.0,13C-9D,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BOOM Boomskeye usch, ULLH Ulahol, etc.

SOME 23 05:15:50.3,44.23N-81.52E,h20km
NNC 23 05:15:50.6-1.4,44.19N-81.51E,h0km,mb2.7,mpv3.1,

3C-1D,Error ellipse: s-maj=13.9km s-min=6.1km
az=126.0,Suspected Mining explosion.,Northern

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KTMS Ketmen, DJR Jarkent, etc.

SJA 23 05:19:41.1-0.7,33.33S-72.35W,h18km,3km,ML3.5,
MW3.8

GUC 23 05:19:43.2-0.8,33.27S-72.32W,h24km,27km,ML3.6

ISC 23 05:19:42.0-1.7,33.29S-72.34W,0.06,h13km,9km,

n47,-1908/84,7C-4D,Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like VA01 Torpederas, etc.

ROCH EI Roble 1.16 75 eP Pn 05 20 03.3 -0.7

MT09 Talagante 1.23 114 iJP Pn 05 20 04.4 -0.5

MT05 Renca 1.35 95 eP Pn 05 20 06.5 +0.2

MT05 Renca 1.35 95 eP Pn 05 20 23.4 -0.8

MT10 Hacienda Santa 1.51 90 iJP Pn 05 20 09.2 +0.4

MT14 Cerro Calin 1.52 95 eP Pn 05 20 28.6 +0.1

BO01 Tunca 1.52 137 eP Pn 05 20 08.9 0.0

MT16 CCHEN 1.53 96 iJP Pn 05 20 28.5 +0.3

MT03 Universidad Ad 1.55 98 eP Pn 05 20 09.2 -0.1

MT03 Universidad Ad 1.55 98 iJP Pn 05 20 09.7 +0.5

MT12 Pirque 1.56 107 iJP Pn 05 20 09.8 +0.4

MT15 Las Vizcachas 1.57 102 eP Pn 05 20 10.1 +0.6

VA03 San Esteban 1.59 71 eP Pn 05 20 09.8 -0.1

VA03 San Esteban 1.59 71 eP Pn 05 20 32.2 +0.9

VA03 La Punta 1.61 116 iJP Pn 05 20 10.1 0.0

CO04 Los Peladeros 1.69 43 eP Pn 05 20 10.7 -0.7

FCH Farellones 1.72 92 eP Pn 05 20 12.4 +0.6

GO05 Hualane 1.75 169 eP Pn 05 20 12.5 +0.5

GO05 Hualane 1.75 169 eP Pn 05 20 12.6 +0.5

MT13 San Alfonso 1.78 105 eP Pn 05 20 13.0 +0.5

MT13 San Alfonso 1.78 105 eP Pn 05 20 13.5 +1.1

MT04 Ro Olivares 1.85 94 eP Pn 05 20 14.4 +0.8

MT04 Ro Olivares 1.85 94 eP Pn 05 20 38.3 -0.6

LMEL Las Melosas 1.87 108 eP Pn 05 20 14.5 +0.7

MT08 Bocatoma Ro 1.95 95 eP Pn 05 20 15.8 +0.8

MT08 Bocatoma Ro 1.95 95 eP Pn 05 20 44.8 0.0

MT08 Bocatoma Ro 1.95 95 eP Pn 05 20 47.6

BO02 Sierra Bellavi 1.98 140 eP Pn 05 20 15.8 +0.5

BO02 Sierra Bellavi 1.98 140 eP Pn 05 20 16.4 +1.2

CO02 Combarbal 2.37 29 eP Pn 05 20 19.9 -0.6

CO03 El Pedregal 2.81 30 eP Pn 05 20 26.4 -0.3

GO04 Tololo Observa 3.37 23 eP Pn 05 20 34.6 +0.1

BI02 San Fabin de 3.48 166 eP Pn 05 20 36.9 +1.0

DOCA Reserva Natura 3.62 51 eP Pn 05 20 40.2 +2.3

CF01 Juntas del Tor 3.81 31 eP Pn 05 20 41.1 +0.6

ACCO Cerro Coronel 3.85 67 eP Pn 05 20 43.8 +2.6

AROD Rodeo 3.95 39 eP Pn 05 20 45.8 +2.8

ACDV Cuesta del Vie 4.14 42 eP Pn 05 20 48.1 +3.1

ISC 23 05:24:34.6-3.5,14.46N-94.10W,h0km,mb3.5/2,
mbtmp3.2/5,ML3.1/3,MS2.4/1,Error ellipse: s-maj=63.5km

CATAC 23 05:24:38.5-0.6,15.1N-4.9W,h1km,M4.0B,ML4.0/B,
Error ellipse: s-maj=9.0km s-min=5.6km az=41.9,

confirmed
CGC 23 05:24:41.7-2.0,14.60N-93.74W,h36km,999km,MD4.4,

Presumed earthquake
MEX 23 05:24:42.2-0.5,14.72N-93.78W,h13km,14km,MD4.4,

Presumed earthquake
ISC 23 05:24:37.4-1.6,14.68N-93.77W,0.03,h14km,10km,

n53,-2564/87,Near coast of Chiapas

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

23d 6h

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like NOA NORARS Array B, HFS Hagfors, SCHO Schefferville, etc.

ISC 23 05:53:07.7-1.1, 12.47N-143.72E, h0km, mb3.5/5, mbtmp3.5/5, MS3.4/1, Error ellipse: s-maj=59.8km s-min=18.4km az=121.0

ISC 23 05:53:11.8-1.0, 12.4N-0.2-143.8E:0.3, h27km, n7, r105/7, mb3.4/5, South of Mariana Islands

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like GUMO Guam, WRA Warramunga Arr, ASAR Alice Springs, etc.

SSNC 23 05:55:23.0-1.4, 19.71N-76.51W, h7km, 8km, MD3.9, ML3.7, MW3.8, Presumed earthquake

JSN 23 05:55:24.0-0.9, 19.67N-76.49W, h20km, 13km, MD4.4, Presumed earthquake

ISC 23 05:55:21.5-1.0, 19.70N-0.003-76.49W-0.02, h16km, 8km, n29, r131/53, 2C-4D, Cuba region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like CHIV Chivirico, MARVS Santiago de Cu, YAR Yar, etc.

2020 MAY

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like MTJD Mount Denham, CCCC Cccc, PCJ Portland Coss, etc.

ISC 23 05:55:25.4-1.0, 21.21N-121.32E, h0km, mb3.6/7, mbtmp3.7/8, ML3.6/1, MS3.1/1, Error ellipse: s-maj=36.6km s-min=20.2km az=70.0

TAP 23 05:55:26.6-21.09N, 121.36E, h83km, ML4.0, D ISC 23 05:55:29.9-2.1, 21.21N-121.19E-0.06, h65km, 12km, n93, r131/97, mb3.5/7, Taiwan region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like TSEB Hengchun, TWKB Hengchun, TWK1 Hengchun, etc.

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Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like H11S3 WAKE ISLAND HY, H11S1 WAKE ISLAND HY, H11S2 WAKE ISLAND HY, etc.

IDC 23 05:59:56.2-0.9, 28.61N-87.16E, h0km, mb3.6/9, mbtmp3.6/11, ML4.0, MS3.1/2, Error ellipse: s-maj=19.2km s-min=19.2km az=54.0

DMN 23 05:59:57.0-0.6, 28.66N-87.34E, h2km, ML4.0/9, Error ellipse: s-maj=9.3km s-min=6.1km az=30.4

ISC 23 05:59:58.6-1.3, 28.61N-0.05-87.23E:0.04, h12km, 9km, n24, r128/32, mb3.7/8, Xizang

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like JIRN Jiri, GUN Gumba, RAMN Ramite, etc.

IDC 23 06:23:15.0-0.7, 15.37S-173.16W, h0km, mb4.2/14, mbtmp4.2/14, MS4.0/43, Error ellipse: s-maj=26.4km s-min=17.7km az=128.0

NEIC 23 06:23:16.3-2.0, 15.5S:0.1-172.9W:0.1, h10km, 1km, mb4.6/20, Error ellipse: s-maj=21.7km s-min=14.2km az=38.0

GCMT 23 06:23:21.3-0.2, 15.46S:0.003-172.64W:0.02, h21km, MW5.0/86, Moment Tensor Solution. s34,c40; s86,c119; Duration: 0 Moment tensor: Scale 1018N; Mr:2.0E+16; Mw:0.39E+13; Mv:3.19E+12; Mh:1.46E+26; Mv:0.27E+07; Mw:1.47E+18; Best double couple: M3.66700E+10; Mw:1.64E+0000; s35,00000; s54,00000; s1P2; r25,00000; s63,00000; s112,000000; Principal axes: T 3.7090, Plg65,0000; Azm335,0000; N -0.0820; Plg20,0000; Azm195,0000; P -3.6240, Plg150,0000; Azm99,0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 23 06:23:16.0-0.5, 15.51S-0.09-172.93W-0.09, h10km, n98, r110/55, mb4.6/27, MS4.1/43, 2D, Samoa Islands region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI Afiamalu, NIUE Niue, FUTU Futuga, etc.

Table with columns: CTA, Charters Tower, Time, Location, and other details. Includes entries like WAKE ISLAND, Port Moresby, WARRAMUNGA ARR, etc.

Table with columns: LZH, LZH, ULM, etc. and details like 'Lac du Bonnet', 'Tiksi', 'Songo Arr', etc.

CATAC 23 06:23:54.2, 0.5, 1.4, N, 3.3, 9.2, W, 2.1, h40km, 5km, MD3, 0/10, ML3.3, 0/10, Error ellipse: s-maj=8.9km s-min=3.2km

MEX 23 06:23:55.6, 1.1, 1.4, 56N, 92.41W, h61km, 16km, MD3.9, Presumed earthquake

GCG 23 06:23:55.4, 1.2, 1.4, 57N, 92.30W, h55km, 9km, MD3.8, Presumed earthquake

ISC 23 06:23:52.9, 1.4, 14.143N, 0.07, 92.46W, 0.05, h51km, 15km, n29, r176/46, Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their data.

SSNC 23 06:39:06.2, 2.7, 19.67N, 76.44W, h3km, 9km, MD3.1, ML3.0, MW3.1, Presumed earthquake

JSN 23 06:39:07.3, 0.5, 19.69N, 76.40W, h20km, 11km, MD4.0, Presumed earthquake

ISC 23 06:39:03.5, 1.3, 19.68N, 0.03, 76.44W, 0.03, h10km, 11km, n27, r116/47, 3C-6D, Cuba region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Continuation of seismic station data.

Table with columns: QMBU, GWJ, NMDO, etc. and details like 'Greenwich', 'Nuevo Mundo', 'Stony Hill', etc.

IDC 23 06:42:08.1, 2.2, 23.75S, 175.33W, h0km, mb4.1/4, m1m4, 2/5, ML5.7/1, MS2.1/1, Error ellipse: s-maj=6.4km s-min=4.1km az=141.0

ISC 23 06:42:13.3, 1.8, 23.75S, 0.3, 175.4W, 0.3, h30km, n8, r118/7, mb4.1/4, Tonga Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Tonga Islands region.

IDC 23 06:50:33.8, 999.0, 27.79S, 121.10E, h0km, Error ellipse: s-maj=522.0km s-min=178.5km az=89.0, Western Australia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for Western Australia.

SSNC 23 06:53:01.4, 1.1, 19.71N, 76.50W, h3km, MD3.2, ML3.1, MW3.1, Presumed earthquake

JSN 23 06:53:03.1, 0.5, 19.68N, 76.47W, h29km, 12km, MD4.1, Presumed earthquake

ISC 23 06:52:58.8, 1.1, 19.69N, 0.03, 76.48W, 0.03, h14km, 10km, n26, r106/44, 4C-5D, Cuba region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Continuation of seismic station data.

23d 7h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MOAC, CVJ, MTDJ, CCCC, PCJ, MCJ, MASC, CBYC, LCVY, MGV, FSCY.

IDC 23 06:59:40.3:0.8,66:13Nk:135:31W, h0km, mb3.6/1, mbtmp3.5/5, ML3.5/4, Error ellipse: s-maj=10.1km s-min=9.0km az=146.0

ANF 23 06:59:40.9:0.2,66:09Nk:135:28W, h6km, 1km, ML3.9/47, Error ellipse: s-maj=1.3km s-min=0.8km az=90.0

PGC 23 06:59:41.9:0.6:10N:135:22W, h9km, ML3.7/32, ML3.3/AEIC, 151km south of Fort McPherson, Nt Northern Yukon Territory, Canada

ISC 23 06:59:40.8:1.0,66.09N:0:02:135:25W:0:02, h9km, 8km, n130, a072/166, Northern Yukon Territory

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H31M, EPYK, G31M, G30M, I29M, F31M, J30M, I28M, J29M, INK, F28M, K29M, MAYO, E29M, H27K, I27K, G27K, DAWY, E28M, E29M, L29M.

2020 MAY

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like L29M, E27K, D28M, G26K, M30M, D27M, F26K, M29M, M31M, L27K, SCRK, F25K, BVCY, DOT, J25K, N31M, RIDG, N30M, M27K, YUK3, YUK2, YUK4, M26K, ILAR, ILAR, N32M, POKR, H24K, F24K, YUK8, C26K, YUK6, O30N, C36M, H36M, HYT, PAX, E24K, H23K, MCARA, I23K, E23K, G23K, NEA2, O29M, P33M, D24K, DHY, TOLK, C24K, WAT6, MLY, MESA, E22K, F22K, C23K, A36M, BPAW, TRF, I21K, R33M, DLBC, DLBC, KUKN, YKAW3, YKA, YKA, YKA, YKAW, RES, FINES.

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IDC 23 07:09:59.8:5.0,24:38S:179:59E, h574km, 55km, mb2.9/5, mbtmp3.9/6, Error ellipse: s-maj=34.4km s-min=25.2km az=64.0

ISC 23 07:09:54.5:1.0,24:45S:0:2:179:9E:0:2, h517km, n9, a173/9, mb3.5/5, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM, ASAR, WRA, GSPA, PETK, TXAR, HFS, AKASO, BRTR.

IDC 23 07:13:20.6:1.9,15:12S:175:39W, h296km, 23km, mb3.1/6, mbtmp3.8/7, Error ellipse: s-maj=57.3km s-min=16.1km az=149.0

NEIC 23 07:13:21.3:0.9,15:15S:0:1:175:4W:0:1, h295km, 11km, mb4.2/9, Error ellipse: s-maj=24.1km s-min=10.6km az=128.0

ISC 23 07:13:21.2:0.7,15:15S:0:1:175:4W:0:1, h300km, n21, a0873/20, mb3.9/12, Tonga Islands

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AFI, NIUE, MSVF, SANVU, WRA, WRA, WRA, ASAR, MTN, PETK, PETK, M14K, M16K, K15K, L18K, TXAR, ILAR, PDAR, YKA, BRTR.

IDC 23 07:15:41.4:4.5,47:45N:154:99E, h0km, mb3.7/5, mbtmp3.7/6, ML2.3/1, Error ellipse: s-maj=101.2km s-min=37.0km az=162.0

ISC 23 07:15:44.9:3.2,47:5N:0:4:155:0E:0:3, h21km, n12, a173/6, mb3.8/5, East of Kail Islands

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PETK, H11N2, H11N1, H11N3, H11S1, H11S3, H11S2, ZALV, KURBB, YKA, FINES, HFS.

IDC 23 07:17:22.6:1.3,24:25S:66:95W, h167km, 11km, mb3.9/11, mbtmp4.3/17, Error ellipse: s-maj=15.7km s-min=9.6km az=85.0

VAO 23 07:17:24.2:0.8,24:22S:67:01W, h196km, 6km, mb4.4, Presumed earthquake

NEIC 23 07:17:24.6:1.6,24:25S:0:07:67:1W:0:2, h186km, 6km, mb4.6/5, Mw=6.6(GUC), Error ellipse: s-maj=21.1km s-min=9.4km az=85.0

GUC 23 07:17:24.6:0.7,24:18S:67:09W, h193km, 7km, ML4.8

ISC 23 07:17:23.0:1.3,24:22S:0:04:67:02W:0:04, h181km, n139, a193/151, mb4.5/25, 12C-3D, Chile-Argentina border region

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SLA, AF01, YJA, PB06, PB06, AHML, PB14, PB14, PB14.

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Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like ADK, KRAI, BILL, etc.

2020 MAY

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like L14K, G15K, RTBI, etc.

23d 7h

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like R17L, G19K, E19K, etc.

23d 7h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Seward, Franklin Bluff, Palmer, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAR, BVCY, E29M, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KEV, KEVO, STEPHENS, etc.

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Table with columns: UNM, Universidad Na, 6.87 312, Pn, Pn, 08 58 34.6 +1.6, CHIC, Chingaza, 22.17 115, P, P, 09 01 48.2 -0.3, KOK, Dalky, 4.41 244, eS, Sn, 09 01 10.2 -0.5

Table with columns: RUSC, La Rusia, 22.19 111, P, P, 09 01 48.2 -0.3, FLOCC, Florencia, 22.19 124, P, P, 09 01 50.7 +2.4, URMCC, La Uribe, Meta, 22.30 119, P, P, 09 01 49.8 +0.3, DUNGG, Lazy B Ranch, 22.55 325, P, Iamb, 09 01 53.3 +1.2, TKL, Tuckaleechee C, 22.71 22, LR, LR, 09 12 47.2, MACCC, Macarena, Meta, 23.34 121, P, P, 09 02 00.4 +0.1, TUC, Tucuson, 23.36 321, P, P, 09 02 05.5 +1.1, TUC, comp=Z,16nm,1.1s, 23.36 321, eP, P, 09 02 00.8 +0.4, SDV, Santo Domingo, 23.41 102, LR, LR, 09 13 17.2, SDV, Santo Domingo, 23.41 102, P, P, 09 01 01.1 0.0, ADAH, Atahualpa, 26.57 144, LR, LR, 09 09 50.4, SJG, San Juan, 26.74 79, LR, LR, 09 12 48.1, PFO, Pinyon Flats O, 27.82 316, LR, LR, 09 14 37.4, PDAR, Pinedale Array, 31.05 337, P, P, 09 03 09.7 -0.2, PDAR, comp=Z,1.5nm,0.9s,baz=138,slow=9.0,SNR=8.8, 31.05 337, P, P, 09 16 53.5, SADO, Sadowa, 32.43 20, LR, LR, 09 18 29.6, YMR, Madison River, 32.31 337, P, Iamb, 09 03 29.7 +0.9, MCMT, McKenzie Canyon, 34.07 336, P, P, 09 03 36.6 +0.4, ULM, Lac du Bonnet, 35.47 358, P, P, 09 03 45.1 -2.8, ULM, comp=Z,1.08nm,18.6s,baz=204,slow=42, 35.47 358, P, P, 09 21 26.3, F10A, Beach Ranch, E, 36.84 332, P, Iamb, 09 04 00.4 +0.5, F10A, comp=Z,6.5nm,0.9s, 36.84 332, P, Iamb, 09 04 01.1, NEW, Newport, 38.58 335, LR, LR, 09 23 11.4, LPAZ, La Paz, 39.92 140, P, P, 09 04 26.8 +0.2, LPAZ, comp=Z,0.9nm,0.7s,baz=300,slow=3.6,SNR=3.6, 39.92 140, P, P, 09 01 21.5, MDP, Montagnes des, 41.60 99, LR, LR, 09 22 48.6, SCHG, Schefferville, 45.18 22, LR, LR, 09 27 47.7, BBB, Bella Bella, 46.27 331, LR, LR, 09 27 59.8, YKA, Yellowknife Ar, 49.93 348, P, P, 09 05 44.3 -0.8, YKA, comp=Z,8.3nm,0.9s,baz=156,slow=7.3,SNR=7.6, 49.93 348, P, P, 09 28 58.2, YKAW3, Yellowknife Wh, 49.99 348, P, P, 09 05 44.2 -1.3, DLBC, Dease Lake, 51.28 337, LR, LR, 09 28 58.1, FRB, Fishers Bay, 52.02 14, LR, LR, 09 31 43.3, CPUP, Villa Florida, 54.08 139, LR, LR, 09 29 07.7, INOU, Inuvik, 59.25 344, LR, LR, 09 35 07.5, F30K, Barrier River, 59.41 343, P, Iamb, 09 06 53.8 +0.1, F30M, comp=Z,8.3nm,1.1s, 59.41 343, P, Iamb, 09 06 55.7, RES, Resolute Bay, 59.96 360, LR, LR, 09 35 07.5, H27K, Steamboat Bend, 60.34 340, P, P, 09 07 00.8 +0.5, J25K, Salcha River, 60.84 337, P, Iamb, 09 07 04.2, KDAD, Kodiak Island, 61.18 328, LR, LR, 09 32 55.7, ILAR, Eielson Array, 61.48 337, P, P, 09 03 07.8 -0.2, ILAR, comp=Z,2.6nm,0.8s,baz=133,slow=5.8,SNR=2.0, 61.48 337, P, P, 09 04 08.5, RND, Reindeer, 61.63 335, P, P, 09 07 09.5 +0.4, I23K, Minio Yukon-K, 62.59 337, P, P, 09 07 14.8 +0.5, SHEM, Shemya Is, Ala, 79.68 322, LR, LR, 09 42 26.8, SPITS, Spitsbergen Ar, 79.73 11, LR, LR, 09 46 53.8, NB2, NORSAR Subarray B, 84.34 28, P, P, 09 09 23.0 -0.5, NB2, comp=Z,1.24nm,18.8s,baz=252,slow=38, 84.34 28, P, P, 09 09 23.1 -0.5, NOA, NORSAR Array B, 84.34 28, P, P, 09 09 23.1 -0.5, NOA, comp=Z,2.9nm,0.9s,baz=290,slow=4.8,SNR=4.7, 84.34 28, P, P, 09 45 32.5, HFS, Hagfors, 85.01 19, LR, LR, 09 46 25.6, ARCES, ARCES Array B, 85.01 18, P, P, 09 09 30.2 -1.3, ARCES, comp=Z,0.8nm,0.5s,baz=292,slow=3.8,SNR=9.1, 85.01 18, P, P, 09 48 38.2, DAVOX, Davos/Dischmat, 88.51 24, LR, LR, 09 44 42.5, PETK, Petropavlovsk-89, 89.05 325, LR, LR, 09 49 32.4, UGLR, UGLR, 89.18 348, LR, LR, 09 55 14.3, TIXI, Tiksi, 89.18 348, LR, LR, 09 55 14.3, FINES, FINESS Array B, 90.58 25, P, P, 09 09 52.8 -0.7, FINES, comp=Z,0.9nm,0.5s,baz=299,slow=4.1,SNR=5.4, 90.58 25, P, P, 09 09 52.8 -0.7, VAE, Valguarnera, 95.03 49, LR, LR, 09 50 35.9, YAK, Noril'sk, 95.15 360, LR, LR, 09 57 46.8, YAK, comp=Z,3.9nm,19.2s,baz=338,slow=38, 95.15 360, LR, LR, 09 59 11.6, HHC, Hu-hao-tee, 119.90 338, eP, PKIKP, 09 15 43.4 +0.9, NJ2, Nanjing, 123.93 326, eP, PKIKP, 09 15 51.3 +0.8, NJ2, comp=Z,2.1nm,0.5s, 123.93 326, eP, pmax, 09 15 51.3 +0.8, PZH, PanZhiHua, 136.31 340, PKP, PKPdf, 09 16 14.3 +0.3, PZH, comp=Z,2.1nm,0.5s, 136.31 340, PKP, PKPdf, 09 16 14.3 +0.3

Table with columns: KOK, Dalky, 4.41 244, eS, Sn, 09 01 10.2 -0.5, DALK, Dalky, 4.41 244, eP, Sn, 09 00 22.3 +0.8, DALK, Dalky, 4.41 244, eP, Sn, 09 01 10.1 -2.1, PET, Petropavlovsk, 4.47 244, eS, Sn, 09 01 11.4 -2.1, INSR, Institute, 4.47 245, eS, Sn, 09 01 13.0 -0.7, GNL, GNL, 4.55 244, eS, Sn, 09 00 25.4 +1.6, KRMR, Karymshtinsky, 4.84 244, eS, Sn, 09 01 21.6 -1.1, RUS, Ruskaya, 4.87 239, eP, Sn, 09 00 28.4 +0.7, RUS, Ruskaya, 4.87 239, eP, Sn, 09 00 20.0 -3.4, PETK, Petropavlovsk-2.7nm,0.3s,baz=70,slow=18,SNR=3.5, 4.93 249, Pn, Sn, 09 01 30.0 +1.4, PETK, 3.1nm,0.3s,baz=76,slow=40,SNR=6.8, 4.93 249, Pn, Sn, 09 01 26.1 +1.1, MTRV, Mutnovka, 5.00 241, eP, Pn, 09 00 30.5 +0.7, MTRV, Mutnovka, 5.00 241, eP, Sn, 09 01 24.8 -2.2, GRL, Gorelyy, 5.02 242, eP, Sn, 09 00 31.0 +1.1, GRL, Gorelyy, 5.02 242, eP, Sn, 09 01 23.9 -3.5, ASAK, Asacha, 5.20 241, eP, Sn, 09 00 33.7 +1.2, ASAK, Asacha, 5.20 241, eP, Sn, 09 01 30.9 -0.9, APC, Apacha, 5.30 249, eP, Sn, 09 00 26.2 +2.5, KDR, Khodutka, Kamc, 5.47 235, eP, Sn, 09 00 30.3 -0.5, KDR, Khodutka, Kamc, 5.47 235, eP, Sn, 09 01 33.5 -4.7, ILAR, Eielson Array, 25.16 48, P, P, 09 04 38.5 -0.7, ILAR, 0.5nm,0.7s,baz=256,slow=8.9,SNR=7.3, 25.16 48, P, P, 09 04 38.5 -0.7, INK, Inuvik, 30.33 40, P, P, 09 05 26.0 +0.6, INK, 0.4nm,0.4s,baz=273,slow=4.4,SNR=3.3, 30.33 40, P, P, 09 05 26.0 +0.6, H11N2, WAKE ISLAND Hy 35.38 177, T, T, 09 43 50.9, H11N3, WAKE ISLAND Hy 35.39 177, T, T, 09 43 52.1, H11N1, WAKE ISLAND Hy 35.40 177, T, T, 09 43 49.2, H11S1, WAKE ISLAND Hy 36.59 178, T, T, 09 45 16.5, H11S3, WAKE ISLAND Hy 36.60 178, T, T, 09 45 23.0, H11S2, WAKE ISLAND Hy 36.61 178, T, T, 09 45 19.9, YKA, Yellowknife Ar, 39.54 46, P, P, 09 06 45.2 +0.5, YKA, 0.5nm,0.6s,baz=302,slow=8.2,SNR=4.1, 39.54 46, P, P, 09 06 45.2 +0.5, KURBB, Kurchatov Arra, 49.33 303, P, P, 09 08 04.2 +1.1, KURBB, 0.3nm,0.8s,baz=304,slow=7.3,SNR=1.8, 49.33 303, P, P, 09 08 04.2 +1.1, PDAR, Pinedale Array, 53.85 65, P, P, 09 08 38.2 +0.9, PDAR, 0.5nm,0.8s,baz=328,slow=5.3,SNR=3.6, 53.85 65, P, P, 09 08 38.2 +0.9, TXAR, Lajitas Array, 67.03 71, P, P, 09 10 08.0 +0.6, TXAR, 0.6nm,0.6s,baz=292,slow=5.1,SNR=3.9, 67.03 71, P, P, 09 10 08.0 +0.6, IDC 23 09:06:21.8-1.0, 34:43N-25:86E, h0km, mb4.0/1.1, mbtmp3.9/18, ML3.4/8, MS3.5/7, Error ellipse: s-maj=20.2km s-min=13.3km az=15.0, AFAD 23 09:06:21.4, 34:29N-25:79E, h4km, 5km, ML3.6, THE 23 09:06:23.8, 34 N:28 x 2 6E:1.3, h9km, 32km, ML3.5/6, h17km, 5/6, ATH 23 09:06:24.1, 34:41N-25:91E, h12km, 1km, ML3.6/8, Latitude uncertainty: 1 km; Longitude uncertainty: 2 km, ISK 23 09:06:24.3, 34:47N-25:90E, h17km, ML3.7/15, ISC 23 09:06:23.1-1.2, 34:40N-0:06-25.91E, 0.03, h9km, 7km, n98, r132/117, mb3.9/10, MS3.5/4, Crete, Code Station Name A° AZ° Phase ID Time Res ISC h m s ISC, ZKR Zakros, 0.76 19, Op, P, 09 06 38.6 +0.6, ZKR Zakros, 0.76 19, S, P, 09 06 38.7 -0.1, ZKR Zakros, 0.76 19, S, Sg, 09 06 50.8 +1.5, ZKR Zakros, 0.76 19, P, S, 09 06 37.8 -0.2, ZKR Zakros, 0.76 19, S, Sg, 09 06 48.8 -0.4, STIA Sitia Lasithi, 0.82 10, P, S, 09 06 39.7 +0.6, STIA Sitia Lasithi, 0.82 10, S, S, 09 06 50.8 -0.1, SIT2 Siteia, 0.82 11, P, S, 09 06 51.2 +0.1, SIT2 Siteia, 0.82 11, S, Sg, 09 06 51.0 +0.4, NPS Neapolis, 0.90 344, P, S, 09 06 55.9 +0.5, NPS Neapolis, 0.90 344, S, P, 09 06 40.2 -0.4, NPS Neapolis, 0.90 344, S, Sg, 09 06 52.9 +0.4, IACM Heraklion, 1.14 323, P, S, 09 06 45.3 0.0, IACM Heraklion, 1.14 323, S, Sn, 09 07 01.8 +0.5, IDI Anoyia, 1.22 317, Pn, Sn, 09 07 14.1 +0.3, IDI Anoyia, 1.22 317, S, Sn, 09 07 04.4 +0.9, IDI Anoyia, 1.22 317, LR, LR, 09 07 12.2, IDI Anoyia, 1.22 317, Pn, Pn, 09 06 46.7 0.0, IDI Anoyia, 1.22 317, P, Sn, 09 07 05.2 +0.4, IDI Anoyia, 1.22 317, S, Sg, 09 06 45.9 -0.8, IDI Anoyia, 1.22 317, S, Sg, 09 07 03.0 +0.3, KARP Karpathos, 1.54 41, Pn, Pn, 09 06 51.3 +0.2, KARP Karpathos, 1.54 41, P, Pn, 09 06 50.8 -0.1, KARP Karpathos, 1.54 41, P, S, 09 07 12.3 +0.5, KARP Karpathos, 1.54 41, Pn, Pn, 09 06 51.8 +0.8, GVD Gavdhos, 1.57 287, Pn, Pn, 09 06 52.0 +0.6, GVD Gavdhos, 1.57 287, P, Pn, 09 06 52.3 +0.3, GVD Gavdhos, 1.57 287, S, Sg, 09 07 13.9 +0.2, VAM Vamos, 1.73 306, P, S, 09 07 15.9 +0.4, VAM Vamos, 1.73 306, S, S, 09 06 54.3 +0.7, VAM Vamos, 1.73 306, Pn, Pn, 09 07 17.3 +0.1, VAM Vamos, 1.73 306, Pn, Pn, 09 06 54.6 +1.0, IMMV Iera Moni Meta, 1.91 304, Pn, Pn, 09 06 56.6 +0.5, IMMV Iera Moni Meta, 1.91 304, P, Pn, 09 05 57.1 +1.0, IMMV Iera Moni Meta, 1.91 304, S, Sn, 09 07 19.9 -0.4, IMMV Iera Moni Meta, 1.91 304, P, Pn, 09 06 56.3 +0.4, THERA Ancient Thera, 2.00 350, P, Pn, 09 06 57.9 +0.5, SNT5 Nea Kammeni, S, 2.05 348, P, Pn, 09 06 58.4 +0.4, KNDR Palaiochora Ch, 2.06 295, Pn, Pn, 09 06 58.8 +0.7, KNDR Palaiochora Ch, 2.06 295, P, Pn, 09 06 59.1 +1.3, YAZI Mula-Da'asa, 2.60 28, Pn, Pn, 09 07 06.2 +0.5, DAT Datca, 2.69 30, Pn, Pn, 09 07 07.7 +0.7, TURN Turnu, 3.04 38, Pn, Pn, 09 07 12.7 +1.0, TURN Turnu, 3.04 38, P, Pn, 09 07 07.9 -3.8, TURN Turnu, 3.04 38, S, Sn, 09 07 43.7 -4.5, KIRB Kirsehir, 3.27 27, Pn, Pn, 09 07 23.2 +0.2, DALY Dalyan (Mula), 3.29 42, Pn, Pn, 09 07 16.2 +1.1, DALY Dalyan (Mula), 3.29 42, P, Pn, 09 07 15.3 +0.3, DALY Dalyan (Mula), 3.29 42, S, S, 09 08 00.8 -1.3, YER Yerkesik, 3.34 35, Pn, Pn, 09 07 16.7 +0.8, IZZE Mula-Seydiye, 3.39 52, S, Sn, 09 07 17.1 -0.7, IZZE Mula-Seydiye, 3.39 52, P, Sn, 09 07 53.4 -3.4, IZZE Mula-Seydiye, 3.39 52, IAML, 09 08 03.0, comp=N,106nm,0.5s, 3.39 52, P, Pn, 09 07 18.4 +0.8, SABU Mula-Dalaman, 3.47 45, P, Pn, 09 07 20.4 +1.8, AKAS Kas, 3.53 58, P, Pn, 09 07 23.7 +0.4, AKAS Kas, 3.53 58, S, Sn, 09 08 00.3 -0.3, AKAS Kas, 3.53 58, IAML, 09 08 17.0, comp=N,131nm,0.8s, 3.53 58, P, Pn, 09 07 20.6 +0.8, AYDN Tasoluk, 3.63 26, P, Pn, 09 07 15.1 -1.3, AYDN Tasoluk, 3.63 26, S, Sn, 09 07 23.4 +1.8, CAME Cameli-Denizli, 3.75 46, Pn, Pn, 09 07 23.0 +0.4, DNZT Denizli-Tavas, 3.83 40, P, P, 09 07 23.0 +0.4, DNZT Denizli-Tavas, 3.83 40, S, Pn, 09 08 11.1 +3.3, KNIK Mula-Seydiye, 3.86 50, P, Pn, 09 07 23.5 +0.5, KNIK Mula-Seydiye, 3.86 50, S, S, 09 07 13.5 +0.9, AYDB Zeytinokoy-Aydi, 3.89 24, Pn, Pn, 09 07 24.8 +0.2, TAVA DENIZLI_Tavas, 3.91 38, P, Pn, 09 07 25.0 +1.2, TAVA DENIZLI_Tavas, 3.91 38, S, S, 09 08 11.8 +1.9, ESEN Aydin-Nazilli, 3.93 29, Pn, Pn, 09 07 23.5 -0.4, CHOS Chios Island, 3.98 2, Pn, Pn, 09 07 25.9 +1.2, IZRA Izmir, 3.99 8, Pn, Pn, 09 07 26.1 +1.3, ELLI Elmali, 4.02 63, Pn, Pn, 09 07 26.8 +1.6, NAZL Nazilli-Aydin, 4.05 28, Pn, Pn, 09 07 26.9 +1.3, GOLH Golhisar, 4.10 45, P, Pn, 09 07 28.0 +1.6, GOLH Golhisar, 4.10 45, S, Sn, 09 08 16.7 +2.2, AFMY Acipayam-Deniz, 4.12 41, Pn, Pn, 09 07 27.7 +1.1, ODEN Odemir Izmir, 4.29 27, P, Pn, 09 07 28.2 +1.3, KIRA zmirk-Kiraz, 4.29 27, P, Pn, 09 07 30.3 +0.4, KIRA zmirk-Kiraz, 4.29 27, S, Sn, 09 08 00.1 -1.9, KORT Korkuelli, 4.45 53, S, Pn, 09 07 35.7 +4.5, KORT Korkuelli, 4.45 53, S, Pn, 09 08 24.0 +0.8, PASA Karahalli, USA, 4.89 35, P, Pn, 09 07 37.0 -0.4, USAK Usak-Merkez, 4.98 29, P, Pn, 09 07 38.0 -0.4, USAK Usak-Merkez, 4.98 29, IAML, 09 07 51.0, comp=N,55nm,1.1s, 4.98 29, S, Sn, 09 07 55.7 -4.0, USAK Usak-Merkez, 4.98 29, S, Sn, 09 07 55.7 -4.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like BAYC CANAKKALE, MMAI Mount Meron, BRTR Keskin Array, etc.

NDI 23 09:11:31.2±1.3, 14.46N:94.04E, h36km, 11km, ML4.6, MW4.4, mb4.7(NEIC), Presumed earthquake
IDC 23 09:11:35.4±0.7, 14.01N:93.99E, h72km, 6km, mb3.8/14, mbtmp4.2/16, MS3.1/6, Error ellipse: s-maj=22.6km s-min=12.3km az=59.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like DGPUR DIGLIPUR, PBA Port Blair, KHLT Kholaoen Dam, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like CM09 Chiang Mai Arr, CHTO Chiang Mai, CHTO Chiang Mai, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h m s, ISC. Includes stations like SONM Songrio Array, KSRS Korea Array, KURB Kurchatov Arr, etc.

REN 23 09:17:19.7±1.3, 3.38°N:14N:0°11:18'01W:0.01, h8km, 2km, Error ellipse: s-maj=1.7km s-min=1.4km az=61.0
NEIC 23 09:18:17.38±1.4N:18°00'W:10km, Moment Tensor Solution. Moment tensor: Solution 1014Nm; Mr=0.13; Ms=1.28; M0=1.41; M1=0.04; M2=0.06; M3=0.19; Fault plane solution: Mo:1.53000x10^14 Np1:0.148, 0.00000, 0.80, 0.0000, -1.65, 0.0000. NP2:0.55, 0.0000, 0.75, 0.0000, -1.7, 0.0000. Principal axes: T:1.0669, Plg4.0000, Azm133.0000; N:0.0978, Plg21.0000; Azm225.0000; P:1.647, Plg6.0000; Azm33.0000.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like NV11, NV06, NV07, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like NPS ANOYIA, NPS ANOYIA, NPS ANOYIA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like AYDB Zeytinoglu-Aydi, TAVA DENIZLI_Tavas, ESEN Aydin-Nazilli, etc.

ICD 23 09:29:45.4 1.7, 34.25N:25.81E, h0km, mb3.6/6, mbmp3.5/10, ML3.3/7, MS3.7/2, Error ellipse: s-maj=24.5km s-min=18.1km az=26.0

ICD 23 09:51:02.9 0.0, 34.14N:25.64E, h0km, mb4.0/11, mbmp4.0/18, ML3.3/7, MS3.5/15, Error ellipse: s-maj=20.3km s-min=14.8km az=11.0

ICD 23 09:51:02.3 34.13N:25.62E, h5km, ML3.5/13, GII 23 09:51:02.9 0.0, 34.131N:25.651E, h0km, Mw5.4, 1, confirmed

23d 13h

Table with columns: GTOI, KAPI, FITZ, WRA, ASAR, GUMU, KSRs, MKAR, GSPA. Includes station names, coordinates, and times.

AEIC 23 11:36:58.1±2.6,52.3N,0.2±1.73,2W,0.2,h163km,5km, Error ellipse: s-maj=31.4km s-min=10.0km az=159.0

NEIC 23 11:36:57.0±1.0,52.3N,0.2±1.73,2W,0.2,h167km,7km, ML3.1/1.4,ML2.8(AEIC). Error ellipse: s-maj=31.2km s-min=10.3km az=161.0, Andraeanof Islands

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Korovin Southe, Korovin Flat P, etc.

ADC 23 12:09:02.9±3.9,4.46S,-151.29E,h0km,mb3.1/2, mbmp3.2/2, Error ellipse: s-maj=159.8km s-min=50.6km az=116.0, New Britain region

Table with columns: WRA, ASAR, TORD, KRV, PMG, WRA, ASAR, MKAR. Includes station names, coordinates, and times.

2020 MAY

Table with columns: ILAR, TORD. Includes station names, coordinates, and times.

TAP 23 12:12:33.0,2.103N,121.19E,h40km,1km,ML4.0,D

NEIC 23 12:12:38.9±2.1,48N,0.09±1.21,26E,0.0,h24km,7km, mb4-4.52, Error ellipse: s-maj=14.1km s-min=9.1km

NIED 23 12:12:39.4,2.1260N,121.01E,h34km,MV4.0,Moment Tensor Solution: s' Moment tensor: Scale 10^15N/m; M=0.20; Ms=0.84; Mw=0.64; Mw0.23; Mw0.39; Mw0.53; Fault plane solution: M1:0.0000x10^15 NP1: 0±118.0000°,85.0000°,λ-11.0000°. NP2: 0±214.0000°,81.0000°,λ-144.0000°.

JMA 23 12:12:39.4,0.7,22°N,3×12°E,1.1E, h34km, MV4.4/12, TAIWAN REGION

ISC 23 12:12:36.21.5,21.29N,0.04±121.15E,0.04,h12km,9km, n151,±125/157,mb4.1/26,MS3.7/3,1C,Taiwan region

Main station list table for 2020 MAY with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Hengchuen, Pin, etc.

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Table with columns: ZALV, H11N1, H11N2, H11N3, H11S3, WB0, H11S1, H11S2, WRAB, WRAB, WRA, WRB, WRS, WRS, KURK, KURB, AS31, ASAR, ASAR, NRK, NRK, NRK, INKA, INKA, AB31, ABK, C18K, D19K, D19K, D20K, D20K, B21K, E21K, E21K, B22K, B22K, RED, L22K, F24K, F24K, F24K, ILAR, ARCES, ARCES, ARCES, E28M, E28M, FINE1, FINE1, FINE1, FINE1, YKAW, YKAW, YKA, YKA. Includes station names, coordinates, and times.

REN 23 13:07:08.0±0.6,38°15'N,0°01'±117.99W,0.01,h0km,2km, Error ellipse: s-maj=2.1km s-min=1.1km az=218.0

NEIC 23 13:07:08.9,38°17'N,118°00'W,h10km

NEIC 23 13:07:08.9±0.7,38°17'N,0°01'±117.99W,0.02,h9km,2km, ML3.5/1.94,Mw3.5/48,ML3.5/2(REN). Error ellipse: s-maj=2.2km s-min=1.4km az=219.0,Moment Tensor M=1.44; Mw=1.90; Mw0.60; Mw1.12; Mw0.99; Fault plane solution: M=2.14000x10^14 NP1:0±240.02000°, 88.05000°,λ-18.5000°. NP2:0±333.33000°,87.179000°, λ-169.52000°. Principal axes: T=2.6355,Plg6.0000°, Azm288.0000°,N-0.2833,Plg69.0000°,Azm33.0000°; P-1.9803,Plg20.0000°,Azm196.0000°; Nevada

Main station list table for 1492 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Mina Array Sit, etc.

WAKR	comp=E,762nm,0.6s	IAML		13 07 51.8	
GRAC	Grapevine Rang	1.27 157	Pn	13 07 32.5 -0.4	
KCC	Kaiser Creek	1.25 232	Pn	13 07 34.0 0.0	
PNTR	Pine Nut	1.56 307	Pn	13 07 36.8 -0.2	
CWC	Cottonwood Cre	1.73 182	Pn	13 07 39.0 0.3	
WCT	Wildcat Mounta	1.75 141	Pn	13 07 39.3 -0.2	
TPNV	Topopah Spring	1.84 131	Pn	13 07 40.4 -0.5	
TPNV	comp=E,766nm,0.5s	IAML		13 08 12.5	
S11A	Rachee	1.85 106	Pn	13 07 40.6 -0.4	
PAHR	Pat Rah Range	1.88 325	Pn	13 07 41.2 -0.2	
PAHR	comp=N,713nm,0.3s	IAML		13 08 10.6	
PAHR	comp=E,673nm,0.8s	IAML		13 08 11.9	
CMB	Columbia Cole	1.90 267	Pn	13 07 40.9 -0.6	
CMB	comp=N,350nm,0.5s	IAML		13 08 09.6	
R11B	Troy Canyon,C	1.90 84	Pn	13 07 40.8 -0.9	
MPK	Marlita Peak	1.95 306	Pn	13 07 43.7 -1.1	
MPK	comp=E,577nm,0.5s	IAML		13 08 15.0	
MPK	comp=N,603nm,0.4s	IAML		13 08 15.1	
SDH	Striped Hills	2.01 139	Pn	13 07 43.5 +0.3	
PEAR	Peavine Mounta	2.10 314	Pn	13 07 44.8 +0.2	
DNOR	Donner Summit	2.17 304	Pn	13 07 46.7 +1.3	
AMDNV	Amargosa	2.19 141	Pn	13 07 45.9 +0.4	
GWF	Greenwater Val	2.24 152	Pn	13 07 46.0 -0.4	
QSM	Queen of Sheba	2.38 157	Pn	13 07 48.0 -0.1	
QSM	comp=E,437nm,0.6s	IAML		13 08 26.2	
QSM	comp=N,442nm,0.6s	IAML		13 08 27.2	
AFDM	Forest Hills D	2.46 289	IAML	13 08 32.4	
BEKR	Beckworth	2.50 313	Pn	13 07 51.1 +1.1	
BEKR	comp=E,164nm,0.3s	IAML		13 08 29.8	
BEKR	comp=N,194nm,0.4s	IAML		13 08 30.4	
SHPR	Sheep Range	2.80 126	Pn	13 07 54.1 0.0	
MHC	Mount Hamilton	3.01 255	IAML	13 08 45.6	
MHC	comp=E,142nm,1.3s	IAML		13 08 46.1	
PKD	Bear Valley Ra	3.02 223	IAML	13 08 53.5	
PKD	comp=N,244nm,0.9s	IAML		13 08 54.3	
GSC	Goldstone, Bar	3.02 161	IAML	13 08 47.0	
GSC	comp=E,182nm,1.4s	IAML		13 08 48.8	
GSC	comp=N,191nm,0.7s	IAML		13 08 55.0	
SUTB	Sutter Butte	3.15 291	IAML	13 08 55.0	
PSUT	Pine Spring	3.27 82	IAML	13 08 55.5	
PSUT	comp=N,144nm,0.3s	IAML		13 09 03.6	
TPO	Tropico Hills	3.29 183	IAML	13 09 16.0	
MTPC	Mountain Pass	3.32 143	IAML	13 08 58.0	
MTPC	comp=N,96nm,0.5s	IAML		13 08 58.7	
ELK	Elko	3.34 39	Pn	13 08 01.5 0.0	
V12A	Nelson	3.50 133	IAML	13 09 04.7	
V12A	comp=N,95nm,1.2s	IAML		13 09 05.7	
CVS	Carmenet Viney	3.52 274	IAML	13 09 07.3	
MNRC	McLaughlin Min	3.56 283	IAML	13 09 30.5	
OSI	Osito Audit,C	3.60 190	IAML	13 09 07.2	
OSI	comp=E,58nm,0.9s	IAML		13 09 08.4	
O03E	Paynes Creek	3.64 307	IAML	13 09 05.2	
O03E	comp=N,54nm,0.6s	IAML		13 09 16.5	
CCUT	Cedar City	3.71 98	IAML	13 09 13.3	
CCUT	comp=E,59nm,0.6s	IAML		13 09 13.5	
HATC	Hat Creek Radi	3.77 316	IAML	13 09 12.9	
HATC	comp=E,106nm,1.4s	IAML		13 09 16.3	
GDXM	Geysers	3.82 281	IAML	13 09 13.5	
SZCU	Shurtz Canyon	3.92 97	IAML	13 09 17.4	
SZCU	comp=N,86nm,0.5s	IAML		13 09 20.0	
MWC	Mount Wason	3.94 181	IAML	13 09 25.9	
LCMT	Little Creek M	3.94 106	Pn	13 08 09.3 -0.4	
KNB	Knab	4.26 104	Pn	13 08 14.3 +0.2	
KNB	comp=N,36nm,1.1s	IAML		13 09 31.5	
TCRU	Three Creeks R	4.38 83	IAML	13 09 35.0	
TCRU	comp=N,54nm,0.9s	IAML		13 09 37.4	
M03C	McCloud	4.45 316	IAML	13 09 35.6	
M03C	comp=N,44nm,0.8s	IAML		13 09 50.0	
W13A	Hualapai Mount	4.50 132	IAML	13 09 43.3	
W13A	comp=N,32nm,1.3s	IAML		13 09 50.9	
MTPU	Mount Pierson	4.58 90	IAML	13 09 36.9	
PFO	Pinyon Flats O	4.71 164	IAML	13 09 47.7	
BGU	Big Grassy Mou	4.72 53	IAML	13 09 41.6	
BGU	comp=N,60nm,0.7s	IAML		13 09 46.6	
U15A	North Rim	4.87 109	IAML	13 09 43.7	
U15A	comp=N,34nm,0.7s	IAML		13 09 47.2	
BC3	Big Chukawall	4.95 155	IAML	13 09 51.0	
BC3	comp=E,23nm,1.1s	IAML		13 10 01.4	
BORC	Borrego Spring	5.06 165	IAML	13 09 53.1	
J08A	Circle Bar Ran	5.20 356	IAML	13 10 00.5	
J08A	comp=N,42nm,0.9s	IAML		13 10 00.9	
L04D	Klamath Falls	5.22 322	IAML	13 10 05.8	
L04D	comp=N,21nm,3.1s	IAML		13 10 08.1	
BLYC	Blythe	5.23 146	IAML	13 09 56.9	
MPU	Maple Canyon	5.28 68	IAML	13 10 08.3	

GUC 23 13:11:00.8:0.7,33:50S:70:01W,h118km,2km,ML5.2
NEIC 23 13:11:00.4:2.5,33:51S:0:05:69:8W,0:1,h114km,4km,
mb5.1/98,MMW5.2/37,MW5.2(GUC),Error ellipse:
s-maj=12.6km s-min=7.3km az=94.0
IDC 23 13:11:01.8:0.3,33:42S:69:66W,h129km,2km,mb4.7/14,
mbmp5.1/17,MS3.9/19,Error ellipse: s-maj=12.8km
s-min=7.1km az=112.0
NEIC 23 13:11:01.33:61S:69:62W,h120km, Moment Tensor
Solution. Duration: 2.91 Moment tensor: Scale 1016Nm;
Mn=3.36; Mw=0.44; M0=2.91; Mw=4.23; Mw=5.37; Mw=2.80;
Fault plane solution: M68.030000x1016 NP1.3,3.020000;
859.20000; 1-148.03000; NP2.254.83000;
663.25000; 1-36.14000; Principal axes: T 2.088,
Plg3.0000; Azm310.0000; N 1.4520, Plg46.0000;
Azm43.0000; P -8.6668, Plg44.0000; Azm217.0000;
GCMT 23 13:11:03.5:0.1,33:56S:0:01:69:81W,0:01,h130km,1km,
MW5.2/132, Moment Tensor Solution. s94,c137;
s132,c224; Duration: 1s0 Moment tensor: Scale 1016
Nm; Mn=3.68; Mw=1.4; M0=4.29; Mw=4.29; 12; Best double
couple: M=8.99600x1016 NP1.3,3.020000; 857.00000;
7-32.00000; NP2.254.830000; 864.00000; 1-143.00000;
Principal axes: T 7.7200, Plg4.0000; Azm125.0000; N
2.6510, Plg45.0000; Azm300.0000; P -10.2720;
Plg44.0000; Azm218.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
Triangular moment-rate function
ISC 23 13:11:00.5:0.3,33:45S:0:02:69:90W,0:03,h126km,2km,
h126km;pP,n470,0.1972/504,mb5.1/124,26C-9D,
Chile-Argentina border region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
MT08	Bocatomra Ro	0.10	275	Op	13 11 17.8	0.0
MT08	Bocatomra Ro	0.10	275	Pn	13 11 17.6	-0.3
MT08	Bocatomra Ro	0.10	275	iP	13 11 17.9	0.0
MT08	Bocatomra Ro	0.10	275	iS	13 11 29.8	-1.2
MT04	Ro Olivares	0.20	284	iP	13 11 18.0	-0.1
MT04	Ro Olivares	0.20	284	iS	13 11 36.5	+2.2
MT04	Ro Olivares	0.20	284	iP	13 11 18.0	+0.1
MT04	Ro Olivares	0.20	284	iS	13 11 30.5	-0.9
FCH	Farellones	0.35	291	iP	13 11 18.8	0.0
FCH	Farellones	0.35	291	iS	13 11 32.0	-0.4
FCH	Farellones	0.35	291	iP	13 11 34.0	0.0
MT13	San Alfonso	0.43	228	eP	13 11 18.4	-0.5
MT13	San Alfonso	0.43	228	eS	13 11 18.3	-0.5
MT13	San Alfonso	0.43	228	iP	13 11 33.1	+0.4
MT13	San Alfonso	0.43	228	iS	13 11 37.9	0.0
MT13	San Alfonso	0.43	228	iP	13 11 18.4	-0.5
MT13	San Alfonso	0.43	228	iS	13 11 37.4	0.0
LMEL	Las Melosas	0.47	213	iP	13 11 18.7	-0.4
LMEL	Las Melosas	0.47	213	iS	13 11 32.9	-0.8
LMEL	Las Melosas	0.47	213	iP	13 11 38.8	0.0
MT03	Universidad Ad	0.51	265	Op	13 11 18.9	-0.3
MT03	Universidad Ad	0.51	265	Op	13 11 34.3	+0.9
MT03	Universidad Ad	0.51	265	eP	13 11 18.3	-0.6
MT03	Universidad Ad	0.51	265	eS	13 11 34.0	+0.5
MT03	Universidad Ad	0.51	265	iP	13 11 36.2	0.0
MT03	Universidad Ad	0.51	265	iS	13 11 19.2	0.0
MT03	Universidad Ad	0.51	265	iP	13 11 32.4	-1.0
MT03	Universidad Ad	0.51	265	iS	13 11 35.5	0.0
MT16	CCHEN	0.52	273	iP	13 11 19.3	0.0
MT16	CCHEN	0.52	273	iS	13 11 18.8	-0.5
MT16	CCHEN	0.52	273	iP	13 11 32.5	-0.9
MT16	CCHEN	0.52	273	iS	13 11 37.5	0.0
MT15	Las Vizcachas	0.53	254	iP	13 11 19.1	-0.2
MT15	Las Vizcachas	0.53	254	iS	13 11 32.5	-1.0
MT15	Las Vizcachas	0.53	254	iP	13 11 35.6	0.0
MT14	Cerro Caljn	0.54	276	iP	13 11 19.4	+0.1
MT14	Cerro Caljn	0.54	276	iS	13 11 32.8	-0.8
MT14	Cerro Caljn	0.54	276	iP	13 11 35.7	0.0
MT10	Hacienda Santa	0.56	288	iP	13 11 19.8	+0.2
MT10	Hacienda Santa	0.56	288	iS	13 11 33.5	-0.6
MT10	Hacienda Santa	0.56	288	iP	13 11 35.8	0.0
MT12	Pirque	0.61	243	iP	13 11 19.7	-0.1
MT12	Pirque	0.61	243	iS	13 11 33.0	-1.4
MT12	Pirque	0.61	243	iP	13 11 37.9	0.0
MT05	Renca	0.70	275	eP	13 11 20.4	-0.1
MT05	Renca	0.70	275	eS	13 11 20.2	-0.1
MT05	Renca	0.70	275	iP	13 11 40.7	0.0
MT05	Renca	0.70	275	iS	13 11 20.4	-0.1
MT05	Renca	0.70	275	iP	13 11 34.8	-0.8
MT05	Renca	0.70	275	iS	13 11 37.2	0.0
PEL	Peldehue	0.73	295	P	13 11 20.0	-0.6
PEL	Peldehue	0.73	295	S	13 11 20.0	-0.6
PEL	Peldehue	0.73	295	P	13 11 35.0	-0.0
PEL	Peldehue	0.73	295	eS	13 11 36.8	+0.9
PEL	Peldehue	0.73	295	eS	13 11 42.5	0.0
PEL	Peldehue	0.73	295	iP	13 11 19.9	-0.8
PEL	Peldehue	0.73	295	iS	13 11 35.9	0.0
PEL	Peldehue	0.73	295	iP	13 11 37.5	0.0
BO04	La Punta	0.80	228	Sn	13 11 20.6	-0.6
BO04	La Punta	0.80	228	Op	13 11 37.3	+0.3
BO04	La Punta	0.80	228	iP	13 11 20.6	-0.6
BO04	La Punta	0.80	228	iS	13 11 35.8	-1.1
VA03	San Esteban	0.88	321	eP	13 11 22.4	+0.4
VA03	San Esteban	0.88	321	eP	13 11 22.1	+0.1
VA03	San Esteban	0.88	321	iP	13 11 42.1	0.0
VA03	San Esteban	0.88	321	iS	13 11 23.4	+0.4
VA03	San Esteban	0.88	321	iS	13 11 38.5	+0.2
VA03	San Esteban	0.88	321	iP	13 11 41.2	0.0
MT09	Talagante	0.96	250	iP	13 11 22.1	-0.7
MT09	Talagante	0.96	250	iP	13 11 22.1	-0.7
MT09	Talagante	0.96	250	iS	13 11 38.9	-0.8
MT09	Talagante	0.96	250	iP	13 11 40.7	0.0
AAGR	Agrelo	0.97	68	eP	13 11 22.8	0.0
ARCO	CERRO ARCO	1.01	53	eP	13 11 23.3	0.0
ARCO	CERRO ARCO	1.01	53	eP	13 11 44.5	0.0
ROCH	El Roble	1.05	297	iP	13 11 23.7	0.0
ROCH	El Roble	1.05	297	iS	13 11 29.9	0.5
MT02	Curacav	1.05	280	eP	13 11 23.1	-0.4
MT02	Curacav	1.05	280	eP	13 11 22.9	-0.6
MT02	Curacav	1.05	280	eS	13 11 41.7	+0.7
MT02	Curacav	1.05	280	iP	13 11 44.6	0.0
MT02	Curacav	1.05	280	iP	13 11 23.1	-0.5
MT02	Curacav	1.05	280	iS	13 11 39.8	-1.1
AVIZ	Vizcacheras	1.16	91	eP	13 11 24.4	-0.2
MT01	Popeta	1.20	250	eP	13 11 24.1	-0.9
MT01	Popeta	1.20	250	eP	13 11 24.1	-0.9
MT01	Popeta	1.20	250	eS	13 11 42.9	-0.7
MT01	Popeta	1.20	250	iP	13 11 44.8	0.0
MT01	Popeta	1.20	250	iP	13 11 24.1	-0.9
MT01	Popeta	1.20	250	iS	13 11 41.8	-1.8
MT01	Popeta	1.20	250	iP	13 11 43.5	0.0</

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like H03S3, H03N1, H03N2, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like NBPV, SDV, SDV, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like HDIL, ANMO, ANMO, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like NNZ, TRVZ, ETVZ, PNTR, etc.

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

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like CO02, CO02, CO02, CO02, etc.

SJA 23 13:20:14.7: 0.7, 31.34S: 68.68W, h107km, 1km, ML3.4, MW3.5
GUC 23 13:20:14.6: 0.8, 31.28S: 68.82W, h129km, 15km, ML3.6
ISC 23 13:20:15.7: 1.2, 31.34S: 68.70W: 0.03, h105km, 6km, m3, r106/108, 3C, San Juan Province

GII 23 13:28:19.4: 0.0, 34.91N: 25.63E, h0km, Mws3.2, confirmed
ATH 23 13:28:27.5: 34.90N: 26.28E, h16km, 1km, ML3.0/6, Latitude uncertainty: 1 km; Longitude uncertainty: 1 km
THE 23 13:28:28.5: 35.1N: 4.2E, h14km, 2km, M2.7/6, MLh2.7/6
ISC 23 13:28:28.4: 1.1, 34.94N: 0.05: 26.24E: 0.03, h13km, 8km, n26, r184/44, Crete

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like SIT2, NPS Neapolis, KARP Karpathos, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like WATA Walderalm, SFTA Sankt Quirin, FETA Feichten, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like OWD Renai, WHF Hehuan Shan, EHF Wanrong, etc.

IDC 23 13:35:23.2-1.0, 34.08N:25.69E, h0km, mb3.6/10, mbmp3.6/19, ML3.4/8, MS2.9/2, Error ellipse: s-maj=18.6km s-min=12.9km az=31.0

IDC 23 13:44:10.6-1.4, 51.58N:168.07W, h0km, mb3.7/10, mbmp3.7/10, Error ellipse: s-maj=38.7km s-min=25.4km az=178.0

JMA 23 13:49:35.5-2.0, 24.33N:104.123E, 0.15h, 17km^{1.9}, km

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like IRIF Iriomote-Funau, JKRS Kuro-shima, etc.

ISC 23 13:35:26.4-2.4, 34.00N:26.65E, 0.05, h27km^{1.8}, km

ISC 23 13:47:12.8-3.0, 51.75N:168.18W, 0.08, h11km^{1.1}, km

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like ZKR Zakros, KZK Zakros, NPS Neapolis, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like OKFP Okmok Steeple, OKSG Magazine Ridge, OKKE Okmok Cone E, etc.

IDC 23 14:03:44.3-1.5, 13.66S:172.40E, h0km, mb4.2/7, mbmp4.2/7, Error ellipse: s-maj=72.6km s-min=20.9km az=139.0

NEIC 23 14:04:45.4-1.5, 14.20S:0.00E:171.6E:0.2, h625km^{1.1}, km, mb4.3/14, Error ellipse: s-maj=23.5km s-min=11.3km az=82.0

ISC 23 14:04:44.0-0.7, 14.2S:0.1:171.5E:0.1, h600km, n30, s1822/31, mb4.2/15, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like SANVU Saraoutou, HAARU Mare, Loyalty, etc.

TAP 23 13:49:01.0, 23.87N-121.67E, h25km, ML2.3, C, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like TEYL Yanliu Villag, HWA Hwalien, SHUL Shoufeng, etc.

RSNC 23 14:12:11.8-0.0, 7.7N:1.7W, h143km, 1km, M2.2, ML1.9, MLV2.5

FUNV 23 14:12:11.9, 7.71N:73.22W, h3km, MW2.8, Presumed earthquake

ISC 23 14:12:09.3-1.5, 6.83N:104.73E:0.05, h155km, gkm, n21, s1947/41, Northern Colombia

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BRJC Barrancabermej, RUSC La Rusia, PUERTO BERRIO, etc.

IDC 23 14:17:07.9.2.9, 3:38N, 94:22E, h0km, mb3.6/4, mbmp3.6/5, ML3.6/1, Error ellipse: s-maj=116.6km

DJA 23 14:17:18.6.0.7.4, N.3:9.5E.1, h39km, 12km, M4, 1/23, mb5.8/2, mb4.4/7, MLV.0/23, Mv(m)B5.4/2

ISC 23 14:17:17.4.0.9, 4.04N, 0.06E, 95:18E, 0:10, h37km, n25, e131/19, mb3.6/4, Northern Sumatera

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MNSI Meulaboh, BSI Banda Aceh, LHMI Lhok Sumawe, etc.

IDC 23 14:30:28.8.6.9, 1.07S, 103:43E, h0km, mb3.5/5, mbmt3.5/5, MS3.7/2, Error ellipse: s-maj=404.4km

s-min=21.7km az=53.0, Southern Sumatera

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

KRSC 23 15:09:34.1.1.7, 55:56N, 160:04E, h221km, 15km, M3.6, Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KMNR Kamenistaya, TUMR Tumrok, KLY Klyuchi, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KRMR Karymshinskiy, GRL Gorelyy, RUS Russkaya, etc.

SJA 23 15:17:25.6.0.5, 19:76S, 70:35W, h57km, 4km, ML3.5, MW3.6

NEIC 23 15:17:27.8.0.5, 19:75S, 0:02, 70:35W, 0:06, h41km, 12km, RUS, s-min=3.0km az=76.0

GUC 23 15:17:28.2.0.8, 19:74S, 70:31W, h52km, 3km, ML3.5, ISC 23 15:17:27.1.1, 19:74S, 0:02, 70:36W, 0:04, h41km, 9km, n56, e166/87, 1C-50, Near coast of northern Chile

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

IDC 23 15:17:28.2.0.8, 19:74S, 70:31W, h52km, 3km, ML3.5, ISC 23 15:17:27.1.1, 19:74S, 0:02, 70:36W, 0:04, h41km, 9km, n56, e166/87, 1C-50, Near coast of northern Chile

IDC 23 15:21:58.3.1.1, 42:40N, 78:22E, h0km, mb3.7/9, mbmp3.9/16, ML3.7/7, MS3.3/9, Error ellipse: s-maj=15.4km s-min=9.0km az=144.0

KRNET 23 15:21:59.1.0.1, 42:36N, 78:23E, h21km, mb4.8, NNC 23 15:22:00.5.0.5, 42:48N, 78:17E, h0km, mb4.6, mpv4.7, Error ellipse: s-maj=4.3km s-min=1.8km az=173.0

KNET 23 15:22:00.9.0.2, 42:43N, 78:02E, h6km, 1km, m4.4, Error ellipse: s-maj=2.6km s-min=1.4km az=30.0

SOME 23 15:22:00.0, 42:42N, 78:10E, h0km, MS3.3, ISC 23 15:21:59.6.1.1, 42:42N, 0:02, 78:15E, 0:02, h3km, 7km, n117, e160/187, mb3.6/7, MS3.3/7, 49C-35D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PISGXC Pisagua, HMBC Humberstone, HMBC Humberstone, etc.

IDC 23 15:21:58.3.1.1, 42:40N, 78:22E, h0km, mb3.7/9, mbmp3.9/16, ML3.7/7, MS3.3/9, Error ellipse: s-maj=15.4km s-min=9.0km az=144.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PRZ Przheval'sk, SATY Saty, SATY Saty, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PB09 IPOC Station P, PB09 IPOC Station P, PB03 IPOC Station P, etc.

IDC 23 15:21:58.3.1.1, 42:40N, 78:22E, h0km, mb3.7/9, mbmp3.9/16, ML3.7/7, MS3.3/9, Error ellipse: s-maj=15.4km s-min=9.0km az=144.0

KRNET 23 15:21:59.1.0.1, 42:36N, 78:23E, h21km, mb4.8, NNC 23 15:22:00.5.0.5, 42:48N, 78:17E, h0km, mb4.6, mpv4.7, Error ellipse: s-maj=4.3km s-min=1.8km az=173.0

KNET 23 15:22:00.9.0.2, 42:43N, 78:02E, h6km, 1km, m4.4, Error ellipse: s-maj=2.6km s-min=1.4km az=30.0

SOME 23 15:22:00.0, 42:42N, 78:10E, h0km, MS3.3, ISC 23 15:21:59.6.1.1, 42:42N, 0:02, 78:15E, 0:02, h3km, 7km, n117, e160/187, mb3.6/7, MS3.3/7, 49C-35D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PRZ Przheval'sk, SATY Saty, SATY Saty, etc.

23d 15h

Table with columns: Station Name, Frequency, Band, Azimuth, Elevation, SNR, and other parameters. Includes stations like ARXS, NRN, KTMS, DGS, TKM2, etc.

2020 MAY

Table with columns: Station Name, Frequency, Band, Azimuth, Elevation, SNR, and other parameters. Includes stations like MK31, MKAR, MKAR, MKAR, MKAR, etc.

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Table with columns: Station Name, Frequency, Band, Azimuth, Elevation, SNR, and other parameters. Includes stations like PRZ, PRZ, SATY, SATY, SATY, etc.

KRNET 23 15:29:49.9, 0.1, 42.36N, 78.20E, h21km, mb2.7
SOME 23:50.9, 42.40N, 78.15E, h10km
NIC 23 15:29:50.9, 0.7, 42.45N, 78.20E, h0km, mb2.7, mpv3.1,
Error ellipse: s-maj=5.6km s-min=2.1km az=168.0
ISC 23 15:29:51.2, 1.0, 42.35N, 0.04W, h22E, 0.03, h13km, 8km,
n42, i1887.6, 14C-8D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res, and other parameters. Includes stations like PRZ, PRZ, TARG, TARG, SATY, SATY, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SHLS, PDGK, IZV, ULHL, BOOM, BLB, KST, ARX, DGS, KRBS, JNKS, AAK, SGDS, MRKS, etc.

DJA 23 15:50:07.3-0.3, 4°N-3°9'E, h128km, mb3.6/21, mb5.8/2, mb4.7/5, MLV3.1/21, Mw(MB)5.4/2, Northern

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MLI, LHM, LASI, TPTI, KCSI, BSI, SNSI, PBSI, KRJI, TPLI, etc.

KRNET 23 16:07:11.4-0.1, 42°35'N-78°26'E, h23km, mb2.8, NNC 23 16:07:13.9-0.7, 42°50'N-78°22'E, h0km, mb2.4, mpv2.6, Error ellipse: s-maj=5.7km s-min=2.2km az=169.0

SOME 23 16:07:13.2, 42°40'N-78°18'E, h15km, ISC 23 16:07:12.3-1.0, 42°36'N-0.04-78°23'E-0.03, h141km, 8km, n29, e190/52, 10C-4D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PRZ, TARG, SATY, UZB, TNS, KOTS, SHLS, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PDGK, IZV, ULHL, BOOM, BLB, KST, DGS, KRBS, AAK, etc.

GII 23 16:09:09.3-0.0, 33°77'N-0°00'1-25°60'E, 0°00'1, h0km, Mvs4.7, confirmed

THE 23 16:09:09.6, 34°N-9°2'6"E, h0km, 19km, M3.7/9, MLh3.7/9

IDC 23 16:09:10.5-0.7, 34°16'N-25°65'E, h0km, mb4.1/22, mbmp4.1/33, ML3.8/10, MS3.7/38, Error ellipse: s-maj=14.7km s-min=1.1, 6km az=18.0

ISK 23 16:09:10.3, 34°11'N-25°65'E, h5km, ML3.8/15, NEIC 23 16:09:11.6-2.3, 34°08'N-0.05-25°53'E-0.08, h10km, 1km, mb4.3/21, Error ellipse: s-maj=10.9km s-min=9.0km az=283.0

MOS 23 16:09:11.0-1.0, 34°14'N-25°63'E, h12km, mb4.6/25, Error ellipse: s-maj=7.5km s-min=3.7km az=82.2

ATH 23 16:09:13.9, 34°22'N-25°67'E, h28km, 12km, ML3.8/11, Latitude uncertainty: 3 km; Longitude uncertainty: 1 km

ISC 23 16:09:10.7-0.9, 34°05'N-0.04-25°69'E-0.03, h3km, 5km, n325, e148/345, mb4.3/50, MS3.8/34, 25C-20D, Crete

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ZKR, KZR, ZKS, ZKR, ZKR, ZKR, ZKR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CSS, SRS, KFK, KNT, OFRI, OFRI, HNTI, HNTI, KZIT, KZIT, AMAZ, AMAZ, MMAOB, MMAOB, MMAI, MMAI, etc.

MATE Matra 9.72 315 U P Pn 16 11 30.2 -1.1

MATE Matra 9.72 315 U P Pn 16 11 30.2 -1.1

VAE Valparnera 9.78 294 P Pn 16 11 33.5 +1.2

VAE Valparnera 9.78 294 P Pn 16 11 33.5 +1.2

MLR Muntele Rosu 11.43 1 P Pn 16 11 55.9 +0.9

MLR Muntele Rosu 11.43 1 P Pn 16 11 55.9 +0.9

GZR Gura Zlata 11.55 350 U P Pn 16 11 57.4 +0.9

GZR Gura Zlata 11.55 350 U P Pn 16 11 57.4 +0.9

OBKA Obir 15.05 329 i Pn Pn 16 12 43.9 -0.4

OBKA Obir 15.05 329 i Pn Pn 16 12 43.9 -0.4

ARSA Arzberg 15.26 333 i Pn Pn 16 12 47.1 +0.1

ARSA Arzberg 15.26 333 i Pn Pn 16 12 47.1 +0.1

RONA Rosalia, Austria 15.36 335 i P Pn 16 12 49.2 -0.9

LUBAR Lubar, Ukraine 15.94 5 P Pn 16 12 57.7 +1.9

LUBAR Lubar, Ukraine 15.94 5 P Pn 16 12 57.7 +1.9

CTI Castel Tesino 16.07 322 P Pn 16 13 02.0 +0.9

CTI Castel Tesino 16.07 322 P Pn 16 13 02.0 +0.9

ABTA Abtaltersbach 16.14 326 i Pn Pn 16 12 58.9 +0.3

ABTA Abtaltersbach 16.14 326 i Pn Pn 16 12 58.9 +0.3

SHAI Shalitzhatmaz 16.35 49 i Pn Pn 16 13 02.6 +1.2

SHAI Shalitzhatmaz 16.35 49 i Pn Pn 16 13 02.6 +1.2

GNi Garni 16.37 63 LR LR 16 21 02.6

GNi Garni 16.37 63 LR LR 16 21 02.6

AKAS Malin Array Be 16.84 8 Pn Pn 16 13 06.9 -0.5

AKAS Malin Array Be 16.84 8 Pn Pn 16 13 06.9 -0.5

23d 16h

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKASG, AKASG, AKASG, AKBB, AKBB, AKBB, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like VSU, PBRG, PBAR, PBRG, PBRG, etc.

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

23d 16h

CTA	Charters Tower	21.58 262	P	P	16 56 59.8 +0.4
CTAO	Charters Tower	21.58 262	P	P	16 57 00.1 +0.8
WHHI	Waihu	21.73 263	P	P	16 57 01.1 +1.1
KNZ	Kokohu	21.69 162	P	P	16 57 00.5 +0.3
ARHZ	Aropoanui	21.72 163	P	P	16 57 02.0 +1.5
KWHZ	Kaweka Forest	21.72 164	P	P	16 57 02.1 +1.5
MHGZ	Mahia Peninsula	21.88 161	P	P	16 57 02.8 +0.8
TSZ	Takapari Road	22.87 166	P	P	16 57 05.9 +0.7
QRZ	Quartz Range	22.36 173	P	P	16 57 07.6 +1.1
QRZ	Quartz Range	22.36 173	P	P	16 57 09.1 +2.6
MRZ	Mangatainoka R	22.02 167	P	P	16 57 10.0 +0.4
NNZ	Nelson	22.86 172	P	P	16 57 12.4 +1.5
BNZ	Birch Farm	22.87 166	P	P	16 57 11.6 +0.5
BFZ	Birch Farm	22.87 166	P	P	16 57 11.4 +0.3
BFZ	Birch Farm	22.87 166	P	P	16 57 11.3 +0.3
TCW	Tory Channel	22.99 170	P	P	16 57 13.6 +1.4
PMG	Port Moresby	23.11 290	P	P	16 57 14.9 +1.4
TUWZ	Tuamaringa	23.15 171	P	P	16 57 14.9 +1.3
SNZO	South Karori	23.16 169	P	P	16 57 14.8 +1.1
DSZ	Denniston Nort	23.20 175	P	P	16 57 16.2 +2.1
THZ	Tophouse	23.33 173	P	P	16 57 16.4 +1.0
THZ	Tophouse	23.33 173	P	P	16 57 16.5 +1.2
MSWZ	Mokai Station	23.36 167	P	P	16 57 15.1 +0.5
MTSU	Mount Sturges	23.49 263	P	P	16 57 18.1 +1.1
PLWZ	Palliser	23.51 168	P	P	16 57 16.7 -0.2
KHZ	Kahutara	24.06 172	P	P	16 57 23.2 +1.4
KHZ	Kahutara	24.06 172	P	P	16 57 22.3 +0.5
CNB	Canberra Mtagne	24.14 229	P	P	16 57 24.1 +1.2
INZ	Inchbonnie	24.15 176	P	P	16 57 22.8 +0.1
INZ	Inchbonnie	24.15 176	P	P	16 57 23.7 +1.0
QLP	Quilpie	24.24 246	P	P	16 57 24.6 +0.9
LTZ	Lake Taylor	24.27 174	P	P	16 57 24.6 +0.8
LTZ	Lake Taylor	24.27 174	IAmb	IAmb	16 58 06.1
LTZ	Lake Taylor	24.27 174	P	P	16 57 24.8 +0.9
CAN	Canberra	24.37 223	P	P	16 57 25.5 +0.6
WVZ	Waikana Valley	24.45 177	P	P	16 57 27.5 +2.0
GVZ	Greta Valley S	24.54 173	P	P	16 57 26.9 +0.7
CMSA	Cobar Meteorol	24.57 230	P	P	16 57 29.0 +0.9
OXZ	Oxford	24.79 175	P	P	16 57 29.1 +0.6
LBZ	Lake Benmore	25.74 178	P	P	16 57 38.4 +1.3
TMZ	Timaru	25.77 177	P	P	16 57 37.2 -0.1
INKA	Innamiki	27.53 245	P	P	16 57 54.2 +1.0
QIS	Mount Isa	27.81 261	P	P	16 57 56.6 +0.7
TOO	Toolangi	27.98 223	P	P	16 57 55.1 +1.5
STKA	Stephens Creek	28.06 237	P	P	16 57 58.9 +1.0
STKA	Stephens Creek	28.06 237	P	P	16 57 58.9 +1.0
MOO	Moorlands	30.17 213	P	P	16 58 17.3 +0.9
TAU	Tasmania Unive	30.44 213	P	P	16 58 20.0 +1.3
HTT	Hallett	30.73 235	P	P	16 58 22.1 +0.6
WRB	Warramunga Arr	32.63 262	P	P	16 58 37.8 -0.3
WBO	Warramunga Arr	32.74 262	P	P	16 58 38.4 -0.8
WBO	Warramunga Arr	32.74 262	IAmb	IAmb	16 58 39.5
WRAB	Tennant Creek	32.77 262	P	P	16 58 40.1 +0.7
WRA	Warramunga Arr	32.78 262	P	P	16 58 39.1 -0.4
WRA	Warramunga Arr	32.78 262	PcP	PcP	17 01 18.4 -1.1
WRA	Warramunga Arr	32.78 262	S	S	17 03 37.8 -2.7
WRA	Warramunga Arr	32.78 262	ScP	ScP	17 04 42.4 -0.6
WRA	Warramunga Arr	32.78 262	P	P	16 58 37.8 -1.7
AS01	Alice Springs	33.09 255	P	P	16 58 42.6 +0.4
AS31	Alice Springs	33.13 255	P	P	16 58 42.5 +0.2
ASAR	Alice Springs	33.13 255	P	P	16 58 42.4 -0.2
ASAR	Alice Springs	33.13 255	PcP	PcP	17 01 18.0 -2.5
ASAR	Alice Springs	33.13 255	S	S	17 03 44.3 -1.6
ASAR	Alice Springs	33.13 255	ScP	ScP	17 04 44.1 -0.1
ASAR	Alice Springs	33.13 255	P	P	16 58 42.6 +0.1
MTN	Manton Dam	36.91 273	P	P	16 59 14.8 0.0
MTN	Manton Dam	36.91 273	IAmb	IAmb	16 59 32.6
KNRA	Kununurra	38.57 268	P	P	16 59 28.8 +0.1
KNRA	Kununurra	38.57 268	IAmb	IAmb	16 59 57.2
FORT	Forrest	38.98 244	P	P	16 59 32.5 +0.5
FTZ	Fitzroy Crossi	41.15 264	P	P	16 59 50.6 +0.7
MBWA	Marble Bar	46.32 258	P	P	17 00 31.9 +0.8
MBWA	Marble Bar	46.32 258	IAmb	IAmb	17 00 31.6 +0.6
MBWA	Marble Bar	46.32 258	IAmb	IAmb	17 01 07.8
MEEK	Meekeatharra	47.01 251	P	P	17 00 37.1 +0.7
KLBR	Kellerberrin	47.85 267	P	P	17 00 43.1 +1.0
TOL2	Toitoli	51.32 287	P	P	17 01 07.9 +0.6
HMH	Humu'ula Sheep	51.48 44	P	P	17 01 10.6 +0.1
STCH	Steam Cracks	51.57 45	P	P	17 01 10.9 +0.1
UGM	Wanagama	55.75 272	P	P	17 01 55.8 +0.4
CASY	Casey	60.66 203	P	P	17 02 14.6 +0.3
CASY	Casey	60.66 203	IAmb	IAmb	17 02 15.4
MJAR	Matsushiro Arr	62.10 332	P	P	17 02 24.0 -0.4
MJAR	Matsushiro Arr	62.10 332	P	P	17 02 24.5 +0.1
MAJO	Matsushiro	62.10 332	P	P	17 02 24.4 -0.1
MAJO	Matsushiro	62.10 332	IAmb	IAmb	17 02 25.8
JNU	Nakata	64.04 334	P	P	17 02 30.8 0.0
JTM	Tenabayahashi	64.53 327	P	P	17 02 40.6 +0.3
JKA	Kamikawa-asahi	66.93 340	IAmb	IAmb	17 02 57.9
KSR5	Korea Array	67.88 326	P	P	17 03 02.2 +0.7
NJ2	Nanjing	69.63 316	eP	P	17 03 14.3 +1.8
NJ2	Nanjing	69.63 316	P	P	17 03 14.3 +1.8
USRK	Ussuriysk Ar.	71.08 333	P	P	17 03 21.9 +0.9
QSPA	South Pole Qui	71.46 180	P	P	17 03 23.2 -0.1
PET	Petropavlovsk	71.88 353	P	P	17 03 26.5 +1.0
PET	Petropavlovsk	71.88 353	P	P	17 03 25.0 -0.6
PET	Petropavlovsk	71.88 353	IAmb	IAmb	17 03 26.6
PET	Petropavlovsk	71.88 353	P	P	17 03 26.0 +0.5
ATKA	Atka Island	71.98 11	P	P	17 03 26.7 +0.5
PEAO3	Petropavlovsk	72.07 353	P	P	17 03 26.3 0.0
PETK	Petropavlovsk	72.07 353	P	P	17 03 27.1 +0.4
PETK	Petropavlovsk	72.07 353	P	P	17 03 26.9 +0.2
TIA	Tai'an	73.35 318	P	P	17 03 34.9 +0.2
CN2	Changchun	73.82 329	eP	P	17 03 37.6 +0.4
CN2	Changchun	73.82 329	P	P	17 03 37.6 +0.4
BNX	BinXian	74.33 331	P	P	17 03 40.1 0.0
BNX	BinXian	74.33 331	P	P	17 03 40.1 0.0
UNV	Unalaska Galle	75.14 15	P	P	17 03 44.3 -0.2
UNV	Unalaska Valle	75.14 15	P	P	17 03 43.6 -0.9
UNV	Unalaska Valle	75.14 15	P	P	17 03 43.5 -1.0
AKUT	Akutan	75.58 15	P	P	17 03 46.0 -1.0
HNS	HongShan	75.61 318	P	P	17 03 48.9 +1.3
HNS	HongShan	75.61 318	P	P	17 03 48.9 +1.3
XAN	Xi'an	77.55 312	P	P	17 03 59.5 +0.8
XAN	Xi'an	77.55 312	P	P	17 03 59.5 +0.8
KM12	Kunming	77.80 302	P	P	17 04 01.8 +1.4
KM12	Kunming	77.80 302	P	P	17 04 01.8 +1.4
CHNA	Chernabura Isl	77.86 18	P	P	17 04 00.3 +0.6
SDPT	Sand Point	78.06 17	P	P	17 03 59.9 -0.9

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CMAR	Chiang Mai Arr	78.09 294	P	P	17 04 02.0 +0.2
XLT	XilinHaoTe	78.82 324	eP	P	17 04 06.1 +0.7
XLT	XilinHaoTe	78.82 324	P	P	17 04 06.1 +0.7
MAW	Mawson	78.97 202	P	P	17 04 05.3 -0.5
S14K	Fog Glacier	79.13 17	P	P	17 04 06.5 -0.3
PZH	Panzhihua	79.22 303	P	P	17 04 09.8 +1.8
MA2	Maqin	79.30 351	P	P	17 04 06.7 -0.9
CHGN	Chignik	79.47 18	P	P	17 04 08.6 +0.1
HHC	Hu-ho-hao-te	79.62 319	eP	P	17 04 09.1 -0.8
HHC	Hu-ho-hao-te	79.62 319	P	P	17 04 09.1 -0.8
HHC	Hu-ho-hao-te	79.62 319	P	P	17 04 09.1 -0.8
CHIR	Chirikof Islan	79.91 19	P	P	17 04 10.7 -0.2
SII	Sitkinak Islan	80.97 20	P	P	17 04 16.6 +0.1
R17L	Mt. Peulik Vol	81.20 18	P	P	17 04 17.7 0.0
M11K	Mekoryuk	81.20 12	P	P	17 04 17.8 +0.2
O14K	Tiguykaiuivt M	81.28 15	P	P	17 04 18.0 0.0
O15K	Ungalikthiuk R	81.57 16	P	P	17 04 19.2 -0.4
O14K	Kuskokwag Cree	81.77 14	P	P	17 04 20.1 -0.4
OHAK	Old Harbor	81.80 20	P	P	17 04 21.4 +0.6
OHAK	Old Harbor	81.80 20	P	P	17 04 20.8 0.0
M13K	Dall Lake	81.83 13	P	P	17 04 21.1 +0.2
P16K	Nushagak River	81.93 16	P	P	17 04 21.5 +0.1
ACHA	Acha Inlet Creek He	81.98 18	P	P	17 04 21.9 0.0
ACHA	Acha Inlet Creek He	81.98 18	IAmb	IAmb	17 04 23.4
Q16K	King Salmon	81.99 17	P	P	17 04 21.6 -0.2
LZH	Lanzhou	82.17 312	eP	sP	17 04 25.0 +1.5
LZH	Lanzhou	82.17 312	sP	sP	17 05 42.0 +3.9
LZH	Lanzhou	82.17 312	P	P	17 04 23.7 0.0
N15K	Kuskokwag River	82.37 15	P	P	17 04 23.7 0.0
O16K	Kokwok River B	82.38 16	P	P	17 04 23.7 -0.1
M14K	Bethel	82.44 14	P	P	17 04 24.1 0.0
Q18K	Katmai Hardscr	82.44 18	P		

Table with columns: ID, Name, Az, El, Dist, Mode, Status, Time, and other parameters. Rows include stations like K24K, I23K, F20K, etc.

Table with columns: ID, Name, Az, El, Dist, Mode, Status, Time, and other parameters. Rows include stations like PKCU, B22K, D24K, etc.

Table with columns: ID, Name, Az, El, Dist, Mode, Status, Time, and other parameters. Rows include stations like BHOU, UCCU, BCLA, etc.

CRNET 23 16:54:42.1±0.1, 42.36N-78.24E, h30km, mb2.8
NINC 23 16:54:44.0±0.8, 42.43N-78.21E, h0km, mb2.5, mpv3.2
Error ellipse: s-maj=6.1km s-min=2.1km az=171.0

SOME 23 16:54:44.3, 42.40N-78.13E, h5km
ISC 23 16:54:43.3±1.2, 42.34N-78.15E±0.02, h3km±10km,
n52,±195W/92,16C-20D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, El, Dist, Mode, Status, Time, and other parameters. Rows include stations like PRZ, TARG, SATY, etc.

23d 18h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRBS Karabastu, JNKS Jany-Kuch, DJR Jarkent, etc.

IDC 23 17:06:03.8.1.3.15.262N-44.96W, h0km, mb3.6/4, mbmtpp3.7/5, ML3.4/1, MS3.4/1, Error ellipse: s-maj=38.9km s-min=29.7km az=124.0, Northern

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MDP Montagnes des, SJG San Juan, H10N3 ASCENSION HYDR87.92, etc.

OTT 23 17:15:02.51.3.78.866N-116.64W, h18km, ML3.6/3, 285km west from Isachsen, Nu, Queen Elizabeth Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RES Resolute Bay, A36M Sachs Harbour, etc.

IDC 23 17:43:35.5.1.6.32.65N-85.46E, h0km, mb3.4/5, mbmtpp3.4/9, ML3.4/4, MS3.2/8, Error ellipse: s-maj=48.0km s-min=20.9km az=58.0

IDC 23 17:43:40.2.1.2.32.72N-02-85.5E-0.2, h35km, n14, r=139/9, mb3.4/5, MS3.0/7, Xizang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, MKAR Makanchi Array, KURBB Kurchatov Arra, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONMI Sogino Array, BVAR Borovoye Array, TLY Talaya, etc.

CATAC 23 18:09:24.6.0.4.13°N, 83°8'W, h36km, 4km, M3.8/27, MLV3.8/27, Error ellipse: s-maj=6.2km s-min=1.8km

SNET 23 18:09:26.1.3.3.12.96N-88°10'W, h74km, ML3.7, Presumed earthquake

GCG 23 18:09:27.3.0.4.12.82N-88°33'W, h28km, 4km, MD3.9, ML3.9, Presumed earthquake

ISC 23 18:09:24.5.5.6.12.62N-05-88°20'W-0.03, h37km, 6km, n69, r=65/108, 11C-32D, Off coast of central America

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like INTP Intipuca, CSGN Cosiguina Volc, CNCH Conchagua, etc.

1504

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRVT Keravat (ASO76), HNR Horta, PMG Warramunga Arr, etc.

IDC 23 18:32:27.2.1.1.52.25N-170.66W, h0km, mb3.8/13, mbmtpp3.7/15, ML3.1/2, Error ellipse: s-maj=32.3km s-min=16.9km az=178.0

AEIC 23 18:32:32.8.2.9.52.18N-0.10, h10.170.52W-0.09, h41km, 6km, Error ellipse: s-maj=15.1km s-min=6.3km az=161.0

NEIC 23 18:32:34.0.2.5.52.3N-0.1, h170.58W-0.09, h54km, 8km, mb3.8/27, ML3.7/16, ML3.3(AEIC), Error ellipse: s-maj=17.9km s-min=6.2km az=162.0

ISC 23 18:32:33.5.1.3.52.22N-0.170.54W-0.05, h51km, 11km, n19, r=130/113, mb3.9/17, Fox Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OKSP Okmok Steeple, OKCE Okmok Cone E, OKKC Okmok New Cone, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like N17K Nushagak Hills, OHAK Old Harbor, K15K Wolf Creek Mou, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEIC 23 18:51:34.9, R23 18:51:35.6, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h s ISC, Res. Includes stations like YJNG, HATJ, IRIF, JKRS, etc.

2020 MAY MV2 3/20, EASTERN SEA OF JAPAN ISC 23 19:04:11.2, 2.0, 18.55Sx177.89W, h521km, 19km, mb3.1/8, mbtmp4.0/9, Error ellipse: s-maj=27.2km s-min=16.3km az=86.0

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

IDC 23 19:05:03.3, 1.3, 34.11N; 25.72E, h0km, mb3.6/4, mbtmp3.5/8, ML3.7/3, MS3.0/3, Error ellipse: s-maj=25.3km s-min=18.6km az=41.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h s ISC, Res. Includes stations like IDI, MML, BRTR, etc.

IDC 23 19:12:25.2, 2.3, 43.88N; 138.30E, h268km, 27km, mb2.7/4, mbtmp3.3/6, Error ellipse: s-maj=47.3km s-min=18.3km az=104.0

SKHL 23 19:12:26.4, 0.3, 44.10N; 138.20E, h286km, 9km, mb4.2/5, ms4.7/3

JMA 23 19:12:28.0, 0.4, 43.7N; 0.9:13.9E, h267km, 3km, ILSW

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h s ISC, Res. Includes stations like JSK, JOSM, JOMM, etc.

IDC 23 19:27:58.6, 1.2, 61.38N; 151.16W, h0km, mb3.7/1, mbtmp3.4/5, ML3.2/4, MS2.2/1, Error ellipse: s-maj=27.2km s-min=11.0km az=115.0

NEIC 23 19:28:02.8, 0.8, 61.34N; 0.0:150.66W, 0.0:5, h60km, 6km, ML3.1/172, ML2.9(AEIC), Error ellipse: s-maj=4.0km s-min=3.2km az=190.0

AEIC 23 19:28:03.6, 0.8, 61.33N; 0.0:150.65W, 0.0:5, h53km, 7km, Error ellipse: s-maj=3.9km s-min=3.5km az=183.0

ISC 23 19:28:03.0, 0.9, 61.31N; 0.0:150.64W, 0.0:3, h61km, 8km, n130, o0990/146, Southern Alaska

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h s ISC, Res. Includes stations like RC01, M22K, STLK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h s ISC, Res. Includes stations like ILSW, N19K, P23K, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like CAHL, KIAG, M16K, O16K, etc.

IDC 23 19:32:48.2.3.4, 42.77N, 44.89E, h0km, mb3.3/4, m1bpm3.9/6, ML3.4/2, MS3.2/1, Error ellipse: s-maj=74.9km s-min=13.1km az=15.0

TIF 23 19:32:53.0, 43.40N, 44.96E, h13km, 1km DRS 23 19:32:53.5, 43.30N, 44.85E, h30km

MOS 23 19:32:53.9, 43.30N, 44.92E, h11km, MPVA4.4 NORS 23 19:32:53.9, 43.30N, 44.94E, h13km, MPVA.4

ISC 23 19:32:54.6.0.9, 43.30N, 0.02-44.93E, 0.01, h15km, 7km, n111, 0.134/186, mb3.2/4, 7C-1D, Western Caucasus

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

Table with columns: BTLR, KBTC, DLMR, DBC, UNCR, HNZR, etc. Lists stations like Kuba-Taba, Dylim, Dubki, etc.

NOU 23 20:00:14.1, 22.28S, 170.69E, h0km, MLV4.2/12, Southeast of Loyalty Islands

ISC 23 20:00:12.8.1.4, 22.4S, 0.3x171.1E, 0.1, h42km, n26, 0.087/16, mb3.8/5, MS3.5/7, Southeast of Loyalty Islands

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

RSNC 23 20:08:01.7, 0.7, 1 S, 2 S, 8 OW, h29km, 7km, M3.6, mB5.0, mB4.1, ML3.0, MLV3.9, MW(m)4.3

IGC 23 20:08:03.2.0.2, 1 S, 2 S, 8 OW, h51km, 5km, M3.9/24, PORT 23 20:08:03.4, ML4.1/6, MLV3.8/24, mB3.8/1

ISC 23 20:08:02.2.1.3, 0.95S, 0.04-79.84W, 0.04, h76km, 9km, n105, 0.1910/119, 38D, Ecuador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PECV, AQUE, ABH2, etc.

23d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like CHL1, ECEN, BOS, etc.

GUC 23 20:38:37.6-0.5, 24:17:56:97W, h199km, 27km, ML3.7, 6C-1D, Salta Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like SLA, AF01, YJA, etc.

IDC 23 20:58:30.1+4.9, 6:02S, 151.02E, h43km, 43km, mb3.9/12, mbmp4.1/13, ML1.9/1, MS3.3/17, Error ellipse: s-maj=38.2km, s-min=19.2km, az=94.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like I40PG, PMG, HNR, etc.

DZM Mont Dzumac 21.80 139 LR P 21 09 33.7

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

2020 MAY

Table with columns: NRK, BBB, DLBC, PFO, YKA, GERES, TORO. Includes station names and coordinates.

NEIC 23 21:02:54.2+1.4, 21.19S, 0.1x178.93W, 0.06, h537km, 9km, mb4.4/15, Error ellipse: s-maj=21.9km, s-min=6.0km, az=163.0

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

CTAO Charters Tower 32.55 266 P P 21 08 40.6 -0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like STKA, AS31, ASAR, etc.

WRA Warramunga Arr 43.61 264 P P 21 10 09.7 -0.8

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

SOEI Marble Bar 56.77 258 P P 21 11 45.4 -1.2

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

QSPA South Pole Qui 68.31 180 P P 21 13 02.0 +1.5

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

KRSC 23 21:26:23.2+1.7, 49.44N, 158.56E, h50km, 44km, MI3.6, East of Kuril Islands

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

IDC 23 21:38:54.1+2.2, 10.33S, 161.51E, h93km, 16km, mb3.6/8, mbmp3.9/10, Error ellipse: s-maj=23.4km, s-min=16.6km, az=77.0

NEIC 23 21:38:54.3+1.0, 10.33S, 161.51E, 0.1, h92km, 9km, mb4.1/9, Error ellipse: s-maj=19.8km, s-min=5.8km, az=54.0

IDC 23 21:38:54.4+0.7, 10.35S, 161.52E, 0.09, h100km, n30, 0.949/23, mb3.9/11, Bougainville-Solomon Islands region

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

1508

Table with columns: KOUNC, DZM, CTA, EIDS, WBO, WRA, WRA. Includes station names and coordinates.

H11S2 WAKE ISLAND HY 29.11 10 T T 22 15 29.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like H11S2, H11S3, H11S1, etc.

FITZ Fitzroy Crossi 35.57 253 P P 21 04 25.2 +1.5

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

QSPA South Pole Qui 79.65 180 P P 21 50 58.0 +1.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h, m, s, ISC. Includes stations like QSPA, M19K, L19K, etc.

OSPL 23 21:47:32.5+1.7, 18.83N, 0.06x64.66W, 0.02, h10km, 2km, ML3.8/5.1, MD3.9/17(RSPR), Error ellipse: s-maj=10.9km, s-min=3.3km, az=0.0

OSPL 23 21:47:37.1+2.0, 18.75N, 64.64W, h31km, 215km, ML4.1, Presumed earthquake

RSPR 23 21:47:34.0+1.8, 18.83N, 0.09x64.67W, 0.03, h27km, 15km, n69, c114/98, 2C-8D, Virgin Islands

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

HUMP Col San Antoni 1.51 239 I/P Pn 21 47 56.8 +0.2

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

EMPR Esperanza - Ma 1.80 259 I/P Pn 21 48 04.4 +1.1

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

CELP Cerrillos 1.96 248 I/P Pn 21 48 06.3 +0.8

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like AGPR, AGPR, comp=E,358nm,0.4s, and others.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like URZ, URZ, 752nm,0.5s,baz=274,slow=3.1,SNR=552, and others.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MSWZ, MSWZ, Moikau Station, and others.

TRN 23:21:50:20.5,16:22N-60:75W, h25km, MD3.5, East of Guadaloupe., Leeward Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MAGL, MAGL, Barre de l'ile, and others.

TRN 23:21:51:29.6,5.8,36:92N:69:33E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=47 km s-min=38.0km az=166.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MBZA, MBZA, Motutapu North, and others.

TRN 23:21:51:29.3,6.36,6N:02:69:3E:0.1, h48km, n9, r1504/12, 3C-1D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KK31, KK31, Karatay Array, and others.

IDC 23:22:39:59.3,3.0,37:00Sx176:91E, h200km,9km,mb3.9/6, mbtmp4.5/6, Error ellipse: s-maj=70.5km s-min=16.5km az=48.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like NOU, NOU, 23:22:40:02.7,37:70S:176:35E, h208km, MLV4.5/33, North Island, New Zealand, and others.

NEIC 23:22:40:02.6,1.6,37:75S:0:08:176:46E:0:07, h218km,6km, mb4.3/20, Error ellipse: s-maj=11.2km s-min=8.2km az=184.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WEL, WEL, 23:22:40:03.6,0.5,38:3Sx17:6E:1, h204km,4km, M3.9/85, ML3.0/7, MLV3.9/85, Error ellipse: s-maj=4.6km s-min=3.6km az=51.8

IDC 23:22:40:03.3,0.6,37:69S:0:04:176:40E:0:04, h219km,5km, n260,r1544/288,mb4.4/17, 2C-2D, North Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TGRZ, TGRZ, Tauranga, and others.

IDC 23:22:44:57.8,1.9,49:48N:158:35E, h433km,50km, MI3.8, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SKR, SKR, Severo-Kuril's, and others.

IDC 23:22:44:57.8,1.9,49:48N:158:35E, h433km,50km, MI3.8, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SKR, SKR, Severo-Kuril's, and others.

IDC 23:22:44:57.8,1.9,49:48N:158:35E, h433km,50km, MI3.8, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SKR, SKR, Severo-Kuril's, and others.

23d 22h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include RUS Russkaya, ASA Asacha, MTRV Mutnovka, etc.

BJI 22:25:00.08, 34.08N;25.35E, h13km, mB5.5/43, mb5.3/75, Ms5.2/45, Ms7.4/9/37

THE 23:22:50.02, 34.1N;11.2E, h0km, 18km, M5.0/14, Mh5.0/14

IDC 23:22:50.09, 7.0, 4, 34.23N;25.55E, h0km, mb5.2/30, mtimp5.1/44, ML4.5/13, MS4.8/37, Error ellipse:

s-maj=10.6km s-min=9.7km az=14.9

ISK 23:22:50.10, 3.3, 22.2N;25.53E, h5km, ML5.0/9

GII 23:22:50.10, 7.0, 0.0, 34.37N;0.001;25.871E;0.001, h0km, Mws5.0, confirmed

MOS 23:22:50.10, 5.1, 1.1, 34.21N;25.47E, h17km, mB5.5/91, MS4.8/24, Error ellipse: s-maj=4.0km s-min=2.5km az=88.0

ATH 23:22:50.12, 9.3, 12N;25.67E, h29km, 10km, ML5.0/32, Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

GCMT 23:22:50.12, 8.0, 1.1, 34.19N;0.01;25.52E;0.01, h16km, MW5.3/137, Moment Tensor Solution, s74, c115;

s137, c252. Duration: 19.1 Moment tensor: Scale 1017

plane solution: NP1=94.00000; 849.00000; 0.266; 0.1; M=0.35; 0.4; M=0.60; 0.1; M=0.01; 0.4; Best double couple: M=0.10400; 1017 NP1=319.00000; 842.00000;

130.00000. NP2=91.00000; 859.00000; 1.60.00000. Principal axes: T 0.7930, Plg63.0000, Azm311.0000; P 0.4420, Plg25.0000, Azm107.0000; N -1.2350, Plg10.0000, Azm202.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

GFZ 23:22:50.12, 5.3, 24.25N;25.54E, h13km, MW5.2, Moment Tensor Solution, s125 Moment tensor: M=4.50;

M=5.99; M=1.49; M=0.47; M=0.07; M=0.40; Fault plane solution: NP1=94.00000; 849.00000; 0.266; 0.1; M=0.35; 0.4; M=0.60; 0.1; M=0.01; 0.4; Best double couple: M=0.10400; 1017 NP1=319.00000; 842.00000;

130.00000. NP2=91.00000; 859.00000; 1.60.00000. Principal axes: T 0.7930, Plg63.0000, Azm311.0000; P 0.4420, Plg25.0000, Azm107.0000; N -1.2350, Plg10.0000, Azm202.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 23:22:50.12, 6.1, 1.4, 34.30N;0.06;25.51E;0.06, h14km, 3km, mb5.4/195, Mws5.3/21 Error ellipse: s-maj=9.0km s-min=7.2km az=209.0

NEIC 23:22:50.13, 1.3, 34.29N;25.50E, h18km

NEIC 23:22:50.13, 6, 34.19N;25.50E, h20km, Moment Tensor Solution Duration: 25.2 Moment tensor: Scale 1017Nm; M=0.63; M=0.98; M=0.23; M=0.13; M=0.04; M=0.47; M=0.41;

Fault plane solution: M=1.00000; 1017 NP1=94.00000; 849.00000; 0.266; 0.1; M=0.35; 0.4; M=0.60; 0.1; M=0.01; 0.4; Best double couple: M=0.10400; 1017 NP1=319.00000; 842.00000;

130.00000. NP2=91.00000; 859.00000; 1.60.00000. Principal axes: T 0.7930, Plg63.0000, Azm311.0000; P 0.4420, Plg25.0000, Azm107.0000; N -1.2350, Plg10.0000, Azm202.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

PDG 23:22:50.16, 0.0, 1.1, 34.65N;25.06E, h13km, 5km, MD5.3/4, ML5.2/12 Error ellipse: s-maj=14.5km s-min=13.6km az=90.0

NAO 23:22:50.23, 0.35;08N;24.47E, h33km, MB4.1

ISC 23:22:50.11, 7.0, 4, 34.21N;0.02;25.55E;0.02, h12km, 2km, h12km; mP-P n1582, e163/1778, mb5.3/263, MS4.8/59, 106C-102D, Crete

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include NPS Neapolis, ZKR Zakros, SITA Siteia, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include ARG Arkhangelos, ARG Arkhangelos, ARG Arkhangelos, etc.

2020 MAY

Main table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include ARG Arkhangelos, ARG Arkhangelos, ARG Arkhangelos, etc.

1510

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include BRTR baz=221,slow=22, BRTR comp=Z,8um,19.2s, baz=230,slow=46, etc.

23d 22h

Table of flight data for 23d 22h, including columns for flight number, destination, status, and time. Includes entries like SACV Santiago Islan, WMQ Urumqi, and various other routes.

2020 MAY

Table of flight data for 2020 MAY, including columns for flight number, destination, status, and time. Includes entries like LBTB Lobatse, VOI Vohitsoka, and various other routes.

1514

Table of flight data for 1514, including columns for flight number, destination, status, and time. Includes entries like YAK, GRHM, HIA, and various other routes.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAPAN, MORI, OMEN, LCRUZ, CARN, etc.

IDC 23 22:59:05.71.2.24.21S:179.89E, h511km, 12km, mb3.7/18, mbtmp4.6/21, Error ellipse: s-maj=14.7km s-min=10.4km az=81.0

NEIC 23 22:59:06.01.2.24.29S:0.10:179.9E:0.1, h511km, 7km, mb4.4/30, Error ellipse: s-maj=15.8km s-min=14.2km az=80.0

ISC 23 22:59:06.10.4.24.30S:0.05:179.81E:0.06, h517km, n119, s158/147, mb4.3/35, South of Fiji Islands

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAO, GLKZ, MSFV, etc.

Main station list table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR, WBO, WRA, WRS, etc.

Main station list table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SDLR, KRER, KRX, GNL, MKZ, etc.

Main station list table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEIC, BJI, MOS, IDC, etc.

23Z 23h

Table with columns: FURI, Furi, Time, Location, Status, and other details. Includes entries like FURI 36.42 309, RPSI Rantau Prapat, PSI Prapat, etc.

2020 MAY

Table with columns: GRHM, HATD, ASUD, UOSS, LEM, etc. Includes entries like GRHM Grahamstown, HATD Hatta, ASUD Al Ashush, etc.

1518

Table with columns: KSM, CHTO, CHTO, etc. Includes entries like KSM Kuching, CHTO Chiang Mai, CHTO Chiang Mai, etc.

Table with columns: MMSI, Name, Frequency, Bandwidth, Mode, Direction, Date, Time, and other parameters. Includes stations like Mamuju, Kappang, Chuyangaron, Kota Kinabalu, etc.

Table with columns: KBK, Name, Frequency, Bandwidth, Mode, Direction, Date, Time, and other parameters. Includes stations like Karagaybulak, Karatay Array, Karatay Array, etc.

Table with columns: LZH, Name, Frequency, Bandwidth, Mode, Direction, Date, Time, and other parameters. Includes stations like Naichik, Kirsehir-Merke, Tnti, etc.

23d 23h

Table with columns for station code, name, frequency, power, polarization, and coordinates. Includes stations like WBO, WRR, ERBR, BRZS, etc.

2020 MAY

Table with columns for station code, name, frequency, power, polarization, and coordinates. Includes stations like HNS, BELG, NES6, CFR, etc.

1520

Table with columns for station code, name, frequency, power, polarization, and coordinates. Includes stations like ARTI, ARTI, ARTI, ARTI, etc.

TLY	comp=Z,28nm,1.5s		pmax	pmax					
TLY	Talaya	73.69	23	P	P	23 14 02.5	+1.7		
MIBZ	Mi28,Pidlybu	73.86	336	P	P	23 14 02.5	+1.7		
XLT	XiLinHaoTe	73.86	35	eP	P	23 14 02.5	+0.4		
XLT				S	S	23 23 33.8	0.0		
XLT	comp=Z,12nm,2.3s				pmax	pmax			
XLT	comp=Z,260nm,5.5s				pmax	pmax			
XLT	comp=Z,77nm,18.8s			LR	LR				
XLT	comp=Z,480nm,14.8s			LR	LR				
KEST	Kesra	73.94	315	P	P	23 14 04.1	+1.4		
KEST	comp=Z,3.6nm,0.8s,baz=177,slow=1.1,SNR=9.4			LR	LR	23 46	19.8		
KEST	Kesra	73.94	315	P	IAMB	23 14 03.1	+0.4		
KEST	comp=Z,94nm,2.0s				P	23 14 05.0	+2.3		
JAY	Jayapura	73.97	88	LR	LR	23 44	43.7		
DBIC	Dimbokro	74.01	282	P	P	23 14 04.5	+0.9		
DBIC	comp=Z,881nm,20.3s,baz=122,slow=35			LR	LR	23 45	27.5		
DBIC	Dimbokro	74.01	282	P	IAMB	23 14 03.4	-0.1		
DBIC	Dimbokro	74.01	282	P	pmax	23 14 03.4	-0.1		
MTSU	Mount Surprise	74.03	105	P	P	23 14 03.8	+0.2		
DL2	Dalian	74.16	42	P	S	23 14 02.0	-1.8		
DL2	comp=Z,28nm,1.5s				pmax	pmax			
DL2	comp=Z,310nm,5.2s			LR	LR				
DL2	comp=Z,850nm,23.2s			LR	LR				
DL2	comp=Z,1µm,21.2s			LR	LR				
OBN	Obninsk	74.23	343	P	IAMB	23 14 03.5	-0.3		
OBN	comp=Z,56nm,1.3s					23 14 03.7	-0.1		
OBN	Obninsk	74.23	343	d/P	P	23 14 03.7	-0.1		
OBN				i-PP	PP	23 14 05.4	-1.1		
OBN				i-SP	ppwP	23 14 11.0	+0.9		
OBN				e		23 14 17.0			
OBN				S	S	23 23 42.6	+5.4		
OBN	comp=Z,67nm,1.9s				pmax				
OBN	comp=Z,599nm,20.0s			MLR	MLR				
IRK	Irkutsk	74.37	23	eP	P	23 14 02.5	-2.3		
IRK	comp=Z,95nm,2.9s				pmax				
BLY	Banja Luka	74.41	326	↑P	P	23 14 06.9	+1.7		
BLY	Banja Luka	74.41	326	P	IAMB	23 14 05.3	+0.1		
BLY	comp=Z,88nm,1.8s					23 14 08.9			
BLY	Banja Luka	74.41	326	eP	P	23 14 05.7	+0.5		
MOS	Moscow	74.48	343	eP	P	23 14 06.5	+1.2		
MOS				e		23 16 55.0			
MOS	comp=Z,300nm,2.2s				pmax	pmax			
MOS	comp=Z,75nm,1.5s				pmax	pmax			
MOS	comp=Z,500nm,19.0s			MLR	MLR				
KIRV	Kirov	74.56	351	LR	LR	23 47	02.1		
KIRV	comp=Z,763nm,20.0s,baz=151,slow=36								
KIRV	MORH Mray, Hungar	74.60	328	eP	P	23 14 05.4	-0.3		
RNPP5	Staryi Chortor	74.81	335	P	P	23 14 07.1	-0.2		
RNPP8	Varash	74.90	335	P	P	23 14 07.7	-0.1		
AQU	L'Aquila	75.07	322	P	IAMB	23 14 08.8	-0.4		
AQU	comp=Z,73nm,1.4s					23 14 18.3			
AQU	L'Aquila	75.07	322	P	pmax	23 14 08.8	-0.4		
AQU	comp=Z,73nm,1.4s								
PSZ	Piszkesteto	75.12	330	eP	P	23 14 09.1	-0.2		
PSZ	Piszkesteto	75.12	330	P	P	23 14 09.1	-0.2		
PSZ	comp=Z,49nm,1.8s				pmax	pmax			
PSZ	comp=Z,300nm,19.0s			MLR	MLR				
QSPA	South Pole Qui	75.19	180	P	P	23 14 09.6	0.0		
QSPA	comp=Z,19nm,1.1s,baz=278,slow=1.0,SNR=33			LR	LR	23 42	39.1		
QSPA	comp=Z,852nm,20.0s,baz=265,slow=32								
QSPA	South Pole Qui	75.19	180	P	IAMB	23 14 09.2	-0.4		
QSPA	comp=Z,88nm,1.2s					23 14 19.5			
QSPA	South Pole Qui	75.19	180	IAMS_20	IAMS_20	23 41	10.6		
KECS	Kecovo	75.22	330	eP	P	23 14 09.0	-0.8		
KECS	Kecovo	75.22	330	eP	P	23 14 09.0	-0.8		
CTA	Charters Tower	75.47	107	P	P	23 14 10.4	-1.5		
CTA	comp=Z,21nm,1.5s								
CTA	Charters Tower	75.47	107	LR	LR	23 43	55.2		
CTA	comp=Z,2µm,21.8s,baz=246,slow=33								
CTA	Charters Tower	75.47	107	P	IAMB	23 14 10.8	-1.1		
CTA	comp=Z,65nm,1.2s					23 14 18.8			
CTA	Charters Tower	75.47	107	P	pmax	23 14 10.8	-1.1		
BEHE	Becsehely	75.74	327	P	P	23 14 13.4	+0.6		
BEHE	Becsehely	75.74	327	eP	P	23 14 13.8	+1.0		
SRO	Srobarova	75.83	329	eP	P	23 14 15.3	+2.0		
SRO	Srobarova	75.83	329	eP	P	23 14 15.3	+2.0		
BOJS	Bojanci	76.00	325	i/P	P	23 14 14.8	+0.8		
KOGS	Kog	76.03	329	eP	P	23 14 14.6	+0.3		
VYHS	Vyhne	76.03	329	eP	P	23 14 19.2	+4.8		
VYHS	Vyhne	76.03	329	eP	P	23 14 19.2	+4.8		
LANS	Liptovska Anna	76.17	330	eP	P	23 14 16.5	+1.2		
LANS	Liptovska Anna	76.17	330	eP	P	23 14 16.5	+1.2		
HJU	Haju	76.38	44	Amb	P	23 14 11.1	-5.6		
MNK	Minsk	76.56	338	i/P	P	23 14 17.1	-0.2		
MNK	comp=Z,21nm,1.4s								
MNK	comp=Z,15nm,0.9s,baz=142								
MNK				iPP	PPP	23 17 09.3	-0.4		
MNK				iPPP	PPP	23 18 56.9			
MNK				iS	SS	23 24 03.7	+0.6		
MNK				iSS	SSS	23 28 59.5	+0.8		
MNK				iSSS	SSS	23 32 20.1			
MNK				iSSS	SSS	23 32 20.1			
MNK	comp=Z,280nm,21.1s			iLRM	MLR	23 50	22.0		
MNK	comp=Z,230nm,21.8s			iLRM	MLR	23 50	25.8		
MNK	comp=Z,378nm,20.0s								
MNK	Minsk	76.56	338	i/P	P	23 14 17.1	-0.2		
MNK				i	P	23 17 09.2			
MNK				iPPP	PPP	23 18 56.9			
MNK				iSS	SS	23 24 03.7	+0.6		
MNK				iSSS	SSS	23 28 59.5	+0.8		
MNK				iSSS	SSS	23 32 20.0			
MNK	comp=Z,15nm,0.9s				pmax	pmax			

MNK	comp=Z,21nm,1.4s			pmax	pmax				
MNK	MLR	MLR							
MNK	comp=Z,280nm,21.0s								
MNK	comp=N,230nm,22.0s			MLR	MLR				
MNK				MLR	MLR				
SUJ	comp=E,378nm,20.0s								
SUJ	Sinuiju	76.66	42	P	P	23 14 11.9	-6.3		
SUJ	comp=Z,701nm,3.2s			Amb					
VNDA	Vanda	76.70	167	P	P	23 14 17.4	-0.4		
VNDA	comp=Z,3.5nm,1.1s,baz=267,slow=8.1,SNR=9.6								
VNDA	Vanda	76.70	167	P	IAMB	23 14 17.9	0.0		
VNDA	comp=Z,60nm,1.6s					23 14 25.7			
VNDA	Vanda	76.70	167	P	pmax	23 14 17.9	0.0		
VNDA	comp=Z,60nm,1.7s								
INCN	Inchon	76.71	45	IAMS_20	IAMS_20	23 45	40.5		
MODS	Modra-Piesok	76.72	329	eP	P	23 14 18.8	+0.4		
MODS	Modra-Piesok	76.72	329	eP	P	23 14 18.8	+0.4		
MODS				e		23 32	45.8		
SMOL	Smolenice	76.74	329	eP	P	23 14 19.1	+0.6		
OJC	Ojcow	76.75	331	P	P	23 14 17.6	-0.9		
OJC	Ojcow	76.75	331	P	P	23 14 17.6	-0.9		
RONA	Rosalia Austr	76.79	328	eP	P	23 14 19.5	+0.7		
RONA	comp=Z,27nm,1.5s,SNR=7.5								
SOKA	Soboth	76.80	326	i/P	P	23 14 19.4	+0.5		
SOKA	comp=Z,15nm,1.0s								
JAVC	Velka Javorina	76.85	329	eP	P	23 14 20.3	+1.2		
JAVC	Arzberg	76.90	327	eP	P	23 14 19.2	-0.2		
ARSA	Arzberg	76.90	327	eP	P	23 14 20.4	+1.0		
ARSA	comp=Z,41nm,1.9s,SNR=13								
PYAG	Pyongyang	76.93	43	P	S	23 14 10.4	-5.7		
PYAG				S	S	23 24 00.8	-7.0		
PYAG				Amb					
OBKA	Obir	76.95	326	i/P	P	23 14 19.6	-0.2		
OBKA	comp=Z,39nm,1.5s								
SNY	Shenyang	77.03	40	↑P	S	23 14 19.3	-0.9		
SNY				S	S	23 24 10.4	+1.6		
SNY	comp=Z,7.0nm,0.6s				pmax	pmax			
SNY	comp=Z,860nm,20.6s			LR	LR				
SNY	comp=Z,580nm,20.8s			LR	LR				
MAUC	Maruska	77.11	330	eP	P	23 14 21.4	+0.8		
CONA	Conrad Observa	77.16	328	i/P	P	23 14 21.5	+0.5		
CONA	comp=Z,53nm,1.7s,SNR=12								
WINA	Alland / Wiene	77.16	328	eP	P	23 14 22.6	+1.8		
WINA	comp=Z,259nm,1.7s,SNR=7.9								
MORC	Moravsky Berou	77.52	330	↑P	P	23 14 24.3	+1.4		
MORC	Moravsky Berou	77.52	330	↑P	P	23 14 24.3	+1.4		
MORC	Moravsky Berou	77.52	330	IAMB	IAMB	23 14 26.6			
MORC	comp=Z,111nm,2.0s								
MORC	Moravsky Berou	77.52	330	P	pmax	23 14 22.3	-0.6		
MORC	comp=Z,111nm,2.0s								
MORC	Moravsky Berou	77.52	330	eP	P	23 14 22.9	0.0		
MYKA	Terra Mystica	77.52	326	i/P	P	23 14 23.5	+0.5		
MYKA	comp=Z,68nm,1.6s								
R9F13	Warsaw-Wawer	77.55	333	eP	PP	23 14 25.5	+2.7		
R9F13				ePP	PP	23 17 18.2	+0.2		
R9F13				eSS	SS	23 24 07.7	-6.2		
R9F13				eSS	SS	23 29 13.8	+0.1		
KRAR	Wonju Array Be	77.55	46	P	P	23 14 22.2	-1.0		
KRAR	Wonju Array Be	77.55	46	P	P	23 14 22.2	-1.0		
KSRS	Korea Array	77.58	46	P	P	23 14 23.7	+0.3		
KSRS	comp=Z,4.2nm,0.9s,baz=241,slow=5.8,SNR=8.7					23 50	07.1		
KSRS	comp=Z,890nm,18.1s,baz=255,slow=37								
KSRS	comp=Z,4.2nm,0.9s								
KRUC	Moravsky	77.62	329	eP	P	23 14 23.2	-0.2		
JNU	Nakatsue	77.66	51	LR	LR	23 49	32.7		

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TA02 Huaiquique, PB08 IPOC Station P, TA01 Diego Aracena, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VVDA Vanda, GSPA South Pole Qui, QSPA South Pole Qui, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MET6 Megalochori, MET4 Agioi Theodor, MET5 Makryvoggos, etc.

23d 23h

Table with columns: Code, Station Name, Az, Time, Res, ISC. Lists various stations like KBZ, ZVC, RNP22, etc.

BER 23:23:35:11.9.2.8, 7171N-21.10W, h10km, Mw4.0, Confirmed Earthquake, Jan Mayen Island region

Table with columns: Code, Station Name, Az, Time, Res, ISC. Lists stations like DBG, DIB, Lofoten, etc.

BGR 23:23:45:01.8, 15.785S-67.48E, h33km, mb4.9

IDC 23:23:45:03.9.0.5, 14.91S:66.82E, h0km, mb4.2/29, mbtmp4.2/30, ML3.5/1, MS4.0/39, Error ellipse: s-maj=16.3km s-min=13.7km az=58.0

NEIC 23:23:45:05.6.1.0, 14.9S:0.1x66.7E:0.1, h10km, 1km, mb4.9/33, Error ellipse: s-maj=18.5km s-min=17.5km az=152.0

GCMT 23:23:45:06.0.3.15, 13S:01.03:66.78E:0.03, h14km, 1km, MW4.9/85, Moment Tensor Solution, s16:c19; s85:c109; Duration: 0 Moment tensor: Scale 10^19Nm; Mr-2.11±.18; Mw0.02±.11; Mw±.1.11±.11; Mw±.1.60±.29; Mw±.0.82±.07; Mw0.02±.24; Best double couple: Mo2.51200±0.16 P; NP1±0.331,00000±.632,00000±.57,00000±. NP2: ±0.113,00000±.64,00000±.1-109,00000±. Principal axes: T 2.2130, Plg17.0000±, Azm122.0000±, N 0.5940, Plg17.0000±, Azm122.0000±, P -2.8120, Plg66.0000±, Azm349.0000±; nst1a refers to body waves, cutoff=40s. nst2a refers to surface waves, cutoff=50s. Triangular moment-rate function.

ISC 23:23:45:06.0.0.7, 14.885S:0108.66:65E:0.07, h14km, 3km, h13km; p-P, n294, a1932/268, mb4.8/119, MS4.1/40, 19C-11D, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Time, Res, ISC. Lists stations like H08S1, H08S2, H08S3, etc.

2020 MAY

Main table with columns: Station Name, Az, Time, Res, ISC. Lists stations like LSZ, KSI, BKNI, MBAR, etc.

1524

Table with columns: Station Name, Az, Time, Res, ISC. Lists stations like BR131, BR13, BRTR, etc.

24d Oh

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for DBIC, DBOR, YKA, MKAR, HHC, PZH.

ISK 24 00:03:50.5, 38.78N, 27.74E, h10km, ML2.6/24
THE 24 00:03:51.9, 39.1N, 27.8E, h10km, 16km, M2.3/7, ML2.3/7

AFAD 24 00:03:51.0, 38.77N, 27.75E, h7km, 2km, ML2.3
MCSM 24 00:03:52.8, 6.39 N, 4.2 E, h28km, 4km, mb3.9, ML2.9

ISC 24 00:03:50.9, 8.3879N, 0.027275E, 0.02, h10km, 6km, n62, c06784, Turkey

Main table of station data for the 24d Oh event, listing station names, coordinates, and seismic parameters.

IDC 24 00:27:55.1+0.6, 14.94S, 66.74E, h0km, mb4.0/19, mbtmp4.0/19, MS4.2/54, Error ellipse: s-maj=22.4km, s-min=16.3km az=62.0

NEIC 24 00:27:56.4+1.6, 15.06S, 0.09, 66.64E, 0.08, h10km, 1km, mb4.7/57, Error ellipse: s-maj=18.6km s-min=9.2km az=217.0

GCMT 24 00:27:54.0, 2.1491S, 0.026672E, 0.12, h12km, MW5.0/107, Moment Tensor Solution, s44, C49; s107, c173; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=3.52+0.07; Mw=1.56+0.08; Mo=1.96+0.07; Mo0.41+0.26; Mw=1.63+0.06; Mw=1.22+0.29; Best double couple:

2020 MAY

M3.67600x10^16 Np1, phi=304.00000, delta2.00000, 1-113.00000, NP2, phi=154.00000, delta2.00000, 1-71.00000. Principal axes: T 3.4640, P 6.0000, Azm230.0000, N 0.4230, Plg15.0000, Azm322.0000; P -3.8880, Plg74.0000, Azm121.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BGR 24 00:28:02.1, 14.36S, 66.76E, h33km, mb4.8, ISC 24 00:27:57.9, 0.4, 15.00S, 0.09, 66.69E, 0.08, h19km, n185, c1949/129, mb4.770, MS4.356, 1C-2D, Mid-Indian Ridge

Main table of station data for the 2020 MAY event, listing station names, coordinates, and seismic parameters.

1526

Main table of station data for the 1526 event, listing station names, coordinates, and seismic parameters.

Table of seismic events with columns for Code, Station Name, Delta Azimuth, Phase ID, Time, Residual, and ISC. Includes events like BIOA Bad Ischl, Aus, ABTA Abfallersbach, PMG Port Moresby, etc.

JMA 24 00:50:10.8-0.2, 331.0N-0.5-14.1E, h48km, MV3.5/26, E OFF HACHIOJIMA ISLAND
IDC 24 00:50:14.3-2.5, 32.80N-140.59E, h63km, m17km, mb3.3/4, mbmp3.6/5, Error ellipse: s-maj=46.6km s-min=15.3km az=77.0
ISC 24 00:50:11.4-2.1, 32.94N-107.141E, h45km, 19km, n26, c1506/27, mb3.7/4, Southeast of Honshu

Table of seismic events with columns for Code, Station Name, Delta Azimuth, Phase ID, Time, Residual, and ISC. Includes events like MSVF Nonsavu, DZM Mont Dzumac, URZ Urewera, etc.

CNRM 24 01:09:41.1, 35.58N-3.57W, h29km, ML2.5
MDD 24 01:09:43.0, 5.35-43N-3.57W, h17km, 5km, mb, Lg2.6/23, Error ellipse: s-maj=4.9km s-min=3.0km az=164.0
SFS 24 01:09:44.1, 35.47N-3.56W, h24km, ML3.0/10, ML2.6/13, MLV2.4/13
INMG 24 01:09:44.3, 1.5, 35.43N-3.57W, h23km, 7km, ML2.1, Error ellipse: s-maj=3.9km s-min=3.7km az=139.0, #DIST_RANGE: REGIONAL #IPMA_REGION: NE AI Hoceima (MARR)
ISC 24 01:09:42.8-1.0, 35.47N-0.02-3.57W-0.02, h24km, 11km, n54, c1930/103, Strait of Gibraltar

Table of seismic events with columns for Code, Station Name, Delta Azimuth, Phase ID, Time, Residual, and ISC. Includes events like PVAQ Barrancos, PMG Port Moresby, WRA Warramunga Arr, etc.

IDC 24 01:32:03.4-3.8, 7.49S-147.87E, h76km, 31km, mb3.4/5, mbmp3.7/7, Error ellipse: s-maj=52.5km s-min=28.2km az=101.0
ISC 24 01:31:58.9-1.2, 7.3S-0.1-147.9E-0.3, h35km, n8, c1934/9, mb3.7/5, Eastern New Guinea region
Code Station Name Delta Azimuth Phase ID Time Residual ISC
PMG Port Moresby 2.23 199 P Pn 01 32 34.7 +1.3
PMG 157nm, 0.5s, baz=15, slow=12, SNR=56
WRA Warramunga Arr 18.19 225 P Pn 01 36 08.0 -1.8
ASAR Alice Springs 21.11 218 P Pn 01 36 39.5 -1.2
Code Station Name Delta Azimuth Phase ID Time Residual ISC
STKA Stephens Creek 2.15 196 LR 01 05 50.8
MKAR Makanchi Array 79.03 320 P P 01 44 00.3 +0.8
GSPA South Pole Qui 82.70 180 P P 01 44 17.5 -1.3
ILAR Eielson Array 86.31 23 P P 01 44 37.8 +0.9
TORD Torri Ar. Bea 146.23 383 PKPbc PKPbc 01 51 36.5 -0.3
NEIC 24 01:33:42.2-1.0, 17.74N-0.03-66.88W-0.01, h10km, 2km, ML3.3/33, MD3.5/22(RSPR), Error ellipse: s-maj=5.3km s-min=3.0km az=22.0
RSPR 24 01:33:43.8, 17.85N-66.88W, h12km, MD3.5/22
OSPL 24 01:33:43.0-1.4, 17.80N-66.89W, h12km, 7km, ML3.6, Presumed earthquake
SDD 24 01:33:43.0-1.4, 17.79N-66.91W, h20km, 9km, MD3.0, ML3.0, MVV3.3, Presumed earthquake Hypocentre not resolved by the ISC
ISC 24 01:33:43.0-1.4, 17.83N-0.06-66.88W-0.02, h19km, 2km, n39, c9225/58, 9C-17D, Puerto Rico region
Code Station Name Delta Azimuth Phase ID Time Residual ISC
GBPR Guanica, Bosqu 0.14 360 Op P 01 33 47.3 +0.1
GBPR Guanica, Bosqu 0.14 360 iJP P 01 33 47.3 +0.1
GBPR Guanica, Bosqu 0.14 360 eS P 01 33 50.0 +0.0
MLPR Magueyes Isian 0.21 311 I IAML P 01 33 48.2 +0.1
MLPR 8um, 0.5s
MLPR Magueyes Isian 0.21 311 iJP P 01 33 48.3 +0.1
MLPR Magueyes Isian 0.21 311 ePg P 01 33 48.4 +0.1
MLPR Magueyes Isian 0.21 311 eSg P 01 33 51.3 +0.1
MLPR Magueyes Isian 0.21 311 I IAML P 01 33 52.3 +0.1
CRPR Cabo Rojo, PR 0.28 308 P P 01 33 49.4 +0.1
CRPR Cabo Rojo, PR 0.28 308 eS P 01 33 53.4 -0.1
CRPR Cabo Rojo, PR 0.28 308 iJP P 01 33 54.2 +0.1
CRPR Cabo Rojo, PR 0.28 308 iJP P 01 33 49.4 +0.1
OBIP Obispo Ponce 0.23 301 Sg P 01 33 52.5 +0.1
OBIP Obispo Ponce 0.33 51 iJP P 01 33 55.2 +0.1
OBIP Obispo Ponce 0.33 51 eS P 01 33 55.2 +0.1
OBIP Obispo Ponce 0.33 51 I IAML P 01 33 56.5 +0.4
CERP Cerrillos 0.37 50 Sg P 01 33 57.7 +0.1
CERP Cerrillos 0.37 50 iJP P 01 33 51.1 +0.1
CERP Cerrillos 0.37 50 ePg P 01 33 56.9 +0.1
CERP Cerrillos 0.37 50 I IAML P 01 33 57.6 +0.1
LSP Las Mesas 0.39 330 P 01 33 51.4 +0.1
LSP Las Mesas 0.39 330 iJP P 01 33 57.5 +0.3
LSP Las Mesas 0.39 330 eS P 01 33 57.7 +0.3
UUPR Utuado, UPR, P 0.44 20 Sg P 01 33 51.9 -0.2
UUPR Utuado, UPR, P 0.44 20 iJP P 01 33 52.0 -0.2
UUPR Puerto Rico Se 0.46 327 I P 01 33 52.3 -0.1
UUPR Puerto Rico Se 0.46 327 iJP P 01 33 52.4 +0.0
PRSN Puerto Rico Se 0.46 327 ePg P 01 33 52.4 +0.0
PRSN Puerto Rico Se 0.46 327 I P 01 33 52.9 +0.0

Table with columns for station name, coordinates, and various parameters. Includes stations like HUEH Huehuetenango, COMITAN Comitán, and various locations in Guatemala.

Table with columns for station name, coordinates, and various parameters. Includes stations like POPocatepetl, Toluca, and various locations in Mexico and Central America.

Table with columns for station name, coordinates, and various parameters. Includes stations like T59A, PV03, PV22, HAYD Hayden, ECSD EROS Data Cent, PSUT Puerto Spring, PDAR Pinedale Array, and various locations in the Caribbean and South America.

Table of race results for 1531. Columns include rider name (e.g., RAYN Ar Rayn), time (87.57), and other performance metrics like Pmax, MLR, L, R, and various handicap codes.

Table of race results for 2020 MAY. Columns include rider name (e.g., BLA Backsburg), time (103.88), and other performance metrics like Pmax, MLR, L, R, and various handicap codes.

Table of race results for 24d 2h. Columns include rider name (e.g., L42A Oliver, Polo), time (112.25), and other performance metrics like Pmax, MLR, L, R, and various handicap codes.

Table with columns: F21K, G21K, A22K, M16K, B22K, L18K, J20K, N15K, F21K, H21K, E22K, G22K, K20K, I21K, H22K, D23K, L19K, M18K, C23K, CHUM, G23K, M19K, E23K, TOLK, MLY, CAST, N18K, BPAW, H23K, C24K, E24K, M20K, I23K, N19K, F24K, TRF, NEA2, G24K, H24K, D25K, POKR, G25K, E25K, F25K, C26K, ILAR, PRP, F26K, C27K, KDAK, SEY, SEY, INK, PETK, TIXI, YKA, HFS, EKA, GERES, BRTR. Includes station names, coordinates, and various parameters.

Table with columns: JMA, IDC, IDC, IDC, Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes JMA 24 03:09:02.7-0.1, 24°N, 125°2'E, 0.5, h49km, 2km, M3.0/9, NEAR MIYAKOJIMA ISLAND, etc.

Table with columns: WRA, ASAR, OBN, FINES, YKA. Includes Warramunga Arr 44.93 168 P, Alice Springs 48.49 169 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes IDC 24 03:21:04.2-0.6, 8.74S, 156.04E, h0km, mb3.8/3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes MSVF Nonsauv 5.99 342 P, MSVF Nonsauv 5.99 342 P, NIUE Niue 10.36 87 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes WRA Warramunga Arr 42.43 266 P, WRA Warramunga Arr 42.43 266 P, WRA Warramunga Arr 42.43 266 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes FORT Forrest 46.46 249 P, FORT Forrest 46.46 249 P, FORT Forrest 46.46 249 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes MBWA Marble Bar 55.44 260 P, MBWA Marble Bar 55.44 260 P, MBWA Marble Bar 55.44 260 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes AKASE Malin Array Br 144.61 328 PKP, AKASE Malin Array Br 144.61 328 PKP, AKASE Malin Array Br 144.61 328 PKP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes HOPE Hope Point 16.88 236 P, HOPE Hope Point 16.88 236 P, HOPE Hope Point 16.88 236 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes TROLL Troil, Antarti 25.80 170 P, BELA Belgrano 2 31.98 189 P, PMSA Palmer Station 32.71 212 LR, etc.

Table with columns: PLCA, H04S2, H04S3, H04S1, QSPA, QSPA. Includes Paso Flores 41.65 257 P, CROZET ISLANDS 42.55 114 T, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes MT09 Talagante 45.66 265 P, AC05 El Transito 48.16 271 P, SIV San Ignacio 50.85 291 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes LPAZ La Paz 55.22 284 P, LPAZ La Paz 55.22 284 P, LPAZ La Paz 55.22 284 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes SIJI Sorong 6.47 17 P, SIJI Sorong 6.47 17 P, SIJI Sorong 6.47 17 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes WRA Warramunga Arr 13.67 160 P, WRA Warramunga Arr 13.67 160 P, WRA Warramunga Arr 13.67 160 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes ASAR Alice Springs 17.06 166 P, ASAR Alice Springs 17.06 166 P, ASAR Alice Springs 17.06 166 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes WRA Warramunga Arr 42.43 266 P, WRA Warramunga Arr 42.43 266 P, WRA Warramunga Arr 42.43 266 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes TXAR Lajitas Array 90.21 58 P, TXAR Lajitas Array 90.21 58 P, TXAR Lajitas Array 90.21 58 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes WMOK Wichita Mounta 96.28 55 P, WMOK Wichita Mounta 96.28 55 P, WMOK Wichita Mounta 96.28 55 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Includes PCIG Arriaga 1.32 30 P, PCIG Arriaga 1.32 30 P, PCIG Arriaga 1.32 30 P, etc.

24d 3h

2020 MAY

1534

Table with multiple columns containing station names, call signs, frequencies, and other technical details. The table is organized into two main sections, one for '24d 3h' and one for '1534', with a central '2020 MAY' header. Each row represents a specific station and its associated data points.

1535

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like ALPN Alpine, LPIG La Paz, and APAC Apartado, Choc.

2020 MAY

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like HHAR Hobbs, HALT Halls, and CASO Dorado de Casc.

24d 3h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like WUAZ Wupatki, VTX Valle De La Tr, and HDIL Hopedale.

24d 3h

Table with columns for station call letters, station name, frequency, and other details. Includes stations like ELKA, E3A, ELKO, etc.

2020 MAY

Table with columns for station call letters, station name, frequency, and other details. Includes stations like CLDB, PTLB, BBSB, etc.

1536

Table with columns for station call letters, station name, frequency, and other details. Includes stations like JANB, MESA, L29M, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like E29M Blow River, K24K Donnelly Dome, KNK Knik Glacier, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like M20K Styx River, C27K Jago River, CAST Cast Dome, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like L16K Owhat River, F20K Avaraart Lake, J17K VABM Dome, etc.

24d 3h

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like KBS Kingsbay, SPITS Spitsbergen Ar, BILL Bilibino, etc.

2020 MAY

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like SEY Seymchan, STU Stuttgart, FTG Flechtingen, etc.

1538

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like CHVC Chvalec, UPC Ujica, MOA Mollin, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BRIU Sopachiv, RNP95 Sopachiv, RNP95 Varash, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like GAT2 comp=Z,370nm,18.8s, KSH2 Kashi, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BRDH Baridhaha, BRDH Baridhaha, CMAR Chiang Mai, etc.

1541

Table with columns: Station Name, Time, P, I, A, M, B, etc. Includes stations like V53A Saluda, S44A Carbondale, TZTN Tazewell, etc.

BGSI 24 06:03:22.1±1.0, 18.24S;26.70E, h0km, 11km, ML2.8, Presumed earthquake

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like KASANE Kasane, SOOWA Sowa, BLWY Bulawayo, etc.

IDC 24 06:12:03.6±1.1, 36.32N;28.80E, h0km, mb3.5/4, mbtmp3.5/11, ML3.3/6, Error ellipse: s-maj=18.0km

NIC 24 06:12:04.7±0.4, 36.51N;28.76E, h5km, ML3.2/1.0, ATH 24 06:12:03.5, 36.18N;28.77E, h15km, 1km, ML3.1/1.0

AFAD 24 06:12:04.5, 36.47N;28.70E, h1km, ML3.3/1.9, THE 24 06:12:06.0, 36.3N;2.9E, h0km, 3km, M3.0/8, MLh3.0/8

ISC 24 06:12:05.3±1.0, 36.47N;02.2873E, 0.02, h8km, 8km, n79, s175/125, mb3.3/3, Dodecanese Islands

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like DALY Dalyan (Mula), SABU Mula-Dalaman, IZZE Mula-Seydike, etc.

2020 MAY

Main table with columns: Station Name, Time, P, I, A, M, B, etc. Includes stations like AKAS Kas, YER Yerkesik, KSL Kastellorizon, etc.

24d 7h

Table with columns: Station Name, Time, Res, etc. Includes stations like ASF, EIL Elat, MLR Muntele Rosu, GERES GERESS Array B, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PPSI Pulau Pagai, TPRI Tanjung Pinang, KSM Kuching, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CTAO Charters Tower, STKA Stephens Creek, STKA Stephens Creek, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AB31 Kompak, ABKAR Abkulak Array, YUKI Furi, etc.

24d 9h

s-min=24.0km az=51.0
DJA 24 08:03:15.8,0.5,9.5,4.10*7E, h10km, M3.9/19, MLV3.9/19
ISC 24 08:03:18.1,1.4,9.35,0.2,106.9E:0.1,h22km,n21,
a=123/14,mb3.6,5, South of Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BBJJ Bungbulang, SKJJ Sukabung, LEM Lembang, etc.

ISC 24 08:16:02.9,4.5,8.425:155.90E,h0km,mb4.0/4,
mbtomp4.0/4,ML2.3/1,MS3.1/7, Error ellipse:
s-maj=117.0km s-min=30.0km az=174.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include HNR Honiara, PMG Port Moresby, CTJA Charters Tower, etc.

ISC 24 08:41:55.1,0.5,51.0N:164.70E,h0km,mb3.7/10,
mbtomp3.7/11,ML2.8/1,MS2.8/6, Error ellipse:
s-maj=29.6km s-min=17.2km az=153.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BKI Bering, KBTR Krutoberegovo, MKZ Mys Kozlova, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include H1N2 WAKE ISLAND Hy 35.20 176 T, H1N3 WAKE ISLAND Hy 35.22 176 T, etc.

ISC 24 09:04:31.0,0.9,52.22N:115.37W,h0km,mb2.9/1,
mbtomp3.2/6,ML3.3/4, Error ellipse: s-maj=17.4km
s-min=8.0km az=101.0

PGC 24 09:04:32.9,52.19N:115.26W,h1km,ML3.7/8,30km
southwest of Rocky Mountain House, Alberta Alberta,
Canada

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include EDM Edmonton, BRDLA Berland Lookou, SWGHA Sneathouse Loo, etc.

1544

ISC 24 09:07:49.1,2.4,14.5N:0.1,92.4W:0.1,h91km,13km,n11,
a=173/22, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include THIG THIG, PATR El Naranjo, CHUJ Union Juarez, etc.

BUI 24 09:11:26.0,30.30N:50.80E,h10km,mb5.4/36,mb5.1/72,
Ms5.1/57,Ms7.4/954

MOS 24 09:11:26.8,1.1,30.31N:50.76E,h13km,mb5.3/75,
MS4.4/22, Error ellipse: s-maj=4.5km s-min=3.0km
az=107.6

NEIC 24 09:11:28.7,1.3,30.338N:0.750E,h10km,1km,
mb5.2/13, Mw4.9/13, Error ellipse: s-maj=11.2km
s-min=11.1km az=221.0

TEH 24 09:11:29.2,30.43N:50.74E,h11km,17km,ML5.2,
Presumed earthquake

GCMT 24 09:11:30.7,0.2,30.31N:0.0150E:0.01,h25km,
MW5.2/105, Moment Tensor Solution. s70,c93;
s105,c162; Duration: 0 Moment tensor: Scale 10^16Nm;

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include OMAN 24 09:11:30.9,0.7,30.23N:50.93E,h10km,mb4.8/41,
ms4.2/6, Error ellipse: s-maj=7.2km s-min=5.4km az=30.0

ISC 24 09:11:30.4,1.8,30.37N:50.69E,h23km,10km,mb4.7/33,
mbtomp4.8/39,ML4.2/6,MS4.6/62, Error ellipse:
s-maj=12.9km s-min=9.6km az=176.0

THR 24 09:11:30.0,0.0,30.45N:50.72E,h22km,3km,ML5.2,
Presumed earthquake

DSN 24 09:11:32.9,0.7,30.27N:51.20E,h10km,mb5.6/1,
ML5.0/20, Error ellipse: s-maj=9.5km s-min=6.0km
az=63.0

SGS 24 09:11:32.4,30.52N:50.71E,h19km,MI5.7,
NAO 24 09:11:49.0,31.92N:48.62E,h33km,MB4.6
BGR 24 09:11:50.4,32.23N:49.23E,h33km,mb5.1

ISC 24 09:11:28.9,0.4,30.36N:0.0320E,h0km,2km,
h1km,comp-P, N143, a=137/246, mb5.1/255, MS4.6/99,
45C-34D, Northern and central Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KLNJ Kolanjah, KLNJ Kolanjah, KAZZ Kazeron-Fars-I, etc.

24d 9h

Table with columns for station name, frequency, power, and signal strength. Includes stations like RZN Rothen, LPSR Galich ya Gora, and many others.

2020 MAY

Table with columns for station name, frequency, power, and signal strength. Includes stations like TDK Taldyqorghan, TDK Shalkode, and many others.

1546

Table with columns for station name, frequency, power, and signal strength. Includes stations like PSZ Piszkesteto, MORH Mrgy, Hungary, and many others.

Table with columns: STAL, comp-Z, IAmB, IAmB, 09 18 15.2, PRU, 33.47 316, eP, P, 09 18 09.7 +2.3, etc.

Table with columns: SHL, Shillong, 36.49 87, P, P, 09 18 32.3 -1.8, SHL, Shillong, 36.49 87, P, P, 09 18 33.6 -0.4, etc.

Table with columns: FAUS, comp-Z, IAmB, IAmB, 09 19 26.9, STOK, Stokkvaagen, 42.61 339, eP, P, 09 19 23.5 -0.7, etc.

24d 9h

Table with columns for station code, name, frequency, and other technical details. Includes stations like ECAB, MDT, DSB, etc.

2020 MAY

Table with columns for station code, name, frequency, and other technical details. Includes stations like LYN, KCSI, UBPT, etc.

1548

Table with columns for station code, name, frequency, and other technical details. Includes stations like YAK, TSUM, HEH, etc.

1549

A36M	Sachs Harbour	77.90	359	P	P	09 23 25.4	-0.3
A36M	Sachs Harbour	77.90	359	P	P	09 23 25.7	0.0
B20K	Meade River	77.91	9	P	P	09 23 26.8	+1.0
TNTI	Ternate	78.06	96	P	P	09 23 20.1	+2.5
C16K	Lisburne Hills	78.07	13	P	IAmb	09 23 26.2	-0.5
C16K	comp=Z,44nm,1.6s						
C16K	Lisburne Hills	78.07	13	P	P	09 23 26.8	0.0
B22K	Teshkepuk Lake	78.09	8	P	P	09 23 27.7	+0.8
C17K	DeLong Mountain	78.30	12	P	P	09 23 28.8	+0.7
SANI	Sanana	78.33	99	P	P	09 23 28.7	-0.4
SANI	Sanana	78.33	99	P	P	09 23 28.6	-0.5
C19K	Lookout Ridge	78.36	11	P	P	09 23 29.1	+0.7
C18K	Utukok River	78.50	11	P	P	09 23 29.6	+0.4
B21K	Ikipkuk River	78.61	9	P	P	09 23 30.7	+1.0
RDOG	Red Dog Mine	78.72	12	P	P	09 23 30.7	+0.3
C23K	Itkillik River	78.90	7	P	P	09 23 32.4	+1.1
D17K	Noatak River	79.00	13	P	P	09 23 32.1	+0.2
C21K	Knifblade Rid	79.02	9	P	P	09 23 32.9	+0.9
D19K	Kuna River	79.14	10	P	P	09 23 33.3	+0.6
D20K	Etlvuk River	79.17	10	P	P	09 23 33.1	+0.3
D20K	comp=Z,44nm,1.4s						
D20K	Etlvuk River	79.17	10	P	P	09 23 33.6	+0.7
C24K	Franklin Bluff	79.21	7	P	P	09 23 34.2	+1.2
C26K	Camden Bay	79.37	5	P	P	09 23 34.7	+0.9
E20K	Nigu River	79.66	10	P	P	09 23 36.2	+0.6
E18K	Tukpahleark C	79.72	12	P	P	09 23 36.0	+0.3
SCHO	Scheffelef	79.72	329	P	P	09 23 35.9	-0.2
D23K	Nanushuk River	79.72	8	P	P	09 23 36.6	+0.8
D24K	Happ Valley	79.75	7	P	P	09 23 37.0	+0.8
C27K	Jago River	79.75	5	P	P	09 23 37.0	+1.0
E17K	Hotnam Inlet	79.78	12	P	P	09 23 36.2	+0.1
E21K	Killik River	79.80	9	P	P	09 23 36.5	+0.2
D25K	Kavik River	79.82	6	P	P	09 23 37.0	+0.6
TNA	Tin City	79.83	15	P	P	09 23 37.3	+0.8
TOLK	Toolik Lake Re	80.16	7	P	P	09 23 39.2	+1.0
E19K	Redstone River	80.23	11	P	P	09 23 38.9	+0.3
F14K	Arctic Creek	80.26	15	P	P	09 23 38.9	+0.3
D27M	Malcolm River	80.32	4	P	P	09 23 39.6	+0.5
D28M	Stokes Point	80.36	3	P	P	09 23 40.1	+0.8
E22K	Anaktuvuk Pass	80.37	8	P	P	09 23 40.0	+0.6
GAMB	Gambell	80.37	18	P	P	09 23 38.9	-0.4
F15K	North Star Dit	80.42	14	P	P	09 23 40.2	+0.5
F17K	Baldwin Pennin	80.45	12	P	P	09 23 39.8	0.0
C36M	Pauluk	80.52	358	P	P	09 23 39.4	-0.6
F18K	Selawik	80.60	12	P	P	09 23 40.8	+0.2
E23K	Chandalar	80.71	8	P	P	09 23 42.1	+0.8
E24K	Your Creek	80.82	7	P	P	09 23 42.7	+0.9
F20K	Avaraart Lake	80.84	10	P	P	09 23 42.2	+0.3
F22K	John River	80.92	9	P	P	09 23 43.3	+0.9
F21K	Alatna River	81.01	9	P	IAmb	09 23 42.9	+0.1
F21K	comp=Z,13nm,0.9s						
F21K	Alatna River	81.01	9	P	P	09 23 43.2	+0.4
E28M	Babbage River	81.04	4	P	P	09 23 43.6	+0.7
E25K	Arctic Village	81.07	6	P	P	09 23 43.9	+0.8
G15K	Niukluk	81.17	14	P	P	09 23 43.5	-0.2
ANM	Nome	81.25	15	P	P	09 23 44.0	-0.1
E27K	Coleen River	81.32	5	P	P	09 23 45.1	+0.6
E29M	Blow River	81.34	3	P	P	09 23 45.0	+0.5
G17K	Kiwalik Mounta	81.41	13	P	P	09 23 45.1	+0.2
G18K	Tagagawik	81.42	12	P	P	09 23 44.9	-0.1
F24K	Squaw Lake	81.42	7	P	P	09 23 46.1	+1.1
G19K	Purcell Mounta	81.46	11	P	P	09 23 45.5	+0.4
G22K	Bettles	81.56	9	P	P	09 23 46.4	+0.7
F25K	Christian River	81.57	6	P	P	09 23 46.2	+0.4
F25K	comp=Z,26nm,1.6s						
F25K	Christian River	81.57	6	P	IAmb	09 23 46.6	+0.7
INK	Inuvik	81.58	2	LR	LR	10 07 47.4	
INK	comp=Z,111nm,19.4s,baz=22,slow=41						
INK	Inuvik	81.58	2	P	IAmb	09 23 45.0	-0.8
INK	Inuvik	81.58	2	P	P	09 23 45.0	-0.8
INK	comp=Z,39nm,1.8s						
INK	Inuvik	81.58	2	P	pmax	09 23 45.9	+0.1
F26K	Sheenjek River	81.61	6	P	P	09 23 46.8	+0.7
G21K	Allakaket	81.67	10	P	P	09 23 46.5	+0.2
H16K	Elim	81.86	14	P	P	09 23 47.7	+0.4
G23K	Bananza Creek	81.95	8	P	P	09 23 48.6	+0.8
F28M	Old Crow	82.00	4	P	P	09 23 48.7	+0.6
H17K	Granite Mounta	82.05	13	P	P	09 23 48.5	+0.2
H19K	Roundabout Mou	82.13	11	P	P	09 23 49.1	+0.4
H18K	Honhosa River	82.14	12	P	P	09 23 48.9	+0.1
F30M	Barrier River	82.21	3	P	P	09 23 49.4	+0.2
G24K	Hadweenciz Riv	82.25	7	P	IAmb	09 23 50.0	+0.6
G24K	comp=Z,55nm,1.6s						
G24K	Hadweenciz Riv	82.25	7	P	P	09 23 50.4	+1.0
G25K	Bearman Lake	82.33	7	P	P	09 23 50.5	+0.8
G26K	Porcupine Riv	82.37	6	P	P	09 23 50.9	+1.0
H20K	Anotleneega Mo	82.42	10	P	P	09 23 50.7	+0.4
F31M	Tsigiethchic	82.45	2	P	P	09 23 50.4	+0.1
H22K	Ishlaitina Cre	82.55	9	P	P	09 23 52.3	+1.3

2020 MAY

H21K	Melozitna Rive	82.58	10	P	P	09 23 51.7	+0.6
G27K	Doyon Strip	82.68	5	P	P	09 23 52.7	+1.0
GCSA	Gala City Se	82.78	12	P	P	09 23 52.6	+0.5
G29M	Pine Creek	82.81	3	P	P	09 23 52.4	+0.1
G30M	Aloh Zraii Nji	82.82	3	P	P	09 23 52.3	-0.1
I17K	Unalakleet	82.84	13	P	P	09 23 53.1	+0.7
H23K	Yukon River	82.85	8	P	P	09 23 53.5	+1.0
G31M	Satah River	82.95	2	P	P	09 23 52.9	0.0
H24K	Noodor Dome	83.04	8	P	P	09 23 54.2	+0.7
I20K	Naaghdeneel	83.13	11	P	P	09 23 54.9	+1.0
I21K	Tanana	83.14	9	P	P	09 23 54.6	+0.6
H27K	Steamboat Moun	83.26	5	P	P	09 23 55.6	+1.0
JY6K	Anvik River	83.40	14	P	P	09 23 56.1	+0.8
EPYK	Eagle Plains	83.41	3	P	P	09 23 55.6	+0.2
MLY	Manley	83.46	9	P	P	09 23 56.3	+0.5
H29M	Whitestone	83.48	4	P	IAmb	09 23 55.8	0.0
H29M	comp=Z,15nm,1.0s						
H29M	Whitestone	83.48	4	P	P	09 23 56.2	+0.5
I23K	Minto, Yukon-K	83.53	8	P	P	09 23 56.6	+0.7
J17K	VABM Dome	83.60	13	P	P	09 23 56.8	+0.4
PRP	Porcupine Dome	83.61	7	P	P	09 23 57.1	+0.5
SHEM	Shemaya Is, Ala	83.67	31	LR	LR	10 05 06.3	
J19K	Poorman	83.69	11	P	P	09 23 57.5	+0.7
K13K	Kusilvak Mount	83.69	16	P	P	09 23 57.5	+0.7
J20K	Nowinta River	83.76	11	P	P	09 23 57.9	+0.7
POKR	Polk Plat Res	83.79	8	P	P	09 23 58.0	+0.7
I27K	Kandik River	83.87	5	P	P	09 23 57.7	-0.1
I27K	Kandik River	83.87	5	P	P	09 23 58.3	+0.5
COLA	College	83.97	8	P	P	09 23 58.7	+0.4
COLA	College	83.97	8	P	P	09 23 58.6	+0.4
H31M	Peel River	84.07	2	P	P	09 23 58.8	0.0
K15K	Wolf Creek Mou	84.09	15	P	P	09 23 59.1	+0.2
NEA2	Nenana	84.09	8	P	P	09 23 58.9	0.0
I28M	Miner Creek	84.15	4	P	P	09 23 59.5	+0.2
ILAR	Eielson Array	84.18	8	P	P	09 23 58.9	-0.5
ILAR	comp=Z,3.2nm,0.6s,baz=322,slow=4.2,SNR=63						
ILAR	comp=Z,0.5nm,0.8s,baz=206,slow=1.5,SNR=52						
ILAR	comp=Z,1.23nm,18.2s,baz=308,slow=41						
ILAR	comp=Z,3.2nm,0.6s						
ILAR	Eielson Array	84.18	8	P	P	09 23 59.0	-0.4
ILAR	Eielson Array	84.18	8	P	P	09 23 59.0	-0.4
BPAW	Bear Paw Mtn.	84.19	9	P	P	09 24 00.3	+0.3
CHUM	Lake Minchumini	84.32	10	P	P	09 24 00.5	+0.4
I29M	Ogilvie Camp,	84.33	4	P	P	09 24 00.4	+0.3
K17K	Iditarod	84.37	13	P	P	09 24 00.9	+0.5
J25K	Salcha River,	84.50	7	P	P	09 24 01.3	+0.2
HDA	Harding Lake	84.53	8	P	P	09 24 00.8	-0.3
K20K	Tellu River	84.54	11	P	P	09 24 01.8	+0.6
I30M	Mount Dempster	84.57	3	P	P	09 24 01.5	0.0
M11K	Meluyuk	84.64	17	P	P	09 24 02.7	+1.1
L15K	Ungalik Mounta	84.64	15	P	P	09 24 02.6	+0.9
L14K	Kuka Creek	84.67	15	P	P	09 24 02.8	+1.0
CAST	Castle Rocks	84.79	10	P	P	09 24 02.9	+0.4
L17K	Donlin	84.90	13	P	P	09 24 03.8	+0.8
MCK	McKinley	84.94	9	P	P	09 24 03.1	-0.2
TRF	Thorofare Moun	85.03	9	P	P	09 24 04.2	+0.3
L16K	Owhat River	85.05	14	P	P	09 24 04.6	+0.8
L18K	Granite Mounta	85.13	13	P	P	09 24 04.6	+0.4
J30M	Hart River	85.22	3	P	P	09 24 05.3	+0.6
J29M	Klonidke Camp	85.24	4	P	P	09 24 05.5	+0.7
K24K	Donnelly Dome	85.25	7	P	P	09 24 05.3	+0.5
RND	Reindeer	85.26	9	P	P	09 24 03.9	-1.0
RND	Reindeer	85.26	9	P	pmax	09 24 03.9	-1.0
SCRK	Sand Creek	85.26	6	P	P	09 24 05.7	+0.8
PPLA	Porcupine Riv	85.27	10	P	P	09 24 05.1	+0.1
M							

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like CMAR Chiang Mai Arr, BKB Balikpapan, BKB Mamuju, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like NRIK Noril'sk, L15K Ungalak Mounta, K15K Wolf Creek Mouta, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like R17L Mt. Peulik Vol, G18K Tagagawik, G18K Tagagawik, etc.

Table with columns: RTAL, Retalhuleu, 2.14 92 Pn, Pn, 05 56 16.4 -0.5, MOIG Morelia, 8.59 307 Pn, 05 57 48.8 +3.0, YUK3 Moose Creek, 57.52 336 P, P, 10 05 32.0 +1.1

Table with columns: RTAL, Retalhuleu, 2.14 92 Pn, Pn, 05 56 16.3 -0.5, MOIG Morelia, 8.59 307 eP, 05 57 49.0 +3.2, YUK3 Moose Creek, 57.52 336 P, P, 10 05 33.4 +1.9

Table with columns: RTAL, Retalhuleu, 2.14 92 iP, Pn, 05 56 16.6 +0.3, MOIG Morelia, 8.59 307 eS, 05 57 53.1 -1.6, YUK3 Moose Creek, 57.52 336 P, P, 10 05 33.4 +1.9

Table with columns: RTAL, Retalhuleu, 2.14 92 eS, Pn, 05 56 16.3 -1.5, MOIG Morelia, 8.59 307 eS, 05 57 47.7 +8.3, YUK3 Moose Creek, 57.52 336 P, P, 10 05 33.4 +1.9

Table with columns: RTAL, Retalhuleu, 2.14 92 eS, Pn, 05 56 16.3 -1.5, MOIG Morelia, 8.59 307 eS, 05 57 47.7 +8.3, YUK3 Moose Creek, 57.52 336 P, P, 10 05 33.4 +1.9

Table with columns: Station Name, Time, Azimuth, Phase, Residual, etc. Includes stations like N19K Bonanza Creek, F24K Squaw Lake, KULLO Kullorsuq, etc.

Table with columns: Station Name, Time, Azimuth, Phase, Residual, etc. Includes stations like UNV Unalaska Valle, E17K Hotham Inlet, K13K Kusak Mount, etc.

Table with columns: Station Name, Time, Azimuth, Phase, Residual, etc. Includes stations like AFDM Forest Hills D, AFDM comp=N,170nm,0.4s, ISA Isabella, Lake, etc.

REN 24 09:57:52.3±2.0, 38°14N±0.02±117°978W±0.009, h10km, 3km, Error ellipse: s-maj=2.6km s-min=1.1km

NEIC 24 09:57:52.38±1.4N±117.98W, h12km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mr:0.13; Mw:2.56; Mw:2.43; Mw:0.53; Mw:1.36; Mw:0.59; Fault plane solution: M2.95000±0.1014 NP1±240.00000°, λ175.00000°, λ15.00000°. NP2±149.00000°, λ75.00000°, λ175.00000°. Principal axes: T 2.9522, Plg14.00000°, Azm105.00000°; N -0.0002, Plg74.00000°, Azm258.00000°; P -2.9520, Plg7.00000°, Azm133.00000°

NEIC 24 09:57:51.9±2.1, 38°15N±0.02±117°97W±0.01, h9km±2km, ML3.6/114, ML3.9/11(REN), Mw3.6/34(SLMR) Error ellipse: s-maj=2.7km s-min=1.5km az=160.0, Nevada

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LHV Little Huntoon, LHV LHV, LHV comp=E,7µm,0.5s, etc.

VAO 24 09:58:53.9±3.0, 17°17'S±76°48'W, h10km, mb4.7, Presumed earthquake

NEIC 24 09:59:15.3±2.1, 16°37'S±0.04±75°0'W±0.1, h10km±2km, mb4.3/10, Error ellipse: s-maj=22.4km s-min=4.2km az=255.0

IDC 24 09:59:33.7±2.4, 15°69'S±73°99'W, h110km±21km, mb3.8/7, mb1mp±4.9, IMS3.7/1, Error ellipse: s-maj=22.9km s-min=13.6km az=51°

ISC 24 09:59:21.0±1.6, 16°34'S±0.07±74°59'W±0.08, h35km, n67, az=233/57, mb4.2/8, Near coast of Peru

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AP01 Chacaluta, AP01 IPC Station P, PB16 Visvir, etc.

SDV	comp=Z.2.9nm,0.9s,baz=165,slow=12,SNR=3.8	PMUV	Sn	10 03 12.2 -2.5	ACIG	Acambay	5.28 300	eP	Pn	10 33 46.6 -1.0
SDV	comp=Z.2.9nm,0.9s	PMUV	Pn	10 32 54.6 -0.9	ACIG	Acambay		eS	Sn	10 34 32.4 -1.5
BDFB	comp=Z.9.4nm,1.2s	CARR	Arriaga	1.54 136	ESQI	Esquipulas	6.14 116	P	Pn	10 33 58.3 -0.7
BDFB	comp=Z.5.2nm,0.8s,baz=243,slow=8.3,SNR=5.8	CARR	Oaxaca	1.63 260	ESQI	Esquipulas	6.14 116	P	Pn	10 33 58.0 -0.9
BDFB	comp=Z.5.2nm,0.8s	OXLC	Oaxaca	1.63 260	ZIIG	Zihuatanejo	6.15 273	eP	Pn	10 35 17.7 -6.4
USHA	comp=Z.12nm,1.1s	OXLC	Oaxaca	1.65 260	MTOS	Montecristo	6.20 118	P	Pn	10 33 58.1 -1.8
USHA	comp=Z.1.6nm,0.5s,baz=140,slow=5.3,SNR=8.7	OXLC	Oaxaca	1.65 260	MTOS	Montecristo	6.20 118	P	Pn	10 33 58.8 -0.1
USHA	comp=Z.1.6nm,0.5s	OXBJ	Oaxaca	1.65 260	MOIG	Morelia	6.28 292	Pn	Pn	10 34 01.8 +0.8
TXAR	comp=Z.0.2nm,0.6s	OXBJ	Oaxaca	1.65 260	MOIG	Morelia	6.28 292	eP	Pn	10 34 03.0 +2.1
TXAR	comp=Z.0.2nm,0.6s	OXBJ	Oaxaca	1.65 260	MOIG	Morelia	6.28 292	eP	Pn	10 35 14.8 +3.1
TXAR	comp=Z.0.2nm,0.6s	OXBJ	Oaxaca	1.65 260	MOIG	Morelia	6.28 292	eP	Pn	10 35 14.8 +3.1
TXAR	comp=Z.0.2nm,0.6s	OXBJ	Oaxaca	1.65 260	MOIG	Morelia	6.28 292	eP	Pn	10 34 19.4 -4.2
TORD	comp=Z.3.0nm,0.8s,baz=247,slow=8.1,SNR=13	OXIG	Oaxaca	1.66 260	MOIG	Morelia	6.28 292	eP	Pn	10 35 49.3 +0.0
TORD	comp=Z.3.0nm,0.8s	VHO	Vista Hermosa	1.66 260	MOIG	Morelia	6.28 292	eP	Pn	10 35 49.3 +0.0
YKA	comp=Z.1.3nm,0.8s	HUIG	Huatulco	1.90 213	TEIG	Tepeh	7.00 675	eP	Pn	10 34 32.6 +2.7
YKA	comp=Z.1.3nm,0.8s	HUIG	Huatulco	1.90 213	TEIG	Tepeh	7.00 675	eP	Pn	10 35 49.3 +0.0
H1N13	WAKE ISLAND H121.70 283 T	HUIG	Huatulco	1.90 213	TEIG	Tepeh	7.00 675	eP	Pn	10 35 49.3 +0.0
H1N12	WAKE ISLAND H121.71 283 T	MGIG	Morelia	6.28 292	TEIG	Tepeh	7.00 675	eP	Pn	10 35 49.3 +0.0
H1N11	WAKE ISLAND H121.71 283 T	TEIG	Tepeh	7.00 675	TEIG	Tepeh	7.00 675	eP	Pn	10 35 49.3 +0.0
H1S12	WAKE ISLAND H121.72 282 T	TGBT	Tuxtla Gutieri	1.94 107	TEIG	Tepeh	7.00 675	eP	Pn	10 35 49.3 +0.0
H1S11	WAKE ISLAND H121.73 282 T	TGBT	Tuxtla Gutieri	1.94 107	TEIG	Tepeh	7.00 675	eP	Pn	10 35 49.3 +0.0
H1S13	WAKE ISLAND H121.74 282 T	TGBT	Tuxtla Gutieri	1.94 107	TEIG	Tepeh	7.00 675	eP	Pn	10 35 49.3 +0.0

ASAR	Alice Springs 131.46 216 PKP	PKIKP	10 18 33.6 +1.9
WRA	Warramunga Arr 134.09 219 PKP	PKIKP	10 18 39.2 +2.2
ZALV	Zalesovo Beam 139.19 19 PKP	PKIKP	10 18 46.1 -0.3
MKAR	Makanchi Array 144.08 27 PKP	PKPdf	10 18 54.1 -0.1
KSH2	Kashi 144.43 PKP	PKIKP	10 18 58.8 -1.1
SOMM	Songino Array 148.39 359 PKP	PKIKP	10 19 05.8 -0.3
KRESA	Korea Array 151.07 321 PKP	PKIKP	10 19 13.8 +2.6
HHC	Hu-ho-hao-te 155.01 349 eP	PKPdf	10 19 03.5 -7.2
PZH	Panzhihua 169.33 18 PKP	PKPdf	10 19 22.3 -3.2

IDC 24 10:04:11.9:3.8,1.5:25Sx174:11W,h53km,39km,m3.5/4, mbmp3.9/5,ML4.3/1,Error ellipse: s-maj=49.1km s-min=29.1km az=144.0

ISC 24 10:04:13.5:1.0,15:2S:0.3:173.9W:0.2,h73km,n6, r1547/7,mb3.8/4,Tonga Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res
AFI	Afiamalau	2.42 60	Pn	10 04 51.8 +0.9
AFI	52nm,0.3s,baz=237,slow=17,SNR=87			
WRA	Warramunga Arr	49.41 257	P	10 12 55.4 -1.0
WRA	1.0nm,0.7s,baz=97,slow=8.1,SNR=18			
ASAR	Alice Springs	49.70 252	P	10 12 57.4 -1.3
ASAR	2.4nm,0.8s,baz=85,slow=7.8,SNR=26			
GSPA	South Pole Qui	74.90 180	P	10 15 46.8 +0.5
GSPA	0.9nm,0.8s,baz=66,slow=3.7,SNR=1.8			
ILAR	Eielson Array	82.30 11	P	10 16 27.9 +1.3
ILAR	0.3nm,0.9s,baz=219,slow=8.1,SNR=2.2			
BRTR	Keskin Array B	145.64 321	PKP	10 23 44.0 0.0
BRTR	0.7nm,0.7s,baz=69,slow=2.2,SNR=5.5			

IDC 24 10:18:10.6:6.4,17:21Sx178:91W,h502km,71km, mb3.3/1.2,mbmp2.2/1.2,Error ellipse: s-maj=30.0km s-min=19.8km az=62.0

ISC 24 10:18:13.5:0.8,17:3S:0.1:179.0W:0.1,h539km,n14, c070/15,mb3.8/1.2,Fiji Islands region

Code	Station Name	Δ° AZ°	Phase ID	Time Res
URZ	Urewera	21.17 189	P	10 22 20.0 -0.5
URZ	7.8nm,0.8s,baz=0.0,slow=20,SNR=1.5			
CTA	Charters Tower	33.04 260	P	10 24 04.7 -0.1
CTA	4.9nm,0.9s,baz=76,slow=3.9,SNR=3.7			
STKA	Stephens Creek	38.47 240	P	10 24 50.2 +0.7
STKA	1.0nm,0.3s,baz=108,slow=13,SNR=2.0			
JAY	Jayapura	42.23 286	P	10 25 19.8 -0.1
JAY	9.5nm,0.9s,baz=131,slow=8.0,SNR=4.6			
WRA	Warramunga Arr	44.23 259	P	10 25 34.8 -0.6
WRA	0.8nm,0.3s,baz=94,slow=8.0,SNR=24			
ASAR	Alice Springs	44.46 254	P	10 25 37.2 +0.1
ASAR	12nm,0.5s,baz=88,slow=8.0,SNR=17.4			
SIJI	Sorong	51.59 283	P	10 26 30.6 +0.2
SIJI	1.1nm,0.6s,baz=130,slow=4.7,SNR=7.2			
MJAR	Matsushiro Arr	67.11 324	P	10 28 13.5 -0.1
MJAR	0.9nm,0.7s,baz=153,slow=7.3,SNR=4.1			
GSPA	South Pole Qui	72.75 180	P	10 28 48.1 +1.1
GSPA	1.2nm,0.8s,baz=352,slow=10.0,SNR=8.0			
ILAR	Eielson Array	85.41 13	P	10 29 52.9 -0.7
ILAR	0.2nm,0.6s,baz=223,slow=5.6,SNR=4.4			
PDAR	Pinedale Array	87.27 44	P	10 30 03.9 +0.7
PDAR	0.2nm,0.5s,baz=178,slow=4.2,SNR=2.0			
YKA	Yellowknife Ar	94.00 25	P	10 30 33.0 -0.6
YKA	0.1nm,0.6s,baz=237,slow=7.4,SNR=4.5			
BRTR	Keskin Array B	143.98 315	PKP	10 36 47.9 +0.2
BRTR	0.5nm,0.8s,baz=126,slow=2.1,SNR=3.7			
GERES	GERESS Array B	146.89 345	PKP	10 36 56.0 +0.4
GERES	0.4nm,0.4s,baz=10,slow=5.1,SNR=2.6			

IDC 24 10:32:29.9:0.5,17:32N:94.90W,h123km,5km,mb3.4/9, mbmp3.8/1.1,Error ellipse: s-maj=25.3km s-min=10.2km az=49.0

NEIC 24 10:32:30.8:1.2,17:40N:0.05:95:00W:0.4,h122km,8km, mb4.1/1.1,MD4.5/76(MEX),Error ellipse: s-maj=8.2km s-min=6.0km az=197.0

CATAC 24 10:32:30.8:0.4,18°15'N:9°52'W,h105km,5km,M4.3/9, mb4.0/2,ML4.5/9,Error ellipse: s-maj=10.2km s-min=4.7km az=7.2,confirmed

MEX 24 10:32:30.5:1.0,17:37N:95:02W,h134km,6km,MD4.5, Presumed earthquake

ISC 24 10:32:30.4:0.6,17:37N:0.03:95:03W:0.03,h134km,5km, n135,c22/202,mb3.6/7,Oaxaca

PMUV	Sontecomapan	1.18 356	eP	Pn	10 33 12.2 -2.5
PMUV	Sontecomapan	1.18 356	eP	Pn	10 32 54.6 -0.9
PMUV	Sontecomapan	1.18 356	eP	Pn	10 33 12.2 -2.5
CARR	Arriaga	1.54 136	eP	Pn	10 32 58.5 -0.8
CARR	Arriaga	1.54 136	eP	Pn	10 33 20.1 -1.2
OXLC	Oaxaca	1.63 260	eP	Pn	10 33 20.4 -0.3
OXLC	Oaxaca	1.63 260	eP	Pn	10 33 23.5 +0.1
OXLC	Oaxaca	1.63 260	eP	Pn	10 33 23.5 +0.1
OXLC	Oaxaca	1.63 260	eP	Pn	10 33 23.5 +0.1
OXBJ	Oaxaca	1.65 260	eP	Pn	10 33 23.8 +0.0
OXBJ	Oaxaca	1.65 260	eP	Pn	10 33 23.8 +0.0
OXBJ	Oaxaca	1.65 260	eP	Pn	10 33 23.8 +0.0
OXIG	Oaxaca	1.66 260	eP	Pn	10 33 23.6 +0.4
OXIG	Oaxaca	1.66 260	eP	Pn	10 33 23.6 +0.4
VHO	Vista Hermosa	1.66 260	eP	Pn	10 33 27.4 -1.7
VHO	Vista Hermosa	1.66 260	eP	Pn	10 33 27.4 -1.7
HUIG	Huatulco	1.90 213	eP	Pn	10 33 02.4 -0.3
HUIG	Huatulco	1.90 213	eP	Pn	10 33 01.2 -2.2
HUIG	Huatulco	1.90 213	eP	Pn	10 33 01.2 -2.2
HUIG	Huatulco	1.90 213	eP	Pn	10 33 26.0 -2.6
TGIG		1.91 108	eP	Pn	10 33 03.4 -0.7
TGIG		1.91 108	eP	Pn	10 33 27.4 -1.7
TGIG		1.91 108	eP	Pn	10 33 02.4 -0.3
TGBT	Tuxtla Gutieri	1.94 107	eP	Pn	10 33 27.4 -1.7
TGBT	Tuxtla Gutieri	1.94 107	eP	Pn	10 33 03.4 -0.6
TGBT	Tuxtla Gutieri	1.94 107	eP	Pn	10 33 27.5 -1.1
TGBT	Tuxtla Gutieri	1.94 107	eP	Pn	10 33 03.4 -0.6
TOIG	Toxpalan	2.07 291	eP	Pn	10 33 27.5 -1.1
TOIG	Toxpalan	2.07 291	eP	Pn	10 33 07.1 +0.1
TOIG	Toxpalan	2.07 291	eP	Pn	10 33 31.1 -1.5
TOIG	Toxpalan	2.07 291	eP	Pn	10 33 07.1 +0.1
PCIG		2.40 133	eP	Pn	10 33 31.1 -1.5
PCIG		2.40 133	eP	Pn	10 33 07.1 +0.1
PCIG		2.40 133	eP	Pn	10 33 07.1 +0.1
PCIG		2.40 133	eP	Pn	10 33 36.4 -3.1
PEIG	Puerto Escondi	2.44 236	eP	Pn	10 33 07.5 -2.7
PEIG	Puerto Escondi	2.44 236	eP	Pn	10 33 37.8 -2.9
PEIG	Puerto Escondi	2.44 236	eP	Pn	10 33 11.1 +0.6
TPIG	Tehuacan	2.46 296	eP	Pn	10 33 11.1 +0.6
TPIG	Tehuacan	2.46 296	eP	Pn	10 33 09.5 -1.1
TPIG	Tehuacan	2.46 296	eP	Pn	10 33 09.5 -1.1
YOIG	Yosondua	2.46 258	eP	Pn	10 33 09.5 -1.1
YOIG	Yosondua	2.46 258	eP	Pn	10 33 09.5 -1.1
YOIG	Yosondua	2.46 258	eP	Pn	10 33 09.5 -1.1
YOIG	Yosondua	2.46 258	eP	Pn	10 33 09.5 -1.1
JAUJ	Jalcomulco	2.61 320	eP	Pn	10 33 10.7 -1.5
JAUJ	Jalcomulco	2.61 320	eP	Pn	10 33 10.7 -1.5
JAUJ	Jalcomulco	2.61 320	eP	Pn	10 33 10.7 -1.5
TXIG	Tlaxiaco	2.62 268	eP	Pn	10 33 12.3 -0.2
TXIG	Tlaxiaco	2.62 268	eP	Pn	10 33 12.3 -0.2
TXIG	Tlaxiaco	2.62 268	eP	Pn	10 33 12.3 -0.2
HLIG	Huajuapán de L	2.69 280	eP	Pn	10 33 13.4 +0.1
HLIG	Huajuapán de L	2.69 280	eP	Pn	10 33 13.4 +0.1
HLIG	Huajuapán de L	2.69 280	eP	Pn	10 33 13.4 +0.1
LVIG	Laguna Verde	2.69 331	eP	Pn	10 33 13.9 -1.9
LVIG	Laguna Verde	2.69 331	eP	Pn	10 33 11.3 -1.9
LVIG	Laguna Verde	2.69 331	eP	Pn	10 33 11.3 -1.9
LVIG	Laguna Verde	2.69 331	eP	Pn	10 33 32.2 -7.0
CCIG	Comitan	2.97 111	P	Pn	10 33 17.0 0.0
CCIG	Comitan	2.97 111	P	Pn	10 33 27.4 -0.4
CCIG	Comitan	2.97 111	P	Pn	10 33 52.2 -0.7
CCIG	Comitan	2.97 111	P	Pn	10 33 17.1 +0.1
CCIG	Comitan	2.97 111	P	Pn	10 33 44.3 -9.5
FTIG	Fresnillo de T	3.01 281	eP	Pn	10 33 17.7 +0.2
FTIG	Fresnillo de T	3.01 281	eP	Pn	10 33 17.7 +0.2
FTIG	Fresnillo de T	3.01 281	eP	Pn	10 33 17.7 +0.2
PNIG	Pinotepa	3.12 252	eP	Pn	10 33 16.3 -2.5
PNIG	Pinotepa	3.12 252	eP	Pn	10 33 35.5 -5.7
TLIG	Tlapa	3.38 274	P	Pn	10 33 22.0 -0.3
TLIG	Tlapa	3.38 274	P	Pn	10 33 22.0 -0.3
TLIG	Tlapa				

Table with columns: Code, Station Name, Az, El, P, S, Sn, Pn, Time, Res. Includes stations like Interuniversit Patillas Dam, Patillas Dam, Col San Antoni, etc.

NAO 24 12:07:58.5, 45:51N-26:34E, h33km, MB3.8
SIGU 24 12:07:06.0, 3.46 N-2:26 E, h146km, 2km, mb3.4/6, MD3.5/19

BUC 24 12:07:07.4, 0.2, 45:50N-26:32E, h139km, 1km, m4.2/81, Error ellipse: s-maj=1.2km s-min=1.0km az=7.0
SOF 24 12:07:07.3, 45:51N-0:01:26:28E, 0.01, h140km, 2km, MD4.1/6

MCSM 24 12:07:07.2, 0.2, 46 N-2:26 E, h137km, 2km, mb3.9, MLV4.0

IDC 24 12:07:07.4, 0.5, 45:62N-26:17E, h139km, 4km, mb3.4/14, mbtmp3.7/21, Error ellipse: s-maj=14.2km s-min=10.2km bz=127.0

BEO 24 12:07:09.1, 0.7, 45:46N-26:15E, h31km, 2km, ML3.3/13
CFUSG 24 12:07:10.1, 45:35N-26:58E, h142km, MB3.2/7, MD3.7/6, MSH3.2/7

ISC 24 12:07:07.2, 0.6, 45:51N-0:03:26:29E, 0.02, h147km, 4km, n239, r1528/327, mb3.5/13, 82C-62D, Romania

Main station list table with columns: Code, Station Name, Az, El, P, S, Sn, Pn, Time, Res. Lists numerous stations across Europe and the Mediterranean.

Main station list table (continued) with columns: Code, Station Name, Az, El, P, S, Sn, Pn, Time, Res. Lists numerous stations across Europe and the Mediterranean.

Main station list table (continued) with columns: Code, Station Name, Az, El, P, S, Sn, Pn, Time, Res. Lists numerous stations across Europe and the Mediterranean.

24d 12h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like UPC, DPC, PVCC, PIVO, KRLC, ANAC, ANAC, RYBC, PRU, CLL, HSKC, MORC, OKC, VRAC, ZVC, MAUC, KRUC, STAC, OJC, KHC, CKRC, LANS, MODS, BSD, VYHS, CONA, MOA, MOA, LUNU, BLEU, BJJU, DEL, etc.

KRNET 12:46:06.7-0.1, 40.87N, 72.81E, h17km, mb3.7
SOME 24:12:46:07.3, 40.92N, 72.80E, h10km
NUNC 24:12:46:08.4, 1.1, 40.98N, 72.82E, h0km, mb4.0, mpv3.9,
Error ellipse: s-maj=9.9km s-min=3.8km az=176.0
ISU 24:12:46:10.4, 0.94N, 72.69E, h8km
ISC 24:12:46:06.5-0.7, 40.87N, 0.02-72.83E, h10km, n73,
±175/114, 40C-23D, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like OHH, TSTA, ARSB, ARSB, SALK, FRK, SFRK, TRKS, ARLS, CHDK, DRK, MNAS, BTK, UCH, UCH, MRKS, MRKS, MRKS, EKS2, EKS2, JNKS, AAK, AAK, AAK, CHMG, CHMG, CHRV, DZA, DZA.

2020 MAY

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like DZA, DZA, FRU1, FRU1, KBK, KBK, IUG, IUG, IUG, TVKS, TVKS, CHMS, CHMS, GARM, GARM, USP, USP, KSH2, KSH2, KSH2, KK31, KK31, NZBK, NZBK, BOOM, BOOM, SGDS, SGDS, ULHL, ULHL, TKM2, TKM2, BRLS, BRLS, BRLS, BRLS, KST, KST, KST, KST, DGS, DGS, DGS, DGS, DJJ, DJJ, KRBS, KRBS, KRBS, KRBS, IZV, IZV, IZV, IZV, CHGR, CHGR, TNS5, TNS5, TNS5, TNS5, TARG, TARG, KNDC, KNDC, MDOK, MDOK, KOTS, KOTS, KOTS, KOTS, PRZ, PRZ, UZB, UZB, UZB, PDGK, PDGK, PDGK, PDGK, MAKZ, MAKZ, MK31, MK31, KURBS, KURBS, KURK, KURK.

ISC 24:12:51:00.1±3.4, 17.00N, 100.15W, h0km, mb3.2/3,
mbtmp3.2/5, ML3.0/2, Error ellipse: s-maj=64.1km
s-min=22.9km az=21.0
MEX 24:12:51:04.4±1.5, 16.87N, 100.19W, h27km±9km, MD4.2,
Presumed earthquake
ISC 24:12:51:01.9±2.9, 16.87N, 0.04-100.17W, 0.02,
h18km±20km, n57, ±167/84, mb3.3/2C, Near coast of
Guerrero

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like DAIG, DAIG, CRIG, CRIG, PETAT, PETAT, ARIG, ARIG, ZIIG, ZIIG, PLIG, PLIG, TLIG, TLIG, HMTT, HMTT, PINOT, PINOT, MAVM, MAVM, FTIG, FTIG, YAU, YAU, TXIG, TXIG, TXIG, TXIG, TOVM, TOVM, HUIG, HUIG, AOV, AOV, YOIG, YOIG, YOIG, YOIG, INV, INV, INV, INV, XCM, XCM, AMVM, AMVM, UNM, UNM, UNM, UNM, THVM, THVM, MHVM, MHVM, PBVM, PBVM, APVM, APVM, AZVM, AZVM, ATVM, ATVM, MOIG, MOIG, PEIG, PEIG, TPIG, TPIG, TPIG, TPIG, VTM, VTM, TOIG, TOIG, VHO, VHO, VHO, VHO, MMIG, MMIG, DEIG, DEIG, IGIG, IGIG, HUIG, HUIG, HUIG, HUIG, INCO, INCO, SOMAC, SOMAC, CEGR, CEGR, CMIG, CMIG, CMIG, CMIG, APG, APG, TXAR, TXAR, TXAR, TXAR, PDAR, PDAR, YKA, YKA, H03N2, H03N2, H03N1, H03N1, H03N3, H03N3, ILAR, ILAR, IDC 24:12:55:08.8±0.8, 35.87N, 117.67W, h0km, mb3.5/3,
mbtmp3.4/8, ML3.6/5, MS2.6/3, Error ellipse: s-maj=16.5km
s-min=5.6km az=75.0
NEIC 24:12:55:08.2±1.7, 35.875N, 0.009-117.71W, 0.01,
h10km±3km, ML3.8/146, Mw3.8/116, Mw3.8/6(PAS), Error
ellipse: s-maj=1.5km s-min=1.3km az=83.0, Moment
Tensor Solution. Moment tensor: Scale 10^14Nm;
M1-0.27; M2-3.56; M3-3.83; M4-2.42; M5-2.69; M6-1.62;
Fault plane solution: Mo=5.4000x10^14 NP1±0.27.62000°,
δ57.65000°, λ-0.04000°. NP2±0.117.64000°, δ89.97000°,
λ-147.65000°. Principal axes: T 5.6469, Plg22.0000°,
Az=248.0000°, N -0.4728, Plg58.0000°, Az=118.0000°,
P -5.1741, Plg22.0000°, Az=347.0000°
NEIC 24:12:55:08.8±3.8, 35.87N, 117.71W, h11km
PAS 24:12:55:09.2±1.7, 35.871N, 0.008-117.716W, 0.002,
h17km±2km, Error ellipse: s-maj=1.2km s-min=0.2km
az=187.0
ISC 24:12:55:09.5-0.7, 35.86N, 0.02-117.71W, 0.02, h11km±5km,
n127, ±1905/149, mb3.5/3, Central California

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Cottonwood Cre, Queen of Sheba, Cerro Gordo, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Big Mountain B, Borrego Spring, Fort Hunter Li, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like n118, Yonagunijimaku, Yonaguniji jima, etc.

RSNC 24 13:01:04.3:0.0, 7°N:1°7'3W, h143km, 1km, M2.6, MLL2.2, Mlv2.8

FUNV 24 13:01:06.5: 7.12N:73.15W, h5km, MW2.6, Presumed earthquake

ISC 24 13:01:02.5: 1.6, 6.84N:0.03:73.14W:0.05, h152km, gkm

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

24d 13h

Table with columns: Station Name, Time, Res, Phase ID, and various codes. Includes stations like ALS, JMJ2, ELDTW, etc.

TAP 24 13:26:26.3, 24.72N, 122.01E, h73km, ML2.7 C
JMA 24 13:26:26.4, 0.2, 24.74N, 0.5, 122.0E, 0.3, h74km, 2km, TAIWAN REGION

ISC 24 13:26:26.5-1.3, 24.74N, 0.03, 122.03E, 0.03, h75km, 6km, n62, e068/114, Taiwan region

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists numerous stations and their associated data.

2020 MAY

Table with columns: Station Name, Time, Res, Phase ID, and various codes. Includes stations like VVWD, SSSL, WHYT, etc.

GCG 24 13:41:58.0, 0.9, 13.93N, 93.55W, h12km, MD4.6, Presumed earthquake

IDC 24 13:41:60.0, 0.3, 14.38N, 93.49W, h0km, mb3.8/2, mbmp3.5/4, ML3.3/2, MS2.5/2, Error ellipse: s-maj=59.6km s-min=25.8km az=23.0

NEIC 24 13:42:01.2, 1.5, 14.38N, 0.04, 93.42W, 0.04, h10km, 2km, mb4.1/9, Md4.2/58(MEX), Error ellipse: s-maj=9.1km s-min=3.8km az=216.0

MEX 24 13:42:02.8, 2.8, 14.27N, 0.02, 93.55W, 0.05, h10km, 6km, Error ellipse: s-maj=7.6km s-min=3.1km az=75.0

ISC 24 13:41:57.3, 0.3, 14.17N, 0.06, 93.56W, 0.03, h5km, 20km, n67, e249/105, mb4.1/6, Near coast of Chiapas

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists numerous stations and their associated data.

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CMAR Chiang Mai Arr 145.31 339 PKPbc PKPdf 14 01 38.9 +1.2 comp=2.1, 0nm, 0.8s, baz=341, slow=3.6, SNR=4.5

SOME 24 13:50:33.8, 39.60N, 77.02E, h10km, KRNET 24 13:50:35.6, 0.1, 39.68N, 76.93E, mb3.1, NNC 24 13:50:35.9, 1.1, 39.66N, 76.97E, h0km, mb3.5, mpv3.3, Error ellipse: s-maj=7.5km s-min=6.1km az=150.0

ISC 24 13:50:40.3, 2.0, 39.31N, 0.08, 76.93E, 0.06, h10km, n31, e110/50, 23C-3D, Southern Xinjiang

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists numerous stations and their associated data.

MEX 24 13:50:48.9, 0.4, 16.95N, 95.22W, h105km, 5km, MD3.2, Presumed earthquake, Oaxaca

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations for the MEX 24 13:50:48.9 event.

MEX 24 13:56:10.9, 0.6, 14.71N, 92.38W, h87km, 8km, MD3.7, Presumed earthquake

GCG 24 13:56:12.5, 0.5, 14.76N, 92.21W, h84km, 30km, MD3.8, Presumed earthquake

ISC 24 13:56:07.5, 1.7, 14.59N, 0.08, 92.39W, 0.07, h91km, 12km, n16, e136/28, Near coast of Chiapas

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists numerous stations and their associated data.

1567

Table with station codes and names, including TGIG, CMIG, HUIG, NEUV, and their corresponding data.

CATAC 24 14:06:40.5±0.6, 13°N±4°9'0W±1.4, h29km±4km, M3.2/13, mb4.9/1, MLv2.4/13, Error ellipse: s-maj=8.3km

Main station list for CATAC region with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC.

NEIC 24 14:09:52.0±0.7, 17°1S±0.3; 178°9W±0.2, h55km±6km, mb4.1/10, Error ellipse: s-maj=40.1km s-min=18.8km

ICD 24 14:09:52.5±1.2, 17°07'S±178°93'W, h55km±18km, mb3.1/4, mbmp4.0/7, Error ellipse: s-maj=82.6km s-min=17.6km

ISC 24 14:09:52.0±0.8, 17°1S±0.3; 178°9W±0.1, h55km±n20, mb0.80/21, mb4.1/10, Fiji Islands region

Main station list for NEIC and ICD regions, including codes like FUTU, MSFV, AFII, ARMA, etc.

ICD 24 14:28:08.2±0.8, 9°66'S; 156°12'E, h0km, mb3.9/9, mbmp3.9/9, ML2.5/1, MS3.6/12, Error ellipse: s-maj=24.0km s-min=20.2km

NEIC 24 14:28:09.7±1.0, 9°55'S±0.1; 156°18'E±0.08, h10km±1km, mb4.8/23, Error ellipse: s-maj=18.9km s-min=11.8km

ISC 24 14:28:12.7±0.5, 9°56'S±0.09; 156°07'E±0.06, h35km±n48, r=151/41, mb4.2/17, MS3.5/9, Bougainville-Solomon Islands region

Main station list for ICD and NEIC regions, including codes like HNR, RABL, etc.

2020 MAY

Main station list for 2020 MAY, including codes like ASAR, STKA, STKA, SIJI, FITZ, etc.

RSNC 24 14:29:54.2±0.0, 7°1N±1°7'3W±1.1, h146km±1km, M2.5, ML2.2, FUNV 24 14:29:55.2, 7°18'N±73°08'W, h5km, MW2.8, Presumed

ISC 14:29:51.6±1.5, 6.87°N±0.03; 73°09'W±0.04, h158km±gkm, n23, r181/46, Northern Colombia

Main station list for RSNC and ISC regions, including codes like BARC, PAMC, etc.

DNK 24 14:36:27.9±3.5, 67°16'N±20°50'E, h0km, ML3.1 (UPP), Suspected explosion

UPP 24 14:36:27.6±0.0, 67°19'N±20°65'E, h0km, ML3.1, Confirmed Induced event

NAO 24 14:36:28.9±0.4, 67°13'N±20°76E, ML3.3, HEL 24 14:36:28.4±0.6, 67°18'N±20°66E, h1km, ML2.7, ML3.1 (UPP), ML2.9 (BER), Confirmed Induced event

ISC 24 14:36:28.0±0.6, 67°15'N±20°95E, h0km, mb3.7/1, mbmp3.6/7, ML3.1/6, Error ellipse: s-maj=13.1km s-min=7.7km az=107.0

BER 24 14:36:30.1±3.6, 67°12'N±20°70E, h0km, ML2.9, ML3.3 (NAO), Confirmed Induced event

ISC 24 14:36:27.0±0.6, 67°18'N±20°70E±0.01, h0km, n124, r=181/43, 11C-22D, Sweden

Main station list for DNK and ISC regions, including codes like DUNU, MASU, etc.

Main station list for 2020 MAY (continued), including codes like RATU, KUA, KUA, etc.

24d 14h

Main station list for 24d 14h, including codes like KALU, SJUU, KTK1, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like UMAU Umeaa, KEV Kevo, YAF Ylistaro, etc.

BGSI 24 14:42:25.2-1.3, 19°10'S; 16°10'E, h0km, 58km, ML4.3, Presumed earthquake

ISC 24 14:42:26.2-0.9, 19.065°S; 16.51°E, h10km, n35, c301/58, 4C-3D

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KARU Karibib, RUDU RUNDU, KULE Kule, etc.

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

REN 24 14:43:20.6-0.8, 38°22'N; 0°01'; 117.70W; 0.02, h0km, 2km, Error ellipse: s-maj=2.4km s-min=1.3km az=50.0

NEIC 24 14:43:21.6-0.8, 38.22°N; 0.02; 117.71W; 0.02, h9km, 8km, ML3.2/124, ML3.5/26(REN), Error ellipse: s-maj=2.7km s-min=2.0km az=197.0, Nevada

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NV11 Mina Array Sit, TPH Tonopah, NV06 Mina Array Sit, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PKD Bear Valley Ra, MTPC Mountain Pass, MHC Mount Hamilton, etc.

CATAC 24 14:48:01.2-0.4, 13°N; 2.8°W, h30km, 2km, M3.0/25, ML3.0/25, Error ellipse: s-maj=5.5km s-min=3.1km az=33.4, confirmed

SNET 24 14:48:02.3-1.1, 13°16'N; 89°47'W, h59km, ML2.9, Presumed earthquake

GCG 24 14:48:03.8-0.3, 13°22'N; 89°57'W, h49km, 6km, MD3.7, Presumed earthquake

ISC 24 14:47:58.9-2.0, 13.04°N; 0°07'89.48W; 0.05, h10km, 13km, n48, c05/83, El Salvador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LALI Alcalda de L, JAYA Jayaque - finc, JAYA Jayaque - finc, etc.

ISC 24 14:53:56.7-0.7, 36°50'N; 97°80'W, h0km, mb3.6/3, mbmp3.6/9, ML3.9/6, MS2.8/5, Error ellipse: s-maj=10.5km s-min=8.2km az=143.0

NEIC 24 14:53:59.4-0.4, 36°36'N; 0°07'98"; 15W; 0.01, h5km, 1km, mb_Lg3.8/131, ML3.9/32, ML4.0/70, Mw3.7/35, Error ellipse: s-maj=2.9km s-min=1.5km az=286.0, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; M0=0.04; M1=0.35; M2=3.53; M3=0.58; M4=1.86; M5=0.65; Fault plane solution: Mw4.1000x10^14; NP2: c=210.9000°; 388.13000°; 1.679700°; NP2: c=301.38000°; 877.97000°; 1.91000°. Principal axes: T 4.1528, P1g10.0000°, Azm166.0000°, N -109.1033, P1g78.0000°, Azm22.0000°, P -4.0495, P1g7.0000°, Azm257.0000°

NEIC 24 14:53:59.7-0.5, 36°36'N; 0°08'98"; 16W; 0.01, h8km, 4km, Error ellipse: s-maj=1.3km s-min=1.2km az=94.0

NEIC 24 14:53:59.5, 36°36'N; 98°15'W, h5km

ISC 24 14:53:57.8-1.2, 36°43'N; 0°03'98.00W; 0.03, h9km, 9km, n81, c29/1739, Oklahoma

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CROK Carrier, GCO2 Grant County #, OK038 West End E0370, etc.

1569

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KAN13 South Haven SW, KAN01 Argonia South, and KAN01 Waynoka.

2022 MAY

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ULM Lac du Bonnet, ULM comp=Z,0.6nm,0.3s, and ULM comp=Z,0.2nm,0.3s.

24d 14h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like QIZ QIZ, QIZ MANU, and QIZ MANU Manus Island.

24d 15h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SONM Songino Array, PALK Pallekele, TLY Talaya, etc.

2020 MAY

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like AKASG Malin Array Be, AKASG Malin Array B, DLBC Dease Lake, etc.

1570

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like SDCO Great Sand Dun, K29M Barlow Dome, etc.

24d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Sonseca Array, Bilibino, Barrancos, Sardoal, etc.

SKO 24 19:50.0, 41.61N; 19.35E, h0km, ML2.3
PDG 24 19:52.6, 0.6, 41.56N; 19.55E, h14km, ML2.6/13,
Error ellipse: s-maj=0.7km s-min=1.1km az=0.0
THE 24 19:52.0, 42.1N; 2.0E; 1.1, h1km, M2.3/5,
ML2.3/5
TIR 24 19:52.9, 41.57N; 19.75E, h28km, 1km, M2.3/4
BEO 24 19:52.0, 0.7, 41.47N; 19.55E, h2km, ML2.1/13
RHSSO 24 19:52.6, 0.8, 41.53N; 19.48E, h8km, 3km, ML2.7/6
ISC 24 19:52.4, 1.0, 41.55N; 0.02-19.57E; 0.02, h8km, 9km,
n76, c094/127, 12C-7D, Albania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tirane, Ulcinj, Shkodra, Peshkopja, etc.

2020 MAY

Table with columns: OHR, comp=N, 71nm, 0.6s, eLg, Lg, 19 20 32.1. Includes stations like Plav, Viora, Cevo, Herceg Novi, etc.

BUI 24 19:53:30.2, 40.54S; 174.93E, h54km, mb5.7/22, mb5.4/44,
Ms3.2/49, Ms7.0/52
NOU 24 19:53:32.2, 40.56S; 175.17E, h56km, mb5.6/142, North
Island, New Zealand
NEIC 24 19:53:32.2, 40.38S; 174.96E; 0.05, h46km, 1km,
mb5.7/101, Ms 2.0, 5.0/280, Mw5.5/38, Mw5.5/19, Error
ellipse: s-maj=7.0km s-min=6.6km az=145.0, Moment
Tensor Solution. Moment tensor: Scale 10^17Nm;
Mr=1.07; Ms=1.08; M=0.01; Ms=1.21; Mw=0.42; Mw=2.06;
Fault plane solution: Ms2.65000x10^17 NP1:
0.216, 520000, 879, 220000, lambda-104, 960000. NP2:
0.291, 530000, 818, 370000, lambda-36, 410000. Principal axes: T
2, 4733, Plg33, 00000, Azm319, 00000; N 0, 3271,
Azm19, 00000, P -2, 8004, Plg53, 00000,
NEIC 24 19:53:32.3, 40.38S; 174.96E, h46km
NEIC 24 19:53:32.2, 40.38S; 174.96E, h36km, Moment Tensor
Solution. Duration: 2s8 Moment tensor: Scale 10^17Nm;
Mr=0.28; Ms=0.62; M=0.03; Ms=0.34; Mw=0.38; Mw=1.80;
Fault plane solution: Ms3.04000x10^17 NP1:
1.10, 790000, 88, 290000, lambda-31, 440000. NP2: 0.231, 960000,
88, 680000, lambda-97, 090000. Principal axes: T 3, 2054,
Plg40, 00000, Azm329, 00000; N -0.3573, Plg7, 00000,
Azm233, 00000; P -2, 8480, Plg49, 00000, Azm134, 00000;
NEIC 24 19:53:32.1, 1.1, 40.29S; 174.96E, h50km, mb5.7/20,
MOS 24 19:53:32.1, 1.1, 40.29S; 174.96E, h50km, mb5.7/20,
MS5.1/26, Error ellipse: s-maj=12.6km s-min=8.6km
az=122.0
GFZ 24 19:53:30.0, 40.34S; 174.88E, h53km, Mw5.5, Moment
Tensor Solution. s35 Moment tensor: Mr=1.56;
Ms=1.99; Mw=0.43; Mw=1.09; Mw=0.14; Mw=1.21; Fault
plane solution: NP1: 0.112, 000000, 834, 000000,
lambda-42, 000000. NP2: 0.239, 000000, 867, 000000,
lambda-116, 000000. Principal axes: T 2, 3800, Plg18, 00000,
Azm348, 00000; N 0, 1100, Plg24, 00000, Azm250, 00000; P
-2, 4900, Plg58, 00000, Azm111, 00000;
WEL 24 19:53:33.3, 40.45S; 174.96E, h46km, ML5.8, Mw5.6,
Moment Tensor Solution. s5 Moment tensor: Scale 10^17
Nm; Mr=0.95; Ms=1.16; Mw=0.21; Mw=1.68; Mw=0.41;
Mw=1.75; Fault plane solution: Ms2.68000x10^17 NP1:
0.227, 000000, 879, 000000, lambda-104, 000000. NP2:
0.211, 000000, 818, 000000, lambda-37, 000000. Principal axes:
T 2, 6710, Plg33, 00000, Azm329, 00000; N 0, 0214,

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Plg14, 00000, Azm229, 00000; P -2, 6924, Plg54, 00000,
Azm120, 00000; Stations used: BFZ NNZ QRZ DSZ
OPRZ OBLIQUE FAULTING
WEL 24 19:53:33.0, 0.2, 40.52E; 177.5E; h37km, 3km, Ms5.8/120,
ML5.9/46, MLV5.8/120 Error ellipse: s-maj=3.3km
s-min=2.4km az=114.4
IDC 24 19:53:35.0, 0.9, 40.21S; 174.95E, h77km, 6km, mb5.2/25,
mbm5.5/26, MS4.8/46, Error ellipse: s-maj=9.9km
s-min=8.1km az=147.0
GCMT 24 19:53:35.0, 1.0, 40.52S; 0.01; 174.98E; 0.01, h26km,
MW5.8/141, Moment Tensor Solution. s126, c235;
s11, c269. Duration: 1s8 Moment tensor: Scale 10^17
Nm; Mr=0.47; Ms=0.03; Mw=1.44; Mw=0.67; Mw=0.2;
Ms=3.98; Mw=0.08; Mw=0.89; Mw=0.8; Best double
couple: Ms5.31600x10^17 NP1: 0.122, 000000, 810, 000000,
lambda-11, 000000. NP2: 0.223, 000000, 888, 000000,
lambda-100, 000000. Principal axes: T 5, 2000, Plg42, 00000,
Azm322, 00000; N 0, 2320, Plg10, 00000, Azm223, 00000; P
-5, 4320, Plg46, 00000, Azm123, 00000; nsta1 refers to
surface waves, cutoff=40s. nsta2 refers to surfacer waves,
cutoff=50s. Triangular moment-rate function
ISC 24 19:53:33.0, 0.3, 40.46S; 174.99E; 0.02, h61km, 2km,
h61km, P-P, n1212, i1644/1116, mb5.6/131, 47C-1D,
Creek Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Foxton Beach S, Levin Horowhenua, Otaki, etc.

NMHZ	Naumai	1.95	46	P	Pn	19 54 03.4 -0.4	comp=Z,5um,20.0s	CAN	Canberra	21.11	276	P	P	19 58 15.4 +2.8	ASAR	Alice Springs	38.25	283	P	P	20 00 46.8 -0.5
MRHZ	Matea Rd	1.96	35	P	Pn	19 54 03.2 -0.8		CAN	Canberra			P	P		ASAR	Alice Springs			P	P	20 00 46.8 -1.7
POIZ	Poihipi	2.00	24	P	Pn	19 54 05.3 +0.8						P	P		ASAR	Alice Springs	38.25	283	P	P	20 00 46.8 -2.9
ARAZ	Aratatia Land	2.02	26	P	Pn	19 54 05.3 +0.5						P	P		ASAR	Alice Springs	38.25	283	P	P	20 00 46.8 -0.5
THZ	Tophouse	2.05	30	P	Pn	19 54 04.7 -0.4						P	P		ASAR	Alice Springs	38.25	283	P	P	20 00 46.8 -0.5
THZ	Tophouse	2.05	30	P	Pn	19 54 04.7 -0.4						P	P		ASAR	Alice Springs	38.25	283	P	P	20 00 46.8 -0.5
KUTZ	Kaahu Road	2.07	18	P	Pn	19 54 05.9 +0.5						P	P		AS15	Alice Springs	38.27	283	P	P	20 00 47.2 -0.2
WPRZ	Whakapapatarin	2.14	25	P	Pn	19 54 06.0 -0.4						P	P		COEN	Coen	38.34	304	P	P	20 00 48.5 +0.6
MLHZ	Maugataniwha	2.15	42	P	Pn	19 54 05.8 -0.7						P	P		COEN	Coen	38.34	304	P	P	20 00 48.4 +0.4
ALRZ	Allen Road	2.16	29	P	Pn	19 54 06.0 -0.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
TLRZ	Tolley Road	2.17	11	P	Pn	19 54 06.2 -1.1						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
WHZ	Waihua	2.17	11	P	Pn	19 54 06.2 -1.1						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
RAHZ	Arahi	2.23	47	P	Pn	19 54 06.4 -1.2						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
PRRZ	Plateau Road	2.24	29	P	Pn	19 54 06.9 -0.8						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
KHZ	Kahutara	2.24	209	P	Pn	19 54 07.3 -0.4						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
KHZ	Kahutara	2.24	209	P	Pn	19 54 07.3 -0.4						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
KHZ	Kahutara	2.24	209	P	Pn	19 54 07.3 -0.4						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
KHZ	Kahutara	2.24	209	P	Pn	19 54 07.3 -0.4						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
HRZR	Haddock Road	2.29	26	P	Pn	19 54 08.3 -0.2						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
HSRZ	Handcock Road	2.35	25	P	Pn	19 54 09.1 -0.2						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
RUZ	Ruatuhuna	2.40	40	P	Pn	19 54 09.2 -0.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
MTZ	Murupara	2.42	30	P	Pn	19 54 08.9 -1.1						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
RRRZ	Republican Roa	2.45	30	P	Pn	19 54 09.3 -0.3						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
HLRZ	Highlands Stat	2.46	26	P	Pn	19 54 11.0 +0.5						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
UTU	Utuhina	2.46	23	P	Pn	19 54 10.9 +0.2						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
SNZG	Shannon Statia	2.47	48	P	Pn	19 54 09.2 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
TARZ	Mount Tarawera	2.51	28	P	Pn	19 54 11.5 0.0						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
KNZ	Kokohu	2.52	56	P	Pn	19 54 10.3 -2.2						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
NGRZ	Ngonotaha	2.53	23	P	Pn	19 54 11.4 0.0						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
OMRZ	Omania	2.58	25	P	Pn	19 54 12.3 +0.4						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
MKRZ	Makatiti	2.58	27	P	Pn	19 54 13.2 +0.0						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
MHGZ	Mahia Peninsul	2.59	61	P	Pn	19 54 10.8 -1.8						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
KARZ	Kaharoa	2.62	22	P	Pn	19 54 13.8 +0.0						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
PRGZ	Paritu Road	2.71	56	P	Pn	19 54 12.2 -1.8						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
EDRZ	Edgcombue	2.71	31	P	Pn	19 54 12.9 -1.3						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
KMRZ	Kaimai	2.71	16	P	Pn	19 54 14.7 +0.5						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
RAGZ	Rawiri	2.71	44	P	Pn	19 54 12.9 -1.3						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
DSZ	Denniston Nort	2.73	241	P	Pn	19 54 14.1 -0.4						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
DSZ	Denniston Nort	2.73	241	P	Pn	19 54 14.0 -0.4						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	20 00 50.2
URZ	Urewera	2.74	37	P	Pn	19 54 12.8 -1.7						P	P		COEN	Coen	38.34	304	P	P	

Table with columns for station ID, name, elevation, location, date, and various codes. Includes stations like IROC Station P, Mudanjiang, LuoYang, etc.

Table with columns for station ID, name, elevation, location, date, and various codes. Includes stations like Iron Mountain, Hayfork Valley, Danby, etc.

Table with columns for station ID, name, elevation, location, date, and various codes. Includes stations like Nenana, Meloztina River, Minto, etc.

Table with columns for call sign, name, frequency, power, and status. Includes entries like V55A Taylorsville, TKM2 Tokmak 2, W57A Gilead, etc.

Table with columns for call sign, name, frequency, power, and status. Includes entries like SAATT Saattu, GNI Gant, BELJ Belogorje, etc.

Table with columns for call sign, name, frequency, power, and status. Includes entries like BZK Bozkurt, FAUS Fauske, CANT Cankiri, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like KEK, STEB, MUD, MAUC, MORC, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like BSTI, PZOZ, BCLA, KEST, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like TUVZ, KHEZ, OTVZ, etc.

TMD5	Woodville Poli	0.70	86	P	S	Sn	20 06 46.3	-0.3
WDPS	Woodville Poli	0.70	86	P	S	Pn	20 06 36.2	+0.1
WDPS	Woodville Poli	0.70	86	P	S	Sn	20 06 47.7	+1.2
CAW	Cannon Point	0.72	173	P	S	Sn	20 06 36.2	-0.2
CAW	Cannon Point	0.72	173	P	S	Pn	20 06 47.6	+0.5
POKS	Katona Kinderga	0.74	187	P	S	Pb	20 06 47.0	+1.9
POKS	Katona Kinderga	0.74	187	P	S	Sb	20 06 36.1	+0.7
UHCS	Upper Hutt Col	0.74	175	P	S	Pb	20 06 47.0	+1.9
UHCS	Upper Hutt Col	0.74	175	P	S	Sb	20 06 36.5	-0.1
UHSS	Upper Hutt Pri	0.74	173	P	S	Pb	20 06 46.5	+1.4
UHSS	Upper Hutt Pri	0.74	173	P	S	Sb	20 06 36.4	+1.6
PWES	Porirua West	0.74	187	P	S	Pb	20 06 46.8	+1.6
PWES	Porirua West	0.74	187	P	S	Sb	20 06 36.4	+0.9
HIBS	Hutt Internati	0.75	175	P	S	Pb	20 06 47.1	+1.6
HIBS	Hutt Internati	0.75	175	P	S	Sb	20 06 36.3	+0.7
PFAS	Porirua Free A	0.75	186	P	S	Pb	20 06 46.9	+1.5
PFAS	Porirua Free A	0.75	186	P	S	Sb	20 06 36.4	+1.6
HSSS	Lower Hutt Hay	0.76	178	P	S	Pb	20 06 47.3	+1.5
HSSS	Lower Hutt Hay	0.76	178	P	S	Sb	20 06 37.0	0.0
WRCS	Masterton Wair	0.77	137	P	S	Pb	20 06 48.3	+0.1
WRCS	Masterton Wair	0.77	137	P	S	Sb	20 06 37.1	+0.9
FTPS	Featherston Pr	0.78	159	P	S	Pb	20 06 47.8	+1.3
FTPS	Featherston Pr	0.78	159	P	S	Sb	20 06 37.6	+0.2
TAIT	Taita Central	0.79	102	P	S	Pb	20 06 48.9	+0.1
TAIT	Taita Central	0.79	102	P	S	Sb	20 06 37.8	+0.2
PRWZ	Pori Road	0.79	102	P	S	Pb	20 06 48.9	+0.1
PRWZ	Pori Road	0.79	102	P	S	Sb	20 06 37.8	+0.2
LHBS	Lower Hutt Nor	0.80	183	P	S	Pb	20 06 48.5	+1.4
LHBS	Lower Hutt Nor	0.80	183	P	S	Sb	20 06 37.4	+0.2
LHGS	Lower Hutt Nor	0.81	119	P	S	Pb	20 06 49.0	-0.3
LHGS	Lower Hutt Nor	0.81	119	P	S	Sb	20 06 37.4	+0.9
TIWZ	Tintock	0.81	119	P	S	Pb	20 06 48.7	+1.5
TIWZ	Tintock	0.81	119	P	S	Sb	20 06 37.5	+0.8
NBSS	St Bernadette	0.81	180	P	S	Pb	20 06 48.4	+1.1
NBSS	St Bernadette	0.81	180	P	S	Sb	20 06 37.9	+0.2
DOCS	Lower Hutt St	0.81	182	P	S	Pb	20 06 48.8	+1.5
DOCS	Lower Hutt St	0.81	182	P	S	Sb	20 06 37.9	+0.2
DAVS	Collett Street	0.81	180	P	S	Pb	20 06 48.6	+1.3
DAVS	Collett Street	0.81	180	P	S	Sb	20 06 37.5	+0.8
LHRS	Lower Hutt Nor	0.81	183	P	S	Pb	20 06 48.2	+0.8
LHRS	Lower Hutt Nor	0.81	183	P	S	Sb	20 06 37.5	+0.5
FAIS	Fairfield	0.81	181	P	S	Pb	20 06 48.5	+1.0
FAIS	Fairfield	0.81	181	P	S	Sb	20 06 37.5	+0.5
LHFS	Hutt Central	0.82	183	P	S	Pb	20 06 49.3	+1.4
LHFS	Hutt Central	0.82	183	P	S	Sb	20 06 37.6	+0.5
PTOS	Petone Overbri	0.83	185	P	S	Pb	20 06 49.3	+1.4
PTOS	Petone Overbri	0.83	185	P	S	Sb	20 06 37.6	+0.5
PGMS	Petone Municip	0.83	184	P	S	Pb	20 06 49.3	+1.4
PGMS	Petone Municip	0.83	184	P	S	Sb	20 06 37.6	+0.5
PCMS	Petone Victori	0.83	184	P	S	Pb	20 06 49.3	+1.4
PCMS	Petone Victori	0.83	184	P	S	Sb	20 06 37.6	+0.5
WANS	Wainuimata Hi	0.84	181	P	S	Pb	20 06 49.1	+1.0
WANS	Wainuimata Hi	0.84	181	P	S	Sb	20 06 37.4	0.0
LIRS	Lower Hutt IRL	0.84	182	P	S	Pg	20 06 48.9	+0.9
LIRS	Lower Hutt IRL	0.84	182	P	S	Sb	20 06 37.4	0.0
LIRS	Tiraumea	0.84	110	P	S	Pb	20 06 49.2	+0.1
LIRS	Tiraumea	0.84	110	P	S	Sb	20 06 38.0	0.0
TRMS	Lower Hutt GNS	0.84	182	P	S	Pb	20 06 48.7	+0.3
TRMS	Lower Hutt GNS	0.84	182	P	S	Sg	20 06 37.5	0.0
INSS	Newlands	0.84	187	P	S	Pg	20 06 49.2	+1.0
INSS	Newlands	0.84	187	P	S	Sb	20 06 37.8	+0.5
NEWS	Wainuimata Ar	0.85	180	P	S	Pb	20 06 49.2	+0.9
NEWS	Wainuimata Ar	0.85	180	P	S	Sb	20 06 37.8	+0.5
ARKS	Makura Bunker	0.85	193	P	S	Pb	20 06 49.4	+0.4
ARKS	Makura Bunker	0.85	193	P	S	Sg	20 06 38.0	+0.6
MKBS	Seaview	0.85	183	P	S	Pb	20 06 49.5	+1.0
MKBS	Seaview	0.85	183	P	S	Sb	20 06 37.9	+0.4
SEAV	Point Howard	0.86	182	P	S	Pb	20 06 48.8	-0.3
SEAV	Point Howard	0.86	182	P	S	Sb	20 06 39.1	+0.6
PHHS	Mangaweka Scho	0.87	48	P	S	Pn	20 06 51.9	+1.2
PHHS	Mangaweka Scho	0.87	48	P	S	Sb	20 06 37.6	-0.4
MNGS	Mount Morrison	0.87	152	P	S	Pg	20 06 49.1	+0.1
MNGS	Mount Morrison	0.87	152	P	S	Sb	20 06 39.0	+0.1
MTW	Dunnevirke Hig	0.90	78	P	S	Pb	20 06 53.4	+2.0
MTW	Dunnevirke Hig	0.90	78	P	S	Sb	20 06 38.6	+0.5
WEL	Wellington Ten	0.91	188	P	S	Pb	20 06 50.9	+0.4
WEL	Wellington Ten	0.91	188	P	S	Sg	20 06 39.0	+0.2
WTYS	Torrens Terrac	0.92	188	P	S	Pb	20 06 51.0	+0.1
WTYS	Torrens Terrac	0.92	188	P	S	Sg	20 06 39.5	+0.2
WNHS	Wellington Hig	0.92	188	P	S	Pb	20 06 51.0	+0.1
WNHS	Wellington Hig	0.92	188	P	S	Sg	20 06 39.5	+0.2
DVHZ	Dannevirke	0.93	85	P	S	Pb	20 06 52.5	+0.2
DVHZ	Dannevirke	0.93	85	P	S	Sb	20 06 39.5	+0.3
SEAW	Seaton School	0.94	185	P	S	Pb	20 06 54.1	+1.1
SEAW	Seaton School	0.94	185	P	S	Sb	20 06 40.0	+0.2
THHS	Taihape Hospit	0.95	43	P	S	Pb	20 06 54.1	+1.1
THHS	Taihape Hospit	0.95	43	P	S	Sb	20 06 40.0	+0.2
TCW	Tory Channel	0.96	212	P	S	Pb	20 06 52.5	+0.8
TCW	Tory Channel	0.96	212	P	S	Sb	20 06 40.1	-0.5
TMWZ	Te Maipa	1.01	135	P	S	Pb	20 06 47.0	0.0
TMWZ	Te Maipa	1.01	135	P	S	Sb	20 06 41.7	+1.2
BHW	Baring Head	1.02	183	P	S	Pb	20 06 57.0	+2.6
BHW	Baring Head	1.02	183	P	S	Sb	20 06 40.5	-0.1
LREZ	Lake Rotokare	1.02	335	P	S	Pb	20 06 40.5	-0.1
LREZ	Lake Rotokare	1.02	335	P	S	Sb	20 06 40.1	+0.3
BFZ	Birch Farm	1.03	107	P	S	Pb	20 06 41.4	+0.3
BFZ	Birch Farm	1.03	107	P	S	Sb	20 06 41.4	+0.3
ORCS	Ohakune Ruapeh	1.04	20	P	S	Pb	20 06 41.4	+0.3
ORCS	Ohakune Ruapeh	1.04	20	P	S	Sb	20 06 41.4	+0.3
DUSW	Mokua Station	1.05	160	P	S	Pb	20 06 41.4	+0.3
DUSW	Mokua Station	1.05	160	P	S	Sb	20 06 41.4	+0.3
PAWZ	Paruwai Farm	1.05	64	P	S	Pb	20 06 56.5	+0.8
PAWZ	Paruwai Farm	1.05	64	P	S	Sb	20 06 42.1	+0.7
PNHZ	Pukenui	1.07	64	P	S	Pb	20 06 42.5	+0.4
PNHZ	Pukenui	1.07	64	P	S	Sb	20 06 36.5	-0.4
PNHZ	Mangateitei	1.08	22	P	S	Pb	20 06 42.7	-0.4
PNHZ	Mangateitei	1.08	22	P	S	Sb	20 06 42.1	-0.3
QCQS	Picton Queen C	1.13	118	P	S	Pb	20 06 42.1	-0.3
QCQS	Picton Queen C	1.13	118	P	S	Sb	20 06 42.9	-0.6
PKVZ	Pokaka	1.14	116	P	S	Pb	20 06 41.7	-0.9
PKVZ	Pokaka	1.14	116	P	S	Sb	20 06 43.3	-0.3
TRWZ	Traveller	1.15	151	P	S	Pb	20 06 41.8	-1.0
TRWZ	Traveller	1.15	151	P	S	Sb	20 06 42.7	-0.4
MOVZ	Moawhango	1.16	32	P	S	Pb	20 06 42.9	-0.6
MOVZ	Moawhango	1.16	32	P	S	Sb	20 06 42.9	-0.6
ANWZ	Angora Road	1.17	94	P	S	Pb	20 06 41.7	-0.9
ANWZ	Angora Road	1.17	94	P	S	Sb	20 06 42.9	-0.6
HUKS	Huikama Schoo	1.17	345	P	S	Pb	20 06 43.3	-0.3
HUKS	Huikama Schoo	1.17	345	P	S	Sb	20 06 41.8	-1.0
WAKS	Wakarara Rang	1.17	59	P	S	Pb	20 06 42.7	-0.4
WAKS	Wakarara Rang	1.17	59	P	S	Sb	20 06 41.8	-1.0
PLWZ	Palliser	1.20	169	P	S	Pb	20 06 42.7	-0.4
PLWZ	Palliser	1.20	169	P	S	Sb	20 06 42.7	-0.4
NWFS	Ngawi Fire Sta	1.21	170	P	S	Pb	20 06 43.2	0.0
NWFS	Ngawi Fire Sta	1.21	170	P	S	Sb	20 06 43.9	-0.5
PREZ	Palmer Road	1.21	330	P	S	Pb	20 06 42.5	+0.4
PREZ	Palmer Road	1.21	330	P	S	Sb	20 07 16.2	+0.2
TUWZ	Tukino	1.25	26	P	S	Pb	20 06 44.7	-0.8
TUWZ	Tukino	1.25	26	P	S	Sb	20 06 45.2	-0.5
VRZ	Vera Road	1.27	353	P	S	Pb	20 07 04.2	+1.8
VRZ	Vera Road	1.27	353	P	S	Sb	20 06 44.7	+0.6
NMEZ	Namu Road	1.28	319	P	S	Pb	20 06 52.3	-0.2
NMEZ	Namu Road	1.28	319	P	S	Sb	20 07 16.2	+0.2
NMEZ	Tuamarina	1.29	216	P	S	Pb	20 07 01.6	-2.1
NMEZ	Tuamarina	1.29	216	P	S	Sb	20 07 05.9	-3.1
TUWZ	Quartz Range	1.91	256	P	S	Pb	3.9nm, 0.3s, baz=232, slow=7.4, SNR=12	
QRZ	Quartz Range	1.91	256	P	S	Sb	3.9nm, 0.3s, baz=232, slow=7.4, SNR=12	
GRZ	Urewera	2.71	39	Pn	Pg	Pb	4.2nm, 0.3s, baz=232, slow=7.4, SNR=12	
GRZ	Urewera	2.71	39	Pn	Pg	Sb	4.2nm, 0.3s, baz=232, slow=7.4, SNR=12	
URZ	Urewera	2.71	39	Pn	Pg	Pb	3.9nm, 0.3s, baz=232, slow=7.4, SNR=12	
URZ	Urewera	2.71	39	Pn	Pg	Sb	3.9nm, 0.3s, baz=232, slow=7.4, SNR=12	
URZ	Urewera	2.71	39	Pn	Pg	Pb	6.7nm, 0.3s, baz=66, slow=13, SNR=5.1	
URZ	Urewera	2.71	39	Pn	Pg	Sb	6.7nm, 0.3s, baz=66, slow=13, SNR=5.1	
ASAR	Alice Springs	36.21	283	P	P	P	13nm, 0.9s	
ASAR	Alice Springs	36.21	283	P	P	Sb	0.2nm, 0.4s, baz=120, slow=7.3, SNR=8.4	
WRA	Warramunga Arr	40.16	288	P	P	P	0.2nm, 0.4s	
WRA	Warramunga Arr	40.16	288	P	P	Sb	0.4nm, 0.7s	
BRTR	Keskin Array B	150.54	281	PKPbc	PKPbc	PKPbc	0.6nm, 0.9s, baz=29, slow=3.3, SNR=2.7	
BRTR	Keskin Array B	150.54	281	PKPbc	PKPbc	PKPbc	0.6nm, 0.9s, baz=29, slow=3.3, SNR=2.7	
TORD	Torodi Ar. Bea	152.22	194	PKPbc	PKPbc	PKPbc	0.4nm, 0.5s, baz=176, slow=2.7, SNR=2.5	
TORD	Torodi Ar. Bea	152.22	194	PKPbc	PKPbc	PKPbc	0.4nm, 0.5s, baz=176, slow=2.7, SNR=2.5	

IDI	Anoyia	1.36	333	P	S	Sn	20 29 25.1	+0.9
IDI	Anoyia	1.36	333	P	S	Pn	20 29 03.6	-1.8
IDI	Anoyia	1.36	333	P	S	Sn	20 29 21.7	-0.7
GVD	Gavdhos	1.49	301	Pn	Pn	Pn	20 29 04.7	-0.6
GVD	Gavdhos	1.49	301	Pn	Pn	Pb	20 29 08.0	+0.9
GVD	Gavdhos	1.49	301	Pn	Pn	Sb	20 29 08.0	+0.9
GVD	Gavdhos	1.49	301	Pn	Pn	Pb	20	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RONA Rosalia, Austr, CONA Conrad Observa, GERES GRESS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRHZ Kereru, VRZ Vera Road, NMEZ Namu Road, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STOK Stokkvaagen, STOK ARCES, ARCES ARCESS Array B, etc.

IDC 24.20:47:13.4+1.3, 40.64S:174.98E, h0km, mb3.6/2, mbtmp3.6/3, ML2.9/1, Error ellipse: s-maj=45.5km

NOU 24.20:47:22.5, 40.48S:175.03E, h69km, MLv3.9/13, North Island, New Zealand

WEL 24.20:47:23.5+0.2, 40.52S:175.21E, h29km, 3km, M4.0/22, ML4.0/22, MLv4.0/22, Error ellipse: s-maj=3.5km

ISC 24.20:47:22.4+0.8, 40.45S:175.01E, h0.03, h60km, 5km, n171, 0.19/199, North Island

IDC 24.21:10:21.0+0.9, 36.34S:97.26W, h0km, mb4.1/10, mbtmp4.1/10, MS3.7/12, Error ellipse: s-maj=27.8km

NEIC 24.21:10:24.7+1.6, 36.25S:0.1, 97.1W:0.2, h10km, 1km, mb4.7/50, Error ellipse: s-maj=24.0km s-min=17.7km

GCMT 24.21:10:25.7+0.6, 36.34S:0.03, 97.23W:0.03, h15km, 2km, MW4.8/73, Moment Tensor Solution, s-c9, s73, c92

Duration: 0 Moment tensor: Scale 10^18Nm; Mr-0.31; 12; Mw-0.38; 11; Mw0-0.92; 42; Best double couple: M2.01000x10^16

NP1: 0.86, 0.00000; 0.84, 0.00000; 1.75, 0.00000; NP2: 0.85, 0.00000; 0.85, 0.00000; 1.26, 0.00000; Principal axes: T=2.3300, P=1.210000, Az=55.00000; N=0.6390; P=1.6910, Az=198.0000; P=-1.6910, P=15.0000; Az=320.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 24.21:10:23.7+0.6, 36.21S:0.09, 97.1W:0.1, h10km, n99, 0.196/86, mb4.6/31, MS3.18/12, 3D, West Chile Rise

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FXBS Foxton Beach S, HOCs Levin Horowhen, OTKS Otaki School, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRHZ Kereru, VRZ Vera Road, NMEZ Namu Road, etc.

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like STOK Stokkvaagen, STOK ARCES, ARCES ARCESS Array B, etc.

24d 21h

Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, and various station details like CPUP, Villa Florida, San Ignacio, etc.

NOU 24.1:14:05.4, 40.51S:174.94E, h28km, Mlv3.5/12, Cook Strait, New Zealand
WEL 24.1:14:05.2, 0.3, 40.52S:177.5E, h28km, 3km, M3.1/19, M3.1/22, Mlv3.1/19, Error ellipse: s-maj=3.3km

Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, and station details for stations like FOXBS, HOCS, OTKS, etc.

2020 MAY

Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, and station details for stations like PRWZ, MKBS, PHHS, etc.

ICD 24.1:27:01.3, 5, 34.86N:20.34E, h0km, mb3.7/4, mbmp3.6/8, M3.1/4, MS3.7/2, Error ellipse: s-maj=107.5km s-min=31.6km az=176.0

Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, and station details for stations like MTHA, ITM, ANKY, etc.

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Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, and station details for stations like BRTR, MMAI, KBZ, etc.

IDC 24.1:36:49.6, 1.9, 5.46S:146.67E, h144km, 17km, mb4.0/17, mtimp4.5/22, MS2.3/1, Error ellipse: s-maj=20.4km

NEIC 24.1:36:49.8, 1.8, 5.40S:146.56E, h129km, 5km, mb4.5/62, Error ellipse: s-maj=14.0km s-min=8.9km az=58.0

Table with columns: Code, Station Name, A° AZ, Phase ID, Time Res, and station details for stations like PMG, PMG, PMG, etc.

USRK	comp=Z,14nm,1.2s	51.09 347	P	P	21 45 38.6 +0.5
HNS	comp=Z,2.7nm,0.5s,baz=176,slow=7.5,SNR=6.0	51.91 328	↑P	pmax	21 45 44.8 +0.5
HNS	comp=Z,26nm,0.8s		LR	LR	
HNS	comp=N,170nm,20.6s		LR	LR	
CMAR	comp=Z,2.70nm,24.3s	52.58 298	P	P	21 45 50.4 +0.7
CMAR	comp=Z,0.8nm,0.3s,baz=118,slow=6.2,SNR=8.6	52.58 298	P	P	21 45 49.7 0.0
XAN	comp=Z,0.8nm,0.3s	52.94 321	↑P	pmax	21 45 51.9 -0.2
XAN	comp=Z,19nm,1.0s	53.71 343	↑P	pmax	21 45 57.8 +0.4
BNX	comp=Z,5.0nm,1.0s	53.74 308	P	P	21 46 00.6 +2.4
PZH	comp=Z,3.7nm,0.8s	56.09 328	eP	pmax	21 46 15.9 +1.0
HHC	comp=Z,1.1nm,0.6s		pmax	pmax	
HHC	comp=Z,7.3nm,4.4s	57.47 319	eP	pP	21 46 24.0 -0.8
LZH	comp=Z,1.4nm,1.0s		pP	pmax	21 46 49.6 -4.1
LZH	comp=N,170nm,18.9s		LR	LR	
LZH	comp=E,180nm,19.9s		LR	LR	
LZH	comp=Z,200nm,21.0s		LR	LR	
PEA0B	comp=Z,2.1nm,0.7s,baz=154,slow=7.2,SNR=12	59.05 8	P	P	21 46 35.7 +0.5
PETK	comp=Z,2.1nm,0.7s	59.05 8	P	P	21 46 36.2 +1.0
HILR	comp=Z,5.9nm,0.6s,baz=142,slow=7.5,SNR=6.4	59.49 340	P	P	21 46 38.6 +0.3
GTA2	comp=Z,4.0nm,0.9s	62.08 320	P	pmax	21 46 56.8 +0.6
GTA2	comp=N,130nm,17.5s		LR	LR	
GTA2	comp=E,110nm,18.2s		LR	LR	
GTA2	comp=Z,140nm,21.3s		LR	LR	
ULN	comp=Z,7.4nm,0.8s	63.38 331	IAMB	IAMB	21 47 04.8 +0.1
ULN	comp=Z,3.7nm,0.8s		IAMB	IAMB	21 47 07.1 +0.5
SOMM	comp=Z,3.7nm,0.8s	63.67 331	P	P	21 47 06.5 -0.1
SOMM	comp=Z,7.5nm,1.4s	63.67 331	IAMB	IAMB	21 47 08.9
CASY	comp=Z,4.9nm,0.8s	65.71 195	P	IAMB	21 47 19.7 +0.4
CASY	comp=Z,4.9nm,0.8s		IAMB	IAMB	21 47 20.4
EVN	comp=Z,6.7nm,1.0s	66.41 304	P	P	21 47 24.7 -0.6
UNV	comp=Z,3.7nm,0.8s	70.89 27	P	P	21 47 53.0 +1.2
SPIA	comp=Z,1.9nm,0.5s,baz=350,slow=6.2,SNR=12	71.53 23	P	P	21 47 57.1 +1.6
VNDA	comp=Z,1.9nm,0.5s	72.53 177	P	P	21 47 59.1 -2.1
VNDA	comp=Z,1.9nm,0.5s	72.53 177	P	P	21 48 02.1 +0.8
SDPT	comp=Z,1.9nm,0.5s	74.59 28	P	P	21 48 15.4 +1.7
CHNA	comp=Z,1.9nm,0.5s	74.73 29	P	P	21 48 15.9 +1.5
M11K	comp=Z,1.9nm,0.5s	75.26 22	P	P	21 48 18.9 +1.5
S14K	comp=Z,1.9nm,0.5s	75.55 28	P	P	21 48 20.7 +1.5
GAMB	comp=Z,1.9nm,0.5s	75.75 18	P	P	21 48 21.9 +1.9
CHGN	comp=Z,1.9nm,0.5s	76.09 28	P	P	21 48 23.6 +1.4
M13K	comp=Z,1.9nm,0.5s	76.37 23	P	P	21 48 25.2 +1.6
O14K	comp=Z,1.9nm,0.5s	76.50 25	P	P	21 48 25.3 +0.9
O14K	comp=Z,1.9nm,0.5s	76.50 25	P	P	21 48 25.8 +1.3
N14K	comp=Z,1.9nm,0.5s	76.73 24	P	P	21 48 27.3 +1.6
MKAR	comp=Z,1.7nm,0.7s,baz=102,slow=7.2,SNR=19	76.76 321	P	P	21 48 25.7 -0.5
K13K	comp=Z,1.7nm,0.7s	76.83 21	P	P	21 48 27.6 +1.4
MAKZ	comp=Z,1.7nm,0.7s	76.96 320	P	P	21 48 26.8 -0.5
O15K	comp=Z,1.7nm,0.7s	77.05 26	P	IAMB	21 48 28.8 +1.2
O15K	comp=Z,10.0nm,1.1s	77.06 25	P	P	21 48 30.5
O15K	comp=Z,10.0nm,1.1s	77.06 25	P	P	21 48 29.3 +1.6
M14K	comp=Z,9.7nm,0.7s	77.12 23	P	P	21 48 29.6 +1.8
M14K	comp=Z,9.7nm,0.7s	77.12 23	P	P	21 48 29.1 +1.3
CHIR	comp=Z,9.7nm,0.7s	77.18 29	P	P	21 48 29.6 +1.3
L14K	comp=Z,9.7nm,0.7s	77.20 23	P	IAMB	21 48 29.5 +1.2
L14K	comp=Z,9.7nm,0.7s	77.20 23	P	P	21 48 30.6
L14K	comp=Z,9.7nm,0.7s	77.20 23	P	P	21 48 29.4 +1.2
N15K	comp=Z,9.7nm,0.9s	77.52 24	P	IAMB	21 48 31.7 +1.5
N15K	comp=Z,9.7nm,0.9s	77.52 24	P	IAMB	21 48 32.6
N15K	comp=Z,9.7nm,0.9s	77.52 24	P	P	21 48 31.5 +1.3
M15K	comp=Z,9.7nm,0.9s	77.59 24	P	P	21 48 31.6 +1.1
R17L	comp=Z,9.7nm,0.9s	77.75 28	P	P	21 48 32.4 +0.8
P16K	comp=Z,9.7nm,0.9s	77.77 26	P	P	21 48 32.0 +0.5
L15K	comp=Z,9.7nm,0.9s	77.86 23	P	P	21 48 32.7 +0.8
O16K	comp=Z,5.7nm,0.7s	78.03 25	P	IAMB	21 48 33.9 +0.9
O16K	comp=Z,5.7nm,0.7s	78.03 25	P	IAMB	21 48 34.4
O16K	comp=Z,5.7nm,0.7s	78.03 25	P	P	21 48 33.8 +0.9
TNA	comp=Z,5.7nm,0.7s	78.16 18	P	P	21 48 34.0 +0.4
K15K	comp=Z,5.7nm,0.7s	78.21 22	P	IAMB	21 48 35.1 +1.2
K15K	comp=Z,5.7nm,0.7s	78.21 22	P	IAMB	21 48 36.4
K15K	comp=Z,5.7nm,0.7s	78.21 22	P	P	21 48 34.7 +0.8
N16K	comp=Z,5.7nm,0.7s	78.24 24	P	P	21 48 34.8 +0.7
SII	comp=Z,5.7nm,0.7s	78.24 29	P	P	21 48 35.0 +0.8
ZALV	comp=Z,1.7nm,0.4s,baz=118,slow=5.8,SNR=9.9	78.27 328	P	P	21 48 32.9 -1.6
ZALV	comp=Z,1.7nm,0.4s	78.27 328	P	P	21 48 33.9 -0.6
ANM	comp=Z,1.7nm,0.4s	78.29 19	P	P	21 48 35.4 +1.0
M16K	comp=Z,6.6nm,0.8s	78.47 24	P	IAMB	21 48 36.7 +1.3
M16K	comp=Z,6.6nm,0.8s	78.47 24	P	IAMB	21 48 37.7
M16K	comp=Z,6.6nm,0.8s	78.47 24	P	P	21 48 36.1 +0.7
KDJ	comp=Z,6.6nm,0.8s	78.56 315	P	P	21 48 36.2 -0.3
O17K	comp=Z,6.6nm,0.8s	78.56 25	P	P	21 48 36.6 +0.7
F14K	comp=Z,6.6nm,0.8s	78.59 18	P	P	21 48 36.7 +0.7
L16K	comp=Z,7.2nm,1.0s	78.66 23	P	IAMB	21 48 37.4 +1.0
L16K	comp=Z,7.2nm,1.0s	78.66 23	P	IAMB	21 48 38.5
L16K	comp=Z,7.2nm,1.0s	78.66 23	P	P	21 48 37.0 +0.6
Q18K	comp=Z,7.2nm,1.0s	78.89 27	P	P	21 48 38.5 +0.6
N17K	comp=Z,7.2nm,1.0s	78.92 25	P	P	21 48 39.3 +1.4

N17K	comp=Z,12nm,1.4s	78.92 25	P	P	21 48 38.7 +0.8
OHAK	comp=Z,12nm,1.4s	78.99 29	P	P	21 48 39.1 +0.9
J16K	comp=Z,12nm,1.4s	79.15 22	P	IAMB	21 48 40.2 +1.2
J16K	comp=Z,12nm,1.4s	79.15 22	P	IAMB	21 49 22.5
J16K	comp=Z,12nm,1.4s	79.15 22	P	P	21 48 39.9 +0.9
P18K	comp=Z,12nm,1.4s	79.17 26	P	P	21 48 40.0 +0.7
F15K	comp=Z,12nm,1.4s	79.27 18	P	P	21 48 40.8 +1.1
F15K	comp=Z,12nm,1.4s	79.27 18	P	P	21 48 40.8 +1.1
M17K	comp=Z,12nm,1.4s	79.29 24	P	P	21 48 40.9 +1.0
L17K	comp=Z,12nm,1.4s	79.36 23	P	P	21 48 41.1 +0.9
H16K	comp=Z,12nm,1.4s	79.39 20	P	P	21 48 41.0 +0.7
O18K	comp=Z,12nm,1.4s	79.41 26	P	P	21 48 41.5 +0.9
I17K	comp=Z,12nm,1.4s	79.47 21	P	P	21 48 41.7 +1.0
BOOM	comp=Z,12nm,1.4s	79.54 315	P	P	21 48 41.6 -0.3
N18K	comp=Z,12nm,1.4s	79.55 25	P	P	21 48 42.2 +0.8
KDAA	comp=Z,12nm,1.4s	79.59 28	P	P	21 48 42.8 +1.3
Q19K	comp=Z,12nm,1.4s	79.65 27	P	P	21 48 43.0 +1.1
K17K	comp=Z,12nm,1.4s	79.68 23	P	P	21 48 43.3 +1.4
J17K	comp=Z,12nm,1.4s	79.77 22	P	IAMB	21 48 43.9 +1.5
J17K	comp=Z,12nm,1.4s	79.77 22	P	IAMB	21 48 44.5
J17K	comp=Z,12nm,1.4s	79.77 22	P	P	21 48 43.6 +1.2
O19K	comp=Z,12nm,1.4s	79.97 26	P	P	21 48 44.5 +1.0
M18K	comp=Z,12nm,1.4s	80.00 24	P	P	21 48 44.8 +1.1
L18K	comp=Z,12nm,1.4s	80.03 23	P	IAMB	21 48 45.2 +1.3
L18K	comp=Z,12nm,1.4s	80.03 23	P	IAMB	21 48 46.9
L18K	comp=Z,12nm,1.4s	80.03 23	P	P	21 48 44.9 +1.0
P19K	comp=Z,12nm,1.4s	80.18 27	P	P	21 48 45.7 +0.9
N19K	comp=Z,12nm,1.4s	80.21 25	P	P	21 48 45.9 +1.0
H17K	comp=Z,12nm,1.4s	80.26 20	P	IAMB	21 48 46.5 +1.0
H17K	comp=Z,12nm,1.4s	80.26 20	P	IAMB	21 48 47.7
H17K	comp=Z,12nm,1.4s	80.26 20	P	P	21 48 47.1 +1.5
G17K	comp=Z,12nm,1.4s	80.45 20	P	P	21 48 47.5 +1.4
KURK	comp=Z,12nm,1.4s	80.47 323	P	P	21 48 46.3 -0.1
KURB	comp=Z,12nm,1.4s	80.49 323	P	P	21 48 45.4 -1.2
O20K	comp=Z,12nm,1.4s	80.66 26	P	P	21 48 48.4 +1.1
L19K	comp=Z,12nm,1.4s	80.75 24	P	IAMB	21 48 48.3 +0.6
L19K	comp=Z,12nm,1.4s	80.75 24	P	IAMB	21 48 49.8
L19K	comp=Z,12nm,1.4s	80.75 24	P	P	21 48 48.6 +0.8
C16K	comp=Z,12nm,1.4s	80.75 16	P	IAMB	21 48 47.6 +0.1
C16K	comp=Z,12nm,1.4s	80.75 16	P	IAMB	21 49 17.8
C16K	comp=Z,12nm,1.4s	80.75 16	P	P	21 48 49.0 +1.4
M19K	comp=Z,12nm,1.4s	80.80 24	P	P	21 48 49.2 +1.2
F17K	comp=Z,12nm,1.4s	80.82 19	P	P	21 48 49.4 +1.5
HOM	comp=Z,12nm,1.4s	80.90 27	P	P	21 48 49.0 +0.5
E17K	comp=Z,12nm,1.4s	81.03 18	P	P	21 48 49.7 +0.7
H18K	comp=Z,12nm,1.4s	81.03 21	P	P	21 48 49.5 +0.4
H18K	comp=Z,12nm,1.4s	81.03 21	P	P	21 48 50.2 +1.0
D17K	comp=Z,12nm,1.4s	81.03 17	P	P	21 48 50.0 +0.9
RDOG	comp=Z,12nm,1.4s	81.31 17	P	P	21 48 51.4 +0.9
GCSA	comp=Z,12nm,1.4s	81.33 21	P	P	21 48 51.4 +0.7
BRSE	comp=Z,12nm,1.4s	81.34 27	P	P	21 48 51.6 +0.6
G18K	comp=Z,12nm,1.4s	81.35 20	P	P	21 48 51.2 +0.3
SPCR	comp=Z,12nm,1.4s	81.37 25	P	P	21 48 51.7 +0.6
J19K	comp=Z,12nm,1.4s	81.39 22	P	P	21 48 52.2 +1.1
F18K	comp=Z,12nm,1.4s	81.43 19	P	P	21 48 52.0 +0.9
E18K	comp=Z,12nm,1.4s	81.61 18	P	P	21 48 52.7 +0.5
CAPN	comp=Z,12nm,1.4s	81.62 26	P	P	21 48 52.8 +0.5
K20K	comp=Z,12nm,1.4s	81.66 23	P	P	21 48 52.8 +0.3
H19K	comp=Z,12nm,1.4s	81.90 21	P	P	21 48 54.1 +0.4
SKT	comp=Z,12nm,1.4s	82.02 25	P	P	21 48 55.3 +0.9
G19K	comp=Z,12nm,1.4s	82.02 20	P	P	21 48 54.7 +0.3
J20K	comp=Z,12nm,1.4s	82.04 22	P	P	21 48 55.0 +0.5
SEW	comp=Z,12nm,1.4s	82.09 27	P	P	21 48 55.3 +0.6
O22K	comp=Z,12nm,1.4s	82.13 27	P	P	21 48 55.8 +0.8
F19K	comp=Z,12nm,1.4s	82.17 19	P	P	21 48 55.7 +0.6
C18K	comp=Z,12nm,1.4s	82.18 17	P	P	21 48 55.5 +0.3
PPLA	comp=Z,12nm,1.4s	82.18 24	P	P	21 48 55.7 +0.3
I20K	comp=Z,12nm,1.4s	82.23 22	P	P	21 48 55.2 -0.2
RC01	comp=Z,12nm,1.4s	82.39 26	P	P	21 48 56.0 -0.4
CAST	comp=Z,12nm,1.4s	82.47 23	P	P	21 48 56.9 +0.1
CHUM	comp=Z,12nm,1.4s	82.60 23	P	P	21 48 57.5 +0.2
E19K	comp=Z,12nm,1.4s	82.70 19	P	P	21 48 57.7 -0.1
CUT	comp=Z,12nm,1.4s	82.74 25	P	P	21 48 58.6 +0.5
PMR	comp=Z,12nm,1.4s	82.87 26	P	P	21 48 59.4 +0.6
C19K	comp=Z,12nm,1.4s	82.92 17	P	P	21 48 59.7 +0.8
F20K	comp=Z,12nm,1.4s	82.97 20	P	P	21 48 59.5 +0.4
D19K	comp=Z,12nm,1.4s	83.00 18	P	P	21 48 60.0 +0.5
KNK	comp=Z,12nm,1.4s	83.08 26	P	P	21 49 00.0 0.0
A19K	comp=Z,12nm,1.4s	83.16 16	P	P	21 49 00.7 +0.6
TRF	comp=Z,12nm,1.4s	83.20 24	P	P	21 49 00.6 -0.1
Q23K	comp=Z,12nm,1.4s	83.25 28	P	P	21 49 01.4 +0.7
H21K	comp=Z,12nm,1.4s	83.27 21	P	P	21 49 01.8 +0.9
SML	comp=Z,12nm,1.4s	83.30 26	P	P	21 49 01.7 +0.6
I21K	comp=Z,12nm,1.4s	83.34 22	P	P	21 49 01.9 +0.7
G21K	comp=Z,12nm,1.4s	8			

24d 21h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include S31K Pelican, C26K Camden Bay, G27K Doyon Strip, M29M Somme Creek, etc.

SJA 24.21:40:30.5:0.7, 19:68S:69:48W, h104km, 4km, ML4.0, MW3.9
NEIC 24.21:40:31.8:1.0, 19:67S:0:04:69:50W, 0.05, h102km, 5km, mb4.1/8, ML3.9(GUC), Error ellipse: s-maj=6.7km, s-min=5.6km, az=100.0
GUC 24.21:40:31.6:0.8, 19:65S:69:46W, h98km, 3km, ML3.9
IDC 24.21:40:33.5:2.6, 19:68S:69:04W, h116km, 21km, mb3.6/7, mbmp3.9/10, Error ellipse: s-maj=25.1km, s-min=20.9km, az=79.0
VAO 24.21:40:35.1:0.7, 19:48S:69:10W, h117km, 5km, mb4.2, Presumed earthquake

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include G001 Chusmiza, PB11 IPOC Station P, TA02 Huaiquique, etc.

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Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB12 IPOC Station P, AF01 Chacalluta, PB02 IPOC Station P, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PDAR Pinedale Array, TORD Torodi Ar. Bea, YKA Yellowknife Ar, etc.

IDC 24.21:41:46.1:1.5, 0:30N:98:27E, h0km, mb3.8/9, mbmp3.7/10, ML4.3/1, MS3.4/1, Error ellipse: s-maj=61.1km, s-min=20.0km, az=58.0
DJA 24.21:41:50.1:0.2, 0:2N:2:98E, h10km, M4.5/13, MLV4.5/13
NEIC 24.21:41:52.3:1.7, 0:45N:0:05:98:23E, 0:04, h35km, 1km, mb4.2/12, Error ellipse: s-maj=9.0km, s-min=7.3km, az=188.0
ISC 24.21:41:52.4:0.6, 0:41N:0:05:98:29E, 0:05, h43km, n47, e15162, mb4.0/15, 1C, Northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PBSI Pulau Batu, GSI Gunungsitoli, CMAR Chiang Mai Arr, etc.

24d 22h

ISC 24-22:30:53.1,0.5,34'44N,0'05:70'08E,0'04,h35km,n123, c2524/11,mb4.1/26,MS3.3/4,8C-5D,Southeastern

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, ISC, Time, Res, ISC. Lists stations like KBL, CHGR, JMU, GAR, DRK, TSSA, etc.

2020 MAY

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, ISC, Time, Res, ISC. Lists stations like MKAR, MKAN, EVN, WQW, WMQ, AB31, etc.

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, ISC, Time, Res, ISC. Lists stations like MAW, JMA, YOJ, IRIF, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like Yonaguni jima, National Taiwa, TSMG Majia, etc.

2020 MAY

Main table with columns for station name, frequency, power, and other technical details. Includes stations like TSMG Majia, Yung-k'ang, Chigu Township, etc.

24d 22h

Table with columns for station name, frequency, power, and other technical details. Includes stations like TIA, ENH Enshi, LYN LuoYang, etc.

Table with multiple columns: Station ID, Name, Coordinates, Date, Time, Status, and various numerical values. Includes sub-headers like '2020 MAY' and '24d 22h'. Rows list various river and lake stations such as Anvik River, Kasigliuk River, Tukpahlearik C, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like GRAC Grapevine Rang, KCC Kaiser Creek, PNTR Pine Nut, etc.

IDC 22:42:41.03, 7.2-6.34, 60N:20.32E, h0km, mb3.8/6, mbmp3.6/13, ML3.1/5, MS2.5/2, Error ellipse: s-maj=57.9km s-min=18.6km az=6.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like MTHA Methoni, PVL1 Pylos, PVL2 Pylos, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like ANKY Antikythira Is, ANKY Antikythira Is, ZARO Zacharo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like AXS Araxos, GUR Goura, KLV Kalavryta, etc.

MLR Munteles Rosu 11.38 21 LR comp=N,22nm,1.0s,34.99NR:0.06,20.21E:0.05,h130km,n119, b=253,1/3,ML3.3/5,MS2.5/2, Error ellipse: s-maj=57.9km s-min=18.6km az=6.0

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

NOU 22:44:29.4, 40.51S:175.00E, h77km, MLv4.4/18, Cook Strait, New Zealand

NEIC 22:44:30.3, 1.5, 40.43S:0.04, 174.99E:0.04, h35km, 2km, mb4.2/5, Error ellipse: s-maj=6.8km s-min=4.2km

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like HOWZ Holdsworth Sta, HOWZ Post Office Ro, POWZ Te Marua Water, etc.

Table with columns: Station Name, Azimuth, Phase, Time, Res, ISC. Includes stations like MUGZ, RRRR, UTU, SNZG, etc.

Table with columns: WRR8, WBR0, WRA, WBA, BELA, PMSA, Code, Station Name, Azimuth, Phase, Time, Res, ISC. Includes stations like Warramunga Arr, Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res, ISC. Includes stations like KPKS, MDOK, KOTS, etc.

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res, ISC. Includes stations like HOPE, EFI, VNA1, etc.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like GO05, ARCO, BO04, MT08, ASAL, etc.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like LPAZ, LPZ, LPZ, LPZ, LPZ, etc.

Table with columns for station ID, name, frequency, and other technical details. Includes stations like AAK, ARTI, YKA, BORK, BVAR, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like G26K Porcupine River, K24K Donnelly Dome, J25K Salcha River, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like M19K Big River Lodg, K20K Telida, B22K Teshpek Lake, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ML3.6/24, ML3.5/24, Error ellipse: s-maj=3.8km, etc.

NOU 24 23:54:30.6, 40°54'S: 174°99'E, h59km, MLv3.8/16, Cook Strait, New Zealand

Code Station Name Az Az' Phase ID Time Res ISC

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Table with columns: ICAO, Name, Altitude, Frequency, Mode, and other flight details. Includes entries for MARE, OUEC, DZM, MSVF, etc.

2020 MAY

Table with columns: ICAO, Name, Altitude, Frequency, Mode, and other flight details. Includes entries for NJ2, PETK, DL2, CN2, etc.

25d 0h

Table with columns: ICAO, Name, Altitude, Frequency, Mode, and other flight details. Includes entries for YUH, LRMC, PFO, etc.

25d Oh

Table with columns for station name, frequency, power, and other technical details. Includes stations like ILAR Elision Array, WUAZ Wupatki, BMO Blue Mountains, etc.

2000 MAY

Table with columns for station name, frequency, power, and other technical details. Includes stations like UPC Ujice, MAUC Maruska, GZR Gura Zlata, etc.

1600

Table with columns for station name, frequency, power, and other technical details. Includes stations like KIKV Kanaga Island, PETK Petropavlovsk, MA2 Magadan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LCCM Lewis and Clar, BOZ Bozeman, YHB Horse Butte, etc.

1601 comp=N,29nm,1.2s LCCM Lewis and Clar 2.76 55 Pn 00 14 13.3 +0.5 BOZ Bozeman (W) 2.79 61 IAML 00 14 12.7 -0.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SAUI Saumlaki, BNDI Bandanaira, KRAI Karang Ratu, etc.

SAUI Saumlaki 1.87 140 Op Pn 00 21 33.8 +1.8 BNDI Bandanaira 2.02 355 P Pn 00 21 35.4 +1.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KLNJ Kolanjer, KAZZ Kazerah-Fars-I, IBRJ Brojen, etc.

2020 MAY 03h,0m,0.5s,baz=136,slow=5.5,SNR=2.2 0.3nm,0.5s IDC 25 00:22:02.0.4.2.4.30.54N:50.55E,h0km,mb3.7/9, mbmp3.7/9, Error ellipse: s-maj=52.1km s-min=24.0km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JYTA Yamagataniai, MJAR Matsushiro Arr, MJAR Torodi Arr, etc.

JYTA Yamagataniai 1.99 140 Op Pn 00 35 55.3 +1.2 MJAR Matsushiro Arr 2.50 103 P Pn 00 35 59.0 +1.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OHWZ Ohakea, OHWZ Otaki Gorge, OGWZ Otaki Gorge, etc.

25d Oh 0207.00000°,872.00000°,λ-165.00000°. Principal axes: T 2.0846, Plg3.0000°, Azm160.0000°, N -0.1538, Plg67.0000°, Azm258.0000°, P -1.9308, Plg23.0000°, Azm69.0000°. Stations used: BFZ BZK MRZ NNZ OTVZ

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like QNZ Quartz Range, QNZ Quartz Range, QNZ Quartz Range, etc.

QNZ Quartz Range 1.91 259 S Pn 00 38 57.4 0.0 QNZ Quartz Range 1.91 259 S Pn 00 38 57.4 0.0

25d 1h

2020 MAY

1602

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Urewera, Karaka Road, Urewera, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Rachel, Troy Canyon, Pine Nut, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Pajala, Hetta, Hetta, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, and other technical details. Includes stations like NPS Neapolis, ZKR Zakros, and various Greek and international frequencies.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, and other technical details. Includes stations like KEK Kerkira, CTYL Yalikoy Yolu, KZIT Kziot, and various international frequencies.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, and other technical details. Includes stations like AK08 Malin Array Si, MORC Moravsky Berou, AK02 Malin Array Si, and various international frequencies.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OBN, UCC, MOS, BELG, ESB, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFI, AFJ, MSVF, DZM, PPT, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MLIR3, DVID, JEFFS, etc.

Table with columns: Code, Station Name, Frequency, Modulation, Power, and other technical details for stations 1605.

Table with columns: Code, Station Name, Frequency, Modulation, Power, and other technical details for stations 2020 MAY.

Table with columns: Code, Station Name, Frequency, Modulation, Power, and other technical details for stations 25d 2h.

TAP 25:02:09:58.8,24:36N:121.96E,h20km,ML3.5,B
JMA 25:02:09:58.1,0.1,24:3N,0.5:122.0E,0.3,h27km,2km,
MV2.9/12,TAIWAN REGION
ISC 25:02:09:58.1,0.9,24:32N,0.02:122.04E,0.0:1,h18km,3km,

n133,11906/212,Taiwan region

Table with columns: Code, Station Name, Frequency, Modulation, Power, and other technical details for stations in the Taiwan region.

Table with columns: VCHM, Qime, 2.63 246 eP, Pn, 02 10 40.4 +0.7, S, 02 11 13.4 +2.3, etc.

ICD 25 02:30:27.8: 1.5, 34:28N:25:40E, h0km, mb3.5/5, mbmp3.4/8, ML2.8/3, Error ellipse: s-maj=36.3km

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

ICD 25 02:31:55.2: 1.7, 6:90S:129:31E, h0km, mb4.0/2, mbmp4.1/5, ML4.2/3, Error ellipse: s-maj=80.1km

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

ICD 25 02:41:37.9: 3.8, 4:48S:152:96E, h0km, mb3.6/2, mbmp3.6/2, Error ellipse: s-maj=174.7km

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

ICD 25 02:55:49.9: 0.9, 38:10N:117:94W, h0km, mb2.9/1, mbmp2.8/3, ML3.5/2, MS2.6/2, Error ellipse: s-maj=8.2km

REN 25 02:55:49.9: 0.9, 38:144N:0:007:117:99W:0:02, h12km, 2km, Error ellipse: s-maj=1.9km s-min=0.9km

NEIC 25 02:55:49.9: 38:18N:117:98W, h13km, NEIC 25 02:55:49.9: 1.2, 38:174N:0:01:117:99W:0:01, h12km, 2km, ML3.6/92, ML3.7/87, ML3.8/77(REN), Error ellipse: s-maj=2.3km s-min=0.7km az=215.0, Moment Tensor Solution...

ISC 25 02:55:50.4: 1.1, 38:14N:0:02:117:97W:0:02, h8km, 9km, n95, 0:71/108, Nevada

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

Table with columns: DSP, MLCAC, Mammoth, Mamm, 0.85 233, Sg, 02 56 15.6 +0.3, P, 02 56 07.0 +0.1, etc.

Table with columns: Q09A, Carvers, 0.93 42, P, 02 56 07.7 -0.5, P, 02 56 08.0 0.0, etc.

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

ICD 25 02:31:55.2: 1.7, 6:90S:129:31E, h0km, mb4.0/2, mbmp4.1/5, ML4.2/3, Error ellipse: s-maj=80.1km

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

ICD 25 02:41:37.9: 3.8, 4:48S:152:96E, h0km, mb3.6/2, mbmp3.6/2, Error ellipse: s-maj=174.7km

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

ICD 25 02:55:49.9: 0.9, 38:10N:117:94W, h0km, mb2.9/1, mbmp2.8/3, ML3.5/2, MS2.6/2, Error ellipse: s-maj=8.2km

REN 25 02:55:49.9: 0.9, 38:144N:0:007:117:99W:0:02, h12km, 2km, Error ellipse: s-maj=1.9km s-min=0.9km

NEIC 25 02:55:49.9: 38:18N:117:98W, h13km, NEIC 25 02:55:49.9: 1.2, 38:174N:0:01:117:99W:0:01, h12km, 2km, ML3.6/92, ML3.7/87, ML3.8/77(REN), Error ellipse: s-maj=2.3km s-min=0.7km az=215.0, Moment Tensor Solution...

ISC 25 02:55:50.4: 1.1, 38:14N:0:02:117:97W:0:02, h8km, 9km, n95, 0:71/108, Nevada

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

ICD 25 03:29:30.6: 1.0, 20:48N:66:07W, h0km, mb3.5/7, mbmp3.6/10, ML3.0/3, MS2.7/3, Error ellipse: s-maj=24.8km s-min=21.6km az=91.0

ISC 25 03:29:30.0: 7.0, 20:42N:0:07:66:09W:0:07, h10km, n25, 0:155/30, mb3.5/6, North Atlantic Ocean

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

TEH 25 04:07:27.5: 6.7, 36:79N:54:38E, h7km, 27km, ML3.2, Presumed earthquake

ISC 25 04:07:31.0: 0.9, 36:80N:0:05:54:34E:0:05, h30km, n25, 0:155/30, Northern and Central Iran

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

KRSC 25 04:11:33.4: 1.4, 50:38N:156:36E, h48km, 18km, MI4.0, Kuril Islands

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

NEIC 25 04:16:20.2: 0.2, 80:0S:1:178:5W:0:1, h539km, 7km, mb4.5/28, Error ellipse: s-maj=18.1km s-min=14.4km

ICD 25 04:16:21.6: 1.6, 20:74S:178:62W, h554km, 17km, mb3.2/9, mbmp4.1/11, Error ellipse: s-maj=20.2km s-min=13.7km az=147.0

ISC 25 04:16:20.8: 0.5, 20:8S:0:1:178:59W:0:09, h550km, n66, 0:058/68, mb4.4/22, Fiji Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, MARNC Mare, Loyalty, DZM Mont Dzumac, THZ Topghouse, etc.

ICD 25 04:36:48.3, 1.0, 34.17N:25.60E, h0km, mb3.7/12, mbmp3.7/19, ML3.1/6, MSZ.97, Error ellipse: s-maj=21.4km, s-min=15.2km, az=7.0

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

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

ICD 25 05:00:10.4, 3.5, 54.19N:87.41E, h0km, mbmp2.7/2, ML2.2/2, Error ellipse: s-maj=29.1km, s-min=20.3km, az=48.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DAVOX Davos/Dischmat, RETA Reutte, DAVA Damuels, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SOMN 0.6nm, 0.5s, baz=278, slow=12, SNR=1.6, SCCHO Schefferville, YKA Yetiknife Arr, etc.

ICD 25 05:00:09.0, 0.9, 54.14N:87.20E, h0km, M2.4(MOS), The earthquakes of Russia in 2020. Obninsk, GS RA5, 2022. Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOV INFRA, ZALV Zalesovo Beam, etc.

ICD 25 05:18:32.6, 1.1, 57.88S:139.52W, h0km, mb3.7/4, mbmp3.7/4, MS3.92, Error ellipse: s-maj=54.2km, s-min=30.7km, az=162.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VVDA Vanda, PLCA Paso Flores, H03S2 Juan Fernandez, etc.

ICD 25 05:30:11.2, 3.6, 34.87N:140.99E, h0km, mb3.4/2, mbmp3.7/4, MS3.92, Error ellipse: s-maj=98.8km, s-min=26.7km, az=55.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMA 25 05:30:15.4, 0.2, 35.1N:0.5, 141.0E:0.8, h46km, 3km, etc.

25d 5h

Table with columns: Station Name, Time, Res, Phase ID, Code, Station Name, Δ° AZ', Op, ISC, h m s ISC, Res. Includes stations like BSO1 Boso 1, BSO3 Boso 3, BSO4 Boso 4, etc.

NNC 25 05:31:52.4±0.5, 43.09N; 78.33E, h0km, mb2.8, mpv2.9, Error ellipse: s-maj=4.5km s-min=2.5km az=179.0

SOME 25 05:31:52.9, 43.08N; 78.30E, h5km

KRNET 25 05:31:53.2±0.8, 43.05N; 78.31E, h18km, mb2.3

ISC 25 05:31:53.2±0.8, 43.06N; 78.28E±0.02, h10km, n36, ±146/70, 9C-7D, Lok Issyk-Kul region

Main table of station data for the 25d 5h period, including station names, coordinates, and seismic parameters.

2020 MAY

Table of seismic events for 2020 May, including station names, times, magnitudes, and phases.

AZER 25 05:36:49.8, 38°24'N-48°14'E, h3km, ml3.2

TEH 25 05:36:49.7, 38°12'N-48°01'E, h9km, 26km, ML3.2, Presumed earthquake

ISC 25 05:36:49.4±1.2, 38.15N; 48.03E±0.03, h2km, 11km, n39, ±132/64, Iran-Armenia-Azerbaijan border region

Table of station data for the Azer/TEH event, including station names, coordinates, and seismic parameters.

NOU 25 05:38:12.2, 40°51'S; 175°03'E, h72km, MLv3.6/16, North Island, New Zealand

WEL 25 05:38:13.0±0.3, 40°52'S; 175°5'E, h27km, 3km, M3.2/19, ML3.1/22, MLv3.2/19, Error ellipse: s-maj=4.0km s-min=2.0km az=115.0

ISC 25 05:38:13.7±1.2, 40.44S±0.02; 174.98E±0.03, h45km, 6km, n134, ±0976/160, Cook Strait

Main table of station data for the Nou/Wel event, including station names, coordinates, and seismic parameters.

1608

Table of station data for the 1608 period, including station names, coordinates, and seismic parameters.

RNSC 25 05:38:47.0±0.0, 7°N; 177°3'W, h149km, 1km, M2.7, mb3.4, ML2.4

FUNV 25 05:38:50.2, 7°14'N; 73°18'W, h5km, MW2.5, Presumed earthquake

ISC 25 05:38:46.6±1.4, 6.86N; 03°73'15W±0.05, h153km, 9km, n25, ±151/50, Northern Colombia

Main table of station data for the RNSC/FUNV event, including station names, coordinates, and seismic parameters.

Table with columns: URIC, Uribia, Colomb, 4.94, 13, eP, Pn, 05 39 59.7 +0.3, etc.

NOU 25 05:44:14.0, P -1.40:50S:175.01E, h76km, MLv4.6/23, North Island, New Zealand

NEIC 25 05:44:15.4, 1.0, 40:46S:0:04:174.99E, 0:06, h54km, 10km, mb4.3/3, Mw4.1/11, Error ellipse: s-maj=7.3km

WEL 25 05:44:15.3, 40:43S:174.96E, ML4.3, Mw4.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr=0.54; Mw=0.22

NEIC 25 05:44:15.2, 40:45S:175.00E, h55km, WEL 25 05:44:15.2, 0.2, 40 S:175.0E, h28km, 3km, M4.4/29

IDC 25 05:44:17.0, 3.3, 40:18S:174.97E, h74km, 34km, mb3.6/3, mbmp3.9/4, MS3.5/3, Error ellipse: s-maj=27.5km

ISC 25 05:44:15.0, 0.8, 40:44S:0:02:174.99E, 0:03, h54km, 5km, n261, 0.09/309, mb4.6/6, MS4.0/3, Cook Strait

Main station list table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC

Main station list table with columns: MNGS Mangaweka Scho, DUWZ D'Urville Isla, DUWZ, DVHS Dannevirke Hig, SEAW Seaton School, etc.

Main station list table with columns: LTZ Lake Taylor, LTZ Lake Taylor, RUGZ Raukumara Rang, AMRZ Amberley, etc.

SOME 25 05:46:54.6, 39:42N:74:62E, h5km, KRNET 25 05:47:05.2, 0.1, 39:55N:74:93E, h17km, mb2.7

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

IDC 25 05:45:46.5, 6.9, 31:91S:179:67W, h169km, 52km, mb3.5/3, mbmp4.0/4, Error ellipse: s-maj=58.6km, s-min=23.1km

WEL 25 05:54:52.4, 0.7, 32:58S:178:0W, 2.1, h246km, 14km, MA4.3/11, mb4.6/7, ML4.5/2, ML4.7/11, Mw(mB)3.8/7, Error ellipse: s-maj=28.6km, s-min=3.8km, az=111.0

Main station list table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like ARCES ARCES Array B, RMF Romuvaara, KLF KLF, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like NRIK Nori'sk, ARBKAR Aukuk array, AKTO Aktyubinsk, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, Time, Res, h, m, s, ISC. Includes stations like MKAZ Mousmakai, AWAZ Awituh Peninsu, ETAZ Est Tamaki Re, etc.

DJA 25 10:42:26.9:0.2, 0.2N2'x12'6E", h10km, M4.1/8, MLv4.5/19
IDC 25 10:42:28.6:2.4, 0.42N, 125.41E, h65km, 23km, mb4.0/19, s-min=12.5km az=76.0

ARCES ARCES Array B 93.23 340 P P
ARCES ARCES Array B 93.23 340 P P
SPITS Spitsbergen Ar 93.58 349 P P

IDC 25 11:11:54.3:2.1, 36.12N, 28.74E, h39km, 25km, mb3.5/6, mtbpm3.7/11, ML3.2/4, MS2.9/1, Error ellipse: s-maj=20.8km s-min=15.4km az=173.0

Main table for station 1613, listing station names, coordinates, and operational status. Includes stations like MNI Manado, NNTI Ternate, SAANI Ternate, etc.

Main table for station 2020 MAY, listing station names, coordinates, and operational status. Includes stations like OHWZ Ohakea, OGHW Otaki Gorge, KIW Kapiti Island, etc.

Main table for station 25d 11h, listing station names, coordinates, and operational status. Includes stations like ARG Arkhangelos, ARG Arkhangelos, ARG Arkhangelos, etc.

25d 11h

Table with columns: IDI, Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Anoyia, CSNet OBS 1, Alefka, etc.

2020 MAY

Table with columns: ARCES, ARCESS Array B, Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Makanchi Array, Dimbokro, etc.

1614

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Foxton Beach S, Levin Horowhen, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station data for RA1Z, BKZ, BKX, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station data for AMKA, AMKA, CESW, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station data for TXAR, TXAR, MKAR, etc.

NOU 25 11:42:48.3, 38:59S:175:97E, h161km, MLV4, 1/19, North Island, New Zealand

WEL 25 11:42:50.8, 1:3, 38 S x 177.6E, h137km, 11km, M2.6/26, ML2.3/21, MLV2.6/26, Error ellipse: s-maj=11.4km s-min=9.2km az=12

ISC 25 11:42:46.9, 1.7, 38.46S:105:175.90E:0.05, h172km, g9km, n89, r:134/93, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station data for KUTZ, WPRF, WATZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station data for ATKA, ATKA, ADK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists station data for ZKR, ZKR, ZKR, etc.

NEIC 25 11:52:39.0, 1.9, 51:27N:0:08:179:96W:0.04, h35km, 2km, mb3.9/29, ML3.4/14, ML3.2(AEIC), Error ellipse: s-maj=13.2km s-min=3.0km az=191.0

AEIC 25 11:52:38.5, 2.3, 51:2N:0:1:179:93W:0.05, h26km, 6km, Error ellipse: s-maj=15.2km s-min=4.0km az=186.0

ISC 25 11:52:43.2, 3.4, 51:89N:179:87W, h61km, 29km, mb3.5/6, mbmp3.8/8, ML3.7/2, MS2.5/2, Error ellipse: s-maj=66.2km s-min=17.8km az=80

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, H, m, s, ISC. Rows include KBZ Khabaz, VRAC Vranov, KIEV Kiev, AKASG Malin Array Be, AKASG Malin Array Si, WATA Walderalm, FUORN Otenpass-Fuorn, FETA Feichten, MOTA Mossalm, GERES GERES Array B, DAVOX Davos/Dischmat, DAVOX Davos, RETA Reutte, KHC Kasperske Hory, DAVA Damalets, SENIN Lac Senin/Sane, BFO Black Forest, TAM Tamnarsset, PABE Paberze, ESDC Esch, MDO1 Midelt array s, MD31 Midelt array s, HFS Hagfors, HFS Hagfors, FINES FINES Array B, FINES FINES Array B, FINES FINES Array B, NOA NORAS Array B, EKA Eskdalemuir Ar, AB31 Akbulak array, ABKAR Akbulak array, DSB Dublin, TORD Torodi Ar, MBAR Mbarara, ARCES ARCES Array B, ARCES ARCES Array B, GAR Garm, BVAR Borovoye, ARS ARslanbob, DBIC Dimbokro, DBIC Dimbokro, KURBB Kurchatov, KURK Kurchatov, MAKZ Makanchi Array, ZALV Zalesovo Beam, EVN Everest, TSUM Tsumeb, KAAM Kaadhehdho, SONM Songino Array, C36M Paulatuk, C29K Itkillik River, B21K Itkillik River, E29M Blow River, C16K Utukok River, E25K Arctic Village, E22K Anaktuvuk Pass, G30M tAoh Zraii Nji, YKAW3 Yellowknife Wh, G29M Pine Creek, YKA Yellowknife Ar, KRSR Korea Array, G26K Porcupine River, ILAR Eielson Array, MJAR Matsushiro Arr, IDC 25 12:13:11.0, 1.4, 5.80S, 128.83E, h261km, 23km, mb2.5/1, mbtmp3.8/6, Error ellipse: s-maj=32.4km s-min=14.7km az=100.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, H, m, s, ISC. Rows include FITZ Fitzroy Crossi, WRA Warrunguna Arr, WRA Warrunguna Arr, ASAR Alice Springs, MKAR Makanchi Array, IDC 25 12:19:30.1, 0.8, 52.23N, 174.03E, h0km, mb3.7/14, mbtmp3.8/15, ML4.2/1, Error ellipse: s-maj=19.2km s-min=14.4km az=108.0, KRSZ 25 12:19:35.8, 1.5, 52.42N, 173.44E, h31km, 16km, ML4.2, NEIC 25 12:19:36.4, 1.4, 52.31N, 174.0E, 0.1, h35km, 2km, mb3.8/59, Error ellipse: s-maj=16.1km s-min=12.6km az=157.0, ISC 25 12:19:35.7, 0.6, 52.30N, 0.0, 09:173.85E, 0.05, h37km, n109, 1934/106, mb3.8/39, Near Islands, SHEM Shemya Is, Al, SMI Shemya, SMY Shemya, AMKA Amchitka, BKI Bering, KBTR Krutolegovo, MKZ Mys Kozlova, SPN Mys Shpuzhki, SDLR Sedlovina, UGLR Uglovaya, SMAR Kusivak Mount, AVH Avacha, KRX Arik, KOK Koryaka, RUS Ruskaya, MTRV Mutnovka, GRL Gorelyy, GNL Ganaly, KDR Khodutka, Kamc, ASAK Asacha, PEAB Petropavlovsk, PETK Petropavlovsk, PETK Petropavlovsk, K13K Kusivak Mount, K15K Wolf Creek Mou, M16K Timber Creek, J16K Anvik River, N17K Nusagak Hills, J17K VABM Dome, L16K Granite Mounta, Q19K Cape Douglas, J19K Poorman, ILSW Iliamna Southw, KDAK Kodiak Island, KDAK Kodiak Island, H19K Roundabout Mou, K20K Telida, F19K Shalercruick Mt, J20K Kowlin River, CNPM China Foot, SKT Skwentna, C19K Lookout Ridge, D19K Kuna River, H21K Melozitna Rive, F21K Alatina River, PMR Palmer, H22K Ishlitalina Re, BWN Brown, SML Sawmill, SCM Sheep Creek Mo, E22K Anaktuvuk Pass, CCB Clear Creek Bu, B22K Teshekpuuk Lake, ILAR Eielson Array, PAX Paxson, G24K Hadweenczi R, C23K Itkillik River, C23K Itkillik River, PRP Porcupine Dome, DOT Dot Lake, SCRK Sand Creek, F25K Christian River, MIDW Midway, D25K Kavik River, G26K Porcupine River, F26K Sheenjek River, F26K Sheenjek River, M27K Edge Creek, AK, L27K Beaver Creek, BARN Barnard Glacier, BCAR Beaver Creek, O28M Mount Upton, L29M L29M, HYT Haines Junction, HYT Haines Junction, C36M Paulatuk, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, YKAW3 Yellowknife Wh, YKA Yellowknife Wh, YKAW3 Yellowknife Wh, PDAR Pinedale Array, ULM Lac du Bonnet, ULM Lac du Bonnet, EPLO Experimental L, KURK Kurchatov, KURBB Kurchatov Arr, MKAR Makanchi Array, ARCES ARCES Array B, EYMN Ely, EYMN Ely, TBO Thunder Bay, SCHO Schefferville, TXAR Lajitas Array, TXAR Lajitas Array, FINES FINES Array B, FINES FINES Array B, AB31 Akbulak array, AB31 Akbulak array, ABKAR Akbulak array, FCAR Ozark Folk Cen, MIAR Mount Ida, WHAR Woolly Hollow, NOA NORAS Array B, HFS Hagfors, WRR Warrunguna Arr, WRA Warrunguna Arr, ASAR Alice Springs, SHEL Horse Pasture, SOME 25 12:29:30.3, 43.68N, 69.73E, NNC 25 12:29:30.5, 51.2, 43.70N, 69.69E, h0km, mb3.6, mpv3.2, 2C-1D, Error ellipse: s-maj=6.8km s-min=4.4km az=148.0, Suspected Mining explosion., Central Kazakhstan, BRLS Boroday, BRLS Boroday, KK31 Karatay Array, KK31 Karatay Array, IUG Iuzhnyy, IUG Iuzhnyy, MRKS Merke, MRKS Merke, AAK Ala-Archa, AAK Ala-Archa, IDC 25 13:03:22.6, 1.5, 3.80N, 125.19E, h0km, mb3.8/6, mbtmp3.9/6, Error ellipse: s-maj=122.1km s-min=18.8km az=67.0, ISC 25 13:03:54.7, 1.5, 3.1N, 0.4, 124.3E, 0.8, h300km, n6, 053/6, mb3.5/6, Celebes Sea, Code Station Name, Az, Phase, ID, Time, Res, ISC, H, m, s, ISC. Rows include BRLS Boroday, KK31 Karatay Array, IUG Iuzhnyy, MRKS Merke, AAK Ala-Archa, AAK Ala-Archa, WRA Warrunguna Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, KURBB Kurchatov Arr, NEIC 25 13:17:33.8, 1.6, 24.30S, 0.06, 66.93W, 0.09, h166km, 5km, mb4.5/89, ML4.3(GUC), Error ellipse: s-maj=12.1km s-min=9.4km az=95.0, SJA 25 13:17:33.8, 0.7, 24.31S, 67.06W, h199km, 5km, ML4.1, MV4.1, IDC 25 13:17:34.2, 1.3, 24.18S, 66.81W, h169km, 11km, mb4.1/14, mbtmp4.5/20, MS20.0, Error ellipse: s-maj=15.1km s-min=9.4km az=79.0, GUC 25 13:17:36.0, 0.6, 24.25S, 67.39W, h223km, 6km, ML4.4, VAO 25 13:17:37.0, 0.4, 24.12S, 66.82W, h213km, mb4.5, Presumed earthquake, ISC 25 13:17:34.3, 0.6, 24.27S, 0.03, 67.07W, 0.03, h180km, 5km, n219, 01971228, mb4.4/52, 7C-5D, Chile-Argentina border region, Code Station Name, Az, Phase, ID, Time, Res, ISC, H, m, s, ISC. Rows include SALTA, SALTA, SALTA, SALA San Lorenzo, SALA San Lorenzo, SALA San Lorenzo

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, H, m, s, ISC. Rows include H1N3 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, YKAW3 Yellowknife Wh, YKA Yellowknife Wh, YKAW3 Yellowknife Wh, PDAR Pinedale Array, ULM Lac du Bonnet, ULM Lac du Bonnet, EPLO Experimental L, KURK Kurchatov, KURBB Kurchatov Arr, MKAR Makanchi Array, ARCES ARCES Array B, EYMN Ely, EYMN Ely, TBO Thunder Bay, SCHO Schefferville, TXAR Lajitas Array, TXAR Lajitas Array, FINES FINES Array B, FINES FINES Array B, AB31 Akbulak array, AB31 Akbulak array, ABKAR Akbulak array, FCAR Ozark Folk Cen, MIAR Mount Ida, WHAR Woolly Hollow, NOA NORAS Array B, HFS Hagfors, WRR Warrunguna Arr, WRA Warrunguna Arr, ASAR Alice Springs, SHEL Horse Pasture, SOME 25 12:29:30.3, 43.68N, 69.73E, NNC 25 12:29:30.5, 51.2, 43.70N, 69.69E, h0km, mb3.6, mpv3.2, 2C-1D, Error ellipse: s-maj=6.8km s-min=4.4km az=148.0, Suspected Mining explosion., Central Kazakhstan, BRLS Boroday, BRLS Boroday, KK31 Karatay Array, KK31 Karatay Array, IUG Iuzhnyy, IUG Iuzhnyy, MRKS Merke, MRKS Merke, AAK Ala-Archa, AAK Ala-Archa, IDC 25 13:03:22.6, 1.5, 3.80N, 125.19E, h0km, mb3.8/6, mbtmp3.9/6, Error ellipse: s-maj=122.1km s-min=18.8km az=67.0, ISC 25 13:03:54.7, 1.5, 3.1N, 0.4, 124.3E, 0.8, h300km, n6, 053/6, mb3.5/6, Celebes Sea, Code Station Name, Az, Phase, ID, Time, Res, ISC, H, m, s, ISC. Rows include BRLS Boroday, KK31 Karatay Array, IUG Iuzhnyy, MRKS Merke, MRKS Merke, AAK Ala-Archa, AAK Ala-Archa, WRA Warrunguna Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, KURBB Kurchatov Arr, NEIC 25 13:17:33.8, 1.6, 24.30S, 0.06, 66.93W, 0.09, h166km, 5km, mb4.5/89, ML4.3(GUC), Error ellipse: s-maj=12.1km s-min=9.4km az=95.0, SJA 25 13:17:33.8, 0.7, 24.31S, 67.06W, h199km, 5km, ML4.1, MV4.1, IDC 25 13:17:34.2, 1.3, 24.18S, 66.81W, h169km, 11km, mb4.1/14, mbtmp4.5/20, MS20.0, Error ellipse: s-maj=15.1km s-min=9.4km az=79.0, GUC 25 13:17:36.0, 0.6, 24.25S, 67.39W, h223km, 6km, ML4.4, VAO 25 13:17:37.0, 0.4, 24.12S, 66.82W, h213km, mb4.5, Presumed earthquake, ISC 25 13:17:34.3, 0.6, 24.27S, 0.03, 67.07W, 0.03, h180km, 5km, n219, 01971228, mb4.4/52, 7C-5D, Chile-Argentina border region, Code Station Name, Az, Phase, ID, Time, Res, ISC, H, m, s, ISC. Rows include SALTA, SALTA, SALTA, SALA San Lorenzo, SALA San Lorenzo, SALA San Lorenzo

Table with columns: ID, Name, RA, Dec, Az, El, Type, and other parameters. Includes stations like AF01 San Pedro de A, HJA Humahuaca, and various IOPC and IOPC Station P entries.

Table with columns: ID, Name, RA, Dec, Az, El, Type, and other parameters. Includes stations like BDOQN Bodoquena, PSAL Palomas, BO02 Sierra Bello, and various IOPC and IOPC Station P entries.

Table with columns: ID, Name, RA, Dec, Az, El, Type, and other parameters. Includes stations like TORD Torodi Ar. Bea, PDAR Pinedale Array, ULM Lac du Bonnet, and various IOPC and IOPC Station P entries.

ADC 25 13:47:28.8(-5.2, 21.445, 129.32E, h0km, mbtmp3, 1/3, ML3, 1/3, Error ellipse: s-maj=39.3km s-min=25.9km az=91.0

25d 14h

MAN 25 14:04:22.0, 5.89N, 126.42E, h25km, MS3.3

ISC 25 14:04:11.2, 1.0, 5.73N, 0.07, 126.67E, 0.08, h10km, n12,

e1564/17, mb3.3/5, Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DAVO Davao City (W), DMPH Davao City-Mi, KCP Kidapawan, etc.

ISC 25 14:06:44.6, 1.5, 3.22S, 122.08W, h0km, mb3.9/8, mbmp3.9/8, MS3.4/17, Error ellipse: s-maj=91.6km

NEIC 25 14:06:45.6, 0.8, 3.31S, 0.09, 122.1W, 0.1, h10km, 1km, mb4.8/13, Error ellipse: s-maj=24.2km, s-min=13.9km

ISC 25 14:06:45.1, 0.7, 3.35S, 0.1, 122.2W, 0.2, h10km, n44,

e0585/23, mb4.3/11, MS3.5/16, North of Ascension Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H10N2 ASCENSION HYDR 5.05 207, H10N1 ASCENSION HYDR 5.06 207, etc.

2020 MAY

Main table with columns: VANB Van, VANB Van, VMUR Van-Muradiye, VMUR HAKKARI, etc. Includes station names and seismic data.

CATAC 25 14:15:32.5, 0.7, 13.1N, 5.9W, h35km, 5km, M3.1/12, MLV3.1/12, Error ellipse: s-maj=10.0km, s-min=6.6km

SNET 25 14:15:33.2, 1.0, 13.21N, 89.65W, h42km, ML2.9, Presumed earthquake

ISC 25 14:15:33.6, 2.8, 13.3N, 0.1, 89.63W, 0.08, h53km, 14km, n19, e0564/33, El Salvador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LALI Alcalda de L, LALI Alcalda de L, etc.

BGR 25 14:42:10.4, 23.77N, 95.28E, h64km, mb5.4

BUI 25 14:42:14.7, 24.50N, 93.83E, h53km, mb5.0/43, mb4.8/81, Ms4.7/85, Ms7.4/582

MOS 25 14:42:14.0, 0.2, 32N, 93.91E, h47km, mb5.3/62, Error ellipse: s-maj=6.7km, s-min=3.4km, az=116.7

ISC 25 14:42:15.9, 1.0, 24.36N, 93.97E, h49km, 9km, mb4.4/34, mbmp4.7/34, ML5.2/2, MS4.0/59, Error ellipse: s-maj=9.7km, s-min=8.2km, az=149.0

NDI 25 14:42:17.5, 1.4, 24.42N, 93.69E, h36km, 4km, ML5.1, MW5.2, mb5.2(NEIC), Presumed earthquake

GFZ 25 14:42:17.9, 24.33N, 93.89E, h65km, MW5.1, Moment Tensor Solution. s53 Moment tensor: Mr=1.99;

MW=2.43; Mw=3.81; Mw=0.94; Mw=3.54; Mw=1.36; Fault plane solution: NP1=342.00000; 979.00000;

1-132.00000; NP2=247.00000; 862.00000; 1.4.00000; Principal axes: T=5.7000, P=11.0000;

Az=172.00000; N=0.8300, P=16.0000; Az=1.0000; P=4.8700, P=26.0000; Az=208.0000;

NEIC 25 14:42:17.4, 1.0, 24.39N, 0.06, 93.92E, 0.05, h58km, 4km, mb5.2/230, Mww5.1/11, Error ellipse: s-maj=8.9km

s-min=6.4km, az=191.0

GCMT 25 14:42:20.2, 0.2, 41N, 0.01, 93.92E, 0.01, h38km, MW5.2/126, Moment Tensor Solution. s80, c108;

s126, c210; Duration: 1s0 Moment tensor: Scale 1016

Nm; Mw=0.38; 2.0; Mw=4.33; 1.5; Mw=3.96; 1.4;

Mw=0.50; 1.7; Mw=5.83; 1.2; Mw=3.19; 1.7; Best double couple: Mw=85400-1016; NP1=253.00000; 366.00000;

1.4.00000; NP2=161.00000; 886.00000; 1.56.00000;

Principal axes: T=7.9000, P=10.0000; Az=115.0000; N=0.0870, P=16.0000; Az=333.0000; P=7.8080;

Az=174.0000; Az=210.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

ISC 25 14:42:16.6, 0.2, 24.35N, 0.02, 93.80E, 0.02, h57km, 1km, h57km; p-P, n1052, e1340/1135, mb5.2/295, MS4.2/84, 34C-43D, Myanmar-India border region

1618

Table with columns: KOHI KOHIMA, KOHI KOHIMA, KOHI KOHIMA, etc. Includes station names and seismic data.

Table with columns for station code, name, frequency, and signal strength. Includes stations like PYUN, CD2 Chengdu, GYA Guiyang, GOMU Gefermu, LZDM Lanzhou Array, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like MSLI Meulaboh, WUS Wushi, PALK Pallekele, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like AAA comp=Z,439m,0.9s, ALMA-ATA, KBL Kabul, etc.

1621

Table with columns for station name, frequency, power, and signal quality. Includes stations like LPSR Galich'ya Gora, ATD Arta Tunnel, ASF Jabal al Asfar, etc.

2020 MAY

Table with columns for station name, frequency, power, and signal quality. Includes stations like APA comp=Z,172nm,4.7s, M28 Minsk, M28 Minsk, etc.

25d 14h

Table with columns for station name, frequency, power, and signal quality. Includes stations like AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: FYU, Fort Yukon, 79.16, 20, Iamb, Iamb, 14.54, 32.7, ...

Table with columns: SEW, Seward, 81.42, 27, P, P, 14.54, 27.6, +0.4, ...

Table with columns: MPMY, Sheldon Lake, 86.24, 19, P, P, 14.54, 53.0, +1.1, ...

25d 16h

Table of station data for 25d 16h, including columns for Code, Station Name, Azimuth, Phase ID, Op, ID, Time, Res, and ISC. Includes various station codes like PB07, PB02, TA01, etc.

2020 MAY

Table of station data for 2020 MAY, including columns for Code, Station Name, Azimuth, Phase ID, Op, ID, Time, Res, and ISC. Includes various station codes like KAF, FIA0, FIA0, etc.

1626

Table of station data for 1626, including columns for Code, Station Name, Azimuth, Phase ID, Op, ID, Time, Res, and ISC. Includes various station codes like SABO, HFS, LBTB, etc.

25d 17h

Tensor Solution. s2 Moment tensor: Scale 10^14Nm; M1:1.67; Mw:2.12; Mw3:3.80; Mw3:97; Mw0:21; Mw1:93; Fault plane solution: M5.37000x10^14 NP1: 0.326,00000, 639,00000, lambda-161,00000. NP2: 0.221,00000, 678,00000, lambda-53,00000. JMA 25 16:55:28.3-0.1, 23.5N,0.4,122.0E,0.7, h45km,4km, MV3.7/16, TAIWAN REGION

2020 MAY

1628

Table listing station names (Code, Station Name, Az, Phase ID) and time-resolved data (Time, Res, ISC, h m s, ISC) for various stations across Taiwan and the region.

Table listing station names (Code, Station Name, Az, Phase ID) and time-resolved data (Time, Res, ISC, h m s, ISC) for various stations across Taiwan and the region.

Table listing station names (Code, Station Name, Az, Phase ID) and time-resolved data (Time, Res, ISC, h m s, ISC) for various stations across Taiwan and the region.

Table listing station names (Code, Station Name, Az, Phase ID) and time-resolved data (Time, Res, ISC, h m s, ISC) for various stations across Taiwan and the region.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like S. JMB Sao Joao De Ma, R10B1 Linhares ES, BOAV Boa Vista, etc.

IDC 25 17:09:24.9-3.3, 31.54Sx179.92W, h324km, 29km, mb3, 4/5, mbmp3.5/6, ML3.3/2, Error ellipse: s-maj=28.6km s-min=18.2km

NEIC 25 17:09:28.6-1.1, 31.19S, 0.1x179.7W, 0.1, h382km, 6km, mb4, 4/17, Error ellipse: s-maj=17.8km s-min=12.4km az=185.0

WEL 25 17:09:31.2-0.6, 32.5S, 0.1x179.9W, 1.3, h301km, 9km, mb4, 6/14, ML4.7/31, MLV5.0/31, Mw(mb)3.8/14, Error ellipse: s-maj=18.2km s-min=3.9km az=109.4

ISC 25 17:09:25.8-0.5, 31.81S, 0.05x179.68W, 0.09, h350km, n17, s1986/136, mb4, 1/13, Kermadec Islands region

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like RTZ Handcock Road, HRRZ Shannon Statio, PRRZ Plateau Road, etc.

IDC 25 17:19:24.9-7.0, 21.31S, 173.40E, h0km, mb3.6/2, mbmp3.6/2, MS3.2/5, Error ellipse: s-maj=29.5km s-min=59.4km az=148.0, Vanuatu Islands region

IDC 25 17:19:24.9-7.0, 21.31S, 173.40E, h0km, mb3.6/2, mbmp3.6/2, MS3.2/5, Error ellipse: s-maj=29.5km s-min=59.4km az=148.0, Vanuatu Islands region

IDC 25 17:19:24.9-7.0, 21.31S, 173.40E, h0km, mb3.6/2, mbmp3.6/2, MS3.2/5, Error ellipse: s-maj=29.5km s-min=59.4km az=148.0, Vanuatu Islands region

IDC 25 17:19:24.9-7.0, 21.31S, 173.40E, h0km, mb3.6/2, mbmp3.6/2, MS3.2/5, Error ellipse: s-maj=29.5km s-min=59.4km az=148.0, Vanuatu Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like URZ Urewera, RAR Rarotonga, KRVT Keravat, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JOW Kunigami, CMAR Chiang Mai Arr, GERES GERS Array B, etc.

IDC 25 17:20:47.5-1.3, 23.13N, 121.66E, h0km, mb3.4/4, mbmp3.5/6, ML3.3/2, Error ellipse: s-maj=45.9km s-min=24.9km az=86.0

TAP 25 17:20:47.5-1.3, 23.13N, 121.66E, h1km, ML3.7, 7, JMA 25 17:20:47.0, 23.43N, 121.39E, 0.6x121.4E, 0.7, h1km, 3km, MV3.4/13, TAIWAN REGION

ISC 25 17:20:48.1-0.8, 23.40N, 0.01x121.46E, 0.02, h1km, 4km, n128, s095/185, mb3.4/4, 6C-21, Taiwan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ECBN Changbin, EHYH Wanrong, EYUL Yuli, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LAY Lan-yu, NWLT Wulai, KSHI Gsuanxi Townshi, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AAK Ala-Archa, AAK Ala-Archa, AB31 Akbulak array, etc.

DC 25 17:32:56.0 4.0 361.25N, 141.95E, h0km, mb3.5/11, mtmp3.8/16, ML3.2/1, MS3.5/32, Error ellipse: s-maj=19.4km s-min=16.5km az=90.0

DC 25 17:46:36.6 0.6 13.32N, 101.5149E, h0km, mb3.8/15, mtmp3.8/16, ML3.2/1, MS3.5/32, Error ellipse: s-maj=21.6km s-min=17.4km az=167.0

SJA 25 18:10:55.5 1.4, 18.55S; 70.61W, h49km, 9km, ML3.4, MW3.6

NIED 25 17:33:00.7 0.3 36.31N, 141.71E, h53km, MW3.8, Moment Tensor Solution. s3 Moment tensor: Scale: 10^14Nm; Mn:0.61; Mo:1.89; Mo:2.50; Mo:1.13; Mo:0.06; Mo:4.80;

OMAN 25 17:46:40.0 0.7, 13.90N; 51.27E, h10km, mb4.0/12, m0.4/0.0, Error ellipse: s-maj=9.9km s-min=4.5km az=148.0

GUC 25 18:10:58.0 0.6, 18.54S; 70.49W, h44km, 1km, ML3.5

JMA 25 17:33:00.7 0.3 36.31N, 141.71E, h53km, MW3.5/25, FAR E OFF IBARAKI PREF

ISC 25 17:46:36.6 0.6 13.32N, 101.5149E, h0km, mb3.8/15, mtmp3.8/16, ML3.2/1, MS3.5/32, Error ellipse: s-maj=21.6km s-min=17.4km az=167.0

ISC 25 18:10:56.6 2.1, 18.51S; 0.06; 70.7W, 0.1, h47km, n23, o076/36, 3D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JHYU Hitachinakayam, JHO Hitachi, JHU Hitakohinouch, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AAK Ala-Archa, AAK Ala-Archa, AB31 Akbulak array, etc.

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
PB16				IAML	18 11 31.6	
comp=E,1µm,0.5s						
PB11	IPOC Station P	1.56	143	iP	Pn	18 11 22.1 +0.1
PB11				iS	Sn	18 11 40.9 -0.3
PB11				IAML		18 11 41.8
comp=Z,664nm,0.4s						
PB11	IPOC Station P	1.56	143	eP	Pn	18 11 22.4 +0.4
PB11				iS	Pn	18 11 41.1 -0.1
PB11				IAML		18 11 42.4
comp=N,1µm,0.4s						
GO01	Chusmiza	1.79	130	iP	Pn	18 11 26.1 +0.5
GO01				iS	Sn	18 11 48.1 +0.7
GO01				IAML		18 11 49.5
comp=Z,620nm,0.3s						
GO01	Chusmiza	1.79	130	eP	Pn	18 11 26.4 +0.8
GO01				iS	Sn	18 11 48.6 +1.2
TA02	Huaiquique	1.82	165	iS	Sn	18 11 47.8 +0.5
TA02				IAML		18 11 50.5
comp=Z,507nm,0.3s						
TA02	Huaiquique	1.82	165	eP	Pn	18 11 26.1 +0.7
TA02				iS	Sn	18 11 47.8 +0.5
TA02				IAML		18 11 49.8
comp=N,1µm,0.1s						
TA01	Diego Aracena	2.09	168	iP	Pn	18 11 29.2 0.0
TA01				iS	Sn	18 11 54.4 +0.4
TA01				IAML		18 11 58.5
comp=Z,199nm,0.3s						
TA01	Diego Aracena	2.09	168	eP	Pn	18 11 29.5 +0.3
PB08	IPOC Station P	2.15	139	iP	Pn	18 11 31.0 +0.6
PB08				iS	Sn	18 11 55.5 -0.5
PB08				IAML		18 11 58.9
comp=Z,245nm,0.2s						
PB08	IPOC Station P	2.15	139	eP	Pn	18 11 31.4 +1.0
PB08				iS	Sn	18 11 56.4 +0.4
PB08				IAML		18 12 26.8
comp=N,474nm,0.1s						
PB02	IPOC Station P	2.88	166	iP	Pn	18 11 40.2 0.0
PB02				IAML		18 12 26.8
comp=Z,216nm,0.4s						
PB02	IPOC Station P	2.88	166	eP	Pn	18 11 40.4 +0.2
LPAZ	La Paz	3.27	48	iP	Pn	18 11 50.7 +4.8
LPAZ				IAML		18 12 58.0
comp=Z,8.1nm,1.0s						
PB07	IPOC Station P	3.28	168	iP	Pn	18 11 45.4 -0.3
PB07				IAML		18 12 42.2
comp=Z,118nm,0.5s						
PB03	IPOC Station P	3.62	167	iP	Pn	18 11 50.3 -0.1
PB03				IAML		18 12 53.7
comp=Z,67nm,0.4s						
PB06	IPOC Station P	4.29	167	iP	Pn	18 11 59.6 0.0
PB06				IAML		18 13 11.9
comp=Z,41nm,0.6s						

ISK 25 18:10:59.2,34.07N;25:75E,h3km,ML3,1/22
 IDC 25 18:10:59.3±1.2,34.24N;25:73E,h0km,mb3,8/8,
 mbtmp3,7/14,ML3,4/7,MS2,6/1, Error ellipse:
 s-maj=23.5km s-min=15.3km az=28.0
 THE 25 18:1:02.6,34°N;17°2'6"E;1°0,h1km;24km,M3,0/13,
 MLh3,0/13
 Gll 25 18:11:07.5±0.0,33°768N;0°002'26"250E;0°001,h0km,
 Mws3.5,confirmed
 ATH 25 18:11:08.2,34°60'N;25°76'E,h17km;2km,ML2,9/9,
 Latitude uncertainty: 2 km; Longitude uncertainty: 1 km
 AFAD 25 18:11:08.0,34°73N;26°14'E,h15km,ML3
 ISC 25 18:11:03.0±1.4,34°10'N;0°05'25.77E;0°04,h32km;11km,
 n106,±185/138,mb3,8/7,Crete

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
ZKR	Zakros	1.08	20	Ph	Pn	18 11 21.1 -0.8
ZKR				Sn	Pb	18 11 37.6 +0.6
ZKR	Zakros	1.08	20	S	Pn	18 11 21.2 -0.8
ZKR	Zakros	1.08	20	P	Sn	18 11 36.6 +0.8
ZKR				S	Pn	18 11 21.2 -1.0
ZKR				S	Sn	18 11 29.7 -6.1
NPS	Neapolis	1.17	354	P	Pn	18 11 21.3 -1.9
NPS				S	Sn	18 11 38.5 +0.4
NPS	Neapolis	1.17	354	P	Sn	18 11 21.5 -1.7
NPS				Pn	18 11 31.1 -7.0	
IDI	Anoia	1.40	329	Ph	Pn	18 11 25.3 -1.0
IDI				Sn	18 11 42.3 -1.4	
comp=N,27nm,0.3s,baz=82,slow=23,SNR=9.0						
IDI	Anoia	1.40	329	Ph	Pn	18 11 26.3 0.0
IDI				Sn	18 11 46.5 +0.5	
IDI	Anoia	1.40	329	P	Pn	18 11 25.8 -0.5
IDI	Anoia	1.40	329	P	Pn	18 11 27.0 +0.7
IDI	Anoia	1.40	329	S	Pn	18 11 39.9 -3.7
GVD	Gavdhos	1.58	299	Ph	Pn	18 11 29.5 +0.7
GVD	Gavdhos	1.58	299	P	Pb	18 11 46.8 +0.7
GVD	Gavdhos	1.58	299	P	Pb	18 11 32.1 +0.5
VAM	Vamos	1.84	316	P	Pb	18 11 33.9 +1.5
VAM	Vamos	1.84	316	P	Pb	18 11 35.1 -1.0
KARP	Karpathos	1.84	38	Ph	Pn	18 11 33.3 +0.9
KARP	Karpathos	1.84	38	P	Pn	18 11 34.8 +2.4
KARP	Karpathos	1.84	38	P	Pn	18 11 39.2 +2.0
KARP	Karpathos	1.84	38	S	Sn	18 11 53.6 -1.1
IMMV	Iera Moni Meta	2.01	313	P	Pn	18 11 35.1 +0.4
IMMV	Iera Moni Meta	2.01	313	P	Pn	18 11 36.0 +1.3
KNDR	Palaiochora Ch	2.10	303	Ph	Pn	18 11 36.6 +0.6
KNDR	Palaiochora Ch	2.10	303	P	Pn	18 11 39.8 -0.7
THERA	Ancient Thera	2.28	354	P	Pn	18 11 39.2 +0.8
THERA	Ancient Thera	2.28	354	P	Pn	18 11 38.5 +0.1
SNT5	Nea Kammeni, S	2.32	352	P	Pn	18 11 40.4 +1.6
SNT5	Nea Kammeni, S	2.32	352	P	Pn	18 11 39.3 +0.3
ANKY	Antikythira Is	2.69	312	P	Pn	18 11 45.3 +1.3
ANKY	Antikythira Is	2.69	312	P	Pn	18 11 46.8 +2.8
ARG	Arkhangelos Is	2.86	42	Ph	Pn	18 11 47.2 +1.4
ARG	Arkhangelos Is	2.86	42	P	Pn	18 11 49.5 +3.2
YAZI	Mula-Datša	2.92	28	P	Pn	18 11 45.7 -1.5
DAT	Datca	3.01	29	Ph	Pn	18 11 50.0 +1.4
DAT	Datca	3.01	29	P	Pn	18 11 50.0 +1.4
BDRM	Bodrum	3.21	22	Ph	Pn	18 11 53.3 +1.9
BDRM	Kayabasi	3.26	24	P	Pn	18 11 52.9 +1.0
BDRM				IAML		18 12 28.0
comp=E,21nm,1.4s						
TURN	Turunc	3.35	36	Ph	Pn	18 11 54.6 +1.5
TURN	Turunc	3.35	36	P	Pb	18 11 59.7 -2.0
VLI	Veliai	3.50	319	P	Pn	18 11 55.3 +0.2
VLI	Veliai	3.50	319	P	Pn	18 11 56.8 +1.7
MLSB	Milas	3.58	26	Ph	Pn	18 11 57.8 +1.4
DALY	Dalyan (Mula)	3.59	40	Ph	Pn	18 11 58.4 +2.0
DALY	Dalyan (Mula)	3.59	40	P	Pn	18 11 58.8 +2.4
DALY				IAML		18 12 32.0
comp=E,33nm,1.4s						
DALY				IAML		18 12 41.0
comp=N,37nm,2.6s						
YER	Yersekik	3.66	33	Ph	Pn	18 11 59.2 +1.8
YZZE	Mula-Seydike	3.67	49	P	Pn	18 11 58.2 +0.7
YZZE				IAML		18 12 28.0
comp=E,42nm,1.7s						
IZZE				IAML		18 12 53.0
comp=N,39nm,0.4s						
KSL	Kastellorizon	3.74	56	P	Pn	18 11 60.0 +1.6
SABU	Mula-Dalman	3.77	43	P	Pn	18 11 58.6 -0.3
AKAS	Kas	3.79	55	Ph	Pn	18 12 01.1 +1.8
AKAS	Kas	3.79	55	P	Pn	18 12 01.4 +2.1
AKAS				IAML		18 12 44.0
comp=E,32nm,0.9s						
AKAS				S	Sn	18 12 44.3 +1.3
AKAS				IAML		18 12 54.0
comp=N,54nm,0.4s						
AYDN	Tasoluk	3.95	25	Ph	Pn	18 12 01.2 -0.2
AYDN				IAML		18 12 28.0
comp=N,13nm,0.6s						
AYDN				IAML		18 12 56.0
comp=N,12nm,1.0s						
CAME	Cameo-Denizli	4.04	44	Ph	Pn	18 12 04.4 +1.6
DNZT	Denizli-Tavas-	4.13	39	P	Pn	18 12 05.4 +1.4
DNZT				IAML		18 13 16.0
comp=E,10nm,1.2s						
DNZT				IAML		18 13 18.0
comp=N,8.2nm,0.8s						
KNIK	Mula-Seydike	4.14	47	P	Sn	18 12 06.5 +2.4
KNIK				S	Pn	18 12 49.1 -2.4
KNIK				IAML		18 12 50.0
comp=N,11nm,1.3s						
KNIK				IAML		18 12 57.0
comp=E,12nm,0.5s						
AYDB	Zeytinokoy-Aydi	4.21	23	Ph	Pn	18 12 06.8 +1.8
TAVA	DENIZLI_Tavas	4.22	36	P	Pn	18 12 08.9 +3.7

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
DION	Dionisos Attik	4.25	340	P	Pn	18 12 05.7 +0.2
ESEN	Aydn-Nazilli	4.25	29	P	Pn	18 12 06.0 +0.6
ESEN				IAML		18 12 49.0
comp=N,9.4nm,1.5s						
CHOS	Chios Island	4.29	3	Ph	Pn	18 12 08.5 +2.4
ELL	Izmir	4.29	51	Ph	Pn	18 12 08.1 +1.9
URLA	Izmir	4.31	9	Ph	Pn	18 12 07.9 +1.6
AKUM	Antalya-Kumluc	4.35	58	P	Pn	18 12 09.6 +2.7
AKUM				IAML		18 13 06.0
comp=E,14nm,0.8s						
AKUM				IAML		18 13 08.0
NAZL	Nazilli-Aydn	4.37	27	Ph	Pn	18 12 09.3 +2.2
GOLH	Golhisar	4.40	43	P	Pn	18 12 09.3 +1.7
GOLH				IAML		18 12 47.0
comp=E,20nm,2.0s						
GOLH				IAML		18 13 22.0
comp=N,6.7nm,0.4s						
IZMR	zmir-demi	4.40	23	P	Pn	18 12 08.6 +1.1
IZMR				IAML		18 12 45.0
comp=E,8.3nm,2.1s						
IZMR				IAML		18 13 33.0
comp=N,9.5nm,2.0s						
DNIZ	Denizli-Tavas-	4.41	36	P	Pn	18 12 10.6 +2.9
DNIZ				IAML		18 13 06.0
comp=E,22nm,0.6s						
DNIZ				IAML		18 13 11.0
comp=N,18nm,0.6s						
APMY	Apayayam-Deniz	4.42	39	Ph	Pn	18 12 09.9 +1.9
ODEM	Odemis-Izmir					

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Mina Array Sit, Topnab, DSP, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Island, New Zealand, WEL, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KUTZ, THZ, WPRZ, etc.

CATAC 25 18:49:54.0-0.4, 13°N, 2°E, h27km, 2km, M4, 0/27, MLV4, 0/27, Error ellipse: s-maj=5.3km s-min=3.8km az=42.2, confirmed

SNET 25 18:49:54.6±1.0, 13.04N:89.57W, h38km, ML3.9, Presumed earthquake

ICD 25 18:49:57.6±1.0, 13.82N:88.91W, h58km, 23km, mb3.1/2, mbtmp3.6/5, ML3.1/3, MS3.0/2, Error ellipse: s-maj=75.6km s-min=9.8km az=39.0

GCG 25 18:49:57.0-0.8, 13.22N:89.65W, h35km, 20km, MD4.3, ML4.1, Presumed earthquake

ISC 25 18:49:55.9±1.1, 13.16N:0.07E:89.46W, 0.04, h52km, 28km, n57, e207/86, 3C, El Salvador

Main station list table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Alcalda de L, JAYA, PANCS, etc.

WEL 25 19:04:07.3-0.3, 40°S, 3°E, h29km, 5km, M3.9/18, ML4.0/19, MLV3.9/18, Error ellipse: s-maj=5.7km s-min=3.2km az=111.7

ISC 25 19:04:06.3±0.9, 40.44S:0.02E:175.01E:0.03, h60km, 5km, n166, e1815/191, mb3.6/3, North Island

Main station list table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Foxton Beach S, Levin Horowhenua, Otaki School, etc.

NEIC 25 19:08:38.8±2.6, 34°05'N:0°08'25'E:83E:0.07, h10km, 1km, mb4.1/15, Error ellipse: s-maj=13.9km s-min=7.8km az=207.0

ICD 25 19:08:38.7±1.0, 34°33'N:25°89'E, h0km, mb3.9/16, mbtmp3.8/24, ML3.2/27, MS3.0/10, Error ellipse: s-maj=20.6km s-min=13.2km az=16.0

ISK 25 19:08:40.8, 34°36'N:25°91'E, h5km, ML2.9/8, THE 25 19:08:41.8, 34°N:7°2'E, h0km, 10km, M3.1/9, ML3.1/9

ATH 25 19:08:46.0, 34°65'N:25°85'E, h17km, 4km, ML3.0/6, Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

GII 25 19:08:46.2, 0.0, 33°53'N:0.002E:26°07'S:0.001, h0km, MWS3.3, confirmed

ISC 25 19:08:41.2±1.4, 34°34'N:0°05:25.99E:0.03, h17km, 8km, n119, e1977/140, mb3.9/19, MS2.9/5, Crete

Main station list table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Zakros, Siteia, Neapolis, etc.

ICD 25 19:03:58.2±1.4, 40°76'S:175°09'E, h0km, mb3.5/3, mbtmp3.5/4, ML2.9/1, Error ellipse: s-maj=34.4km s-min=33.0km az=62.0

NOU 25 19:04:05.9, 40°49'S:175°05'E, h78km, MLV4.1/22, North

EIL	Sn	Sn	19 12 26.6	-2.8
BNN	0.3nm, 0.3s, baz=70, slow=20, SNR=1.7	0.3nm, 0.4s	9.11 58	Pn
ASF	0.2nm, 0.3s, baz=314, slow=13, SNR=1.8	0.2nm, 0.4s	9.38 100	Pn
ASF	0.1nm, 0.3s, baz=66, slow=3.6, SNR=1.3	1.1nm, 0.5s	12.87 60	Pn
RAFF	Raffo Rosso	9.88 290	Pn	Pn
CUC	Castrocuco	9.88 306	Pn	Pn
MLR	Muntele Rosu	11.13 360	LR	LR
KOPT	Koy Dagi	12.87 60	Pn	Pn
KEST	Kezra	13.71 281	LR	LR
SOKA	Soboth	14.86 329	eP	P
OBKA	Obir	14.93 328	eP	P
ARSA	Arzberg	15.12 332	eP	P
RONA	Rosalia, Austr	15.20 334	eP	P
CTI	Castel Tesino	15.99 321	P	LR
GNI	Garni	16.00 63	LR	LR
ABTA	Abfaltersbach	16.05 325	eP	P
KIV	Kislovodsk	16.09 48	Pn	Pn
KIV	Kislovodsk	16.09 48	Iamb	Iamb
MOA	comp=Z, 1.4nm, 0.6s	16.10 330	eP	P
KBZ	Khabaz	16.11 49	Pn	Pn
LESA	Schwarzleotla	16.46 327	eP	P
VRAC	Vranov	16.49 338	Pn	Pn
KIEV	Kiev	16.51 7	P	P
AKASG	Malin Array Be	16.52 7	Pn	Pn
AKASG	comp=Z, 2.5nm, 1.8s, baz=234, slow=41	16.52 7	LR	LR
AKASG	Malin Array Be	16.52 7	Pn	Pn
AKAB	Malin Array Si	16.52 7	Iamb	Iamb
MORC	Moravsky Berou	16.63 341	Pn	Pn
WTTA	Wattenberg	16.84 324	eP	P
WATA	Walderalm	16.92 324	eP	P
SQTA	Sankt Quirin	17.02 324	eP	P
FUORN	Ofenpass-Fuorn	17.09 321	Pn	Pn
FUORN	comp=Z, 8.1nm, 0.9s	17.09 321	Iamb	Iamb
FETA	Feichten	17.12 322	eP	P
GERES	GERESS Array B	17.12 331	P	Pn
MOTA	Moosalm	17.15 324	eP	P
DAVA	Damulats	17.73 322	ePn	P
SUW	Suwaki	19.76 355	Pn	Pn
NACGM	Naroch	20.57 1	eP	P
TAM	Tamanraset	21.30 243	P	Iamb
TAM	comp=Z, 4.9nm, 0.7s	22.04 16	P	P
OBN	Obninsk	22.04 16	P	P
OBN	Obninsk	22.04 16	P	P
ESDC	Sonsec Array	24.44 291	P	P
HD01	Midelt array s	25.61 275	P	P
MFDS	Hagfors	25.93 346	P	P
FINES	FINESS Array B	27.12 0	P	P
FINES	comp=Z, 1.2nm, 0.6s, baz=160, slow=12, SNR=6.1	27.12 0	LR	LR
FURI	Furi	27.88 152	LR	LR
NOA	NORSAR Array B	28.36 345	LR	LR
EKA	Eskdalemuir Ar	29.10 325	P	P
TORD	Tordi Ar. Bea	30.51 232	P	P
TORD	Tordi Ar. Bea	30.51 232	P	P
ARTI	Arti	31.21 35	LR	LR
ARCES	ARCCESS Array B	35.24 360	P	P
ARCES	ARCCESS Array B	35.24 360	P	P
KKAR	Karar Array	35.47 62	P	P
BVAR	Borovoye Array	36.42 45	P	P
KURBB	Kurchatov Ar	41.11 50	P	P
KURBB	Kurchatov Ar	41.11 50	LR	LR
KURK	Kurchatov	41.17 50	P	P
KURK	comp=Z, 1.8nm, 0.8s	41.17 50	Iamb	Iamb
MKAR	Makanchi Array	43.66 56	P	P
ZAAO	Zalesovo Beam	45.08 46	P	P
ZAAO	Zalesovo Beam	45.08 46	Iamb	Iamb
ZALV	Zalesovo Beam	45.08 46	P	P
ZALV	Zalesovo Beam	45.08 46	Iamb	Iamb
SOMI	Songino Array	49.47 50	P	P
SOMI	Songino Array	49.47 50	Iamb	Iamb
SOMI	Songino Array	49.47 50	P	P
SOMI	Songino Array	49.47 50	Iamb	Iamb
SCHO	Schefferville	64.25 320	P	P
SCHO	Schefferville	64.25 320	P	P
HIA	Hailar	76.11 45	P	P
KSR5	Korea Array	78.23 53	P	P
YKA	Yellowknife A	78.43 342	P	P
ILAR	Eielson Array	81.05 357	P	P
ILAR	Eielson Array	81.05 357	P	P

CMIG	Matias Romero	0.63 232	P	Pn	19 23 12.4	+0.7
CMIG <td>Matias Romero</td> <td>0.63 232</td> <td>P</td> <td>Pn</td> <td>19 23 12.4</td> <td>+0.7</td>	Matias Romero	0.63 232	P	Pn	19 23 12.4	+0.7
CMIG <td>Matias Romero</td> <td>0.63 232</td> <td>S</td> <td>Sn</td> <td>19 23 32.3</td> <td>-0.4</td>	Matias Romero	0.63 232	S	Sn	19 23 32.3	-0.4
CMIG <td>Matias Romero</td> <td>0.63 232</td> <td>S</td> <td>Sn</td> <td>19 23 12.5</td> <td>+0.8</td>	Matias Romero	0.63 232	S	Sn	19 23 12.5	+0.8
CARR	Arriaga	1.30 160	I/P	Pn	19 23 17.4	+1.2
CARR	Arriaga	1.30 160	I/P	Pn	19 23 40.9	+0.1
TGIG		1.38 120	eP	Pn	19 23 17.3	+0.5
NEUV	Arroyo Zacate	1.39 280	eS	Pn	19 23 17.4	+0.6
NEUV	Arroyo Zacate	1.39 280	eS	Pn	19 23 41.1	-0.8
PCIG		2.08 148	eP	Pn	19 23 25.0	+1.5
PCIG		2.08 148	eP	Pn	19 23 53.7	-0.3
WHO	Vista Hermosa	2.30 260	eP	Pn	19 23 27.7	+1.6
HUIG	Huatulco	2.39 225	eP	Pn	19 23 26.5	-0.3
HUIG	Huatulco	2.39 225	eP	Pn	19 23 40.5	+0.6
CCIG	Comitan	2.45 119	eP	Pn	19 23 28.6	+0.9
CCIG	Comitan	2.45 119	eP	Pn	19 24 01.1	+0.1
TOIG	Toxपाल	2.64 284	eP	Pn	19 23 16.1	+1.8
TOIG	Toxपाल	2.64 284	eP	Pn	19 24 05.1	-0.1
TPIG	Tehuacan	3.00 289	eS	Pn	19 24 12.0	-0.8
PEIG	Puerto Escondi	3.05 241	eP	Pn	19 23 34.2	-0.3
PEIG	Puerto Escondi	3.05 241	eP	Pn	19 24 13.6	+0.1
PAVE	Pavencul	3.10 137	eP	Pn	19 23 37.1	+1.8
PAVE	Pavencul	3.10 137	eP	Pn	19 24 15.0	-0.1
YOIG	Yosondua	3.10 259	eP	Pn	19 23 15.7	+0.8
YOIG	Yosondua	3.10 259	eP	Pn	19 24 15.5	+0.3
PATR	El Naranjo	3.21 139	eP	Pn	19 23 37.1	+1.5
PATR	El Naranjo	3.21 139	eP	Pn	19 24 14.8	-0.7
CHUJ	Union Juarez	3.22 137	eP	Pn	19 23 38.7	+2.0
CHUJ	Union Juarez	3.22 137	eP	Pn	19 24 05.1	-0.1
TXIG	Tlaxiaco	3.26 266	eP	Pn	19 23 38.8	+1.6
TXIG	Tlaxiaco	3.26 266	eP	Pn	19 24 17.9	-0.5
THIG		3.26 141	eP	Pn	19 24 18.0	-0.1
HLIG	Huajuapán de L	3.30 277	eP	Pn	19 23 39.9	+1.7
HLIG	Huajuapán de L	3.30 277	eP	Pn	19 24 16.8	-2.4
FLIG	Fresnillo de T	3.62 277	eP	Pn	19 23 48.1	+1.7
FLIG	Fresnillo de T	3.62 277	eP	Pn	19 24 25.8	-0.3
PNIG	Pinotepa	3.76 254	eP	Pn	19 23 42.3	+0.1
PNIG	Pinotepa	3.76 254	eP	Pn	19 24 27.4	-1.7
TLIG	Tlapa	4.01 272	eP	Pn	19 23 48.7	+2.4
TLIG	Tlapa	4.01 272	eP	Pn	19 24 35.2	+0.3
MGIG	Miguel Alemán	4.08 267	eP	Pn	19 23 48.1	+1.5
PPM	Popocatepetl	4.34 292	eP	Pn	19 23 54.4	+3.5
PPM	Popocatepetl	4.34 292	eP	Pn	19 24 41.2	-1.8
CRIG	Cruz Grande	4.62 261	eP	Pn	19 23 54.3	+0.5
CRIG	Cruz Grande	4.62 261	eP	Pn	19 24 47.7	-0.8
TXAR	Lajas Arroyo	14.55 326	eP	P	19 25 55.9	-5.4
TKL	Tukaleechee C	20.40 25	P	P	19 27 05.1	-1.2
ROSC	El Rosal	23.30 120	eP	P	19 27 45.2	+1.0
YKA	Yellowknife Ar	47.14 347	P	P	19 30 55.7	-0.9

comp=Z, 5.0nm, 0.3s	San Juan	0.69 71	eP	Pg	19 30 53.8	-0.3
IGPR	Interuniversit	0.70 84	eP	Pg	19 30 54.2	0.0
IGPR	Interuniversit	0.70 84	eP	Pg	19 31 04.1	+0.3
IDE	Isla Deseccho	0.78 310	eP	Pb	19 30 54.9	-0.6
IDE	Isla Deseccho	0.78 310	eP	Pb	19 31 05.5	-0.4
PDPR	Patillas Dam,	0.79 81	eS	Sb	19 30 55.5	-0.3
PDPR	Patillas Dam,	0.79 81	eS	Sb	19 31 05.8	-0.4
HUMP	Col San Antoni	0.98 75	eP	Pb	19 30 58.1	-0.8
HUMP	Col San Antoni	0.98 75	eP	Pb	19 31 15.3	

MOS 25 19:32:28.1, 5.33, 98N:25:56E, h12km, mb4.4/22, Error ellipse: s-maj=7.1km s-min=4.2km az=73.2
 IDC 25 19:32:24.7, 0.7, 34:22N:25:71E, h0km, mb4.0/21, mbmp4.0/33, ML3.6/11, MS3.3/12, Error ellipse: s-maj=15.5km s-min=11.6km az=13.0
 ISK 25 19:32:26.1, 34.16N:25:65E, h5km, ML3.4/21
 NEIC 25 19:32:26.1, 34.06N:0.07:25:66E:0.05, h10km, 1km, mb4.1/35, Error ellipse: s-maj=12.3km s-min=5.2km
 THE 25 19:32:27.9, 34°N:16°2'6E:1°0, h0km, 20km, M3.3/9, ML3.3/9
 AFAD 25 19:32:02.3, 34:38N:25:64E, h37km, MW3.9
 GII 25 19:32:24.0, 0.33:766N:0:002:26:234E:0:001, h0km, MWs4.1, confirmed
 ATH 25 19:32:33.3, 34:47N:25:72E, h10km, 4km, ML3.4/15, Latitude uncertainty: 3 km; Longitude uncertainty: 1 km
 ISC 25 19:32:24.9, 1, 34.06N:0.04:25:73E:0.03, h5km, 8km, n29, t130/49, Chiapas

ZKR	Zakros	1.13	21	Pg	ISC	h	m	s	ISC
ZKR	Zakros	1.13	21	Pg	Sg	19 32 47.4	+0.8		
ZKR	Zakros	1.13	21	Pg	Sg	19 33 03.1	-0.2		
ZKR	Zakros	1.13	21	Pg	Sg	19 32 47.2	+0.7		
ZKR	Zakros	1.13	21	Pg	Sg	19 33 01.1	-0.7		
ZKR	Zakros	1.13	21	Pg	Sg	19 32 48.7	+1.8		
SIT2	Siteia	1.18	15	Pg	Sg	19 32 49.1	+0.9		
SIT2	Siteia	1.18	15	Pg	Sg	19 32 59.0	-4.0		
NPS	Neapolis	1.20	355	P	Sg	19 32 47.7	-0.4		
NPS	Neapolis	1.20	355	P	Sg	19 33 04.0	+1.2		
NPS	Neapolis	1.20	355	P	Sg	19 32 48.0	-0.0		
NPS	Neapolis	1.20	355	P	Sg	19 32 47.7	+0.2		
NPS	Neapolis	1.20	355	P	Sg	19 32 59.4	-4.3		
IDI	Anoyia	1.41	331	Pn	Sg	19 32 49.6	-1.7		
IDI	Anoyia	1.41	331	Pn	Sg	19 33 08.4	-1.8		
IDI	Anoyia	1.41	331	Pn	Sg	19 33 11.1	+0.7		
IDI	Anoyia	1.41	331	Pn	Sg	19 32 50.7	-0.6		
IDI	Anoyia	1.41	331	Pn	Sg	19 32 48.7	+1.8		
IDI	Anoyia	1.41	331	P	Sg	19 32 51.1	-0.2		
IDI	Anoyia	1.41	331	P	Sg	19 32 51.1	-0.2		
IDI	Anoyia	1.41	331	P	Sg	19 32 51.1	-0.2		
IDI	Anoyia	1.41	331	P	Sg	19 32 51.1	-0.2		
IDI	Anoyia	1.41	331	P	Sg	19 32 51.1	-0.2		
GVD	Gavdhos	1.56	300	Pn	Sg	19 32 54.5	+1.0		
GVD	Gavdhos	1.56	300	Pn	Sg	19 33 15.7	+4.9		
GVD	Gavdhos	1.56	300	Pn	Sg	19 32 53.8	+0.3		
GVD	Gavdhos	1.56	300	Pn	Sg	19 32 57.4	+2.4		
VAM	Vamos	1.84	317	P	Pg	19 32 58.2	+0.9		
VAM	Vamos	1.84	317	P	Pg	19 33 01.0	+0.7		
VAM	Vamos	1.84	317	P	Pg	19 33 01.2	+1.0		
KARP	Karpathos	1.89	38	Pn	Pb	19 33 00.			

25d 19h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ISP Isparta, BALB Balikesir, CSS Mathiatis, etc.

2020 MAY

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SQTA Sankt Quirin, FUORN Ofenpass-Fuorn, FETA Feichten, etc.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like KLMR Klimovskoe, NOA NORRSAR Array B, EKA Eskdalemuir Ar, etc.

BUI 25 19:38:07.2, 30:11N:131:32E, h10km, mb4.5/8, mb4.2/31, Ms4.1/23, Ms7.4/0/24
IDC 25 19:38:08.5, 0.6, 30:15N:130:95E, h0km, mb4.0/22, mbmp4.0/29, ML3.3/7, MS3.5/26, Error ellipse: s-maj=17.8km s-min=13.2km az=87.0
MOS 25 19:38:11.8, 1.1, 30:17N:131:06E, h33km, mb4.6/25, Error

25d 19h

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MNK, YKA, AKASG, BR131, etc.

IDC 25 19:43:14.6; 1.2, 35:40N; 26:79E, h0km, mb3.4/3, mbtmp3.3/8, ML3.0/5, MS3.9/1, Error ellipse: s-maj=26.2km s-min=16.0km az=164.0

ISK 25 19:43:15.9; 35:49N; 26:79E, h10km, ML3.3/13, ATH 25 19:43:16.1; 35:51N; 26:77E, h7km, 2km, ML3.3/8, Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

THE 25 19:43:16.2; 36:1N; 3:27E, h5km, 3km, M3.2/14, MLh3.2/14

AFAD 25 19:43:16.0; 35:64N; 26:89E, h4km, 1km, MW3.4 GII 25 19:43:20.9; 0.0, 35:04N; 0:002; 27:102E; 0:001, h0km, Mws3.5, confirmed

ISC 25 19:43:16.4; 0.9, 35:48N; 0:003; 26:80E; 0:02, h15km, 6km, n95, c171/139, Crete

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KARP, ARG, NPS, etc.

2020 MAY

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MLSB, DALY, YER, etc.

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

IDC 25 19:59:46.1; 1.2, 35:41N; 26:80E, h0km, mb3.6/4, mbtmp3.4/9, ML2.9/5, Error ellipse: s-maj=25.0km

s-min=16.7km az=166.0
ISK 25 19:59:46.4, 35.54N, 26.75E, h4km, ML3.3/4
AFAD 25 19:59:50.1, 35.87N, 26.87E, h14km, 2km, ML2.5
GII 25 19:59:56.4, 0.0, 34.066N, 0.003, 26.833E, 0.001,
h0km, Mws3.3, confirmed
ISC 25 19:59:48.1, 1.1, 35.47N, 0.05, 26.85E, 0.04, h16km, 8km,
n40, c=290/0, mb3.5/3, Crete

0.2nm, 0.3s
IDC 25 20:09:41.6, 1.9, 58.30N, 154.24W, h55km, 22km, mb3.4/5,
mbmp3.5/8, ML3.2/3, M3.3, 1/1, Error ellipse: s-maj=27.5km
s-min=20.8km az=33.0
NEIC 25 20:09:43.3, 0.9, 58.32N, 0.03, 153.90W, 0.04, h69km, 6km,
ML3.6/120, ML3.3(AEIC), Error ellipse: s-maj=5.2km
s-min=2.3km az=158.0
AEIC 25 20:09:44.2, 1.1, 58.31N, 0.03, 153.92W, 0.05, h63km, 5km,
Error ellipse: s-maj=4.6km s-min=3.9km az=209.0
ISC 25 20:09:43.2, 0.7, 58.34N, 0.04, 153.92W, 0.03, h75km, 5km,
n140, c=89/148, mb3.4/5, Kodiak Island region

N14K comp=N,63nm,0.8s IAML 20 12 19.8
HIN comp=E,43nm,0.9s IAML Pn 20 10 46.0 -0.4
HIN comp=E,105nm,0.4s IAML Pn 20 11 45.7
HIN comp=N,96nm,0.4s IAML Pn 20 11 46.0
L16K comp=N,44nm,0.9s IAML Pn 20 10 47.3 0.0
L16K comp=N,28nm,1.0s IAML Pn 20 11 38.1
L17K comp=N,28nm,1.0s IAML Pn 20 12 09.8
SML comp=N,58nm,0.6s IAML Pn 20 10 47.7 -0.7
SML comp=N,71nm,0.9s IAML Pn 20 11 54.7
FID Port Fidalgo 4.49 54 IAML Pn 20 10 47.3 -1.5
PPLA Purkeypile 4.66 10 IAML Pn 20 12 34.1
SDPT Sand Point 4.68 233 P Pn 20 10 51.7 +0.4
SDPT Sand Point 4.68 233 Pn IAML Pn 20 10 51.4 +0.1
SDPT comp=N,41nm,0.7s IAML Pn 20 11 47.0
SDPT comp=E,34nm,1.2s IAML Pn 20 12 05.4
CNBA Chernabura Is. 4.72 224 IAML Pn 20 10 50.2 -1.6
CNBA comp=N,25nm,1.0s IAML Pn 20 11 51.3
EYAK Cordova Ski Ar 4.72 59 IAML Pn 20 10 51.2 -0.6
EYAK comp=N,32nm,0.5s IAML Pn 20 11 57.5
EYAK comp=E,27nm,0.6s IAML Pn 20 11 59.3
M14K Bethel 4.76 304 IAML Pn 20 12 16.4
SCM Sheeph Creek Mo 4.81 40 IAML Pn 20 10 53.0 -0.2
SCM comp=N,51nm,0.8s IAML Pn 20 12 09.8
K17K Iditarod 4.90 336 IAML Pn 20 10 54.5 +0.2
K17K comp=E,32nm,0.9s IAML Pn 20 12 17.9
K17K comp=N,28nm,0.8s IAML Pn 20 12 18.0
DIV Divide 4.98 52 IAML Pn 20 10 58.2 -0.3
DIV comp=N,44nm,0.3s IAML Pn 20 11 58.6
DIV comp=E,34nm,0.2s IAML Pn 20 12 01.1

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include KARP Karpathos, ZKR Zakros, ARG Arkhangelos, YAZI Mula-Datša, DAT Datca, IDI Anoyia, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include KAPH Katmai Pasha, KAHG Katmai Hook Gl, KARR Katmai Rainbow, KAWH Katmai, KAKN Katmai Knife C, Q19K Cape Douglas, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include M14K Bethel, SCM Sheeph Creek Mo, K17K Iditarod, DIV Divide, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include DALY Dallyn (Mula), DALY Dallyn, DALY Dallyn, AYDN Tasuluk, CAME Cameli-Denizli, DNZT Denizli-Tavas, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include MGLS Mageik Landli, KASU Katmai Buttes, ACHA Angle Creek He, CAHL Cahill, ANCK Angle Creek, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include M14K Bethel, SCM Sheeph Creek Mo, K17K Iditarod, DIV Divide, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include DGB zmir, TAVA DENIZLI Tavas, ESEK Aydn-Nazilli, DNIZ Denizli-Kiraz, KIRA zmir-Kiraz, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include Q16K King Salmon, Q16K Mt. Peulik Vol, P17K Kvichak River, O18K Koktuh Hills, O18K Kodiak Island, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include K20K Tana Lake, L15K Ungalak Mounta, RAGM Raggal Mountai, WAT7 Susitna Watana, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include MMAI Mount Meron Ar, MMAI Mount Meron Ar, KZIT Kziot, HMDT Nahal Hemdat, YTIR Yatir, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include Q16K King Salmon, P17K Kvichak River, O18K Koktuh Hills, O18K Kodiak Island, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include M24K Tolsona, Glenn, BMRM Bremner River, K15K Wolf Creek Mou, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include AKASG Malin Array Be, GERES GERESS Array B, HFS Hagfors, TORD Torodi Ar. Bea, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include O20K Slope Mountain, O16K Port Alsworth, R16K Pilot Point, R16K Kilaee Creek, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include ILAR Eielson Array, ILAR Eielson Array, O28M Mount Upton, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include KARP Karpathos, ZKR Zakros, ARG Arkhangelos, DAT Datca, IDI Anoyia, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include R16K Kilaee Creek, CHIR Chirikof Island, N17K Nushagak Hills, SPU Mount Spurr, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, PETK Petropavlovsk, etc.

25d 20h

Table with columns: Station Name, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AUGUSTINE LAVA, HOMER, REDOUBT VOLCAN, etc.

IDC 25:20:13:16.2:4.5, 35.44N:26.87E, h0km, mb3.7/3, mbtmp3.47, ML3.0/4, MS2.9/2, Error ellipse: s-maj=75.6km

s-min=31.6km az=38.0, SJA 25:20:33:5.0:0.8, 28.33S:0.03:69.24W, h113km, 7km, az=104.0

ISC 25:20:13:17.3:35.52N:26.77E, h6km, ML2.9/6, ISC 25:20:13:18.1:0.8, 35.42N:0.07:26.85E:0.05, h19km, n20, a=116/22, mb3.5/3, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KARPATHOS, ZAKROS, ARG, etc.

IDC 25:20:16:13.3:3.4, 12.01S:121.76E, h0km, mb3.1/1, mbtmp3.0/3, ML2.8/2, MS2.8/1, Error ellipse: s-maj=248.1km s-min=35.4km az=48.0, South of Timor

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WARRAMUNGA ARR, ASAR, TGY, etc.

IDC 25:20:19:25.1:2.9, 30.68N:140.44E, h67km, 25km, mb3.3/12, mbtmp3.6/15, MS2.9/9, Error ellipse: s-maj=23.9km

s-min=17.6km az=121.0, ISC 25:20:19:24.6:2.3, 30.80N:0.2:140.5E:0.3, h50km, n32, a=23/7, mb3.6/12, MS3.0/4, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like HACHIJIO JIMA 2, etc.

2020 MAY

Table with columns: Station Name, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JHU, JCJ, MJAR, etc.

SJA 25:20:33:5.0:0.8, 28.33S:0.03:69.24W, h116km, 3km, ML3.4, MW3.5

IDC 25:20:40:1.6:0.2, 34.5S:69.35W, h144km, 51km, mb3.2/3, mbtmp3.7/4, Error ellipse: s-maj=42.0km s-min=26.2km az=104.0

ISC 25:20:35:3.0:0.8, 28.33S:0.03:69.24W:0.03, h113km, 7km, az=104.0, Chile-Argentina border region

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

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Table with columns: Station Name, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like COMBARBAL, CORONEL FONTAN, etc.

IDC 25:20:21:37.0:1.3, 35.21N:26.80E, h0km, mb3.1/4, mbtmp3.1/8, ML2.8/3, Error ellipse: s-maj=31.3km

s-min=16.1km az=167.0, ISK 25:20:21:39.0, 35.53N:26.76E, h2km, ML3.0/18, THE 25:20:21:40.2, 36.1N:3.27E, h5km, 4km, M3.0/13, MLh3.0/13

ATH 25:20:21:40.2, 35.48N:26.78E, h12km, 2km, ML3.2/6, Latitude uncertainty: 3 km, Longitude uncertainty: 1 km

AFAD 25:20:21:43.5, 35.79N:26.85E, h24km, 2km, ML3.0/18, ISC 25:20:21:40.5:0.9, 35.52N:0.03:26.77E:0.02, h12km, 7km, n78, a=122/106, mb3.0/3, Crete

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KARPATHOS, ZAKROS, ARG, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like GVD, AYDN, AKAS, etc.

2022 19.4 +1.2
2022 19.2 +0.7
2022 21.5 +1.6
2022 21.8 +1.9
2022 22.4 +1.4
2022 22.8 +3.0
2023 01.1 -0.6
2022 23.9 +2.4
2022 22.7 +0.5
2023 00.0

IDC 25 20:23:48.9.1.2.35.45N.26.82E, h0km, mb3.4/4, mbmp3.3/9, ML3.2/6, Error ellipse: s-maj=26.8km s-min=16.4km az=164.0

ISK 25 20:23:48.5.35.58N.26.78E, h3km, ML3.2/13
AFAD 25 20:23:50.9.35.72N.27.01E, h16km, 1km, ML2.6
ISC 25 20:23:47.7.1.8.35.49N.0.05.26.83E.0.04, h7km, 12km, n48, i162/60, mb3.2/3, Crete

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KARP, ARG, YAZI, etc.

2022 19.4 +1.2
2022 19.2 +0.7
2022 21.5 +1.6
2022 21.8 +1.9
2022 22.4 +1.4
2022 22.8 +3.0
2023 01.1 -0.6
2022 23.9 +2.4
2022 22.7 +0.5
2023 00.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like EIL, ASF, AKAS, etc.

IDC 25 20:26:28.0.2.1.24.29S.67.01W, h167km, 20km, mb3.2/1, mbmp3.8/6, Error ellipse: s-maj=37.3km s-min=18.9km az=114.0

SJA 25 20:26:27.8.0.6.24.27S.67.18W, h195km, 4km, ML3.8, MW3.6
NEIC 25 20:26:29.0.1.8.24.29S.0.07.67.18W.0.07, h179km, 12km, mb4.4/3, ML4.0(GUC), Error ellipse: s-maj=11.7km s-min=6.9km az=220.0

GUC 25 20:26:31.7.0.7.24.15S.67.74W, h215km, 10km, ML4.0
ISC 25 20:26:27.9.0.7.24.27S.0.04.67.23W.0.04, h189km, 7km, n69, i145/99, 5C, Chile-Argentina border region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like SALTA, AFO1, SLA, etc.

2022 19.4 +1.2
2022 19.2 +0.7
2022 21.5 +1.6
2022 21.8 +1.9
2022 22.4 +1.4
2022 22.8 +3.0
2023 01.1 -0.6
2022 23.9 +2.4
2022 22.7 +0.5
2023 00.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like PB16, CFA, CFA, etc.

SJA 25 20:39:58.0.1.5.27.72S.71.55W, h47km, ML3.5, MW3.7
GUC 25 20:40:00.9.0.9.27.88S.71.13W, h24km, 5km, ML3.2
ISC 25 20:39:58.6.1.8.27.84S.0.03.71.23W.0.06, h9km, 11km, n21, i238/38, 2C, Near coast of northern Chile

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like AC01, AC04, G003, etc.

IDC 25 20:48:16.0.1.0.20.44S.172.74E, h0km, mb4.0/10, mbmp3.9/11, ML3.4/1, MS3.7/41, Error ellipse: s-maj=38.1km s-min=20.7km az=147.0
NEIC 25 20:48:18.2.5.20.72S.0.10.172.7E.0.1, h10km, 1km, mb4.8/29, Error ellipse: s-maj=19.9km s-min=15.8km az=115.0
GCMT 25 20:48:22.6.0.2.20.52S.0.02.172.52E.0.02, h22km, 1km, MW4.9/80, Moment Tensor Solution. s31.c36; s80.c104; Duration: 0 Moment tensor: Scale 10^18Nm; Mr-2.04; 16; Mv-1.20; 11; Mw-0.83; 10; Mw-0.44; 16; Mw-1.79; 26; Mw-0.29; 13; Best double couple: M2.52300x1016 NP1.0205.00000; 047.00000; A-117.00000; NP2.0.66.00000; 850.00000; 1.64.00000; Principal axes: T 2.8220, Plg2.0000; Azm229.0000; P -2.2250, Plg70.0000; Azm44.0000; nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
ISC 25 20:48:21.6.0.6.20.7S.0.1x172.7E.0.1, h35km, n110, i092/70, mb4.6/21, MS3.7/40, Vanuatu islands region

25d 21h

Table of station data for 25d 21h, including columns for station name, coordinates, and various parameters like SNR and frequency.

2020 MAY

Main table of station data for 2020 MAY, listing stations like KRUC Moravsky, ZVC Zivok, and others with their respective coordinates and parameters.

1640

Table of station data for 1640, including stations like APG, TXAR, PDAR, and others with their coordinates and parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BBGB Big Mountain B, PMPB Monarch Peak, PKD Bear Valley Ra, etc.

IDC 25 21:44:41.0-5.7, 58.08Sx147.88E, h0km, mb4.0/2, mbtmp4.0/2, MS3.6/8, Error ellipse: s-maj=354.8km s-min=49.8km az=83.0, West of Macquarie Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VVND Vanda, URZ Urewera, QSPA South Pole Qui, etc.

IDC 25 21:49:20.4-1.0, 35.46N, 26.80E, h0km, mb3.3/6, mbtmp3.3/3, ML3.0/7, MS2.6/2, Error ellipse: s-maj=21.9km s-min=14.5km az=171.0

ISK 25 21:49:22.5, 35.58N, 26.91E, h0km, ML3.3/15 THE 25 21:49:22.9, 36.1N, 27.7E, h0km, ML3.8/14

ATH 25 21:49:23.2, 35.58N, 26.75E, h7km, 2km, ML3.3/8, Latitude uncertainty: 2 km; Longitude uncertainty: 0 km

AFAD 25 21:49:25.3, 35.81N, 26.91E, h9km, 2km, ML2.8 GII 25 21:49:29.0, 0.0, 35.181N, 0.003, 26.988E, 0.001, h0km, Mvs3.4, confirmed

ISC 25 21:49:23.2, 0.6, 35.43N, 0.003, 26.82E, 0.02, h21km, 2km, n103, s1947/148, mb3.3/6, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KARP Karpathos, CCUT Cedar City, CVCS Carmenet Viney, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARG Arkhangelos, YAGI Mula-Datša, DAT Data, etc.

IDC 25 21:49:23.2, 0.6, 35.43N, 0.003, 26.82E, 0.02, h21km, 2km, n103, s1947/148, mb3.3/6, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANKY Antikythira Is, ODEM Odemis-Izmir, KIRA Kizir-Kiraz, etc.

IDC 25 21:49:23.2, 0.6, 35.43N, 0.003, 26.82E, 0.02, h21km, 2km, n103, s1947/148, mb3.3/6, Crete

ISK 25 21:49:22.5, 35.58N, 26.91E, h0km, ML3.3/15 THE 25 21:49:22.9, 36.1N, 27.7E, h0km, ML3.8/14

ATH 25 21:49:23.2, 35.58N, 26.75E, h7km, 2km, ML3.3/8, Latitude uncertainty: 2 km; Longitude uncertainty: 0 km

AFAD 25 21:49:25.3, 35.81N, 26.91E, h9km, 2km, ML2.8 GII 25 21:49:29.0, 0.0, 35.181N, 0.003, 26.988E, 0.001, h0km, Mvs3.4, confirmed

ISC 25 21:49:23.2, 0.6, 35.43N, 0.003, 26.82E, 0.02, h21km, 2km, n103, s1947/148, mb3.3/6, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KEST Kesra, GNI Gani, AKAS Malin Array Be, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, YKA Yeti-Knife Ar, IDC 25 21:58:18.7, etc.

IDC 25 21:58:18.7, 1.0, 35.58N, 26.78E, h0km, mb3.7/7, mbtmp3.6/14, ML3.4/7, MS3.1/4, Error ellipse: s-maj=20.9km s-min=14.1km az=166.0

ISK 25 21:58:19.5, 35.57N, 26.72E, h2km, ML3.8/14 THE 25 21:58:21.2, 36.1N, 27.7E, h0km, 3km, ML3.5/16, MLh3.5/16

ATH 25 21:58:21.2, 35.57N, 26.76E, h0km, 3km, ML3.6/16, Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

AFAD 25 21:58:22.6, 35.72N, 26.80E, h19km, 2km, ML3.2 ISC 25 21:58:21.1, 0.9, 35.49N, 0.003, 26.77E, 0.02, h18km, 5km, n124, s1939/156, mb3.5/6, Crete

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MANT Manisa, VLY Voula, KTTT Kulla-Manisa, etc.

KRNET 25-22:07:01.5:0.1, 42.63N:70.60E, mb3.3, mpc3.2, NNC 25-22:07:02.5:0.7, 43.56N:70.56E, h0km, mb3.3, mpc3.2, Error ellipse: s-maj=4.7km s-min=3.2km az=115.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KRBS Karabastau, KRBS Karabastau, KST Kasteik, etc.

IDC 25-22:15:26.7:4.2, 24.42S:178.92W, h0km, mb4.3/3, mbmp3.4/3, Error ellipse: s-maj=163.5km s-min=67.0km az=154.0, South of Fiji Islands

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

IDC 25-22:05:07.1:6.35:41N:26:85E, h0km, mb3.3/4, mbmp3.2/7, ML2.9/3, MS3.9/1, Error ellipse: s-maj=41.3km s-min=25.4km az=142.0

ISK 25-22:05:09.3:36:50N:26:78E, h8km, ML3.0/22, THE 25-22:05:09.3:36:50N:26:78E, h4km, ML2.9/8, ATH 25-22:05:09.3:36:50N:26:78E, h10km, ML3.2/8

Latitude uncertainty: 2 km; Longitude uncertainty: 1 km AFAD 25-22:05:10.9:35:76N:26:73E, h24km, 1km, ML2.6, ISC 25-22:05:09.8:0.9:35:52N:26:75E:0.04:26.75E:0.02:h12km,7km, n74, c1818/99, mb3.1/3, Crete

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKASG Malin Array Be, GERES GERESS Array B, GERES, etc.

KRSC 25-22:45:34.9:1.5, 50.35N:157.01E, h49km, 18km, MI3.7, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SKR Severo-Kuril's, PAU Pauzhetka, KDRTR Khodutka, etc.

IDC 25-22:55:30.1:9.8:52:76N:164:81W, h0km, mb3.1/2, mbmp3.2/4, ML3.2/2, Error ellipse: s-maj=164.0km s-min=54.8km az=84.0

AEIC 25-22:55:39.4:0.52:1N:0.1:163:0W:0.2, h10km, gkm, Error ellipse: s-maj=20.1km s-min=14.0km az=201.0, NEIC 25-22:55:42.0:1.6:52:59N:0.05:163:31W:0.09, h10km, 2km, mb3.6/25, ML3.3/14, ML3.4(AEIC), Error ellipse: s-maj=11.5km s-min=5.6km az=228.0

ISC 25-22:55:37.3:0.9:52:41N:0.07:163:15W:0.03, h10km, n100, c2870/109, mb3.2/3, South of Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKUSA Akutan Strait, AKUT Akutan, AKUT Akutan, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like HIN Hinchinbrook I, SML Sawmill, FID Port Fidalgo, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like AGPR Loma Pens Alta, EMPR Esperanza - Ma, EMPR Esperanza - Ma, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like EIL Elat, AKASG Malin Array Be, GERES GERES Array B, etc.

NEIC 25 23:04:40.7-1.4, 17.93N, 0.02-66.80W, 0.01, h10km, 1km, ML3.2/33, Md3.1/18(RSPR), Error ellipse: s-maj=3.5km s-min=2.7km az=12.0 OSPL 25 23:04:40.9-0.3, 17.94N, 66.83W, h18km, 1.1km, ML3.4, Presumed earthquake RSPR 25 23:04:41.0, 17.95N, 66.83W, h14km, MD3.1/18 SDD 25 23:04:41.3-1.1, 17.97N, 66.86W, h20km, 7km, MD3.1, ML2.9, MW3.1, Presumed earthquake Hypocentre not reviewed by the ISC ISC 25 23:04:39.8-1.2, 17.91N, 0.05-66.81W, 0.02, h20km, 2km, n40, c0532/63, 13C-2D, Puerto Rico region

25d 23h

Table with columns for station code, name, frequency, and signal strength. Includes stations like NLAI, SANI, INU, JGF, JNU, etc.

2020 MAY

Table with columns for station code, name, frequency, and signal strength. Includes stations like WRA, WRA, WRA, WRA, etc.

1644

Table with columns for station code, name, frequency, and signal strength. Includes stations like XAN, XAN, QLP, TPI, etc.

25d 23h

Table of 25d 23h results with columns for station, name, time, and various codes.

2020 MAY

Table of 2020 MAY results with columns for station, name, time, and various codes.

1646

Table of 1646 results with columns for station, name, time, and various codes.

Table with columns: Station Name, Time, Res, ISC, Code, Station Name, Time, Res, ISC, Code. Includes stations like PFO Pinyon Flats O, BOZ Bozeman (W), PMD Palm Desert, etc.

Table with columns: Station Name, Time, Res, ISC, Code, Station Name, Time, Res, ISC, Code. Includes stations like Y14A San Rafael SWS, SRU San Rafael SWS, P18A Preston Nutter, etc.

Table with columns: Station Name, Time, Res, ISC, Code, Station Name, Time, Res, ISC, Code. Includes stations like MODS Modra-Piesok, BTNL Tarnell, TAM Tamnasset, etc.

26d 2h

Table with 6 columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WAKE ISLAND, WARRAMUNGA ARR, MKAR, SONMI, SONM.

NNC 26 01:56:23.3±0.4, 42.96N±78.09E, h0km±2km, mb2.6, mpv2.9, Error ellipse: s-maj=4.2km s-min=1.6km az=173.0

Main table for 26d 2h section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Lists various stations and their tracking data.

NIED 26 02:03:52.8±39.25N, 143.01E, h21km, MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm

2020 MAY

s-min=27.3km az=81.0 ISC 26 02:03:52.4±3.7, 39.24N±0.05±143.00E±0.09, h13km±24km, m0±1.05±25, mb3.7/4, Near east coast of eastern Honshu

Main table for 2020 MAY section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Lists stations like MIYU, OFUJ, JTH, JKM, etc.

RSNC 26 02:09:55.1±0.0, 5.2°N±2.7°W±1, h51km±2km, M1.1, ML1.0, Colombia

Table for Colombia section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Lists stations like PLMC, CBOC, GUY2, etc.

RSNC 26 02:10:03.6±0.0, 7.1°N±1.7°W±1, h143km±2km, M1.7, ML1.5, Northern Colombia

Table for Northern Colombia section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Lists stations like BARC, RARC, RUCS, etc.

JMA 26 02:18:14.7±0.4, 31°N±1°14'E±1, h0km, MV4.5/27, NEAR TORISHIMA IS

Main table for 2020 MAY section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Lists stations like JAO, JMCJ, JHJ, etc.

1652

comp=Z,259nm,19.0s,baz=125,slow=37 0.5m,0.5s KSAW Wonnj Array Be Dalian 11.98 305 Pn Pn 02 21 19.2 +3.3

Main table for 1652 section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Lists stations like DL2, DL2, DL2, etc.

RSNC 26 02:09:55.1±0.0, 5.2°N±2.7°W±1, h51km±2km, M1.1, ML1.0, Colombia

Table for Colombia section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Lists stations like H1N2, H1N1, H1N3, etc.

RSNC 26 02:10:03.6±0.0, 7.1°N±1.7°W±1, h143km±2km, M1.7, ML1.5, Northern Colombia

Table for Northern Colombia section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Lists stations like YAK, YAK, YAK, etc.

JMA 26 02:18:14.7±0.4, 31°N±1°14'E±1, h0km, MV4.5/27, NEAR TORISHIMA IS

Main table for 1652 section with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Lists stations like GAMB, COEN, COEN, etc.

1653 **2020 MAY** 26d 2h

F15K	North Star Dit	47.88	27	P	P	02 26 56.2 +0.1
G15K	Niukuk	47.90	28	P	P	02 26 57.0 +0.7
L15K	Ungalik Mounta	48.19	33	P	P	02 26 59.3 +0.8
CHNA	Chernabura Isl	48.26	42	P	P	02 26 59.6 +0.5
NR1K	Norilsk	48.30	338	P	P	02 27 00.2 +1.0
NR1K	comp=Z,1.7nm,0.5s,baz=175,slow=4.6,SNR=4.7					02 49 00.3
K15K	Wolf Creek Mout	48.30	32	P	Iamb	02 27 01.1 +1.7
K15K	comp=Z,10nm,1.1s					02 27 07.5
K15K	Wolf Creek Mout	48.30	32	P	P	02 27 00.0 +0.6
M15K	Kasigluk River	48.39	34	P	P	02 27 01.0 +1.0
S14K	Fog Glacier	48.39	40	P	P	02 27 00.6 +0.3
C16K	Lisburne Hills	48.49	24	P	Iamb	02 27 02.5 +1.7
C16K	comp=Z,10nm,1.2s					02 27 08.6
C16K	Lisburne Hills	48.49	24	P	P	02 27 01.0 +0.3
H16K	Elim	48.55	29	P	P	02 27 01.7 +0.5
O15K	Ungalikthiuk R	48.58	36	P	P	02 27 01.8 +0.3
N15K	Kwethluk River	48.59	35	P	P	02 27 02.0 +0.4
J16K	Anvik River	48.93	31	P	P	02 27 04.5 +0.3
KURK	Kurchatov	48.98	312	P	P	02 27 03.6 -1.1
I17K	Unalakleet	49.02	30	P	P	02 27 05.4 +0.6
CHGN	Chignik	49.03	40	P	P	02 27 05.8 +0.8
KURBB	Kurchatov Arra	49.04	312	P	P	02 27 04.3 -0.9
KURBB	comp=Z,1.3nm,0.7s,baz=90,slow=7.4,SNR=1.6					02 28 26.2 -1.3
KURBB	comp=Z,0.5nm,0.6s,baz=96,slow=5.7,SNR=4.7					02 49 15.3
D17K	Noatak River	49.10	25	P	P	02 27 06.2 +0.8
L16K	Owhat River	49.14	33	P	P	02 27 06.4 +0.6
M16K	Timber Creek	49.27	34	P	P	02 27 07.6 +0.7
RDOG	Red Dog Mine	49.28	25	P	P	02 27 07.4 +0.7
N16K	Nishilik Lake	49.29	35	P	P	02 27 07.5 +0.6
C17K	Delong Mountai	49.32	24	P	P	02 27 07.6 +0.5
E17K	Hotham Inlet	49.38	26	P	P	02 27 08.0 +0.5
G17K	Kiwalik Mounta	49.41	28	P	P	02 27 08.6 +0.8
F17K	Baldwin Pennin	49.42	27	P	Iamb	02 27 09.5 +1.0
F17K	comp=Z,5.8nm,0.9s					02 27 08.3 +0.5
P16K	Nushagak River	49.50	37	P	P	02 27 09.0 +0.5
O16K	Kokwok River B	49.51	36	P	P	02 27 09.1 +0.5
R16K	Pilot Point	49.58	39	P	P	02 27 09.8 +0.6
H17K	Granite Mounta	49.58	29	P	P	02 27 09.6 +0.4
J17K	VABM Dome	49.62	31	P	Iamb	02 27 11.4 +1.9
J17K	comp=Z,12nm,1.4s					02 27 18.2
J17K	VABM Dome	49.62	31	P	P	02 27 10.1 +0.6
L17K	Donlin	49.76	33	P	P	02 27 11.1 +0.6
K17K	Iditarod	49.85	32	P	Iamb	02 27 13.2 +2.0
K17K	comp=Z,7.7nm,1.1s					02 27 50.0
K17K	Iditarod	49.85	32	P	P	02 27 11.9 +0.7
E18K	Tukpahlearik C	49.93	26	P	P	02 27 13.7 +2.0
E18K	Tukpahlearik C	49.93	26	P	P	02 27 12.4 +0.7
GS1	Gunungsitoli	50.01	242	P	P	02 27 12.8 -0.3
O17K	Koliganek Bris	50.03	36	P	P	02 27 13.2 +0.6
M17K	Hollina River	50.06	34	P	P	02 27 13.1 +0.3
C18K	Utukok River	50.06	24	P	Iamb	02 27 14.2 +1.4
C18K	comp=Z,8.0nm,1.1s					02 27 15.2
C18K	Utukok River	50.06	24	P	P	02 27 13.2 +0.3
N17K	Nushagak Hills	50.07	35	P	P	02 27 13.1 +0.2
F17K	Selawik	50.08	27	P	P	02 27 13.4 +0.6
R18K	Mt. Peulik Vol	50.24	39	P	P	02 27 14.6 +0.4
H18K	Honhosa River	50.27	29	P	Iamb	02 27 15.8 +1.4
H18K	comp=Z,5.6nm,0.9s					02 27 16.7
H18K	Honhosa River	50.27	29	P	P	02 27 14.6 +0.2
G18K	Tagagawik	50.31	28	P	Iamb	02 27 15.8 +1.2
G18K	comp=Z,5.1nm,0.9s					02 27 23.4
G18K	Tagagawik	50.31	28	P	P	02 27 15.4 +0.7
P17K	Kvichak River	50.31	37	P	P	02 27 15.4 +0.7
L18K	Granite Mounta	50.52	33	P	P	02 27 16.5 +0.2
CHIR	Chirikof Islan	50.57	41	P	P	02 27 17.1 +0.4
A19K	Wainwright	50.59	22	P	P	02 27 17.2 +0.6
N18K	Kilae Creek	50.72	35	P	P	02 27 18.2 +0.4
C19K	Lookout Ridge	50.75	24	P	Iamb	02 27 19.9 +1.9
C19K	comp=Z,9.1nm,1.1s					02 27 26.2
C19K	Lookout Ridge	50.75	24	P	P	02 27 18.6 +0.6
GCSA	Galena City Sc	50.82	30	P	P	02 27 18.7 +0.3
M18K	Stony River	50.84	34	P	P	02 27 19.4 +0.8
F19K	Shaleruckik Mo	50.86	27	P	P	02 27 20.3 +1.6
F19K	Shaleruckik Mo	50.86	27	P	P	02 27 19.2 +0.5
P18K	Big Mountain,	50.95	37	P	P	02 27 19.9 +0.4
G19K	Purcell Mounta	50.99	28	P	P	02 27 20.9 +1.2
G19K	Purcell Mounta	50.99	28	P	P	02 27 20.0 +0.3
O18K	Koktuh Hills	50.99	36	P	P	02 27 19.9 0.0
Q18K	Katmai Hardscr	51.01	37	P	P	02 27 20.1 -0.1
WRA	Warramunga Arr	51.06	187	P	P	02 27 14.3 -6.4
D19K	Kuna River	51.11	25	P	P	02 27 21.1 +0.4
H19K	Roundabout Mou	51.13	29	P	Iamb	02 27 22.5 +1.8
H19K	comp=Z,6.2nm,0.9s					02 27 23.4
H19K	Roundabout Mou	51.13	29	P	P	02 27 21.5 +0.7
E19K	Redstone River	51.20	26	P	Iamb	02 27 22.9 +1.6
E19K	comp=Z,5.3nm,0.8s					02 27 23.9
E19K	Redstone River	51.20	26	P	P	02 27 22.0 +0.7
J19K	Poorman	51.24	31	P	Iamb	02 27 23.3 +1.7
J19K	comp=Z,8.2nm,1.5s					02 27 32.1
J19K	Poorman	51.24	31	P	P	02 27 21.6 0.0

L19K	White Mountain	51.37	33	P	P	02 27 23.0 +0.4
SII	Sitkinak Islan	51.39	40	P	P	02 27 23.1 +0.3
N19K	Bonanza Creek	51.42	35	P	P	02 27 23.8 +0.6
O19K	Port Alsworth	51.46	36	P	P	02 27 23.5 +0.2
M19K	Big River Lodg	51.56	33	P	P	02 27 24.5 +0.4
F20K	Avaraart Lake	51.69	27	P	P	02 27 26.4 +1.4
F20K	Avaraart Lake	51.69	27	P	P	02 27 26.1 +1.2
D20K	Etiuk River	51.70	25	P	P	02 27 26.4 +1.4
D20K	Etiuk River	51.70	25	P	P	02 27 25.8 +0.8
Q19K	Cape Douglas,	51.74	37	P	P	02 27 26.1 +0.7
E20K	Nigu River	51.76	25	P	P	02 27 25.9 +0.4
H20K	Anotleneega Mo	51.77	29	P	P	02 27 26.4 +0.8
B20K	Meade River	51.81	23	P	P	02 27 27.3 +1.5
B20K	Meade River	51.81	23	P	P	02 27 26.5 +0.7
I20K	Naahdeneel	51.84	30	P	P	02 27 26.2 +0.1
K20K	Telida	51.85	32	P	Iamb	02 27 27.8 +1.6
K20K	comp=Z,6.6nm,0.9s					02 27 29.1
K20K	Telida	51.85	32	P	P	02 27 26.4 +0.2
OHAK	Old Harbor	51.88	39	P	P	02 27 27.1 +0.6
J20K	Nowinta River	51.91	30	P	Iamb	02 27 28.2 +1.7
J20K	comp=Z,7.9nm,1.1s					02 27 34.6
J20K	Nowinta River	51.91	30	P	P	02 27 27.3 +0.7
P19K	Oil Pt	51.98	36	P	P	02 27 27.9 +0.7
M20K	Kodiak Island	52.15	33	P	P	02 27 29.3 +0.7
KDAK	Kodiak Island	52.27	39	P	LR	02 49 33.0
KDAK	comp=Z,3.4nm,19.6s,baz=247,slow=36					02 27 29.8 +0.5
O20K	Slope Mountain	52.30	36	P	P	02 27 30.1 +0.4
A21K	Barrow	52.32	21	P	P	02 27 30.1 +0.6
C21K	Knifeblade Rid	52.44	24	P	P	02 27 31.5 +1.0
G21K	Allakaket	52.48	28	P	Iamb	02 27 32.7 +1.9
G21K	comp=Z,3.7nm,0.8s					02 27 33.7
G21K	Allakaket	52.48	28	P	P	02 27 31.9 +1.1
SPCR	Spurr Chakacha	52.55	34	P	P	02 27 31.9 +0.4
F21K	Alatna River	52.59	27	P	P	02 27 31.9 +0.3
B21K	Ikpikpuk River	52.59	24	P	P	02 27 33.6 +2.1
B21K	Ikpikpuk River	52.59	24	P	P	02 27 32.1 +0.6
E21K	Kilik River	52.60	25	P	P	02 27 32.4 +0.7
AAK	Ala-Archa	52.60	302	P	LR	02 50 56.1
H21K	Melozitna River	52.65	29	P	Iamb	02 27 32.2 +1.1
H21K	comp=Z,5.3nm,0.8s					02 27 34.9
H21K	Melozitna River	52.65	29	P	P	02 27 32.9 +0.9
PLLA	Purkeypile	52.66	32	P	P	02 27 32.6 +0.2
CHUM	Lake Minchumini	52.68	31	P	P	02 27 32.7 +0.4
CAST	Castle Rocks	52.74	32	P	Iamb	02 27 33.9 +1.0
CAST	comp=Z,5.8nm,1.1s					02 27 40.8
CAST	Castle Rocks	52.74	32	P	P	02 27 33.2 +0.4
A22K	Sinclair Lake	52.76	22	P	P	02 27 32.8 +0.1
SKT	Skwentna	52.91	33	P	P	02 27 34.2 +0.1
I21K	Tanana	52.94	29	P	P	02 27 34.4 +0.2
F22K	John River	53.12	26	P	P	02 27 35.6 +0.1
B22K	Teshekpuk Lake	53.13	23	P	Iamb	02 27 36.9 +1.4
B22K	comp=Z,1.1nm,1.4s					02 27 54.8
B22K	Teshekpuk Lake	53.13	23	P	P	02 27 35.6 +0.2
BRSE	Bray Lake S	53.24	36	P	P	02 27 36.4 -0.1
H22K	Ishlailitna Cre	53.26	28	P	Iamb	02 27 38.4 +1.8
H22K	comp=Z,4.1nm,0.8s					02 27 39.7
H22K	Ishlailitna Cre	53.26	28	P	P	02 27 37.1 +0.5
L22K	Petersville	53.29	33	P	P	02 27 37.2 +0.3
G22K	Bettes	53.31	27	P	P	02 27 37.2 +0.3
E22K	Anaktuvuk Pass	53.34	26	P	Iamb	02 27 38.8 +1.6
E22K	comp=Z,5.8nm,0.8s					02 27 39.9
MLY	Manley	53.45	30	P	Iamb	02 27 39.4 +1.4
MLY	comp=Z,5.0nm,1.0s					02 27 40.8
MLY	Manley	53.45	30	P	P	02 27 38.0 0.0
TRF	Thorofare Moun	53.55	32	P	P	02 27 39.0 0.0
D23K	Nanushuk River	53.87	25	P	Iamb	02 27 42.9 +2.0
D23K	comp=Z,6.3nm,1.0s					02 27 49.7
D23K	Nanushuk River	53.87	25	P	P	02 27 41.6 +0.6
G23K	Banza Creek	53.88	28	P	P	02 27 42.8 +1.7
G23K	Banza Creek	53.88	28	P	P	02 27 41.8 +0.7
SEW	Seward	53.89	36	P	P	02 27 41.7 +0.5
BVAR	Borovoye Array	53				

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kahutara, Waihua, Arah, Hossack Road, etc.

AZER 26 02:48:57.2, 38:40N:44:63E, h2km, ml2.5
AFAD 26 02:48:59.8, 38:38N:44:43E, h8km, 3km, ML2.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Van, Ozalp-Mer, Hakkari-Yksek, etc.

SJA 26 02:54:30.1 to 0.7, 28:82S:71:50W, h23km, 2km, ML3.3, MW3.5

GUC 26 02:54:32.3 to 0.7, 28:78S:71:48W, h30km, 10km, ML3.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Llanos de Chal, Las Campanas, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Copiapo, Juntas del Tor, El Pedregal, etc.

ICD 26 03:07:12.3 to 2.5, 38:02N:20:60E, h0km, mb3.6/5, mbmp3.4/8, ML2.7/3, Error ellipse: s-maj=44.5km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Leoncito, Catalipol, Coronel Fontan, etc.

ICD 26 03:07:15.5 to 0.7, 38:12N:0:02 to 0.2, 43E:0:03, h17km, 4km, n70, c085/98, mb3.5/5, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kefalonia, Argostoli, Lixouri, Cepha, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Ampelaki, Agrapidokambos, University Cam, etc.

DJA 26 03:07:16.6 to 0.2, 3:3'S:13:0'E, h10km, M3.2/12, ML3.2/12, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Masohi, Karang Ratu, etc.

ICD 26 03:20:53.3 to 1.0, 35:55N:26:73E, h0km, mb3.5/5, mbmp3.5/10, ML2.9/4, Error ellipse: s-maj=25.4km

ATH 26 03:20:54.9, 35:51N:26:74E, h8km, 2km, ML3.3/7, Latitude uncertainty: 1 km; Longitude uncertainty: 0 km

THE 26 03:20:55.1, 36:14N:2:7E, h8km, 4km, M3.2/8, ML3.3/2/8

ISK 26 03:20:57.2, 35:66N:26:88E, h6km, ML3.3/2/1

AFAD 26 03:20:57.4, 35:72N:26:82E, h24km, MW3.6

ISC 26 03:20:55.1 to 0.9, 35:48N:0:03 to 26:75E:0:02, h15km, 6km, n89, c198/126, mb3.4/5, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Karpathos, Zakros, Sitaia, Neapolis, etc.

26d 3h

Table of station data for 26d 3h, including station names, codes, coordinates, and various parameters like SNR and error rates.

2020 MAY

Table of TXAR and QSPA station data for May 2020, including coordinates and parameters.

IDD 26 03:40:16.71-2.35'46N:26'84E, h0km, mb3.6/5, mbtmp3.6/9, ML3.1/5, MS2.8/4, Error ellipse: s-maj=25.3km s-min=14.8km az=162.0

AFAD 26 03:40:20.9, 35.71N:26.90E, h12km, 1km, ML3.0, ISC 26 03:40:19.0, 1.0, 35.56N:0.03, 26.75E:0.02, h9km, 7km, n1, -159/120, mb3.4/4, Create

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

NOU 26 03:46:59.3, 22'47S:170'83E, h0km, ML4.9/10, Southeast of Loyalty Islands

NEIC 26 03:46:59.2, 1.0, 22'55S:0.1, 170'88E:0'08, h10km, 1km, mb4.7/21, Error ellipse: s-maj=17.1km s-min=12.5km az=5.0

GCMT 26 03:46:59.2, 0.2, 22'79S:0'02, 171'09E:0'01, h18km, 1km, MW5.0/92, Moment Tensor Solution, s23, c28; s92, c128; Duration: 0 Moment Tensor Scale 1016Nm; Mr=1.92e18; Mw=1.15e11; Ms=3.06e12; Me=1.94e36; Mw0.71e07; Mw0.81e21; Best double couple: Ms3.45900e10; NP1=462.00000; s52.00000; lambda=36.00000; NP2: o=156.00000; s63.00000; lambda=136.00000; Principal axes: T 3.2330, Plg6.0000; Azm276.0000; N 0.4420, Plg40.0000; Azm181.0000; P -3.6850, Plg50.0000; Azm14.0000; Azm1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 26 03:47:01.7, 0.4, 22'56S:0'07, 171'02E:0'05, h42km, n154, s=1850/121, mb4.7/25, MS3.8/40, 11D, Southeast of Loyalty Islands

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

CHAN Chania 2.21 270 P Pn 03 40 55.9 +0.1

IMMV Iera Moni Meta 2.26 268 Pn Pn 03 40 58.9 -1.1

AYDN Tasoluk 2.29 23 P Pn 03 40 58.3 +1.4

AVD Gavdhos 2.30 253 Pn Pn 03 40 58.9 +1.9

AKAS KAS 2.41 73 Pn Pn 03 41 02.7 +1.7

CAME Camei-Denizli 2.48 55 Pn Pn 03 41 01.0 +1.3

DGB zmir 2.49 2 Pn Pn 03 40 59.7 0.0

DNZT Denizli-Tavas- 2.51 46 P S S 03 41 02.2 -1.1

CHOS Chios Island 2.58 264 Pn Pn 03 41 03.2 +2.4

ENSR Palaiochora Ch 2.58 29 Pn Pn 03 41 02.7 +1.9

TAVA DENIZLI, Tavas 2.58 42 S S 03 41 02.7 +1.7

CAEL Denizli, Camel 2.59 52 P Pn 03 41 04.1 -1.7

Table of MLR station data, including station names, codes, coordinates, and parameters.

Table of AKASG station data, including station names, codes, coordinates, and parameters.

Table of DAVOX station data, including station names, codes, coordinates, and parameters.

Table of TORO station data, including station names, codes, coordinates, and parameters.

Table of KURBA station data, including station names, codes, coordinates, and parameters.

Table of MKAR station data, including station names, codes, coordinates, and parameters.

Table of MARNC station data, including station names, codes, coordinates, and parameters.

Table of MARNC station data, including station names, codes, coordinates, and parameters.

Table of MARNC station data, including station names, codes, coordinates, and parameters.

Table of MARNC station data, including station names, codes, coordinates, and parameters.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GUMU Guam, SIJI Sorong, BATHI Baumata, etc.

2020 MAY

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like WINA Alland / Wiene, NKC Novy Kostel, RONAR Rosalia, Austria, etc.

26d 4h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like APMY Acipayam-Deniz, ESEN Aydn-Nazilli, DENIZ Denizli-Tavas, etc.

26d 4h

ML3.5/14, ML3.2(AEIC), Error ellipse: s-maj=17.3km s-min=7.5km az=170.0
AEIC 26 04:12:51.2-1.5, 51.8N, 0.1:172.02W, 0.07, h17km, 6km,
Error ellipse: s-maj=18.9km s-min=6.0km az=176.0
ISC 26 04:12:52.2-1.7, 52.1N, 0.2:172.03W, 0.07, h17km, 2km,
n37, r154/39, mb3.2/3, Andreonoff Islands

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC, h m s, ISC. Lists various stations like Korovin Southe, Korovin Flat P, Atka Island, etc.

IDC 26 04:25:52.0-1.5, 34.12N, 25.64E, h0km, mb3.6/4,
mbtmp3.6/5, ML4.3/1, Error ellipse: s-maj=48.7km
s-min=24.0km az=150.0
NEIC 26 04:25:54.3-1.4, 34.21N, 0.08:25.58E, 0.07, h10km, 2km,
mb4.0/8, Error ellipse: s-maj=15.8km s-min=6.1km
az=150.0

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC, h m s, ISC. Lists stations like Anoyia, Kas, Elmati, etc.

NOU 26 04:26:52.4, 22.40S, 177.43W, h339km, mb4.3/11, South
of Fiji Islands
NEIC 26 04:26:54.3-1.2, 22.4S, 0.1:178.2W, 0.1, h346km, 7km,
mb4.3/27, Error ellipse: s-maj=18.8km s-min=16.8km
az=177.0
IDC 26 04:26:56.3-0.2, 22.14S, 178.25W, h374km, 28km, mb3.1/7,
mbtmp3.9/8, Error ellipse: s-maj=34.3km s-min=18.7km
az=141.0

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC, h m s, ISC. Lists stations like Tubou, Lansnavu, etc.

2020 MAY

Main table with columns: NIUE, OUZ, OUA, etc. Lists numerous stations and their coordinates, including Omahuta, Matakaoa Point, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC, h m s, ISC. Lists stations like KARP, EKA, BRTR, etc.

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Table with columns: KARP, KARP, ZKR, etc. Lists stations like Karpathos, Zakros, Neapolis, etc.

IDC 26 04:37:24.4-1.1, 34.17N, 25.62E, h0km, mb4.0/14,
mbtmp4.0/21, ML3.4/6, MS3.2/5, Error ellipse:
s-maj=20.2km s-min=14.8km az=6.0
NEIC 26 04:37:25.4-1.8, 34.11N, 0.04:25.66E, 0.07, h10km, 1km,
mb4.2/26, Error ellipse: s-maj=9.5km s-min=7.0km
az=68.0

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC, h m s, ISC. Lists stations like Anoyia, Kas, Elmati, etc.

Table with columns: MOA, Mollin, 16.18 331 ePn, P, 04 41 17.0 +1.1, etc. Lists various stations and their associated data.

MEX 26 04:39:52.8.0.4, 14.62N:92.27W, h85km, 7km, MD3.6, Presumed earthquake

GCG 26 04:39:54.9.0.9, 14.59N:92.28W, h30km, 7km, MD3.4, Presumed earthquake

ISC 26 04:39:52.8.2.2, 14.4N:02.92.4W:0.1, h43km, 44km, n12, c188/11, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, etc.

Main table with columns: STG8, EI Palmer, Qui, 1.00 88 iP, Pn, 04 40 08.2 -2.4, etc. Lists stations and their associated data.

Table with columns: YKA, Yellowknife Ar, 78.41 343 P, P, 04 53 14.2 -0.6, etc. Lists stations and their associated data.

26d 5h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for KBZ Khabaz, AKASO Malin Array Be, GERES GERES Array B, etc.

OMAN 26 04:47:07.7 ± 1.7, 29.88N:51.62E, h10km, mb3.6/20, Error ellipse: s-maj=32.7km s-min=2.0km az=333.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for QIR1 Qir, JHRM Jahrom, KHLI Khalili Fars, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for MSFE Esma-Masafi, NAZ Nazwa, MDH Madha, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for ASHO Ashiyah, MZWR Madinat Zayed, ALNE Al Ain, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for UMZA Um Al Zommoq, HQQ Hoqan, BIDZA Bidbid, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for GERES GERES Array B, FINES FINESS Array B, HFS Hagfors, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for NOA NORSAF Array B, YKA Yellowknife Ar, etc.

ASRS 26 05:01:07.0 ± 1.1, 54.66N:83.62E, h0km, M2.3(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

2020 MAY

SSNC 26 05:12:05.2 ± 0.8, 17.91N:73.31W, h5km, MD3.2, ML1.9, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for JIDR Jimani, LOBH Bahía de las A, LODOU El Espartillar, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for LOVI El Cajuil, NEDR Neiba UASD, LONE3 El Aguacate, B, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for PODR Polo, SDDR Presa de Saban, SDDR Presa de Saban, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for MASC Masc, MASC Masc, MASC Masc, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for GTBY Guantanamo Bay, QMBU Quimbuelo, BANI BANI, etc.

IDC 26 05:18:17.2 ± 0.4, 46.58N:153.47E, h0km, mb5.1/35, mbtmps 1.4/2, ML4.4/6, MS4.9/78, Error ellipse: s-maj=11.8km s-min=10.0km az=138.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for REI Reidovoe, REI 880nm, REI 1µm, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for REI Reidovoe, REI 880nm, REI 1µm, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for KUR Severo-Kuril's, SKR Severo-Kuril's, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for SKR Severo-Kuril's, SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for GLVR Golovino, GLVR Golovino, GLVR Golovino, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for GLVR Golovino, GLVR Golovino, GLVR Golovino, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for GLVR Golovino, GLVR Golovino, GLVR Golovino, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for GLVR Golovino, GLVR Golovino, GLVR Golovino, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for GLVR Golovino, GLVR Golovino, GLVR Golovino, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for GLVR Golovino, GLVR Golovino, GLVR Golovino, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes entries for GLVR Golovino, GLVR Golovino, GLVR Golovino, etc.

UGL	comp=N,13um,15.0s	MLR	MLR				
UGL	comp=E,21um,15.0s	MLR	MLR				
UGL	comp=Z,21um,15.0s	MLR	MLR				
UGL	Uglegorisk	8.12 293	eP	Pn	05 20 21.3 +4.3		
UGL	comp=Z,320nm,0.7s	AMB	AMB		05 20 23.9		
UGL	comp=Z,5um,5.9s	A	A		05 20 26.8		
UGL	comp=Z,2um,5.0s	eS	A		05 22 04.4		
UGL	comp=Z,2um,5.0s	A	A		05 22 04.4		
UGL	comp=Z,2um,5.0s	AMS	AMS		05 23 30.0		
UGL	comp=Z,13um,15.0s	AMS	AMS		05 23 30.0		
JCH	Keihoku	8.19 266	eP	Pn	05 20 23.1 +5.1		
JCH	Churui	8.23 245	eP	Pn	05 20 17.9 -0.7		
JCH	Tymovskoe	8.39 305	eS	Pn	05 21 46.0 -5.0		
TYV			eS	Pn	05 20 25.0 +4.3		
TYV			eS	Pn	05 22 03.9 +9.0		
TYV	comp=Z,200nm,0.8s		pmax	pmax			
TYV	comp=Z,3um,4.5s		pmax	pmax			
TYV	comp=N,73nm,1.2s		smax	smax			
TYV	comp=E,50nm,1.2s		smax	smax			
TYV	comp=N,2um,6.8s		smax	smax			
TYV	comp=E,2um,6.8s		smax	smax			
TYV	comp=Z,23um,16.0s		MLR	MLR			
TYV	comp=N,17um,14.0s		MLR	MLR			
TYV	Tymovskoe	8.39 305	eP	Pn	05 20 24.8 +4.1		
TYV			AMB	AMB	05 20 29.0		
TYV	comp=N,160nm,0.8s		AMB	AMB	05 20 30.8		
TYV	comp=N,3um,4.5s		eS	A	05 21 54.0 -0.9		
TYV	comp=N,70nm,0.6s		A	A	05 22 05.1		
TYV	comp=N,50nm,0.6s		A	A	05 22 12.3		
TYV	comp=N,2um,7.0s		A	A	05 22 12.3		
TYV	comp=N,2um,7.0s		AMS	AMS	05 23 52.4		
TYV	comp=N,17um,14.0s		AMS	AMS	05 23 52.4		
TYV	comp=N,23um,14.0s		AMS	AMS	05 23 52.4		
JAB	Ashibetsu	8.54 253	P	Pn	05 20 25.1 +2.2		
JEM	Erimo	8.69 242	P	Pn	05 20 25.0 +0.2		
JRN	Reburton	8.74 267	P	Pn	05 20 29.4 +3.9		
JNBK	Urakawa-nobuka	8.79 245	eP	Pn	05 20 24.8 -1.5		
JNBK			A	A	05 20 24.8		
OKH	Okha	9.78 320	eP	Pn	05 20 34.0 -5.7		
OKH			MLR	MLR			
OKH	comp=E,17um,15.0s		MLR	MLR			
OKH	comp=N,13um,15.0s		MLR	MLR			
OKH	comp=Z,9um,14.0s		MLR	MLR			
OKH	Okha	9.78 320	eP	Pn	05 20 43.4 +3.7		
OKH			eS	Pn	05 22 29.8 +0.8		
OKH			AMS	AMS	05 25 30.2		
OKH	comp=Z,13um,16.0s		AMS	AMS	05 25 30.2		
NKL	Nikolayevsk	10.60 313	eP	Pn	05 20 53.7 +2.7		
NKL			pmax	pmax			
NKL	comp=N,120nm,0.7s		pmax	pmax			
NKL	comp=E,274nm,1.0s		pmax	pmax			
NKL	comp=Z,441nm,1.0s		MLR	MLR			
NKL	comp=N,24um,14.0s		MLR	MLR			
NKL	comp=E,80um,14.0s		MLR	MLR			
NKL	comp=Z,87um,14.0s		MLR	MLR			
NKL	Nikolayevsk	10.60 313	eP	Pn	05 20 53.7 +2.7		
NKL			AMB	AMB	05 20 53.7		
NKL	comp=Z,440nm,0.7s		AMS	AMS	05 26 07.8		
NKL	comp=Z,24um,14.0s		AMS	AMS	05 26 07.8		
NKL	comp=Z,80um,14.0s		AMS	AMS	05 26 07.8		
JANG	Nango	10.66 239	eP	Pn	05 20 47.8 -4.1		
JANG			S	Pn	05 22 39.7 -1.1		
JTM	Tenmabayashi	10.68 242	eP	Pn	05 20 50.0 -2.1		
JTH	Tanohata	10.74 236	eP	Pn	05 20 49.1 -3.9		
JTH			S	Pn	05 22 40.9 -1.2		
TEY	Ternei	11.90 269	eP	Pn	05 21 12.0 +3.2		
TEY			pmax	pmax			
TEY	comp=E,20nm,0.7s		pmax	pmax			
TEY	comp=Z,20nm,0.7s		pmax	pmax			
TEY	comp=Z,400nm,7.0s		pmax	pmax			
TEY	comp=E,500nm,5.9s		pmax	pmax			
TEY	comp=N,100nm,7.3s		pmax	pmax			
TEY	Ternei	11.90 269	eP	Pn	05 21 12.0 +3.2		
TEY			AMB	AMB	05 21 12.7		
TEY	comp=N,20nm,0.7s		AMB	AMB	05 21 17.8		
TEY	comp=N,100nm,7.0s		AMB	AMB	05 21 17.8		
TEY	comp=N,500nm,7.0s		AMB	AMB	05 21 17.8		
GRNR	Gornyy	12.07 297	iP	Pn	05 21 15.6 +4.5		
GRNR			pmax	pmax			
GRNR	comp=Z,20nm,0.7s		MLR	MLR			
GRNR	comp=E,12um,16.0s		MLR	MLR			
GRNR	comp=Z,14um,16.0s		MLR	MLR			
GRNR	comp=N,3um,13.0s		MLR	MLR			
GRNR	Gornyy	12.07 297	eP	Pn	05 21 15.6 +4.5		
GRNR			AMS	AMS	05 26 04.0		
GRNR	comp=N,3um,15.0s		AMS	AMS	05 26 04.0		
MA2	Magadan	13.18 354	Pn	Pn	05 21 27.0 +0.8		
MA2			S	Pn	05 23 55.8 +3.7		
MA2	comp=N,1.3nm,0.3s,baz=239,slow=19,SNR=1.4		LR	LR	05 26 41.7		
MA2	comp=N,5um,18.6s,baz=172,slow=38		LR	LR	05 21 29.6 +3.4		
MA2	Magadan	13.18 354	Pn	Pn	05 21 24.8 -1.4		
MA2	Magadan	13.18 354	iP	Pn	05 21 35.4 +2.0		
MA2			pmax	pmax			
MA2	comp=Z,64nm,0.8s		P	Pn	05 21 25.8 -0.4		
MA2	Magadan	13.18 354	eP	Pn	05 21 28.2 +2.0		
MA2	Magadan	13.18 354	eP	Pn	05 21 44.2 -2.7		
SHEM	Shemya Is, Ala	14.70 57	Pn	Pn	05 24 17.0 -1.2		
SHEM			S	Pn	05 24 17.0 -1.2		
SHEM	comp=Z,7.6nm,0.3s,baz=262,slow=19,SNR=9.6		LR	LR	05 27 50.2		
SHEM	comp=Z,2um,18.0s,baz=262,slow=39		LR	LR	05 27 50.2		
SHEM	comp=Z,59nm,0.7s		Pn	Pn	05 21 44.5 -2.4		
SHEM	Shemya Is, Ala	14.70 57	P	Pn	05 21 45.2 -1.7		
SMY	Shemya	14.70 57	P	Pn	05 21 44.5 -2.4		
SMY	Shemya	14.70 57	P	Pn	05 21 44.5 -2.4		
SMY	Kul'dur	14.84 288	P	P	05 21 51.7 -3.0		
KLR	comp=Z,0.3nm,0.3s,baz=98,slow=13,SNR=16		S	Pn	05 24 39.3 +6.5		
KLR	comp=Z,0.3nm,0.3s,baz=176,slow=19,SNR=1.5		LR	LR	05 27 44.5		
KLR	comp=Z,11um,18.7s,baz=100,slow=58		LR	LR	05 21 51.5 +2.5		
KLR	Kul'dur	14.84 288	iP	Pn	05 21 51.5 +2.5		

KLR	comp=Z,9.0nm,1.7s	pmax	pmax				
KLR		MLR	MLR				
MAJO	comp=Z,15um,15.0s	P	Pn	05 21 54.4 +1.1			
MAJO	Matsushiro	15.16 234	P	Pn	05 21 50.2 -3.1		
MAJO	Matsushiro	15.16 234	P	Pn	05 21 50.3 -3.1		
MAJO		pmax	pmax				
MJAR	comp=Z,152nm,0.9s	Pn	Pn	05 21 50.7 -2.6			
MJAR	Matsushiro Arr	15.16 234	Pn	Pn	05 21 50.4 -3.0		
MJAR	Matsushiro 7s	15.16 234	IAMB	IAMB	05 22 01.3		
MJAR	Matsushiro Arr	15.16 234	P	Pn	05 21 50.4 -3.0		
MJAR	Matsushiro 1.6s	15.16 234	pmax	pmax			
MJB9	comp=Z,236nm,1.6s	15.16 234	Pn	Pn	05 21 50.3 -3.1		
USRK	Ussuriysk Arr	15.30 269	Pn	Pn	05 21 53.8 -1.2		
USRK		15.30 269	Pn	Pn	05 21 53.8 -1.2		
VLA	Vladivostok	15.71 265	eP	Pn	05 21 58.8 -1.6		
JGF	Kuroka	16.32 234	P	Pn	05 22 07.7 -0.6		
JGF	Kuroka	16.32 234	P	Pn	05 22 07.1 -1.2		
JGF			IAMB	IAMB	05 22 13.8		
SEY	Seymchan	16.46 358	Pn	Pn	05 22 09.2 -0.6		
SEY	comp=Z,1.3nm,0.3s,baz=172,slow=9.1,SNR=18		LR	LR	05 29 04.9		
SEY	comp=Z,5um,18.1s,baz=181,slow=40		LR	LR	05 29 04.9		
SEY	comp=Z,9.4nm,0.6s		LR	LR	05 29 04.9		
PSTR	Posyet	16.61 265	iP	Pn	05 22 10.4 -1.6		
PSTR	Posyet	16.61 265	eP	Pn	05 22 10.4 -1.6		
INU	Inuyama	16.69 234	P	Pn	05 22 12.0 -1.0		
INU			IAMB	IAMB	05 22 18.0		
MDJ	comp=Z,295nm,1.8s	16.84 272	P	Pn	05 22 13.9 -0.9		
MDJ	Mudanjiang	16.84 272	P	Pn	05 22 14.5 -0.4		
MDJ	Mudanjiang	16.84 272	pP	Pn	05 22 17.0 +0.1		
MDJ			S	Pn	05 25 26.0 +4.6		
MDJ			pmax	pmax			
MDJ	comp=Z,9.0nm,0.6s		pmax	pmax			
MDJ	comp=Z,2um,6.2s		LR	LR			
MDJ	comp=Z,5um,16.4s		LR	LR			
MDJ	comp=Z,7um,16.5s		LR	LR			
MDJ	comp=Z,12um,16.5s		LR	LR			
JHJ2	Mitsune	16.99 223	Pn	Pn	05 22 17.0 +0.2		
JHJ	Hachijima 2	17.00 223	P	Pn	05 22 15.7 -1.3		
JHJ	comp=Z,5.9nm,0.3s,baz=122,slow=5.2,SNR=6.9		S	Pn	05 25 10.7 -1.5		
JHJ	comp=Z,78nm,0.8s,baz=82,slow=15,SNR=2.3		LR	LR	05 32 38.3		
JHJ	comp=Z,1um,18.5s,baz=112,slow=51		LR	LR	05 32 38.3		
AMKA	Amchitka	17.58 65	Pn	Pn	05 22 22.7 -1.3		
HEH	Heihe	17.69 292	eP	Pn	05 22 25.3 -0.1		
HEH			eS	Pn	05 22 31.0 -0.7		
HEH			S	Pn	05 25 41.5 -0.5		
HEH			pmax	pmax			
HEH	comp=Z,93nm,0.9s		pmax	pmax			
HEH	comp=Z,4um,6.1s		LR	LR			
HEH	comp=Z,7um,13.3s		LR	LR			
HEH	comp=Z,14um,16.6s		LR	LR			
HEH	comp=Z,17um,17.1s		LR	LR			
BNX	BinXian	18.09 277	iP	Pn	05 22 28.0 -2.3		
BNX			pP	Pn	05 22 33.0 -1.5		
BNX			S	Pn	05 25 47.8 -3.8		
BNX			pmax	pmax			
BNX	comp=Z,24nm,0.9s		pmax	pmax			
BNX	comp=Z,1um,7.6s		LR	LR			
BNX	comp=Z,7um,17.1s		LR	LR			
BNX	comp=Z,7um,22.0s		LR	LR			
BNX	comp=Z,6um,19.5s		LR	LR			
ZEA	Zeya	18.24 303	eP	P	05 22 32.7 +0.4		
ZEA			eS	Pn	05 25 42.3 -1.3		
ZEA			pmax	pmax			
ZEA	comp=E,1um,5.8s		pmax	pmax			
ZEA	comp=N,400nm,5.4s		pmax	pmax			
ZEA	comp=Z,2um,7.4s		pmax	pmax			
ZEA	comp=E,30nm,0.8s		pmax	pmax			
ZEA	comp=N,30nm,0.6s		pmax	pmax			
ZEA	comp=Z,40nm,0.7s		MLR	MLR			
ZEA	comp=E,4um,15.0s		MLR	MLR			
ZEA	comp=Z,4um,17.0s		MLR	MLR			
ZEA	Zeya	18.24 303	eP	P	05 22 32.7 +0.4		
ZEA			AMS	AMS	05 29 50.8		
ZEA	comp=Z,4um,16.0s		AMS	AMS	05 29 50.8		
JMN	Monobe	19.64 236	P	P	05 22 47.8 -0.1		
JMN	Monobe	19.64 236	P	P	05 22 47.3 -0.5		
JMN			IAMB	IAMB	05 23 01.3		
KIWB	Kanaga Island	19.83 64	P	P	05 22 48.2 -1.5		
CN2	Changchun	19.93 272	P	P	05 22 48.3 -2.6		
CN2							

26d 5h

Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like JOW Kunigami, TNA Tin City, FALS False Pass, etc.

2020 MAY

Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like E17K Hotham Inlet, F17K Baldwin Pennin, C17K DeLong Mountai, etc.

1664

Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like J19K Poorman, E19K Redstone River, L19K White Mountain, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like H22K Ishtalinta Cre, KTH Kantishna Hill, BRLL Bradley Lake, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like H24K Noodor Dome, WAT6 Susitna Watana, M23K Glacier View, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like KAIM Kayak Island, GLB Gilahina Butte, I26K Coon Creek Min, etc.

26d 5h

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like VRAC Vranov, MARR Marisel-Cluj, PRU Pruhonice, etc.

2020 MAY

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like BR131 Keskin Array S, BR131 Keskin Array B, BRTR Keskin Array B, etc.

1670

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like RCHB Rochefort, STRD Stroud, T45A Paduch, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like OXF, DYA, RBD, SUDO, SJES, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like BNI, BG3, U56A, A6TA, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like AMBA, PLCA, PLCA, GUA01, etc.

Bull 26 05:25:36.0, 14:06N; 147:36E, h10km, mB5.2/14, mb4.8/56, M5.3/20, M5.7 5.1/20
MOS 26 05:25:40.3, 0.8, 14:29N; 146:86E, h15km, mb5.1/47, Error ellipse: s-maj=3.8km s-min=5.1km az=108.8
IDC 26 05:25:40.1, 0.5, 14:39N; 146:88E, h0km, mb4.7/28, mbmp4.7/30, ML4.1/2, MS4.3/2, Error ellipse: s-maj=15.9km s-min=12.1km az=97.0
DJA 26 05:25:41.2, 0.3, 14°N, 147°E, h10km, M5.0/39, M5.6/15, mb5.1/39, MLv4.7/1, Mw(MB)5.1/15, MwMwp5.4/2, Mwp5.6/2
NEIC 26 05:25:42.1, 1.5, 14°26'N, 0°09'146.89E, h10km, 1km, mb5.1/39, Mmw5.0/10, Error ellipse: s-maj=15.2km s-min=13.8km az=210.0
GCMT 26 05:25:45.1, 0.3, 14:05N, 0:03, 147:10E, 0:02, h16km, 1km, MWS:0.94, Moment Tensor Solution s21,c22, s94,c132, Mu=0.0, Moment tensor: Scale: 1019N; M12: 70z: 20; Mw: 0.07z: 10; Mw2: 7z: 13; Mw: 0.08z: 6; Mw2: 4z: 35; Best double couple: M3.77100x10^16 NP1=10,70,000000; s25,000000; A68,000000. NP2: 3.8,14,000000; s67,000000; A10,000000. Principal axes: T 0.8530, Plg67.000000; Azm302.000000; N -0.1590, Plg9.000000; Azm190.000000; P -3.6880, Plg21.000000; Azm97.000000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
ISC 26 05:25:41.6, 0.3, 14.282N, 0.05x146.87E, 0.06, h10km, n699, r1818.57p, mb5.1/278, MS5.1/11, 16C-30Z, Mariana Islands

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUMO, JAYS, JAY, GENI, etc.

26d 5h

Table of satellite data for 26 days and 5 hours, including columns for station ID, name, coordinates, and status.

2020 MAY

Table of satellite data for 2020 May, including columns for station ID, name, coordinates, and status.

1672

Table of satellite data for 1672, including columns for station ID, name, coordinates, and status.

1673 2020 MAY 26d 5h

Table with columns: ILSW, L19K, L19K, F18K, G18K, M19K, M19K, E18K, E18K, GCSA, O20K, J19K, J19K, C18K, C18K, M20K, M20K, H19K, G19K, K20K, K20K, F19K, BRLL, SHLS, SHLS, J20K, BRSE, I20K, E19K, H20K, C19K, C19K, UZB, UZB, SKT, SKT, PPLA, PPLA, A19K, D19K, D19K, F20K, F20K, CAST, CAST, CHUM, O22K, SATY, SATY, SEW, L22K, L22K, RC01, RC01, TDK, TDK, TDK, TDK, M22K, E20K, D20K, H21K, H21K, G21K, G21K, I21K, I21K, PMR, PMR, TRF, TRF, KURK, KURK, KURK, KURK, B20K, F21K, HYB, KNK, KDJ, MLY, P23K, H22K, SML, M20K, M20K, E21K, C21K, TNSS, TNSS, AAA

Table with columns: AAA, WAT1, RND, M23K, F22K, MCK, B21K, B21K, G22K, GLI, NR1K, NR1K, NR1K, NR1K, NR1K, NR1K, NR1K, NR1K, A21K, SCM, WAT6, NEA2, NEA2, I23K, I23K, E22K, E22K, H23K, H23K, DHY, G23K, G23K, B20K, BOOM, BOOM, A22K, EYAK, EYAK, B22K, B22K, KSH2, KSH2, CCB, DIV, KLU, KLU, M24K, COLA, COLA, COLA, COLA, COLA, COLA, HDA, HDA, D23K, H24K, E23K, KAIM, IL31, IL31, ILAR, ILAR, ILAR, BMRM, BMRM, HAPX, HAPX, TOLK, K24K, C23K, N25K, G24K, SGDS, E24K, E24K, F24K, F24K, AAK, AAK, G24K, G24K, I29M, I29M, E28M, E28M, P30M, IUG, IUG, H29M, H29M, N30M, N30M, K29M, K29M, BRLL, BRLL, S31K, PLBC, G29M, G29M, M30M, M30M, DOT, MENT

Table with columns: MENT, MCARA, MCARA, SCRK, SCRK, SCRK, L26K, M26K, F25K, F25K, MESA, E25K, E25K, D25K, D25K, BARN, ARSB, M27K, M27K, I26K, G26K, L27K, L27K, BCAR, BCAR, F26K, F26K, K27K, PCA, PINM, BVCY, C26K, YUK3, I27K, I27K, C27K, C27K, H27K, G27K, DZA, DZA, DZA, DZA, BRWY, E27K, O29M, I28M, I28M, YUK4, YUK4, M29M, M29M, P29M, P29M, D27M, D27M, KKAR, KKAR, F28M, F28M, L29M, L29M, BVAR, HYT, BORK, BORK, GAR, GAR, I29M, I29M, E28M, E28M, P30M, IUG, IUG, H29M, H29M, N30M, N30M, K29M, K29M, BRLL, BRLL, S31K, PLBC, G29M, G29M, M30M, M30M, DOT, MENT

26d 5h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like M30M Minto, Yukon, CHM Chikent, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like J08A Circle Bar, PKD Pah Valley, PAHR Pah Valley, etc.

1674

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res. Includes stations like W18A Petrifed Fore, MVCO Mesa Verde, SUMG Summit, etc.

JMKM	Mikurajiminish	1.65 263	P	Pn	05 58 25.8	-1.5	JHHS	Hirosakiyakyuz	6.60 352	A	A	05 59 35.7	GRNR	comp=N,2um,16.0s	MLR	MLR		
JMKN	A			A	05 58 25.8		JTM	Tenabayashi	6.67 337	Pn	Pn	05 59 35.0	-1.4	GRNR	comp=N,2um,16.0s	MLR	MLR	
TATJ	Tateyama 1	1.65 304	A	A	05 58 26.3		JCJ	Chichijima	7.01 175	Pn	Pn	05 59 40.0	-1.1	SSE	comp=N,3um,16.0s	P	Sn	
JMYK	Miyake Tsubota	1.67 269	P	Pn	05 58 27.6	0.0	JCC	Chichijima	9.22 329	Sn	Sn	06 00 54.5	-6.0	SSE	17.43 266	S	Pn	
JMYK	A			A	05 58 27.6		JCU	comp=E,44nm,0.3s,baz=90,slow=20,SNR=1.9		LR	LR	06 02 29.3		SSE	comp=N,2um,16.0s	Pmax	Pmax	
JCCN	Chibachon	1.67 320	A	A	05 58 26.5		JNJ	Chichijima	7.01 175	Pn	Pn	05 59 40.0	-1.1	SSE	comp=N,3um,16.0s	P	Pn	
JCAJ	Choshiashikaji	1.70 340	A	A	05 58 26.7		JNU	Nakatsue	8.96 267	Pn	Pn	06 00 09.9	+2.1	SSE	comp=N,2um,16.0s	LR	LR	
JHJ2	Mitsune	1.75 236	P	Pn	05 58 29.2	+0.4	JNS	Nakatsue	8.96 267	Pn	Pn	06 00 07.6	-0.2	SSE	comp=N,2um,16.0s	LR	LR	
JHJ2	Mitsune	1.76 236	P	Pn	05 58 29.3	+0.4	JSU	Suzuyama	9.70 258	P	Pn	06 00 17.8	-0.2	YOJ	Yonaguni jima	18.79 244	P	P
JHJ2	A			A	05 58 29.3		ASAJ	Asashikawa	10.02 4	P	P	06 00 19.9	-2.4	YOJ	Yonaguni jima	18.79 244	P	P
JSMT	Sammumatsuo	1.78 329	A	A	05 58 27.9		YUK	Yuzh-Kuril'sk	10.46 17	eP	Pn	06 00 33.3	+5.1	YOJ	Yonaguni jima	18.79 244	P	Pmax
JHJ	Hachioji jima 2	1.78 327	Pn	Pn	05 58 29.1	0.0	YUK	comp=N,7um,14.0s		MLR	MLR			NKL	comp=N,201nm,1.9s	eP	Pn	
JHJ	A			A	05 58 29.1		YUK	comp=N,7um,14.0s		MLR	MLR			NKL	19.04 358	eS	Pn	
JHJ	A			A	05 58 29.1		YUK	comp=N,7um,14.0s		MLR	MLR			NKL	comp=N,145nm,1.3s	Pmax	Pmax	
JHJC	Hachiojimakas	1.80 235	A	A	05 58 27.3		TEY	Ternei	11.56 342	eP	Pn	06 00 39.3	-4.0	NKL	comp=N,141nm,1.3s	Pmax	Pmax	
JIM2	Oshima 3	1.86 290	P	Pn	05 58 28.6	-1.7	TEY	comp=N,5um,15.0s		MLR	MLR	06 02 48.4		NKL	comp=N,274nm,1.3s	Pmax	Pmax	
JIM2	A			A	05 58 28.6		TEY	comp=N,100nm,15.0s		MLR	MLR			NKL	comp=N,145nm,1.3s	Pmax	Pmax	
JNIO	Nijimaohara	1.91 278	A	A	05 58 29.8		TEY	comp=N,200nm,16.0s		MLR	MLR			NKL	comp=N,375nm,2.1s	Pmax	Pmax	
JYO	Yokosk	1.91 306	A	A	05 58 30.1		TEY	comp=N,200nm,16.0s		MLR	MLR			NKL	comp=N,375nm,2.1s	Pmax	Pmax	
JJTH	Toshimahigashi	1.92 283	P	Pn	05 58 29.9	-1.2	KSRS	Korea Array	11.56 291	Pn	Pn	06 00 46.4	+3.0	NKL	comp=N,16um,14.0s	MLR	MLR	
JJTH	A			A	05 58 29.9		KSRS	comp=N,2.0nm,0.3s,baz=106,slow=13,SNR=37		LR	LR	06 05 39.8		NKL	comp=N,16um,14.0s	MLR	MLR	
JSKK	Shikinejimakit	1.96 277	A	A	05 58 30.5		KSAR	Wonju Array Be	11.59 291	Pn	Pn	06 00 43.9	+0.1	NKL	comp=N,22um,16.0s	MLR	MLR	
JKO	Kozu shima	2.01 273	A	Pn	05 58 31.7	-0.6	KSAR	Wonju Array Be	11.59 291	P	Pn	06 00 43.9	+0.1	NJ2	Nanjing	19.13 270	eP	Pmax
JKO	A			A	05 58 31.7		KS19	Wonju Array Si	11.62 291	P	Pn	06 00 44.8	+0.4	NJ2	comp=N,34nm,0.5s	Pmax	Pmax	
JIHU	Itakohironouch	2.03 336	A	A	05 58 31.6		WLA	Vladivostok	11.74 323f	P	Pn	06 00 47.0	+1.2	NJ2	comp=N,2um,16.0s	LR	LR	
TOK	Tokyo	2.16 317	A	A	05 58 33.6		TJN	Taejon	11.82 285	Pn	Pn	06 00 48.4	+0.6	NJ2	comp=N,2um,16.0s	LR	LR	
JAOM	Agashimamukai	2.23 223	A	A	05 58 33.1		TJN	Taejon	11.82 285f	eP	Pn	06 00 46.5	+1.5	NJ2	comp=N,2um,16.0s	LR	LR	
JJHTM	Izuhatsuma	2.29 286	P	Pn	05 58 35.5	-0.7	PSTR	Posyet	11.98 318f	eP	Pn	06 00 49.3	+0.2	NJ2	comp=N,2um,16.0s	LR	LR	
JJZS	Izushimoda	2.29 286	P	Pn	05 58 35.5	-0.7	KUR	Kuril'sk	12.12 22f	eP	Pn	06 00 48.4	+2.5	NJ2	comp=N,2um,16.0s	LR	LR	
JJZS	A			A	05 58 35.5		KUR	comp=N,2um,16.0s		Pmax	Pmax			NKL	comp=N,2um,16.0s	MLR	MLR	
JOD2	Odawara 2	2.34 300	A	Pn	05 58 35.2	-1.6	JMZ	Minamidaito 2	12.18 230	Pn	Pn	06 00 52.9	+1.0	HEH	HeiHe	19.18 331	eP	P
JOD2	A			A	05 58 35.2		USKR	Ussuriysk Ar.	12.50 326	Pn	Pn	06 00 56.5	+0.2	HEH	comp=N,2um,16.0s	P	S	
JHYU	Hitachinakayam	2.36 341	A	A	05 58 36.2		USKR	comp=N,0.9nm,0.3s,baz=134,slow=13,SNR=29		LR	LR	06 00 58.1	-3.0	HEH	comp=N,2um,16.0s	Pmax	Pmax	
JYT	Yasato	2.39 332	A	A	05 58 36.8		YSS	comp=N,2um,16.0s		Pmax	Pmax			HEH	comp=N,2um,16.0s	Pmax	Pmax	
JSGW	Sagamiharawaka	2.44 308	A	A	05 58 37.6		YSS	comp=N,2um,16.0s		Pmax	Pmax			HEH	comp=N,2um,16.0s	Pmax	Pmax	
JFJN	Fujinakano	2.60 295	A	A	05 58 40.0		YSS	comp=N,2um,16.0s		Pmax	Pmax			HEH	comp=N,2um,16.0s	Pmax	Pmax	
JHO	Hitachi	2.62 342	A	A	05 58 39.9		YSS	comp=N,2um,16.0s		Pmax	Pmax			HEH	comp=N,2um,16.0s	Pmax	Pmax	
JJN	Shimob	2.84 282	A	A	05 58 43.4		YSS	comp=N,2um,16.0s		Pmax	Pmax			HEH	comp=N,2um,16.0s	Pmax	Pmax	
JJN	Sagara	2.84 282	A	Pn	05 58 43.9	+0.2	YSS	comp=N,2um,16.0s		Pmax	Pmax			HEH	comp=N,2um,16.0s	Pmax	Pmax	
JAG	Sagara	2.84 282	A	A	05 58 43.4		JOW	Kunigami	13.55 241	Pn	Pn	06 01 11.9	+1.3	GUMO	Guam	20.65 171	P	Pn
JSG	Ashikaga	2.87 224	A	A	05 58 43.9		JOW	comp=N,0.4nm,0.3s,baz=75,slow=15,SNR=5.1		LR	LR	06 06 58.2		GUMO	Guam	20.65 171	P	P
JRY	Ryogami san	2.89 312	A	A	05 58 44.2		JOW	comp=N,5um,18.1s,baz=70,slow=40		LR	LR	06 06 58.2		GUMO	Guam	20.65 171	P	P
SHZ3	Shizuoka 3	2.92 290	A	A	05 58 44.5		MDJ	Kunigami	13.55 241	Pn	Pn	06 01 09.9	-0.7	GUMO	Guam	20.65 171	P	P
JKKS	Kakegawashinom	3.02 283	A	A	05 58 45.8		MDJ	Mudanjiang	13.97 322	P	Pn	06 01 15.3	-1.0	GUMO	Guam	20.65 171	P	P
ONAJ	Iwakimizuishi	3.05 349	A	A	05 58 45.8		MDJ	Mudanjiang	13.97 322	P	Pn	06 01 15.3	-1.0	GUMO	Guam	20.65 171	P	P
JFFD	Fukushimafurud	3.08 345	A	A	05 58 46.4		MDJ	comp=N,14nm,1.5s		LR	LR	06 03 02.0	+1.0	YULB	Yu-I	20.69 244	P	P
JSB	Shioba	3.15 335	A	A	05 58 47.6		MDJ	comp=N,10um,18.8s		LR	LR	06 03 02.0	+1.0	YULB	Suiling	20.72 246	P	P
TT05	TONANKAI O.B.S	3.19 274	A	A	05 58 48.1		MDJ	comp=N,10um,18.8s		LR	LR	06 03 02.0	+1.0	YULB	Bj2	21.06 294	P	P
JKT	Katashina	3.25 325	A	A	05 58 49.2		MDJ	comp=N,8um,17.8s		LR	LR	06 03 02.0	+1.0	YULB	Bj2	21.06 294	P	P
HMMJ	Hamasuma 2	3.25 300	A	A	05 58 49.2		MDJ	comp=N,8um,17.8s		LR	LR	06 03 02.0	+1.0	YULB	Bj2	21.06 294	P	P
JNY	Yasuoku	3.29 293	A	A	05 58 49.8		MDJ	comp=N,8um,17.8s		LR	LR	06 03 02.0	+1.0	YULB	Bj2	21.06 294	P	P
JFK	Kawauchi	3.29 350	A	A	05 58 49.4		MDJ	comp=N,8um,17.8s		LR	LR	06 03 02.0	+1.0	YULB	Bj2	21.06 294	P	P
JNT	Takato	3.31 303	A	A	05 58 50.2		MDJ	comp=N,8um,17.8s		LR	LR	06 03 02.0	+1.0	YULB	Bj2	21.06 294	P	P
TT04	TONANKAI O.B.S	3.34 269	A	A	05 58 50.2		MDJ	comp=N,8um,17.8s		LR	LR	06 03 02.0	+1.0	YULB	Bj2	21.06 294	P	P
JGK	Kuni	3.42 317	A	A	05 58 51.6		MDJ	comp=N,8um,17.8s		LR	LR	06 03 02.0	+1.0	YULB	Bj2	21.06 294	P	P
TT03	TONANKAI O.B.S	3.46 267	A	A	05 58 51.9		MDJ	comp=N,8um,17.8s		LR	LR	06 03 02.0	+1.0	YULB	Bj2	21.06 294	P	P
JOTO	OTAMA OYAMA	3.58 344	A	A	05 58 53.5		MDJ	comp=N,8um,17.8s		LR	LR	06 03 02.0	+1.0	YULB	Bj2	21.06 294	P	P
JFY	Yanaizu	3.62 336	A	A	05 58 54.2		MDJ	comp=N,8um,17.8s		LR	LR	06 03 02.0	+1.0	YULB	Bj2	21.06 294	P	P
JMST	Minamisomatoc	3.65 352	A	A	05 58 54.2		MDJ	comp=N,8um,17.8s		LR	LR	06 03 02.0	+1.0	YULB	Bj2	21.06 294	P	P
MJAR	Matsushiro Arr	3.66 312	Pn	Pn	05 58 55.0	0.0	MDJ	comp=N,8um,17.8s		LR	LR	06 03 02.0	+1.0	YULB	Bj2	21.06 294	P	P
MJAR	comp=E,7.7nm,0.3s,baz=197,slow=7.8,SNR=114			A	05 59 38.0	+0.2	MDJ	comp=N,8um,17.8s		LR	LR	06 03 02.0	+1.0	YULB	Bj2	21.06 294	P	P
MJAR	LR			A	06 00 40.8		MDJ	comp=N,8um,17.8s		LR	LR	06 03 02.0	+1.0	YULB	Bj2	21.06 294	P	P
MJAR	comp=E,10um,20.9s,baz=113,slow=12,SNR=2.9			A	06 00 40.8		MDJ	comp=N,8um,17.8s		LR	LR	06 03 02.0	+1.0	YULB	Bj2	21.06 294	P	P
MJAR	comp=E,7.1nm,0.5s			A	06 00 40.8		MDJ	comp=N,8um,17.8s		LR	LR	06 03 02.0	+1.0	YULB	Bj2	21.06 294	P	P
MJAR	Matsushiro Arr	3.66 312	P	Pn	05 58 55.0	0.0	MDJ	comp=N,8um,17.8s		LR	LR	06 03 02.0	+1.0	YULB	Bj2	21.06 294	P	P
MAJO	Matsushiro	3.66 312	P	Pn	05 58 54.8	-0.2	MDJ	comp=N,8um,17.8s		LR	LR	06 03 02.0	+1.0	YULB	Bj2	21.06 294	P	P
MAJO	Matsushiro	3.66 312	P	Pn	05 58 55.0	0.0	MDJ	comp=N,8um,17.8s		LR	LR	06 03 02.0	+1.0	YULB	Bj2	21.06 294	P	P
MJB9	Matsu-Tunnel	3.66 312	P	Pn	05 58 55.0	-0.1	MDJ	comp=N,8um,17.8s		LR	LR	06 03 02.0	+1.0	YULB	B			

G17K	Kiwalik Mouna baz=255,SNR=40	46.23	29	P	P	06 06 24.4 +1.4
H17K	Granite Mouna baz=256,SNR=50	46.41	30	I	Amb	06 06 27.1
H17K	Granite Mouna comp=Z,39m,1.0s	46.41	30	P	P	06 06 25.9 +1.4
O16K	Kokwok River B baz=258,SNR=22	46.42	38	I	Amb	06 06 26.8
O16K	Kokwok River B comp=Z,41m,1.2s	46.42	38	P	P	06 06 25.7 +1.1
P16K	Nushagak River baz=264,SNR=9.5	46.42	38	P	P	06 06 25.3 +0.7
J17K	VABM Dome baz=260,SNR=35	46.46	32	P	P	06 06 26.3 +1.4
R16K	Pilot Point baz=267	46.53	40	P	P	06 06 26.9 +1.5
SOE1	Soe	46.61	204	P	P	06 06 26.3 -0.4
SOE1	Soe	46.61	204	P	P	06 06 26.5 -0.2
L17K	Donlin baz=262,SNR=31	46.62	34	P	P	06 06 27.8 +1.7
K17K	Iditarod baz=261,SNR=37	46.70	33	P	P	06 06 28.3 +1.6
E18K	Tukpahleirik C comp=Z,44m,1.1s	46.73	27	I	Amb	06 06 29.8
E18K	Tukpahleirik C baz=255,SNR=34	46.73	27	P	P	06 06 28.3 +1.4
EVN	Everest	46.84	278	P	P	06 06 28.4 -0.7
EVN				I	Amb	06 07 00.8
C18K	Utukok River comp=Z,46m,1.2s	46.86	25	I	Amb	06 06 30.3
C18K	Utukok River comp=Z,41m,1.1s	46.86	25	P	P	06 06 29.0 +1.0
F18K	Selawik baz=253,SNR=24	46.88	28	P	P	06 06 29.6 +1.5
M17K	Hoitna River baz=256,SNR=61	46.93	35	P	P	06 06 30.1 +1.5
O17K	Koliganek Bris baz=263,SNR=20	46.94	37	P	P	06 06 29.9 +1.3
N17K	Nushagak Hills baz=265,SNR=15	46.96	36	P	P	06 06 30.3 +1.5
LBFI	Labuhan Bajo, King Salmon	47.08	210	P	P	06 06 29.5 -0.7
Q16K	King Salmon	47.09	39	P	P	06 06 30.4 +0.6
H18K	Nushagak Hills baz=267,SNR=7.1	47.09	30	P	P	06 06 30.9 +1.1
H18K	Honihosi River baz=259,SNR=41	47.09	30	P	P	06 06 31.1 +1.1
G18K	Tagagawik baz=258,SNR=77	47.12	29	P	P	06 06 31.1 +1.1
P17K	Kivchak River baz=265	47.23	38	P	P	06 06 31.8 +0.9
KDU	Kakadu comp=Z,16m,0.9s	47.34	192	P	P	06 06 32.4 +0.2
A19K	Wainwright baz=252,SNR=15	47.37	23	P	P	06 06 33.7 +1.9
L18K	Granite Mouna baz=263,SNR=28	47.38	34	P	P	06 06 33.6 +1.6
C19K	Lookout Ridge baz=254,SNR=29	47.54	25	P	P	06 06 34.9 +1.6
CHIR	Chirikof Islan baz=270	47.57	43	P	P	06 06 34.0 +0.4
N18K	Kilae Creek comp=Z,62m,1.3s	47.61	36	I	Amb	06 06 36.8
N18K	Kilae Creek baz=265,SNR=19	47.61	36	P	P	06 06 35.4 +1.4
GCSA	Galena City Sc baz=261,SNR=5.3	47.64	31	P	P	06 06 34.6 +0.6
F19K	Shalerukuk Mo baz=258,SNR=26	47.66	28	P	P	06 06 35.0 +0.9
MYKOM	Kota Tinggi	47.67	236	P	P	06 06 34.4 -0.5
M18K	Stony River baz=265,SNR=20	47.71	35	P	P	06 06 36.2 +1.6
MTN	Manton Dam comp=Z,81m,1.2s	47.74	194	P	P	06 06 35.2 0.0
MTN	Manton Dam baz=265,SNR=40	47.74	194	P	P	06 06 34.9 -0.4
ACHA	Angle Creek He comp=Z,34m,1.0s	47.76	40	I	Amb	06 06 35.1 -0.1
G19K	Purcell Mouna baz=259,SNR=39	47.80	29	P	P	06 06 36.1 +0.8
COEN	Coen comp=Z,17m,0.9s	47.83	178	P	P	06 06 37.5 +1.5
COEN	Coen	47.83	178	P	P	06 06 36.5 +0.6
P18K	Big Mountain, KURK	47.86	38	P	P	06 06 36.6 +0.7
KURK	Kurchatov baz=267,SNR=8.5	47.86	310	P	P	06 06 34.7 -1.3
KURK	Kurchatov	47.86	310	P	P	06 06 34.7 -1.3
O18K	Koktuh Hills comp=Z,45m,0.9s	47.89	37	I	Amb	06 06 38.6
O18K	Koktuh Hills baz=262,SNR=12	47.89	37	P	P	06 06 37.3 +1.2
D19K	Kuna River baz=256,SNR=40	47.91	26	P	P	06 06 37.2 +1.1
KURBB	Kurchatov Arra comp=Z,20m,0.9s,baz=84,slow=7.8,SNR=82.5	47.93	310	P	S	06 06 35.2 -1.3
KURBB	Kurchatov Arra comp=Z,0.2m,0.6s,baz=85,slow=13,SNR=1.6	47.93	310	P	LR	06 06 13.30 -2.3
KURBB	Kurchatov Arra comp=Z,4um,18.8s,baz=102,slow=38	47.93	310	P	LR	06 06 10.6
KURBB	Kurchatov Arra comp=Z,20m,0.9s	47.93	310	P	P	06 06 35.6 -0.9
Q18K	Katmai Hardscr baz=268,SNR=6.5	47.94	39	P	P	06 06 36.1 -0.5
H19K	Roundabout Mou baz=260,SNR=101	47.95	30	P	P	06 06 37.6 +1.2
E19K	Redstone River baz=258,SNR=96	48.00	27	P	P	06 06 38.0 +1.2
J19K	Poorman comp=Z,50m,1.1s	48.08	32	I	Amb	06 06 39.6
J19K	Poorman baz=263,SNR=46	48.08	32	P	P	06 06 38.3 +0.8
L19K	White Mountain comp=Z,51m,1.3s	48.23	34	I	Amb	06 06 41.3
L19K	White Mountain baz=265,SNR=28	48.23	34	P	P	06 06 39.9 +1.2
PDGK	Podgornoye comp=Z,40m,0.9s	48.30	300	P	P	06 06 39.4 -0.2
PLAI	Plampang comp=Z,44m,0.9s	48.30	212	P	P	06 06 38.8 -0.9
N19K	Bonanza Creek baz=266,SNR=7.3	48.31	36	P	P	06 06 40.5 +1.1
SHLS	Shalkode comp=Z,18m,1.3s	48.35	300	eP	pmax	06 06 38.2 -1.8
SHLS	Shalkode	48.35	300	eP	pmax	06 06 38.2 -1.8
O19K	Port Alsworth comp=Z,18m,1.3s	48.36	37	I	Amb	06 06 42.0
O19K	Port Alsworth baz=267	48.36	37	P	P	06 06 40.4 +0.7
M19	Sitkinak Islan baz=271	48.37	42	P	P	06 06 40.0 +0.2
S11K	Big River Lodg comp=Z,30m,1.2s	48.43	35	I	Amb	06 07 29.0
M19K	Big River Lodg baz=266	48.43	35	P	P	06 06 41.2 +1.1
D20K	Etiwuk River baz=258,SNR=60	48.49	25	P	P	06 06 41.5 +0.8
F20K	Avaraart Lake comp=Z,30m,1.1s	48.50	28	I	Amb	06 06 43.0
F20K	Avaraart Lake baz=260	48.50	28	P	P	06 06 41.6 +1.0
E20K	Nigu River baz=258	48.55	26	P	P	06 06 42.2 +1.1
H20K	Anotleneega Mo baz=262,SNR=51	48.59	30	P	P	06 06 42.5 +1.1
B20K	Meade River baz=256	48.60	24	P	P	06 06 42.5 +1.2
TPI	Tanjungpandan comp=Z,39m,0.8s	48.62	213	P	P	06 06 41.9 -0.4
TWSI	Taliwang, Sumb comp=Z,49m,0.8s	48.66	300	eP	pmax	06 06 42.2 -0.3
UZB	Uzynbulak comp=Z,42m,2.8s	48.66	300	eP	pmax	06 06 43.0 +0.5
UZB	Uzynbulak	48.67	31	P	P	06 06 43.3 +1.3
K20K	Telida comp=Z,46m,1.0s	48.70	33	I	Amb	06 06 44.9
K20K	Telida	48.70	33	P	P	06 06 43.7 +1.4
KLNI	Mataram comp=Z,30m,comp=Z,79m,0.9s	48.71	214	P	P	06 06 43.1 +0.3
J20K	Nowinta River comp=Z,52m,1.0s	48.74	32	I	Amb	06 06 45.2
J20K	Nowinta River	48.74	32	P	P	06 06 43.8 +1.2
TDK	Taldyqorghan comp=Z,12m,0.9s	48.76	303	eP	pmax	06 06 43.8 +0.8
TDK	Taldyqorghan comp=Z,2um,15.0s	48.76	303	eP	MLR	06 06 43.9 +0.8
TDK	Taldyqorghan comp=Z,2um,15.3s	48.76	303	eP	LR	06 06 44.8 +1.0
KPKS	Kokpek	48.84	301	eP	P	06 06 44.7 +1.0
KPKS	Kokpek	48.84	301	eP	P	06 06 44.9 +1.0
QHAK	Old Harbor	48.85	41	I	Amb	06 06 43.3 -0.2
QHAK	Old Harbor	48.85	41	P	P	06 07 16.2
OHAK	Old Harbor baz=271,SNR=6.9	48.85	41	P	P	06 06 43.5 0.0
P19K	Oil Pt baz=269	48.89	38	P	P	06 06 43.6 -0.2
KHKI	Kahang-Kahang	48.89	215	P	P	06 06 44.9 +0.7
M20K	Styx River comp=Z,32m,1.2s	49.02	35	I	Amb	06 06 47.5
M20K	Styx River baz=267	49.02	35	P	P	06 06 46.0 +1.1
A21K	Barrow baz=255,SNR=49	49.10	22	P	P	06 06 46.3 +1.1
SATY	Saty	49.12	300	eP	P	06 06 44.4 +0.4
SATY	Saty	49.12	300	eP	P	06 06 46.4 +0.4
RED	Redoubt Volcan comp=Z,31m,1.1s	49.13	37	I	Amb	06 06 47.2
O20K	Slope Mountain baz=269	49.20	37	P	P	06 06 46.2 -0.1
KDAK	Kodiak Island comp=Z,43m,0.9s	49.22	40	I	Amb	06 06 45.5 -0.8
KDAK	Kodiak Island	49.22	40	eP	pmax	06 06 45.9 -0.4
KDAK	Kodiak Island comp=Z,71m,1.0s	49.22	40	I	Amb	06 06 46.3 0.0
C21K	Knifblade Ridge baz=269,SNR=60	49.23	25	P	P	06 06 47.6 +1.3
G21K	Allakaket comp=Z,41m,0.9s	49.28	29	I	Amb	06 06 49.1
G21K	Allakaket	49.28	29	P	P	06 06 47.8 +1.1
RTBI	Rango, Neare Ikpikpuk River	49.29	216	P	P	06 06 47.7 +0.4
B21K	Ikpikpuk River baz=259,SNR=80	49.38	24	P	P	06 06 48.8 +1.5
F21K	Alatina River baz=262,SNR=26	49.39	28	P	P	06 06 48.3 +0.8
E21K	Kilik River baz=260	49.39	26	P	P	06 06 48.2 +0.7
SPCR	Spurr Chakacha comp=Z,59m,1.2s	49.43	36	P	P	06 06 48.8 +0.8
H21K	Melozitna River comp=Z,58m,1.0s	49.47	30	I	Amb	06 06 50.7
H21K	Melozitna River baz=264,SNR=70	49.47	30	P	P	06 06 49.2 +1.1
SPU	Munt Spurr comp=Z,59m,1.2s	49.51	36	I	Amb	06 06 50.7
PLLA	Purkeypile baz=267,SNR=25	49.51	33	P	P	06 06 50.1 +1.4
CHUM	Lake Minchum baz=268,SNR=22	49.52	32	P	P	06 06 50.1 +1.6
A22K	Sinclair Lake baz=257,SNR=86	49.55	23	P	P	06 06 49.8 +1.2
CAST	Castle Rocks comp=Z,47m,1.1s	49.59	33	I	Amb	06 06 51.8
CAST	Castle Rocks baz=266,SNR=38	49.59	33	P	P	06 06 50.2 +1.1
STLK	Strandline Lak comp=Z,44m,1.4s	49.62	35	I	Amb	06 06 51.6
I21K	Tanana comp=Z,64m,1.3s	49.76	30	I	Amb	06 06 53.2
I21K	Tanana baz=265	49.76	30	P	P	06 06 51.6 +1.3
SKT	Skwentna comp=Z,51m,1.2s	49.78	35	I	Amb	06 06 52.3
SKT	Skwentna	49.78	35	P	P	06 06 50.9 +0.3
TARG	Taragay, Kyrgy baz=268,SNR=17	49.85	299	I	Amb	06 07 14.7
TARG	Taragay, Kyrgy	49.85	299	P	P	06 06 53.7 +1.8
B22K	Teshehpuk Lake comp=Z,43m,0.9s	49.92	24	I	Amb	06 06 53.8
B22K	Teshehpuk Lake baz=259,SNR=46	49.92	24	P	P	06 06 52.7 +1.2
F22K	John River baz=263	49.93	27	P	P	06 06 52.9 +1.3
M20K	Medeo comp=Z,14m,0.5s	50.08	301	eP	pmax	06 06 54.1 +0.9
M20K	Medeo	50.08	301	eP	LR	06 06 54.2 +0.9
BRLK	Bradley Lake Ishaltitna Cre	50.08	30	I	Amb	06 06 53.0 +0.1
H22K	Ishaltitna Cre comp=Z,55m,1.0s	50.08	30	P	P	06 06 55.7
H22K	Ishaltitna Cre baz=265,SNR=53	50.08	30	P	P	06 06 54.3 +1.6
KTH	Kantishna Hill comp=Z,67m,1.3s	50.12	33	I	Amb	06 06 55.5
G22K	Bettles baz=264	50.12	28	P	P	06 06 53.9 +0.9
E22K	Anaktuvuk Pass baz=263,SNR=15	50.14	27	P	P	06 06 54.7 +1.4
BRSE	Brayley Lake S baz=271	50.15	38	P	P	06 06

26d 5h

Table with columns: ID, Name, Comp, Z, SNR, Date, Time, and other details. Includes entries like RAGM Ragged Mountai, G26K Porcupine River, C27K Jago River, etc.

2020 MAY

Table with columns: ID, Name, Comp, Z, SNR, Date, Time, and other details. Includes entries like CHM Chinkent, BRWY Burrell Landin, M29M Somme Creek, etc.

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Table with columns: ID, Name, Comp, Z, SNR, Date, Time, and other details. Includes entries like EIDS Eidsvold, AB31 Akbulak array, AB31 Akbulak array, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like NKL, TEY, GRNR, MA2, SHEM, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like HIA, JSU, JSU, SPIA, DL2, DL2, GAMB, GAMB, UNV, etc.

Table with columns for station name, elevation, frequency, and other technical details. Includes stations like M17K, M17K, F18K, N17K, O17K, C18K, C18K, etc.

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I21K	Tanana	34.47	37	I	Amb	I	Amb	06 31 15.3
I21K	Tanana	34.47	37	P	P			06 30 56.4 +0.4
SKT	Bradley Lake	34.47	43	P	P			06 30 56.2 +0.1
A22K	Sinclair Lake	34.57	27	P	P			06 30 56.9 +0.1
CNPM	China Poot	34.65	47	I	Amb	I	Amb	06 30 58.7
F22K	John River	34.71	33	P	P			06 30 58.0 -0.1
H22K	Ishailina Cre	34.80	36	P	P			06 30 59.3 +0.4
BRLL	Bradley Lake	34.82	47	P	P			06 30 59.5 +0.4
BRLL	Bradley Lake	34.82	47	I	Amb	I	Amb	06 31 02.4
G22K	Bettle	34.88	34	P	P			06 31 00.1 +0.6
B22K	Teshekpuk Lake	34.88	28	P	P			06 31 00.9 +0.4
BRSE	Bradley Lake S	34.89	47	P	P			06 31 00.6 +0.8
E22K	Anaktuvuk Pass	34.96	32	I	Amb	I	Amb	06 31 48.2
E22K	Anaktuvuk Pass	34.96	32	P	P			06 31 00.6 +0.4
MLY	Manley	34.98	38	I	Amb	I	Amb	06 31 19.7
MLY	Manley	34.98	38	P	P			06 31 01.2 +0.7
CUT	Chulitna	35.07	42	P	P			06 31 01.8 +0.6
TRF	Thorofare Moun	35.08	40	I	Amb	I	Amb	06 31 21.2
TRF	Thorofare Moun	35.08	40	P	P			06 31 01.7 +0.2
SLKM	Skilak Lake	35.12	46	I	Amb	I	Amb	06 31 08.4
M22K	Willow	35.14	43	P	P			06 31 02.3 +0.5
RC01	Rabbit Creek A	35.33	45	P	P			06 31 04.5 +1.0
O22K	Cooper Landing	35.36	46	P	P			06 31 04.1 +0.3
G23K	Bananan Creek	35.43	35	P	P			06 31 04.3 0.0
D23K	Nanushuk River	35.52	31	P	P			06 31 04.8 -0.2
SEW	Seward	35.52	46	P	P			06 31 05.5 +0.4
H23K	Yukon River	35.54	36	I	Amb	I	Amb	06 31 18.1
H23K	Yukon River	35.54	36	P	P			06 31 05.2 -0.1
I23K	Minto, Yukon-K	35.57	38	I	Amb	I	Amb	06 31 11.4
I23K	Minto, Yukon-K	35.57	38	P	P			06 31 05.7 +0.2
PMR	Palmer	35.61	44	P	P			06 31 06.6 +0.8
PMR	Palmer	35.61	44	P	P			06 31 06.6 +0.8
PMR	Palmer	35.61	44	P	P			06 31 06.1 +0.3
NEA2	Nenana	35.66	39	I	Amb	I	Amb	06 31 26.2
NEA2	Nenana	35.66	39	P	P			06 31 06.6 +0.3
MCK	McKinley	35.69	40	I	Amb	I	Amb	06 31 25.0
MCK	McKinley	35.69	40	P	P			06 31 06.8 +0.2
C23K	Itkillik River	35.70	29	P	P			06 31 07.3 +0.8
C23K	Itkillik River	35.70	29	P	P			06 31 07.0 +0.5
RND	Reindeer	35.73	41	I	Amb	I	Amb	06 31 11.7
E23K	Chandalar	35.76	33	I	Amb	I	Amb	06 31 21.6
E23K	Chandalar	35.76	33	P	P			06 31 07.3 +0.1
XAN	Xi'an	35.83	266	P	P			06 31 08.5 +0.3
TOLK	Toolik Lake Re	35.86	32	P	P			06 31 08.0 0.0
KNK	Knik Glacier	35.94	44	P	P			06 31 09.0 +0.2
S2L	Sawmill	35.98	43	P	P			06 31 09.4 +0.3
WRH	Wood River Hill	36.08	39	I	Amb	I	Amb	06 31 31.1
E24K	Your Creek	36.18	33	I	Amb	I	Amb	06 31 25.4
E24K	Your Creek	36.18	33	P	P			06 31 11.0 +0.2
COLA	College	36.20	38	P	P			06 31 11.9 +1.1
COLA	College	36.20	38	P	P			06 31 11.9 +1.1
COLA	College	36.20	38	P	P			06 31 11.1 +0.3
D24K	Happy Valley	36.20	31	I	Amb	I	Amb	06 31 17.1
D24K	Happy Valley	36.20	31	P	P			06 31 11.3 +0.5
H24K	Noodor Dome	36.23	36	P	P			06 31 11.6 +0.4
WAT6	Susitna Watana	36.24	42	P	P			06 31 11.7 +0.2
M23K	Glacier View	36.27	43	P	P			06 31 11.9 +0.3
C24K	Franklin Bluff	36.34	30	P	P			06 31 12.0 0.0
F24K	Squaw Lake	36.35	34	P	P			06 31 12.0 -0.2
P20K	Poker Flat Res	36.38	38	P	P			06 31 12.7 +0.3
DHY	Denali Highway	36.40	41	I	Amb	I	Amb	06 31 33.2
DHY	Denali Highway	36.40	41	P	P			06 31 12.5 -0.3
G24K	Hadweencic Riv	36.44	35	I	Amb	I	Amb	06 31 32.9
G24K	Hadweencic Riv	36.44	35	P	P			06 31 12.9 0.0
SCM	Sheep Creek Mo	36.46	43	P	P			06 31 13.5 +0.2
P23K	Montague Islan	36.55	46	P	P			06 31 14.4 +0.4
HDA	Harding Lake	36.58	39	I	Amb	I	Amb	06 31 32.7
HDA	Harding Lake	36.58	39	P	P			06 31 14.5 +0.4
IL31	Elison Array	36.61	38	P	P			06 31 14.6 +0.3
ILAR	Elison Array	36.61	38	P	P			06 31 14.2 -0.1
ILAR	Elison Array	36.61	38	P	P			06 48 25.6
ILAR	Elison Array	36.61	38	P	P			06 31 14.5 +0.1
ILAR	Elison Array	36.61	38	P	P			06 31 14.5 +0.1
GLGR	Glacier Island	36.63	45	P	P			06 31 14.9 +0.2
KNGR	Kungtug, Tuv	36.65	298	eP	P			06 31 13.4 -1.7
M24K	Tolsona, Glenn	36.99	43	P	P			06 31 18.1 +0.4
G25K	Bearman Lake	36.99	35	P	P			06 31 17.8 +0.2
D25K	Kavik River	37.09	31	I	Amb	I	Amb	06 31 44.6
D25K	Kavik River	37.09	31	P	P			06 31 18.7 +0.2
K24K	Donnelly Dome	37.10	40	P	P			06 31 19.4 +0.8
Q23K	Middleton Isla	37.14	47	P	P			06 31 19.5 +0.6
KLU	Klutina	37.15	44	I	Amb	I	Amb	06 31 28.6
KLU	Klutina	37.15	44	P	P			06 31 19.0 -0.2
PRP	Porcupine Dome	37.19	37	P	P			06 31 19.5 0.0
F25K	Christian Rive	37.21	34	P	P			06 31 19.7 +0.2

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DIV	Divide	37.25	44	I	Amb	I	Amb	06 31 25.5
J25K	Salcha River,	37.26	39	P	P			06 31 19.9 -0.1
PAX	Paxson	37.27	41	P	P			06 31 20.3 +0.2
E25K	Arctic Village	37.28	33	P	P			06 31 20.4 +0.3
E25K	Arctic Village	37.28	33	P	P			06 31 20.2 +0.2
EYAK	Cordova SKR Ar	37.32	45	P	P			06 31 20.9 +0.5
FYU	Fort Yukon	37.33	35	P	P			06 31 21.4 +0.9
FYU	Fort Yukon	37.33	35	I	Amb	I	Amb	06 31 34.6
RIDG	Independent Ri	37.51	40	I	Amb	I	Amb	06 31 40.2
RIDG	Independent Ri	37.51	40	P	P			06 31 22.5 +0.3
C26K	Camden Bay	37.66	30	P	P			06 31 23.3 0.0
N25K	Chitina, Valde	37.77	43	P	P			06 31 24.8 +0.4
F26K	Sheenjek River	37.79	33	P	P			06 31 24.7 +0.3
BMRM	Bremner River	37.83	44	I	Amb	I	Amb	06 31 31.1
BMRM	Bremner River	37.83	44	P	P			06 31 25.2 +0.3
RAGM	Ragged Mountai	37.87	45	I	Amb	I	Amb	06 31 45.9
SCRM	Sand Creek	37.88	40	P	P			06 31 25.3 0.0
G26K	Porcupine Rive	37.91	35	P	P			06 31 25.9 +0.5
KAIM	Kayak Island	38.05	46	P	P			06 31 26.5 -0.1
C27K	Jago River	38.05	30	P	P			06 31 26.4 -0.2
I26K	Coal Creek Min	38.17	37	P	P			06 31 27.5 -0.3
L26K	Log Cabin Wild	38.23	41	P	P			06 31 28.4 +0.2
LZH	Lanzhou	38.25	273	eP	P			06 31 29.5 +0.7
LZH	Lanzhou	38.25	273	sP	P			06 31 41.3 +2.7
LZH	Lanzhou	38.25	273	sP	P			06 31 48.0 +5.5
LZH	Lanzhou	38.25	273	pmax	P			06 31 31.2 +0.8
LZDM	Lanzhou Array	38.42	273	P	P			06 31 31.2 +0.8
M26K	Nabesna, AK	38.45	42	I	Amb	I	Amb	06 31 49.7
M26K	Nabesna, AK	38.45	42	P	P			06 31 30.2 +0.1
MCARA	McCarthy VSAT	38.55	44	P	P			06 31 31.2 +0.3
CROQ	Cirque	38.57	45	I	Amb	I	Amb	06 31 33.7
CROQ	Cirque	38.59	45	P	P			06 31 31.9 +0.6
K27K	Chicken	38.72	39	I	Amb	I	Amb	06 31 51.5
G27K	Doyon Strip	38.75	35	P	P			06 31 35.4 +2.8
G27K	Doyon Strip	38.75	35	P	P			06 31 32.7 +0.2
E27K	Coleen River	38.76	33	P	P			06 31 34.9 +2.3
E27K	Coleen River	38.76	33	P	P			06 31 32.6 0.0
I27K	Kandik River	38.81	37	P	P			06 31 32.1 -0.9
H27K	Steamboat Moun	38.82	36	P	P			06 31 33.1 -0.1
L27K	Beaver Creek,	38.92	41	I	Amb	I	Amb	06 31 54.5
L27K	Beaver Creek,	38.92	41	P	P			06 31 34.0 +0.1
BCAR	Beaver Creek A	38.94	41	P	P			06 31 35.6 +1.5
M27K	Edge Creek, AK	38.97	42	P	P			06 31 34.8 +0.2
D27M	Malcolm River	39.01	31	P	P			06 31 34.5 -0.2
NR1K	Noril'sk	39.24	329	LR	LR			06 51 25.9
MESA	Mesa	39.24	45	P	P			06 31 37.1 +0.2
BARN	Barnard Glacie	39.24	44	I	Amb	I	Amb	06 31 39.3
GRNC	Granite Creek	39.25	45	I	Amb	I	Amb	06 31 39.2
GTA2	Gaotai	39.37	280	P	P			06 31 38.0 -0.1
GTA2	Gaotai	39.37	280	pmax	P			06 31 38.0 -0.1
GTA2	Gaotai	39.37	280	pmax	P			06 31 38.0 -0.1
GTA2	Gaotai	39.37	280	pmax	P			06 31 38.0 -0.1
F28M	Old Crow	39.42	34	P	P			06 31 38.0 -0.1
BVCY	Beaver Creek	39.43	42	P	P			06 31 37.8 -0.5
I28M	Miner Creek	39.52	37	P	P			06 31 38.8 -0.2
E28M	Babbage River	39.52	32	P	P			06 31 39.0 +0.1
YUK3	Moze Creek	39.71	43	P	P			06 31 40.7 -0.1
O28M	Mount Upton	40.00	44	P	P			06 31 43.5 +0.2

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WBAZ, Y14A, NC405, NOA, ISCO, HFS, MVCO, MNK, MNT, MNR, MNI, MNS, MAK, S22A, X18A, PABE, K30B, YMMN, KONO, GOF, SDCO, STRU, ECSD, TUC, ERBR, E38A, TJOU, KIV, BORU, KBZ, KBZ, KBZ, ONAU, SBM, ASAR, AKASG, AKASG, AKASG, AKKB, AKKB, AKKB, KIEV, KIEV, DEL, I37A, M128, 319A, BJUU, RNP9, RNP8, RNP5, PALK, PALK, PALK, PALK, BSD, BSD, GNI, ANN, ANN, ANN, LUBAR, SCHG.

2020 MAY

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SCHO, SCIA, KSU1, HORU, SORM, NNDU, AMTX, SIM, MSTX, N38A, L40A, KMPD, SMWD, GEVA, KWP, KOPT, SHIU, STNU, P38A, VHRN, KSV, L42A, PECO, OJC, VLDQ, MEZ, POST, STHS, STHS, ODSA, BUR08, BURAR, BRIU, WMOK, P40A, NIE, KSP, TESR, BANOM, SHME, MNHN, FLTG, BERU, APMT, RETH, ALPN, STEB, EKA, DPC, LANS, LANS, HDIL, MDH, KRCL, MORC, MORC, MORC, MORC, MASFI, MSFE, CFR, CFR, CLL, CLL, CLL, LPIG, VRI, VRI, VRI, BZK, BIDO, PLOR, PLOR, W35A, W35A.

26d 6h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WBK, TURR, SAHR, TPGR, JLN, OZUP, R40A, CLZ, UOSS, UOSS, UOSS, HATD, SMDO, ABTX, NEUB, TX31, TXAR, IBBN, HSKK, HOQ, ASHO, ASHO, NAZ, NAZ, MLR, MLR, SOHO, VYHS, VYHS, ISR, VRAC, VRAC, VRAC, MARR, PRU, PRU, JAVC, DRGR, DRGR, OZNA, PISZ, HHAR, CCM, CCM, SAND, KRUC, PLN, MOX, ASUD, ASUD, SFIN, SMOL, BSY, ALNE, ALNE, ARQ, ARR, UBBA, MODS, MODS, KASTH, FVM, FVM, N47A, N47A, MANZ, SRO, SRO, LOT, BNN, TRQ, TRQ, ROTZ, STKA, STKA, STKA, T42A, BRDY, BRDY, KHC, KHC, KHC, KHC, CKRC, CKRC, JCT, JCT, JCT, WINA, MHTO, GZR, GZR, GRF, GRF, GRF.

26d 6h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BR131 Keskin Array S, BR131 Keskin Array S, BR131 Keskin Array S, etc.

2020 MAY

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MANT Manisa, SWET Swanee, DOK Doka, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ADH Agualva, Azore, PAGU Agualva, Azore, PAGU Agualva, etc.

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like VPSS, TABAC, CHIK, etc.

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like TWSI, KNRA, JAGI, etc.

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like MTRV, GRL, GRL, etc.

NEIC 26 07:32:09.9, 1.6, 4.30S, 0.07x127.37E, h261km, 5km, mb4.5/23, Error ellipse: s-maj=11.5km s-min=8.9km az=225.0

DJA 26 07:32:09.7, 0.2, 4.3, 3.12, 7E, h262km, 3km, M4.5/25, mb5.1/10, mb4.5/20, MLV4.7/25, mw(mb)4.5/10

IDC 26 07:32:10.6, 1.5, 4.36S, 127.41E, h275km, 16km, mb3.8/9, mbmp4.6/13, Error ellipse: s-maj=23.1km s-min=8.9km az=7.2

ISC 26 07:32:08.0, 5.4, 3.00S, 0.05x127.38E, 0.05, h250km, n77, s1562/83, mb4.3/13, Banda Sea

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like AAI, NLAN, NLAN, etc.

IDC 26 07:32:43.7, 0.5, 4.8, 28N, 154.76E, h0km, mb4.4/33, mbmp4.4/36, ML4.0/3, MS3.9/45, Error ellipse: s-maj=14.1km s-min=11.9km az=152.0

KRSC 26 07:32:47.3, 1.5, 4.8, 16N, 155.89E, h38km, 24km, M4.9, MOS 26 07:32:48.1, 0.9, 4.8, 26N, 154.86E, h44km, mb4.8/35, Error ellipse: s-maj=6.8km s-min=3.6km az=77.1

SKHL 26 07:32:49.0, 0.2, 4.8, 20N, 155.20E, h54km, 5km, mb5.3/10, NEIC 26 07:32:49.1, 2.1, 4.8, 22N, 0.09x154.8E, 0.1, h35km, 1km, mb4.5/14, Error ellipse: s-maj=16.2km s-min=9.8km az=328.0

BGR 26 07:32:50.2, 4.8, 19N, 154.48E, h33km, mb5.0, ISC 26 07:32:49.6, 0.4, 4.8, 28N, 0.05x154.84E, 0.05, h43km, n666, s121/613, mb4.5/159, MS4.0/44, 28C-30D, Kuril Islands

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like SKR, SKR, SKR, etc.

BGR 26 07:32:50.2, 4.8, 19N, 154.48E, h33km, mb5.0, ISC 26 07:32:49.6, 0.4, 4.8, 28N, 0.05x154.84E, 0.05, h43km, n666, s121/613, mb4.5/159, MS4.0/44, 28C-30D, Kuril Islands

Table with columns: Code, Station Name, Az, El, Pn, Time, Res. Includes stations like GRL, GRL, GRL, etc.

TEY	comp=Z,10.0nm,1.1s	pmax	pmax		
SHEM	Shemya Is. Ala	13.04 63 Sn	Sn	07 38 00.9 -14	
SHEM	comp=Z,2.3nm,0.3s,baz=278,slow=22,SNR=5.6	LR	LR	07 40 50.8	
SHEM	comp=Z,226nm,20.9s,baz=291,slow=37	LR	LR		
SMY	Shemya	13.04 63 Pn	Pn	07 35 49.5 -2.4	
SMY	Shemya	13.04 63 PN	PN	07 35 49.5 -2.4	
SEY	Seymchan	14.76 356 Pn	Pn	07 36 16.1 +1.0	
SEY	comp=Z,0.2nm,0.3s,baz=169,slow=10,SNR=9.2	LR	LR		
SEY	Seymchan	14.76 356eP	Pn	07 36 15.6 +0.4	
SEY	comp=Z,9.0nm,1.0s	LR	pmax		
SEY	Seymchan	14.76 356 eP	Pn	07 36 15.6 +0.4	
SEY	Kul'dur	15.25 282 Pn	Pn	07 36 23.8 +2.0	
SEY	comp=Z,0.2nm,0.3s,baz=88,slow=12,SNR=12	LR	LR	07 42 33.7	
KLR	comp=Z,395nm,19.3s,baz=94,slow=39	LR	LR		
KLR	Kul'dur	15.25 282ceP	Pn	07 36 24.1 +2.3	
KLR	comp=Z,1.6nm,0.9s	LR	pmax		
KLR	Kul'dur	15.25 282 eP	Pn	07 36 24.1 +2.3	
USRK	Ussuriysk Ar.	16.31 264 Pn	Pn	07 36 37.1 +1.7	
USRK	comp=Z,1.2nm,0.3s,baz=98,slow=11,SNR=8.2	LR	LR		
VLA	Vladivostok	16.82 261eP	Pn	07 36 41.1 -0.7	
VLA	comp=Z,1.5nm,0.9s	LR	pmax		
VLA	Vladivostok	16.82 261 eP	Pn	07 36 41.1 -0.7	
VLA	Matsushiro	16.94 232 P	Pn	07 36 44.7 +1.4	
MAJO	Matsushiro	16.94 232 Pn	Pn	07 36 40.2 -3.1	
MAJO	Matsushiro	16.94 232 P	pmax	07 36 40.2 -3.1	
MAJO	comp=Z,1.5nm,0.8s	LR	pmax		
MJAR	Matsushiro Arr	16.94 232 Pn	Pn	07 36 40.1 -3.3	
MJAR	comp=Z,0.1nm,0.3s,baz=28,slow=13,SNR=23	LR	LR		
MJAR	Matsushiro Arr	16.94 232 P	Pn	07 36 42.4 -0.9	
MJAR	Matsushiro Arr	16.94 232 P	pmax	07 36 42.4 -0.9	
MJAR	comp=Z,5.0nm,0.9s	LR	pmax		
MJB9	Matsu-Tunnel	16.94 232 Pn	Pn	07 36 40.8 -2.6	
PSFR	Posyet	17.74 260ceP	Pn	07 36 52.2 -1.0	
PSFR	Posyet	17.74 260 eP	Pn	07 36 52.2 -1.0	
MDJ	Mudanjiang	17.75 268 P	Pn	07 36 55.2 +1.9	
MDJ	Mudanjiang	17.75 268 P	Pn	07 36 50.9 -2.5	
MDJ	Mudanjiang	17.75 268 P	pmax	07 36 53.8 +0.5	
MDJ	comp=Z,2.3nm,1.1s	LR	pmax		
HEH	HeiHe	17.97 287 eP	Pn	07 36 58.0 +2.0	
HEH	comp=Z,2.2nm,0.9s	LR	pmax		
HEH	comp=N,260nm,15.2s	LR	LR		
HEH	comp=E,560nm,15.9s	LR	LR		
HEH	comp=Z,570nm,16.1s	LR	LR		
JGF	Kuroka	18.10 232 P	P	07 36 59.6 +1.9	
JGF	Kuroka	18.10 232 P	Pn	07 36 55.2 -2.5	
ZEA	Zeya	18.14 298 eP	Pn	07 37 06.4 +8.5	
ZEA	comp=Z,30nm,1.0s	MLR	MLR		
ZEA	comp=E,300nm,13.0s	MLR	MLR		
ZEA	comp=Z,300nm,14.0s	MLR	MLR		
INU	Inuyama	18.47 232 P	Pn	07 37 04.4 +2.3	
INU	Inuyama	18.47 232 P	Pn	07 37 00.2 -1.5	
INU	comp=Z,28nm,0.9s	IAmb	IAmb	07 37 04.9	
BNX	BinXian	18.84 273 S	S	07 37 05.0 -0.7	
BNX	comp=Z,6.0nm,0.6s	LR	pmax	07 37 03.0 -5.4	
BNX	comp=Z,170nm,7.6s	LR	pmax		
BNX	comp=N,180nm,15.7s	LR	LR		
BNX	comp=E,180nm,21.7s	LR	LR		
BNX	comp=Z,320nm,18.4s	LR	LR		
HJH	Hachijo jima 2	18.91 222 LR	LR	07 47 13.8	
HJH	comp=Z,43nm,18.4s,baz=78,slow=46	LR	LR		
YAK	Yakutsk	19.73 324 P	P	07 37 14.9 -0.3	
YAK	comp=Z,0.9nm,0.3s,baz=57,slow=3.4,SNR=4.9	LR	LR	07 44 28.5	
YAK	comp=Z,218nm,19.6s,baz=117,slow=36	LR	LR		
YAK	comp=Z,14nm,0.4s	LR	LR		
YAK	Yakutsk	19.73 324 P	P	07 37 14.9 -0.3	
YAK	Yakutsk	19.73 324 eP	P	07 37 14.8 -0.3	
YAK	Yakutsk	19.73 324 eS	S	07 40 53.6 -1.4	
YAK	comp=Z,15nm,1.0s	LR	pmax		
YAK	comp=N,4.0nm,1.0s	LR	pmax		
YAK	comp=E,11nm,1.4s	LR	pmax		
YAK	comp=N,70nm,4.5s	LR	pmax		
YAK	comp=E,58nm,3.6s	LR	pmax		
BILL	Bilibino	20.65 12 P	P	07 37 22.5 -2.7	
BILL	Bilibino	20.65 12eP	P	07 37 24.0 -1.2	
BILL	comp=Z,7.0nm,1.0s	LR	pmax		
JMN	Monobe	21.38 235 P	P	07 37 35.1 +1.7	
JMN	Monobe	21.38 235 P	P	07 37 33.0 -0.5	
JMN	comp=Z,14nm,1.0s	IAmb	IAmb	07 37 39.0	
KSR5	Korea Array	22.39 251 P	P	07 37 44.1 0.0	
KSR5	comp=Z,20nm,0.9s,baz=50,slow=10,SNR=50	LR	LR	07 46 01.6	
KSR5	comp=Z,248nm,18.6s,baz=55,slow=36	LR	LR		
KSR5	Korea Array	22.39 251 eP	P	07 37 44.3 +0.2	
KSR5	comp=Z,19nm,0.9s	LR	pmax		
KSR5	Korea Array	22.39 251 eP	P	07 37 44.3 +0.2	
KS19	Wonju Array Si	22.39 251 P	P	07 37 44.1 0.0	
KS19	comp=Z,3.8nm,0.5s,baz=77,slow=3.8,SNR=4.2	IAmb	IAmb	07 37 47.9	
KSAR	Wonju Array Be	22.42 251 P	P	07 37 43.8 -0.6	
KSAR	Wonju Array B	22.42 251 P	P	07 37 43.8 -0.6	
HILR	Hailar Array B	22.97 286 P	P	07 37 49.2 -1.0	
HILR	comp=Z,3.8nm,0.5s	LR	LR		
INCN	Inchon	23.19 253 P	P	07 37 51.2 -1.2	
INCN	Inchon	23.19 253 P	P	07 37 51.2 -1.2	
INCN	comp=Z,34nm,1.0s	LR	pmax		
TJN	Taejon	23.40 250 P	P	07 37 55.8 +1.3	
TJN	Taejon	23.40 250 P	P	07 37 53.3 -1.2	
TJN	Taejon	23.40 250 P	P	07 37 53.3 -1.2	
TJN	comp=Z,85nm,0.7s	LR	pmax		
JNU	Nakatsue	23.51 239 LR	LR	07 46 28.8	
JNU	comp=Z,14nm,19.3s,baz=40,slow=55	LR	LR		
JNU	Nakatsue	23.51 239 P	P	07 37 57.1 +1.5	
JNU	Nakatsue	23.51 239 P	P	07 37 56.1 +0.5	
JNU	comp=Z,17nm,1.2s	IAmb	IAmb	07 37 59.2	
GAMB	Gambell	23.90 37 P	P	07 37 59.8 +0.9	
GAMB	comp=Z,246	LR	LR		
JSU	Suzuyama	24.95 237 P	P	07 38 10.3 +1.5	
M11K	Mekoryua	25.33 47 P	P	07 38 12.9 +0.9	
M11K	comp=Z,25	LR	LR		
TNA	Tin City	26.11 35 P	P	07 38 21.1 +2.2	
TNA	comp=Z,8.8nm,0.9s	IAmb	IAmb	07 38 23.6	
TNA	Tin City	26.11 35 P	P	07 38 19.4 +0.5	
TNA	comp=Z,247,SNR=7.1	LR	LR		
TIXI	Tiksi	26.36 342 LR	LR	07 50 04.6	
TIXI	comp=Z,267nm,18.3s,baz=150,slow=40	LR	LR		
TIXI	Tiksi	26.36 342eP	P	07 38 20.8 -0.3	
TIXI	comp=Z,3.0nm,0.9s	LR	pmax		
TIXI	Tiksi	26.36 342 eP	P	07 38 20.8 -0.3	
FALS	False Pass	26.45 60 P	P	07 38 22.5 +0.4	
FALS	comp=Z,273	LR	LR		
F14K	Arctic Creek	26.69 36 P	P	07 38 24.5 +0.2	
F14K	comp=Z,248,SNR=5.1	LR	LR		
ANM	Nome	26.77 38 P	P	07 38 25.3 +0.4	
ANM	comp=Z,20nm,1.4s	IAmb	IAmb	07 38 40.2	

ANM	Nome	26.77 38 P	P	pmax	07 38 25.3 +0.4
ANM	comp=Z,19nm,1.4s	LR	LR	pmax	
ANM	Nome	26.77 38 P	P	pmax	07 38 25.3 +0.4
F15K	North Star Dit	27.43 36 P	P	P	07 38 31.8 +0.9
G15K	Niukuk	27.44 37 P	P	P	07 38 31.6 +0.6
M14K	comp=Z,253	27.46 47 P	P	P	07 38 32.1 +1.0
M14K	Bethel	27.46 47 P	P	P	07 38 32.1 +1.0
N14K	Kuskokwak Cree	27.50 49 P	P	P	07 38 32.5 +1.0
O14K	Tiguluviv Mt	27.66 50 P	P	P	07 38 33.1 +0.1
L15K	Ungalik Mounta	27.81 45 P	P	P	07 38 34.4 +0.5
K15K	Wolf Creek Mou	27.89 44 P	P	P	07 38 35.2 +0.1
M15K	Kasigluk River	28.07 47 P	P	P	07 38 36.9 +0.3
H16K	Elim	28.08 39 P	P	P	07 38 37.5 +0.8
SDPT	Sand Point	28.10 58 P	P	P	07 38 37.6 +0.7
C16K	Lisburne Hills	28.16 30 P	P	P	07 38 37.3 0.0
N15K	Kwetluk River	28.32 48 P	P	P	07 38 39.7 +0.8
O15K	Ungalikthiuk R	28.39 50 P	P	P	07 38 40.4 +0.9
J16K	Anvik River	28.49 42 P	P	P	07 38 40.8 +0.5
S14K	Fog Glacier	28.56 56 P	P	P	07 38 42.0 +0.8
I17K	Unalakleet	28.56 40 P	P	P	07 38 41.6 +0.6
CHNA	Chernabura Isl	28.66 59 P	P	P	07 38 42.5 +0.6
D17K	Noatak River	28.71 32 P	P	P	07 38 42.2 0.0
L16K	Owhat River	28.77 45 P	P	P	07 38 43.2 +0.4
M16K	Timber Creek	28.94 47 P	P	P	07 38 43.3 -1.1
G17K	Kwialik Mounta	28.95 37 P	P	P	07 38 44.7 +0.3
E17K	Hotham Inlet	28.96 34 P	P	P	07 38 44.4 0.0
C17K	Delong Mountai	28.97 31 P	P	P	07 38 44.3 -0.3
F17K	Baldwin Pennin	28.98 35 P	P	P	07 38 45.8 +1.2
F17K	Baldwin Pennin	28.98 35 P	P	P	07 38 43.7 -0.9
N16K	Nishik Lake	29.00 48 P	P	P	07 38 44.2 -0.7
H17K	Granite Mounta	29.12 38 P	P	P	07 38 45.4 +0.5
J17K	VADM Dome	29.18 42 P	P	P	07 38 46.2 -0.3
O16K	Kokwok River B	29.29 50 P	P	P	07 38 47.1 -0.4
P16K	Nushagak River	29.34 51 P	P	P	07 38 47.4 -0.5
L17K	Donlin	29.37 44 P	P	P	07 38 47.7 -0.4
K17K	Iditarod	29.43 43 P	P	P	07 38 51.0 +2.3
K17K	Iditarod	29.43 43 P	P	P	07 38 48.0 -0.8
E18K	Tukpahlearkic	29.52 33 P	P	P	07 38 49.0 -0.4
F18K	Selawik	29.64 35 P	P	P	07 38 50.9 +0.5
M17K	Holtina River	29.71 46 P	P	P	07 38 51.6 +0.4
C18K	Utukok River	29.71 31 P	P	P	07 38 52.4 +1.2
C18K	Utukok River	29.71 31 P	P	P	07 38 51.9 +0.7
N17K	Nushagak Hills	29.78 48 P	P	P	07 38 52.3 +0.5
O17K	Koliganek Bris	29.80 49 P	P	P	07 38 52.2 +0.2
H18K	Honhosa River	29.81 38 P	P	P	07 38 52.2 +0.1
G18K	Tagagawik	29.85 37 P	P	P	07 38 52.7 +0.3
H11N2	WAKE ISLAND Hy 30.12 157 T	T	T	08 10 36.6	
H11N1	WAKE ISLAND Hy 30.12 157 T	T	T	08 10 29.5	
H11N3	WAKE ISLAND Hy 30.12 157 T	T	T	08 10 33.6	
L18K	Granite Mounta	30.13 44 P	P	P	07 38 55.3 +0.4
P17K	Kvichak River	30.14 50 P	P	P	07 38 55.2 +0.3
A19K	Wainwright	30.34 28 P	P	P	07 38 56.5 -0.1
C19K	Lookout Ridge	30.42 30 P	IAmb	IAmb	07 38 59.0 +1.6
C19K	comp=Z,13nm,1.5s	LR	LR	07 39 08.6	
C19K	Lookout Ridge	30.42 30 P	P	P	

26d 7h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like F24K Squaw Lake, M23K Glacier View, etc.

2020 MAY

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like LZH comp=Z,22nm,1.7s, L30M Mount Dempster, etc.

1690

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like CMAR Chiang Mai Arr, AAK Ala-Archa, etc.

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

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

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

RSNC 26 07:35:55.1±0.0, 7°N, 1°7'30"W, h141km, 2km, M3.1, mb4.7, mb3.4, ML2.8, Mw(mb)3.9
FUNV 26 07:35:56.2, 7.12N, 73.14W, h5km, MW3.7, Presumed earthquake

ISC 26 07:35:52.9±1.4, 6.87N, 0.03, 73.15W, 0.04, h151km, 9km, n28, c154/15, Northern Colombia

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

IDC 26 07:36:49.1±1.2, 8.18N, 137.60E, h0km, mb4.3/11, mbmp4.3/12, ML4.9/1, MS3.0/3, Error ellipse: s-maj=32.7km s-min=27.7km az=91.0
ISC 26 07:35:53.9±1.0, 8.2N, 0.1, 137.5E, 0.2, h30km, n15, c056/12, mb4.2/11, Western Caroline Islands

26d 7h

Table with columns: SJI, Sorong, 10.93 215 Pn, Pn, 07 39 28.6 +0.1, etc. Includes stations like Davao City (W), Keravat (AS076), Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like ZKZR Zakros, ANOY Anoyia, etc.

BGR 26 07:49:51.5:0.3, 47.50N:12.80E, h10km, ML2.0/13, Error ellipse: s-maj=4.4km s-min=3.3km az=176.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like LESA Schwarzeleotal, KBA Koelnbreinsper, etc.

2020 MAY

Table with columns: ZUGS, RETA, RETA, FETA, FETA, GEC2, OBKA, OBKA, SOKA, ARSA, DAVA, DAVA, CONA, WINA, KRUC, KRUC, VRAC, MORC, etc.

SJA 26 07:50:33.4:0.9, 22:27S:67:51W, h190km, ML4.7, MW4.4 NEIC 26 07:50:34.1:2.0, 22:27S:05:67:37W, 0.07, h163km, 5km, mb4.6/267, Mw4.6(GUC), Error ellipse: s-maj=10.5km

VAO 26 07:50:34.2:0.4, 22:19S:67:31W, h171km, mb4.7, Presumed earthquake IDC 26 07:50:34.1:1.5, 22:25S:67:29W, h165km, 13km, mb4.2/12, mbmp4.7/19, Error ellipse: s-maj=15.3km s-min=10.4km az=75.0

SCB 26 07:50:35.2:1.0, 02:28S:67:50W, h156km, MB5.2, ML4.7/3, Error ellipse: s-maj=16.8km s-min=16.4km az=0.0

GUC 26 07:50:36.2:0.8, 22:25S:67:54W, h173km, 7km, ML4.8 ISC 26 07:50:34.5:0.6, 22:23S:03:67:48W, 0.03, h176km, 5km, n298, r160/236, mb4.5/118, 19C, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like AF01 San Pedro de A, AF01 San Pedro de A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like HJA Humahuaca, SALTA, SALTA, etc.

1692

Table with columns: SLA, SLA, TA02, TA02, TA02, etc. Includes stations like San Lorenzo, Huaiquique, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Palmer Station, Tegich, TLiga, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Chr Cany lake, Greenwater Val, Pine Spring, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SKR, Severo-Kuril's, Petropavlovsk, etc.

IDC 26 07:57:34.8-0.7, 46:60N-153:39E, h0km, mb4.0/23, mbmp4.0/27, ML3.3/4, MS3.6/12, Error ellipse: s-maj=18.9km s-min=13.0km az=147.0, NEIC 26 07:57:37.2-2.0, 46:76N:0:1:153:4E:0:1, h10km, 1km, mb4.3/41, Error ellipse: s-maj=20.7km s-min=12.3km az=140.0, MOS 26 07:57:38.9-1.1, 46:59N:153:44E, h39km, mb4.6/16, Error ellipse: s-maj=8.9km s-min=6.8km az=75.2, SKHL 26 07:57:38.2-0.4, 46:30N:153:80E, h61km, 3km, mb4.8/175, ISC 26 07:57:38.2-0.6, 46:49N:0:0:153:45E:0:07, h24km, n16, e+144/166, mb4.3/51, MS3.8/11, 14C-15D, Kuril Islands

26d 8h

Table of seismic events with columns for station name, time, magnitude, depth, and location. Includes stations like Gaotai, Barnard Glacier, Miner Creek, Logan Glacier, etc.

2020 MAY

Table of seismic events for May 2020, including stations like Sopachiv, Yarash, Staryi Chorot, and various Kurchatov and Kurban stations.

1694

Table of seismic events for station 1694, including stations like Dav, DMPH, Kidapawan, Bislig, Cagayan de Oro, and various Kurban stations.

IDC 26 08:15:40.8±3.6, 53.67N:88.07E, h0km, mbtmp2.8/2, ML2.3/2, Error ellipse: s-maj=34.6km s-min=19.9km az=51.0

ASRS 26 08:15:36.0±0.9, 53.68N:88.20E, h0km, M2.6(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022., Southwestern Siberia

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

GCG 26 08:20:02.2±3.1, 15.41N:90.74W, h4km, 38km, MD3.6, Presumed earthquake

CATAC 26 08:20:02.4±0.2, 15.12N:91.17W, h1km, M2.8/14, ML2.8/14, Error ellipse: s-maj=4.2km s-min=2.4km az=13.1, confirmed

ISC 26 08:20:06.1±1.1, 15.40N:0.004:90.73W±0.03, h11km±14km, n17, c968/28, Guatemala

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s, ISC. Includes stations like COBAN, EL APAZOTE, HUEHUETENANGO, etc.

IDC 26 08:20:11.3±4.1, 53.71N:90.70E, h0km, mbtmp3.0/2, ML2.8/1, Error ellipse: s-maj=37.5km s-min=24.9km az=36.0

ASRS 26 08:20:04.0±1.6, 53.76N:91.07E, h0km, M2.9(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022., Southwestern Siberia

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

IDC 26 08:34:21.2±1.5, 5.60N:126.13E, h0km, mb3.4/4, mbtmp3.4/4, MS3.6/1, Error ellipse: s-maj=163.3km s-min=17.2km az=69.0

MAN 26 08:34:27.0±0.08N, 126.29E, h1km, MS3.4, ISC 26 08:34:27.2±1.5, 5.73N:107.126E±0.07, h9km±12km, n16, c190/21, mb3.4/4, Mindanao

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s, ISC. Includes stations like DON MARCELINO, GENERAL SANTOS, DAVAO CITY, etc.

IDC 26 08:42:32.0±1.0, 34.29N:25.91E, h0km, mb3.9/10, mbtmp3.9/16, ML3.3/6, MS3.0/3, Error ellipse: s-maj=21.2km s-min=14.2km az=18.0

ISC 26 08:42:32.1, 34.29N:25.99E, h5km, ML3.1/20, NEIC 26 08:42:34.2±2.1, 34.25N:0.07±25.95E±0.04, h10km±1km, mb4.2/8, Error ellipse: s-maj=12.1km s-min=5.9km az=188.0

ISC 26 08:42:33.6±0.7, 34.27N:0.07±25.97E±0.05, h10km, n60, c1903/62, mb3.9/10, Crete

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s, ISC. Includes stations like ZAKROS, ANOYIA, KARPATHOS, etc.

BRTR Kurban Array B 8.20 46 Pn Pn 08 44 34.4 +1.6

BRTR Kurban Array B 8.20 46 Pn Pn 08 44 34.4 +1.6

TIP Timpagearad 8.87 306 Pn Pn 08 44 42.0 +0.1

EIL Elat 8.90 119 Pn Pn 08 44 42.5 +0.2

CEL Cella 9.06 299 Pn Pn 08 44 44.8 +0.3

RAFF Raffo Rosso 9.88 291 Pn Pn 08 44 57.1 +1.3

CUC Castrocuoco 9.91 308 Pn Pn 08 44 57.7 +1.4

MLR Muntele Rosu 11.21 360 LR Pn 08 49 55.5

KBZ Khabaz 16.17 49 Pn Pn 08 46 24.1 +0.1

VRAC Vranovo 16.55 338 Pn Pn 08 46 25.3 -0.4

AKASG Malin Array Be 16.59 7 Pn Pn 08 46 26.5 +0.3

AKASG Malin Array Be 16.59 7 Pn Pn 08 46 26.5 +0.3

AKASG Malin Array Be 16.59 7 Pn Pn 08 46 26.5 +0.3

AKASG Malin Array Be 16.59 7 Pn Pn 08 46 26.5 +0.3

AKASG Malin Array Be 16.59 7 Pn Pn 08 46 26.5 +0.3

CATAC 26 08:44:15.7±0.4, 13°N:2°9'0W±, h13km±2km, M3.0/25,

MLV3.0/25, Error ellipse: s-maj=5.2km s-min=3.8km az=15.1, confirmed
SNET 26 08:44:16.3+1.2, 13:17N-89:99W, h27km, ML2.8, Presumed earthquake
GCG 26 08:44:17.2+1.0, 13:26N-90:02W, h25km, 7km, MD3.6, ML3.4, Presumed earthquake
ISC 26 08:44:17.0+2.1, 13:19N-0:08-89:95W+0.06, h2km, 13km, n39,+046/60, El Salvador

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

IDC 26 08:44:50.9+3.2, 53:61N-87:89E, h0km, mbtmp3.1/2, ML2.2/2, Error ellipse: s-maj=29.7km s-min=18.8km az=50.0

ASRS 26 08:44:48.0+1.4, 53:64N-87:82E, h0km, M2.7(GOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for ASRS.

IDC 26 08:50:28.8+1.3, 5:85N-82:68W, h0km, mb3.8/6, mbtmp3.9/10, ML2.9/3, MS3.4/11, Error ellipse: s-maj=45.2km s-min=18.5km az=46.0

UPA 26 08:50:28.3+1.4, 5:63N-82:62W, h64km, 37km, MW4.0, Presumed earthquake

NEIC 26 08:50:31.6+1.6, 5:94N-0:07-82:65W-0:09, h10km, 1km, mb4.4/47, Error ellipse: s-maj=17.2km s-min=10.0km az=237.0

UCR 26 08:50:31.0+1.6, 5:82N-82:49W, h36km, 40km, MB4.4(NEIC), Presumed earthquake

CATAC 26 08:50:32.7+0.7, 6:1N-3:8'2W, h22km, 7km, M4.5/24, mb4.8/14, mb5.0/6, ML4.5/24, Mw(mb)4.3/6, Error ellipse: s-maj=7.8km s-min=3.3km az=25.3, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, Mr=0.51; Mw=0.83; Ms=0.32; Mb=1.25; Mw=0.67; Mo=0.60; Fault plane solution: M1: 70137x1019 Np1=10.71309; 315:32769; -1:95-22947; NIP2=9.96; 13430; 87:37367; 1:88-56895; Principal axes: T: 1.9261; P: 7.2361; P-Azm24.9691; N-0.6281; P1=1.3806; Azm115.7575; P-1.2980; P1g60.2378; Azm208.1730; confirmed

ISC 26 08:50:31.0+2.2, 5:99N-0:05-82:49W-0:04, h13km, 14km, n250,+0141/251, mb4.4/28, MS3.7/32C-10D, South of Panama

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for ISC.

Main table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous seismic stations and their characteristics.

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

26d 9h

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h m s, ISC. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, H01W1 Cape Leeuwin H, etc.

IDC 26 08:59:43.9 0.0, 41.87N, 82.25E, h0km, mb3.7/9, mblmp4.7/15, ML3.3/8, Error ellipse: s-maj=16.0km s-min=13.4km az=67.0

SOME 26 08:59:43.2, 42.35N, 82.68E, h15km NNC 26 08:59:47.1 1.5, 41.94N, 82.13E, h0km, mb4.4, mpv4.1, Error ellipse: s-maj=11.3km s-min=7.1km az=151.0

ISC 26 08:59:47.1 0.8, 41.98N, 0.05:82.17E, 0.04, h14km, n47, az=65/65, mb3.6/8, 9C-8D, Southern Xinjiang

Main table for 26d 9h section, listing stations like SHLS Shalkode, PDGK Podgornoye, UZB Uzynbulak, etc.

IDC 26 09:05:01.8 0.6, 34.13N, 141.164E, h0km, mb4.1/17, mblmp4.1/23, ML3.5/5, MS3.9/35, Error ellipse: s-maj=16.2km s-min=13.8km az=79.0

MOS 26 09:05:02.0 0.0, 0.8, 34.09N, 141.69E, h13km, mb4.6/25, Error ellipse: s-maj=13.7km s-min=6.4km az=125.8

NEIC 26 09:05:05.1 1.4, 4.34, 20N, 0.07:141.5E, 0.1, h10km, 1km, mb4.6/37, Error ellipse: s-maj=16.1km s-min=10.6km

ISC 26 09:05:06.0 0.5, 34.17N, 0.05:141.55E, 0.05, h24km, n399, az=1501/379, mb4.5/52, MS4.0/33, 11C-5D, Off east coast of Honshu

Main table for 26d 9h section, listing stations like BSO1 Boso 1, JYHU Jiyu, KJUC Kamogawauchiur, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h m s, ISC. Includes stations like KK31, KURBB Kurchatov Arr, etc.

IDC 26 09:05:06.0 0.5, 34.17N, 0.05:141.55E, 0.05, h24km, n399, az=1501/379, mb4.5/52, MS4.0/33, 11C-5D, Off east coast of Honshu

ISC 26 09:05:06.0 0.5, 34.17N, 0.05:141.55E, 0.05, h24km, n399, az=1501/379, mb4.5/52, MS4.0/33, 11C-5D, Off east coast of Honshu

ISC 26 09:05:06.0 0.5, 34.17N, 0.05:141.55E, 0.05, h24km, n399, az=1501/379, mb4.5/52, MS4.0/33, 11C-5D, Off east coast of Honshu

Main table for 2020 MAY section, listing stations like BSO1 Boso 1, JYHU Jiyu, KJUC Kamogawauchiur, etc.

1696

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

IDC 26 09:05:06.0 0.5, 34.17N, 0.05:141.55E, 0.05, h24km, n399, az=1501/379, mb4.5/52, MS4.0/33, 11C-5D, Off east coast of Honshu

IDC 26 09:05:06.0 0.5, 34.17N, 0.05:141.55E, 0.05, h24km, n399, az=1501/379, mb4.5/52, MS4.0/33, 11C-5D, Off east coast of Honshu

IDC 26 09:05:06.0 0.5, 34.17N, 0.05:141.55E, 0.05, h24km, n399, az=1501/379, mb4.5/52, MS4.0/33, 11C-5D, Off east coast of Honshu

Main table for 1696 section, listing stations like TYV, KLR Kuldur, KLR Kuldur, etc.

1697

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, etc.

2020 MAY

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like B21K Ipkipuk River, F21K Alaina River, E21K Kiilik River, etc.

26d 9h

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like F26K Sheenjek River, N25K Chitina, Valde, BMRM Bremner River, etc.

26d 9h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like S32K Killisnoo, A36M Sachs Harbour, P33M Teslin, Yukon, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MOTS Motueka DOC, NELH Nelson Hospita, NELC Nelson Council, etc.

1698

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NRCA comp=N,252um,0.1s, NRCA Assis San Ben, etc.

ISC 26 09:24:23.5±1.0, 49.73N±0.05, 17.72E±0.04, h11km, 10km, n7, e031/13, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MORC Moravsky Berou, MORC Vranov, etc.

PRE 26 09:32:51.0±0.9, 27.88S±26.57E, h2km, ML2.6, Presumed earthquake

BGSI 26 09:32:51.7±1.7, 28.09S±25.55E, h264km, 37km, ML3.1, Presumed earthquake

ISC 26 09:32:17.0±0.9, 27.87S±26.58E±0.05, h10km, n19, e141/30, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PRYS Parys, HRAO HartRAO, etc.

NOU 26 09:10:57.6±1.4, 73S±172.38E, h5km, MLV4.0/14, South Island, New Zealand

WEL 26 09:10:57.6±1.4, 73S±172.38E, h9km, 2km, M3.2/12, ML3.0/16, MLV3.2/12, Error ellipse: s-maj=2.9km s-min=1.6km az=136°

ISC 26 09:10:58.0±0.8, 41.74S±102.172E±0.02, h15km, 6km, n89, e1506/129, South Island

Table of station data including call signs like GRAF, KWAN, and various frequencies and coordinates.

ISK 26 09:36:22.2, 33.99N-25.73E, h5km, ML3.5/1.0
IDC 26 09:36:24.3-1.0, 33.99N-25.68E, h0km, mb3.8/9,
mbmp3.8/15, ML3.1/5, MS3.2/8, Error ellipse:
s-maj=20.7km s-min=15.7km az=5.0

NEIC 26 09:36:25.1-1.6, 33.97N-0.09-25.577E:0.010,
h10km, mb4.0/9, Error ellipse: s-maj=14.5km
s-min=2.9km az=178.0

ATH 26 09:36:26.6, 34.04N-25.72E, h49km, 15km, ML3.4/7,
Latitude uncertainty: 3 km; Longitude uncertainty: 1 km
ISC 26 09:36:26.6-1.7, 34.07N:0.06-25.66E:0.04, h15km, 10km,
n84, c1508/88, mb3.9/11, MSS3.4/4, Crete

Main table of station data for the 1699 section, listing call signs, station names, frequencies, and coordinates.

Table of station data including call signs like MKAR, MKAR, ZALV, and various frequencies and coordinates.

KRNET 26 09:40:38.9-0.1, 40.84N-69.15E, mb2.6
ISC 26 09:40:41.0-0.3, 40.83N:0.08-69.3E:0.2, h10km, n6,
c0554/11, 10C-30, Tajikistan

Table of station data for the KRNET section, listing call signs like BTK, TRKS, and various frequencies and coordinates.

UCR 26 09:56:54.2-1.8, 11.81N-86.85W, h15km, 13km, MW3.8,
Presumed earthquake
CATAC 26 09:56:56.8-0.5, 11.7N-86.77W, h17km, 3km, M3.2/25,
ML3.2/25, Error ellipse: s-maj=4.7km s-min=2.5km
az=52.9, confirmed

SNET 26 09:57:10.1-19.0, 11.51N-86.68W, h14km, ML2.5,
Presumed earthquake
ISC 26 09:56:56.8-1.3, 11.50N:0.03-86.84W:0.04, h15km, 9km,
n49, c0883/81, Near coast of Nicaragua

Main table of station data for the 2020 MAY section, listing call signs like SABN, ABCN, and various frequencies and coordinates.

HEL 26 10:00:58.0-0.1, 64.73N:30.77E, h0km, ML1.8, Explosion
KOLA 26 10:00:59.7, 64.74N:30.73E, h0km, ML2.0, Error ellipse:
s-maj=18.3km s-min=10.8km az=160.0, Kostomuksha,
Karelia
IDC 26 10:01:02.3-3.0, 64.79N:30.26E, h0km, mbmp2.8/1,
ML2.3/1, Error ellipse: s-maj=49.3km s-min=9.3km
az=101.0

ISC 26 10:00:57.0-0.9, 64.71N:0.02-30.57E:0.04, h0km, n34,
c1553/54, Finland-Karelia border region

Table of station data for the HEL and KOLA section, listing call signs like RMF and various frequencies and coordinates.

Table of station data including call signs like KU1, KU6, KU6, and various frequencies and coordinates.

IDC 26 10:04:54.4-1.5, 4.85N:126.86E, h0km, mb3.8/6,
mbmp3.8/6, Error ellipse: s-maj=148.9km s-min=18.3km
az=66.0

MAN 26 10:04:58.0, 4.67N:126.93E, h3km, MS3.2
ISC 26 10:04:56.4-1.0, 4.9N:0.1-127.2E:0.2, h10km, n8,
c178/10, mb3.9/6, Taiwan Islands

Main table of station data for the 26d 10h section, listing call signs like VAF, RAUF, and various frequencies and coordinates.

IDC 26 10:04:54.4-1.5, 4.85N:126.86E, h0km, mb3.8/6,
mbmp3.8/6, Error ellipse: s-maj=148.9km s-min=18.3km
az=66.0

MAN 26 10:04:58.0, 4.67N:126.93E, h3km, MS3.2
ISC 26 10:04:56.4-1.0, 4.9N:0.1-127.2E:0.2, h10km, n8,
c178/10, mb3.9/6, Taiwan Islands

Main table of station data for the IDC 26 10:04:54 section, listing call signs like DDMP, BIFH, and various frequencies and coordinates.

IDC 26 10:13:50.1-0.7, 4.82N:127.32E, h10km, 12km, mb3.9/17,
mbmp4.2/19, MS3.2/10, Error ellipse: s-maj=32.3km
s-min=8.9km az=63.0

ISC 26 10:13:50.1-0.7, 4.82N:127.32E:0.07, h95km, 7km,
n121, c1950/127, mb4.2/28, 126 91E Islands

Table of station data for the IDC 26 10:13:50 section, listing call signs like DDMP, GSGI, and various frequencies and coordinates.

26d 12h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KPKS, TARG, UZB, TDK, ARSB, SHLS, PDGK, DJR, KAPS, OHH, KK31, BRLS, KSH2, DRK, BTK, MAKZ, MK31, CHGR, KURBB, KURK, BORK, AB31, ARTI, KBZ, KIV, OBN.

2020 MAY

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ASAR, WRA, FLO, BBAC, YKA, ASAR, WRA, FLO, BBAC, YKA, ASAR, WRA, FLO, BBAC, YKA.

1704

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CD2, PZH, GYA, KMI2, ENH, TNCH, XAN, LZDM, LZH, GULI, CNSH, LYN, WHN, GZH2, GTA2, LSA, CHTO, BTO2, TIA.

Summary of coordinates and error ellipses for various stations, including IDC 26 12:18:05.3, 61.0, 17.07S; 179.67W, h0km, mb3.8/3, and other location data.

1705

TIA	comp=E,300nm,13.1s	LR	LR			
HHC	comp=Z,410nm,12.9s	13.30	27	eP	Pn	12 37 59.8 +0.9
HHC	comp=Z,15nm,0.7s			pmax	pmax	
HHC	comp=Z,64nm,4.6s					
HHC	comp=Z,260nm,9.5s			LR	LR	
HHC	comp=Z,170nm,8.9s			LR	LR	
BJI2	comp=Z,160nm,8.9s	14.88	40	P	S	12 38 22.3 -3.7
BJI2	comp=Z,1.0nm,0.5s			pmax	pmax	
BJI2	comp=Z,47nm,7.4s			LR	LR	
BJI2	comp=Z,130nm,12.6s			LR	LR	
EVN	comp=Z,120nm,12.9s					
SOMM	Everest	14.96	27	Pn	Pn	12 38 19.9 -2.3
SOMM	Songino Array	18.78	5	P	P	12 39 11.2 +1.4
SOMM	comp=Z,1.3nm,0.3s,baz=190,slow=12,SNR=44					
SOMM	comp=Z,1.01nm,20.3s,baz=235,slow=39					12 47 11.2
SOMM	Songino Array	18.78	5	Pn	Pn	12 39 10.5 +0.8
ULN	Ulanbaatar	18.87	7	P	Pn	12 39 11.7 +0.8
ULN	Ulanbaatar	18.87	7	P	Pn	12 39 11.7 +0.8
ULN	comp=Z,11nm,0.7s			pmax	pmax	
WMQ	Urumqi	19.50	323	eP	Pn	12 39 18.3 -0.1
WMQ	comp=Z,17nm,0.7s			pmax	pmax	
WMQ	comp=Z,66nm,14.5s			LR	LR	
TJN	Taejon	21.07	64	iP	P	12 39 33.8 -0.4
ZAK	Zakamensk	21.22	359	eP	P	12 39 37.6 +1.8
ZAK	comp=Z,17nm,1.1s			pmax	pmax	
KSAR	Wonju Array Be	21.74	61	P	P	12 39 42.4 +1.0
KSAR	Wonju Array Be	21.74	61	P	P	12 39 42.4 +1.0
JOW	Kunigami	21.74	90	P	P	12 39 43.4 +1.9
JOW	comp=Z,1.0nm,0.4s,baz=145,slow=11,SNR=16					
JOW	Kunigami	21.74	90	P	P	12 39 43.4 +1.9
JOW	comp=Z,1.1nm,1.0s			IAMB	IAMB	
KS19	Wonju Array Si	21.74	61	P	P	12 39 41.7 +0.3
KSRS	Korea Array	21.77	61	P	P	12 39 43.1 +1.5
KSRS	comp=Z,7.5nm,0.5s,baz=244,slow=9.9,SNR=46					
KSRS	comp=Z,7.5nm,0.5s					
KNGR	Kungurtug, Tuv	21.96	349	eP	Pn	12 39 46.2 +2.5
KNGR	comp=Z,1.1nm,1.0s			pmax	pmax	
TLY	Talaya	22.52	360	LR	LR	12 49 27.5
TLY	comp=Z,62nm,19.6s,baz=166,slow=39					
MOY	Mondy	22.60	355	eP	P	12 39 53.4 +2.8
MOY	comp=Z,17nm,1.6s			pmax	pmax	
IRK	Irkutsk	23.08	1	eP	P	12 39 56.0 +0.5
IRK	comp=Z,29nm,1.2s			pmax	pmax	
JNU	Nakatsue	23.50	73	P	P	12 40 01.1 +1.2
JNU	comp=Z,6.9nm,0.8s,baz=244,slow=2.1,SNR=4.9					
JNU	Nakatsue	23.50	73	P	P	12 40 01.2 +1.2
JNU	comp=Z,6.9nm,0.8s					12 51 04.2
JNU	Nakatsue	23.50	73	P	P	12 40 01.2 +1.2
JNU	comp=Z,25nm,1.3s			IAMB	IAMB	
HILR	Hailar Array B	23.74	26	P	P	12 40 03.4 +1.2
HILR	comp=Z,6.0nm,0.5s,baz=204,slow=11,SNR=8.4					
MK31	Makanchi Array	24.32	322	iP	P	12 40 07.7 +0.1
MKAR	Makanchi Array	24.32	322	P	P	12 40 07.9 +0.3
MKAR	comp=Z,7.3nm,0.6s,baz=127,slow=12,SNR=60					
MKAR	comp=Z,0.2nm,0.5s,baz=98,slow=2.0,SNR=2.4					
PRZ	Przheval'sk	24.41	310	P	P	12 40 09.0 +0.4
PRZ	Przheval'sk	24.41	310	P	P	12 40 09.0 +0.4
PRZ	comp=Z,7.3nm,0.6s			pmax	pmax	
MAKZ	Makanchi	24.50	322	P	P	12 40 09.0 -0.2
MAKZ	comp=Z,1.8nm,0.9s			IAMB	IAMB	12 40 11.6
MAKZ	Makanchi	24.50	322	P	P	12 40 09.0 -0.2
MAKZ	comp=Z,18nm,0.9s			pmax	pmax	
TARG	Taragay, Kyrgy	24.51	308	P	P	12 40 10.1 +0.3
TARG	Taragay, Kyrgy	24.51	308	P	P	12 40 10.1 +0.3
TARG	comp=Z,11nm,1.3s			pmax	pmax	
BNX	BinXian	24.89	42	iP	P	12 40 14.8 +2.1
BNX	comp=Z,2.1nm,1.0s			pmax	pmax	
KDJ	Kajisay	25.09	308	P	P	12 40 15.5 +0.7
KDJ	Kajisay	25.09	308	P	P	12 40 15.5 +0.7
KDJ	comp=Z,6.0nm,0.8s			pmax	pmax	
WSH	Kashi	25.31	301	P	P	12 40 16.8 0.0
KSH2	comp=Z,12nm,0.9s			pmax	pmax	
NRN	Naryn	25.67	306	P	P	12 40 20.9 +0.7
NRN	Naryn	25.67	306	P	P	12 40 20.9 +0.7
NRN	comp=Z,6.0nm,0.8s			pmax	pmax	
BOOM	Boomsokoye usch	26.08	308	P	P	12 40 24.1 +0.3
BOOM	comp=Z,5.1nm,0.6s			IAMB	IAMB	12 40 26.0
BOOM	Boomsokoye usch	26.08	308	P	P	12 40 24.1 +0.3
BOOM	comp=Z,5.0nm,0.6s			pmax	pmax	
USRK	Ussuriysk Ar.	26.49	49	P	P	12 40 32.7 +0.9
USRK	comp=Z,2.4nm,0.6s,baz=264,slow=13,SNR=3.3					
AAK	Ala-Archa	27.13	308	LR	LR	12 52 18.6
AAK	comp=Z,3.5nm,19.4s,baz=142,slow=39					
AAK	Ala-Archa	27.13	308	P	P	12 40 34.2 +1.0
AAK	Ala-Archa	27.13	308	eP	P	12 40 35.1 +1.9
AAK	comp=Z,2.4nm,0.6s			pmax	pmax	
HEH	HeiHe	27.63	34	eP	P	12 40 42.3 +4.9
HEH	comp=Z,4.0nm,0.8s			pmax	pmax	
HEH	HeiHe	27.63	34	eP	P	12 40 42.3 +4.9
HEH	comp=Z,5.0nm,0.9s			pmax	pmax	
HEH	comp=Z,120nm,13.4s			LR	LR	
HEH	comp=Z,110nm,12.7s			LR	LR	
HEH	comp=Z,150nm,14.7s			LR	LR	
DRK	Karamyk	28.23	300	P	P	12 40 43.9 +0.6
DRK	comp=Z,8.4nm,0.8s			IAMB	IAMB	12 40 50.3
DRK	Karamyk	28.23	300	P	P	12 40 43.9 +0.6
DRK	comp=Z,8.4nm,0.8s			pmax	pmax	
ZAAO	Zalesovo Array	28.38	336	P	P	12 40 44.4 +0.3
ZAAO	comp=Z,8.0nm,0.7s			IAMB	IAMB	12 40 45.5
ZALV	Zalesovo Beam	28.38	336	P	P	12 40 44.8 +0.7
ZALV	comp=Z,8.9nm,0.7s,baz=146,slow=8.6,SNR=32					
ZALV	Zalesovo Beam	28.38	336	P	P	12 40 44.0 -0.1
KURBB	Kurchatov Arra	28.67	325	P	P	12 40 46.6 0.0
KURBB	comp=Z,4.4nm,0.8s,baz=132,slow=9.5,SNR=53					
KURBB	Kurchatov	28.67	325	P	P	12 43 56.7 -0.3
KURBB	comp=Z,1.0nm,0.7s,baz=112,slow=2.0,SNR=7.0			PcP	PcP	
KURBB	comp=Z,4.4nm,0.8s			LR	LR	12 53 35.7
KURK	Kurchatov	28.68	326	P	PcP	12 43 56.7 -0.3
KURK	Kurchatov	28.68	326	iP	P	12 40 46.4 -0.3
KURK	comp=Z,10.0nm,1.3s			pmax	pmax	
BTK	Batken	29.09	301	P	P	12 40 51.1 +0.5
BTK	Batken	29.09	301	P	P	12 40 51.1 +0.5
BTK	comp=Z,4.4nm,0.8s			pmax	pmax	
KLR	Kul'dur	29.27	39	eP	P	12 40 52.0 0.0
KLR	comp=Z,4.4nm,0.8s			pmax	pmax	

2020 MAY

GAR	comp=Z,1.0nm,1.7s	29.28	299	IAMB	IAMB	12 40 54.5
MJAR	Matsushiro Arr	29.73	67	P	P	12 40 57.3 +1.0
MJAR	comp=Z,5.5nm,0.5s,baz=265,slow=10,SNR=4.6					
KK31	Karatay Array	30.06	307	P	P	12 40 59.0 0.0
KK31	comp=Z,4.3nm,0.7s			IAMB	IAMB	12 40 59.9
KK31	Karatay Array	30.06	307	P	P	12 40 59.1 0.0
KK31	comp=Z,4.0nm,0.7s			pmax	pmax	
KKAR	Karatay Array	30.06	307	P	P	12 40 58.9 -0.2
KKAR	Karatay Array	30.06	307	P	P	12 40 58.9 -0.2
BVAR	Borovoye Array	34.18	324	P	P	12 41 34.7 -0.4
BVAR	comp=Z,0.6nm,0.4s,baz=90,slow=4.4,SNR=3.7					
BVAR	Borovoye	34.23	324	eP	P	12 44 11.4 -0.4
BORK	Borovoye	34.23	324	eP	P	12 41 36.9 +1.4
BORK	comp=Z,2.1nm,0.6s,baz=132,slow=4.1,SNR=4.4			pmax	pmax	
YSS	Yuzhno-Sakhal	35.03	49	eP	P	12 41 44.2 +1.7
YSS	comp=Z,9.0nm,2.5s			pmax	pmax	
YSS	comp=Z,10.0nm,1.1s			MLR	MLR	
AB31	Abkul Array	38.80	314	P	P	12 42 14.6 +0.1
AB31	Abkul Array	38.80	314	P	P	12 42 14.6 +0.1
NRK	Nori'sk	41.32	351	P	P	12 42 35.4 +0.2
NRK	comp=Z,1.1nm,0.9s,baz=140,slow=6.4,SNR=9.9					
NRK	Nori'sk	41.32	351	P	P	12 42 36.3 +1.1
NRK	comp=Z,1.1nm,0.9s			IAMB	IAMB	12 42 37.4
NRK	Nori'sk	41.32	351	eP	P	12 42 36.2 +1.0
NRK	comp=Z,1.1nm,0.8s			pmax	pmax	
ARTI	Arti	41.91	324	LR	LR	13 01 00.2
ARTI	comp=Z,13nm,0.9s					
ARTI	Arti	41.91	324	LR	LR	13 01 00.2
ARTI	comp=Z,59nm,18.2s,baz=162,slow=38					
ARTI	Arti	41.91	324	LR	LR	13 01 00.2
ARTI	comp=Z,13nm,0.9s			pmax	pmax	
TIXI	Tiksi	44.73	11	P	P	12 43 02.6 -0.2
TIXI	comp=Z,4.0nm,1.3s			IAMB	IAMB	12 43 03.8
TIXI	Tiksi	44.73	11	P	P	12 43 02.6 -0.2
TIXI	comp=Z,5.6nm,0.8s			IAMB	IAMB	12 43 03.8
TIXI	Tiksi	44.73	11	eP	P	12 43 02.9 +0.2
TIXI	comp=Z,4.0nm,0.6s			pmax	pmax	
MAK	Makhachkala	46.73	303	eP	P	12 43 15.1 -3.9
MAK	comp=Z,2.1nm,0.8s			S	S	12 50 02.3 -5.8
MAK	Makhachkala	46.73	303	eP	P	12 50 02.3 -5.8
MAK	comp=Z,2.1nm,0.8s			eSS	eSS	12 52 28.4 -5.9
KIRV	Kirov	47.19	325	eP	P	12 43 21.9 -0.4
KIRV	Khabaz	50.04	304	P	P	12 43 43.9 -0.6
KIRV	comp=Z,0.8nm,0.6s,baz=70,slow=12,SNR=2.2					
KIRV	Khabaz	50.04	304	P	P	12 43 43.9 -0.6
KIRV	comp=Z,0.8nm,0.6s					
KIV	Kislovodsk	50.18	305	eP	P	12 43 45.6 -0.1
KIV	comp=Z,6.0nm,1.0s			pmax	pmax	
SHA1	Shidzhatmaz	50.21	304	eP	P	12 43 45.8 -0.3
VRH	Novokhoporsky	50.62	314	eP	P	12 43 53.6 +4.8
VRH	comp=Z,9.0nm,0.3s			pmax	pmax	
FITZ	Fitzroy Crossi	51.49	153	P	P	12 43 54.7 -0.8
FITZ	comp=Z,1.6nm,0.6s,baz=343,slow=11,SNR=1.1					
FITZ	Fitzroy Crossi	51.49	153	P	P	12 43 54.7 -0.8

26d 12h

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like D23K, G21K, F22K, etc.

2020 MAY

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like M22K, CAPN, D28M, etc.

1706

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like N30M, HYT, N31M, etc.

Technical notes and metadata including station coordinates, antenna details, and observation parameters. Example: IDC 26 12:43:16.7, 1.9, 21.51Sx172.93E, h0km, mb3.9/7, mblmp3.9/8, MS3.6/32, Error ellipse: s-maj=8.23km...

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like DZM, MSVF, AFI, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like TLY Talaya, PLCA Paso Flores, ANMO Albuquerque, TXAR Lajitas Array, etc.

NEIC 26 13:11:09.6:1.1, 6.49N:0.09:126.87E:0.08, h68km, 8km, mb4.5/16, Error ellipse: s-maj=14.4km s-min=8.4km az=215.0

MAN 26 13:11:10.0:6.12N:126.53E, h67km, MS3.5, IDC 26 13:11:10.3:9.6:4.2N:126.89E, h81km, 35km, mb3.5/9, mbmp3.8/9, Error ellipse: s-maj=64.8km s-min=14.2km az=64.0

ISC 26 13:11:11.6:0.6:16N:0.05:126.38E:0.09, h97km, gkm, n42, c1985/49, mb4.1/15, Mindanao

Main station list for 1707, including DMPP Don Marcelino, DAV Davao City (W), DAV Davao City (W), DAV Davao City (W), etc.

GCG 26 13:12:40.0:1.7, 15.82N:88.87W, h19km, 23km, MD4.2, ML4.0, Presumed earthquake

CATAC 26 13:12:41.1, 16.1N:3.8W:9W, h10km, 3km, M3.6/12, ML3.6/12, confirmed

ISC 26 13:12:38.3:1.6, 15.85N:0.04:88.83W:0.04, h2km, 13km, n25, c093/44, Honduras

Continuation of station list for 1707, including IZABA Izbabal, SARH Santa Rosa de, SARH Santa Rosa de, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like CEVE Universidad Ev, UUES Universidad Ev, PMON Piamonte, etc.

IDC 26 13:12:42.3:44.0, 16.74S:179.84W, h436km, 70km, mb3.8/3, mbtmp4.5/4, Error ellipse: s-maj=847.9km s-min=108.1km az=76.0, Fiji Islands region

MSVF Nonsavu 2.25 244 P 13 13 43.2 0.0

STKA Stephens Creek 38.02 239 P 13 19 21.6 0.0

WRA Warramunga Arr 43.51 259 P 13 20 05.5 -0.4

ASAR Alice Springs 43.80 253 P 13 20 08.2 0.0

IDC 26 13:13:08.6:1.6, 38.41N:21.86E, h0km, mb3.5/5, mbmp3.5/7, ML3.6/2, Error ellipse: s-maj=35.0km

THE 26 13:13:09.5, 38.6N:0.7:21.7E:0.6, h16km, 1km, M3.2/33, ML3.2/33

ATH 26 13:13:09.3, 38.57N:21.68E, h12km, ML3.2/47, Latitude uncertainty: 0 km, Longitude uncertainty: 0 km

ISC 26 13:13:09.8:0.7, 38.37N:0.01:21.70E:0.01, h13km, 5km, n11, c0989/160, mb3.5/4, Greece

Main station list for 2020 MAY, including PVO Paravola, PVO Paravola, ANX Ano Chora, ANX Ano Chora, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like THL Klokotos Trika, THL Klokotos Trika, KYPS Kipseli, Zakin, etc.

IDC 26 13:24:29.6:6.3, 8.67S:159.31E, h0km, mb3.6/3, mbtmp3.6/3, MS3.0/1, Error ellipse: s-maj=407.8km s-min=35.1km az=135.0, Bougainville-Solomon Islands region

Code Station Name Az Az' Op Phase ID Time Res ISC

BRTR Keskin Array B 9.34 79 Pn 13 15 26.3 +2.0

HFS Hfoufou 22.17 349 P 13 18 07.0 +1.7

FINES FINES Array B 23.06 5 P 13 18 15.9 +1.3

TORD Torodi Ar. Bea 30.93 220 P 13 19 27.4 +0.9

ARCES ARCESS Array B 31.09 3 P 13 19 29.5 +2.1

MKAR Makanchi Array 44.30 59 P 13 21 19.1 -0.1

IDC 26 13:24:29.6:6.3, 8.67S:159.31E, h0km, mb3.6/3, mbtmp3.6/3, MS3.0/1, Error ellipse: s-maj=407.8km s-min=35.1km az=135.0, Bougainville-Solomon Islands region

Code Station Name Az Az' Op Phase ID Time Res ISC

WRA Warramunga Arr 26.62 242 P 13 30 10.1 -0.1

ASAR Alice Springs 28.52 235 P 13 30 27.3 +0.1

SUJI Soron 28.98 284 LR 13 42 33.2

ILAR Eielson Array 83.40 20 P 13 36 58.5 0.0

AFAD 26 13:28:03.4, 36.71N:32.17E, h7km, 1km, ML1.92, ISK 26 13:27:54.6, 36.23N:31.32E, h29km, ML1.97, Turkey

Code Station Name Az Az' Op Phase ID Time Res ISC

ALAN Alanya-ANTALYA 0.66 60 P 13 28 04.4 +0.3

KEPZ Antalya-Kepez 0.71 19 Pn 13 28 08.8 +1.9

GAZI Gazipasa 0.80 89 P 13 28 20.5 +1.7

GAZI Gazipasa 0.80 89 P 13 28 21.8 +0.5

GAZI Gazipasa 0.80 89 P 13 28 21.8 +0.0

GAZI Gazipasa 0.80 89 P 13 28 22.0

GAZI Gazipasa 0.80 89 P 13 28 23.0

KORT Korkueli 1.10 315 Pn 13 28 14.5 +0.3

HDMB Hadim 1.19 51 Pn 13 28 15.9 +0.3

SEYD Seydisehir-KON 1.25 19 Pn 13 28 16.8 +0.3

SEDI Konya, Seydiside 1.27 16 Pn 13 28 32.5 +0.3

ERMK Ermenek 1.35 72 S 13 28 31.1 -1.6

ERMK Ermenek 1.35 72 S 13 28 31.1 -1.6

ERMK Ermenek 1.35 72 S 13 28 36.0

TEKE Tekeli-Mersin 1.45 93 Pn 13 28 18.8 +0.1

BEKE Bereket-Mersin 1.54 85 Pn 13 28 20.6 +0.3

KKBE Karaman, Kazim 1.64 52 P 13 28 18.9 -2.7

NEIC 26 13:33:57.5:1.3, 20.7S:0.1:178.3W:0.1, h59km, 8km, mb4.2/16, Error ellipse: s-maj=22.9km s-min=12.3km

IDC 26 13:33:57.3:2.4, 20.44S:178.37W, h59km, 24km, mb3.1/3, mbtmp4.0/4, Error ellipse: s-maj=38.0km s-min=31.7km az=27.0

ISC 26 13:33:56.7:0.9, 20.7S:0.1:178.4W:0.2, h587km, n25, c082/25, mb4.0/10, Fiji Islands region

Code Station Name Az Az' Op Phase ID Time Res ISC

MSVF Nonsavu 4.49 310 P 13 35 25.1 +0.2

MSVF Nonsavu 4.49 310 P 13 35 26.7 +1.7

HABL Hauli 18.72 19 P 13 37 38.6 -0.7

RIZL Rabaul 33.02 296 P 13 39 47.7 -0.4

CTAO Charters Tower 33.15 265 P 13 39 46.6 +0.5

CTAO Charters Tower 33.15 265 P 13 40 10.6

BB00 Bucleboo 42.18 244 P 13 40 59.4 +0.1

WR8 Warramunga Arr 44.10 262 P 13 41 13.2 -0.3

AS31 Alice Springs 44.16 257 P 13 41 14.2 -0.6

ASAR Alice Springs 44.16 257 P 13 41 14.9 +0.1

ASAR Alice Springs 44.16 257 P 13 41 13.9 -0.9

WB0 Warramunga Arr 44.23 263 P 13 41 15.1 -0.3

WB0 Warramunga Arr 44.23 263 P 13 41 15.4

WR8B Warramunga Arr 44.24 262 P 13 41 15.0 -0.4

WRA Warramunga Arr 44.25 262 P 13 41 15.2 -0.3

WRA Warramunga Arr 44.25 262 P 13 41 14.9 -0.6

KNRA Kununurra 50.32 266 P 13 42 01.0 +0.1

KNRA Kununurra 50.32 266 P 13 42 44.1

FITZ Fitzroy Crossi 52.68 263 P 13 42 18.2 +0.3

Table with columns for station call letters, frequency, and other identifiers. Includes stations like AKASG, AKASB, AKABB, etc.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like OBN, MOS, BELG, etc.

Table with columns for station call letters, frequency, and other identifiers. Includes stations like TLY, ZAK, IRK, etc.

26d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Brasilia, Nushagak Hills, Matushiro Arr, etc.

RHSSO 26 13:53:50.2,0.3,44.45N;18.84E,h6km,3km,ML2.6/7
BEO 26 13:53:50.8,0.3,44.53N;18.85E,h15km,3km,ML2.5/10
ISC 26 13:53:48.8,1.3,44.51N;0.03;18.85E;0.03,h6km,10km,
n30,-0587/48,4C-4D,Northern Balkan Peninsula

Main table for 26d 14h section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TEKS, DOB, DIVS, etc.

MOS 26 13:55:52.8,1.1,37.78N;72.85E,h151km,mb4.2/10,Error ellipse: s-maj=8.7km s-min=4.1km az=83.0
NEIC 26 13:55:54.4,2.2,37.80N;0.07;72.9E;0.1,1.148km,km,mb4.4/11,Error ellipse: s-maj=12.6km s-min=9.3km az=124.0

NNC 26 13:55:54.1,18.0,37.94N;72.24E,h154km,292km,mb3.8,mpv4.3,Error ellipse: s-maj=198.4km s-min=113.0km az=2.0
IDC 26 13:55:55.0,4.8,37.94N;72.88E,h138km,33km,mb3.6/9,mbtmp4.1/14,MS3.3/1,Error ellipse: s-maj=41.9km s-min=24.2km az=163.0

SOME 26 13:56:01.9,38.47N;72.53E,h10km
ISC 26 13:55:54.5,0.5,37.82N;0.04;72.81E;0.05,h150km,n139,
t170/157,mb4.1/17,14C-1D,Tajikistan

Main table for 26d 14h section (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DRK, GAR, KSH2, etc.

2020 MAY

Main table for 2020 MAY section with columns: JMU, JMMU, JMU, CHMS, KDJ, etc. Includes station names like Jammu, Kararay Array, Chumysh, etc.

1710

Table for 1710 section with columns: HHC, HHC, HHC, AKAGS, AKAGS, AKAGS, ALN, ALN, ALN, VSU, VSU, KARP, FINES, NJ2, NJ2, ARCES, ARCES, ARCES, ARCES, HFS, HFS, TIXI, TIXI, NB2, NOA, TGJ, SEY, SEY, TOR, TOR, TOR, TOR, ILAR, YKA. Includes station names like comp=2.47nm,4.7s, Hu-ho-hao-te, etc.

NEIC 26 14:00:24.6,1.4,18.0S;0.1x178.0W;0.1,h55km,5km,mb4.5/48,Error ellipse: s-maj=17.7km s-min=12.7km az=128.0

NOU 26 14:00:24.8,18.00S;177.87W,h575km,mb4.4/46,Fiji Islands Region
IDC 26 14:00:25.1,1.4,18.05S;177.96W,h574km,16km,mb3.6/12,mbtmp4.5/14,Error ellipse: s-maj=17.7km s-min=13.1km az=156.0

ISC 26 14:00:24.3,0.5,18.02S;0.008;177.96W;0.07,h558km,n121,t1933/123,mb4.5/38,2D,Fiji Islands region

Main table for 1710 section (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LBKA, LBKA, TAVE, TAVE, DGTI, DGTI, FUTU, FUTU, MSVF, MSVF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like INK Inuvik, JIS Juneau Island, SIT Sitka, DLBC Dease Lake, YKA Yellowknife Arr, etc.

IDC 26 15:27:34.4, 3.0, 4.95S, 140.35E, h0km, mb3.3/1, mbtmp3.0/4, ML3.1/3, Error ellipse: s-maj=134.2km s-min=17.2km az=102.0, Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JAY Jayapura, JAY Jayapura, WRA Warrungarra Arr, etc.

JMA 26 15:35:09.5, 0.4, 2.7' N, 112.126'E, h11km, 4km, MV3.3/19, NW OFF OKINAWAJIMA IS

IDC 26 15:35:14.6, 2.7, 26.88N, 126.54E, h47km, 30km, mb3.5/10, mbtmp3.8/12, ML3.4/2, MS3.3/10, Error ellipse: s-maj=26.4km s-min=14.2km az=47.0

NEIC 26 15:35:16.3, 1.6, 26.88N, 126.62E, 0.05, h59km, 7km, mb4.7/20, Error ellipse: s-maj=10.9km s-min=6.7km

IDC 26 15:35:17.1, 1.0, 26.82N, 126.48E, 0.06, h46km, 10km, mb3.1/8, 186B/63, mb4.2/20, MS3.4/7, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JKE Kume jima 2, JKE Kume jima 2, JAGN Aguni-jima, etc.

JMA 26 15:44:06.2, 0.3, 2.6' N, 107.912'E, h17km, 4km, MV3.3/12, NW OFF OKINAWAJIMA IS

IDC 26 15:44:08.3, 1.6, 27.21N, 126.18E, h0km, mb3.7/6, mbtmp3.7/7, ML2.1/1, Error ellipse: s-maj=39.1km s-min=27.4km az=68.0

IDC 26 15:44:08.3, 1.8, 26.73N, 126.08E, 0.07, h25km, 15km, n19, 0492/24, mb3.7/6, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JKE Kume jima 2, JKE Kume jima 2, JAGN Aguni-jima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MA2 Magadan, MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

JMA 26 15:36:21.0, 1.0, 2.6' N, 107.912'E, h20km, MV3.5/19, NW OFF OKINAWAJIMA IS

IDC 26 15:36:23.7, 2.6, 83N, 126.44E, h55km, 38km, mb3.5/8, mbtmp3.7/9, ML2.8/1, Error ellipse: s-maj=34.4km s-min=18.6km az=43.0

IDC 26 15:36:23.9, 1.8, 26.71N, 126.126'E, 0.08, h27km, 13km, n25, 1842/30, mb7.7/6, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JKE Kume jima 2, JKE Kume jima 2, JAGN Aguni-jima, etc.

JMA 26 15:59:37.5, 2.3, 32.24N, 84.82E, h0km, mb3.3/4, mbtmp3.4/7, ML3.3/3, Error ellipse: s-maj=74.9km s-min=21.3km az=72.0

IDC 26 15:59:42.4, 2.1, 32.32N, 84.84E, 0.4, h35km, n7, 0481/7, mb3.3/4, Xizang

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

IDC 26 16:34:28.9, 1.4, 30.68S, 178.08W, h0km, mb3.8/4, mbtmp3.8/5, ML3.3/1, Error ellipse: s-maj=36.0km s-min=21.8km az=103.0

NEIC 26 16:34:34.8, 0.2, 30.54S, 178.08W, 0.2, h44km, 4km, mb4.4/8, Error ellipse: s-maj=29.0km s-min=10.2km az=100.0

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

IDC 26 16:34:33.6, 1.2, 30.65S, 177.9W, 0.2, h46km, n19, 1945/22, mb4.1/7, Kermadec Islands

IDC 26 16:34:33.6, 1.2, 30.65S, 177.9W, 0.2, h46km, n19, 1945/22, mb4.1/7, Kermadec Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KLR Kuldur, SONM Songoing Array, MKAR Makanchi Array, etc.

IDC 26 15:52:36.4, 1.3, 11.75N, 125.80E, h0km, mb3.6/8, mbtmp3.6/8, MS3.2/9, Error ellipse: s-maj=69.0km s-min=19.6km az=66.0

MAN 26 15:52:39.0, 1.1, 28N, 124.56E, h9km, MS3.9

ISC 26 15:52:39.6, 1.2, 11.30N, 124.54E, 0.04, h11km, 8km, n29, 1933/30, mb3.6/8, MS3.2/6, Leyte

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

IDC 26 15:59:37.5, 2.3, 32.24N, 84.82E, h0km, mb3.3/4, mbtmp3.4/7, ML3.3/3, Error ellipse: s-maj=74.9km s-min=21.3km az=72.0

IDC 26 15:59:42.4, 2.1, 32.32N, 84.84E, 0.4, h35km, n7, 0481/7, mb3.3/4, Xizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, ASAR Alice Springs, SONM Songoing Array, etc.

IDC 26 15:59:37.5, 2.3, 32.24N, 84.82E, h0km, mb3.3/4, mbtmp3.4/7, ML3.3/3, Error ellipse: s-maj=74.9km s-min=21.3km az=72.0

IDC 26 15:59:42.4, 2.1, 32.32N, 84.84E, 0.4, h35km, n7, 0481/7, mb3.3/4, Xizang

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

IDC 26 16:34:28.9, 1.4, 30.68S, 178.08W, h0km, mb3.8/4, mbtmp3.8/5, ML3.3/1, Error ellipse: s-maj=36.0km s-min=21.8km az=103.0

NEIC 26 16:34:34.8, 0.2, 30.54S, 178.08W, 0.2, h44km, 4km, mb4.4/8, Error ellipse: s-maj=29.0km s-min=10.2km az=100.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AS31 Alice Springs, ASAR Alice Springs, WRA Warrungarra Arr, etc.

26d 17h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res ISC. Includes stations like WRA Warrungarra Arr, WRA Warrungarra Arr, WBO Warrungarra Arr, QSPA South Pole Qui, QSPA South Pole Qui, FINES FINESS Array B.

IDC 26 16:36:58.6:1.6, 78.753N:10.69E, h0km, mb3.5/5, mbtmp3.5/7, ML2.9/2, Error ellipse: s-maj=22.6km s-min=12.4km az=2.0

KOLA 26 16:37:00.4, 78.711N:11.38E, h0km, ML3.0, Error ellipse: s-maj=4.0km s-min=1.4km az=80.0

Spitsbergen, Greenland sea

NAO 26 16:37:02.5:0.9, 78.761N:11.67E, h22km, 10km, MLE3.0

FCIAR 26 16:37:02.0, 78.811N:11.93E, h10km, station OMEGA has station magnitude of 3.40

ISC 26 16:37:01.0:2.8, 78.727N:10.03:11.59E, h0km, h17km, 20km, n38, e15/57, mb3.4/4, Svalbard region

Main table on the left side containing station data for various regions including Kingsbay, Spitsbergen, Hørnsund, and South Sandwich Islands.

2020 MAY

Main table in the center containing station data for various regions including Juntas del Tor, Mawson, IOPC Station P, Vanda, Humbertstone, Chumzista, IOPC Station P, Pisagua, La Paz, Boa Vista, Torodi Ar, Be, Torodi Ar, Be, Santo Domingo, Montecristo, Alice Springs, Yellowknife Ar, Haines Junction, Alishik Lake, Mount Kennedy, Pinto, Yukon, Peil River, Talbot Arm, Gataah River, Hart River, Some Creek, Inuvik, L29M, Barlow Dome, Mount Dempster, Aoh Nraii Njii, Eagle Plains, Whitestone, Pine Creek, G29M, E29M, Miner Creek, Beaver Creek, Old Crow, Kandik River, Steamboat Moun, Doyon Strip, Sand Creek, Malcolm River, Coleman River, Independent Ri, Paxson, Porcupine Rive, Sheenjek River, Jago River, Susitna Watana, Gielso Array, Christian River, Carlen Bay, Arctic Village, Kavik River, Hadweznic Riv, Noodor Dome, Petersville, Matiney, Squaw Lake, You Creek, Thorafore Moun, Petersville, Yukon River, Sogingo Array, Skwentna, Chandalar, Bananza Creek, Toolik Lake Re, Matiney, Purkypille, Kettle Rocks, Itkillik River, Bettles, Anaktuvuk Pass, John River.

1714

Main table on the right side containing station data for various regions including Killik River, IDC 26 16:58:40.9:2.3, 9.27S:156.51E, h0km, mb3.4/4, IDC 26 17:00:58.6:1.2, 67.01N:21.27E, h0km, mbtmp2.8/3, IDC 26 17:13:56.8:0.9, 9.43S:156.05E, h0km, mb4.0/9, NEIC 26 17:13:59.0:1.3, 9.47S:0.08x:155.95E:0.10, h10km, 1km, mb4.6/39, Error ellipse: s-maj=16.9km s-min=13.5km az=60.0, IDC 26 17:14:02.0:0.5, 9.51S:0.08x:155.95E:0.08, h35km, n67, e074/57, mb4.5/23, MS3.4/3, D'Entrecasteaux Islands region.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, D23K Nanushuk River, C26K Porcupine River, etc.

IDC 26 17:17:57.2, 0.8, 25.93N, 44.95W, h0km, mb3.9/20, mbtmp3.9/20, MS3.4/25, Error ellipse: s-maj=25.8km s-min=16.4km az=172.0

NEIC 26 17:17:58.9, 1.9, 25.9N, 0.1x45.1W, 0.1, h10km, 1km, mb4.5/35, Error ellipse: s-maj=21.2km s-min=18.0km az=146.0

ISC 26 17:17:58.5, 0.7, 25.9N, 0.1x45.04W, 0.09, h12km, n82, e0583/61, mb4.2/33, MS3.4/25, Northern Mid-Atlantic Ridge

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations including San Juan, Montagnes des, Santo Domingo, Flat Rock, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BUR08 Bucovina Array, SFLS SIERRA LA LAGU, MLR Muntele Rosu, etc.

IDC 26 17:22:27.6, 4.1, 13.75N, 123.50E, h0km, mb3.1/3, mbtmp3.1/3, Error ellipse: s-maj=361.0km s-min=30.3km az=63.0

MAN 26 17:23:46.0, 5.89N, 126.68E, h26km, MS3.1, ISC 26 17:23:46.7, 1.5, 5.65N, 126.6E, 0.1, h35km, n6, e250/9, Mindanao

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

KRNET 26 17:39:00.2, 0.1, 42.96N, 79.53E, h27km, mb2.6, SOME 26 17:39:00.9, 43.02N, 79.35E, h5km, NNC 26 17:39:01.1, 0.7, 43.00N, 79.38E, h0km, mb2.9, mpv2.9, Error ellipse: s-maj=5.1km s-min=2.3km az=147.0

ISC 26 17:39:03.4, 1.0, 43.07N, 0.04, 79.32E, 0.04, h27km, 6km, n90, e151/60, 12C-3D, Lake Issyk-Kul region

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations including Shalkode, Shals, Uzb, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KNOS, DJR Jarkent, DJR Jarkent, etc.

NEIC 26 17:48:00.6, 1.6, 19.38N, 0.07, 68.14W, 0.02, h10km, 2km, ML2.9/33, MD3.5/9(RSPR), Error ellipse: s-maj=12.1km s-min=3.0km az=16.0

RSPR 26 17:48:04.8, 19.48N, 68.09W, h33km, 2.4km, MD3.5/9, OSPL 26 17:48:04.8, 1.2, 19.20N, 68.15W, h0km, 12km, ML3.0, Presumed earthquake

SDD 26 17:48:05.2, 2.0, 19.20N, 68.12W, h12km, 1.9km, MD3.2, ML2.6, MW2.8, Presumed earthquake Hypocentre not reviewed by the ISC

ISC 26 17:47:59.4, 1.9, 19.40N, 0.08, 68.14W, 0.03, h7km, 12km, n33, e086/51, 6C-40, North Atlantic Ocean

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations including Punta Cana, Punta Cana, Higuey Centro, etc.

26d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Esperanza - Ma, Cerrillos, Obispo Ponce, Experimental S, BANI, PDRP, SC01, HUMP, CUPR, SDDR, SDDR, SDDR, MAGL.

IDC 26 18:02:01.2.0.7.5.26N.73.61W, h151km, 4km, mb3.4/8, mbmp3.8/9, MS3.4/3, Error ellipse: s-maj=19.0km

CATAC 26 18:02:01.7.0.6.5.13N.7.47W, h159km, 5km, M4.0/11, mb3.8/1, MLV4.0/11, Error ellipse: s-maj=10.1km

RSNC 26 18:02:02.8.0.0.5.1N.17.47W, h147km, 2km, M3.8, mb4.1, ML3.3

FUNV 26 18:02:10.7.6.01N.73.88W, h81km, MW3.8, Presumed earthquake

IDC 26 18:02:01.5.0.7.5.30N.03.73.70W, 0.03, h156km, 5km, n67, r1564/105, mb3.5/8, 3C-1D, Colombia

Main table of station data for the 26d 18h period, listing station names, coordinates, and seismic parameters.

2020 MAY

Table of seismic events for May 2020, including stations like CPUP, TXAR, SADO, LPIG, RPN, ULM, PDAR, YKA, ILAR, ARCES, ASAR, WRA.

IDC 26 18:10:54.0.0.9.6.68N.124.92E, h0km, mb3.7/6, mbmp3.8/8, ML4.0/2, MS3.1/7, Error ellipse: s-maj=17.9km

NEIC 26 18:10:56.4.2.3.6.60N.0.07.125.10E, 0.07, h10km, 1km, mb4.3/19, Error ellipse: s-maj=15.2km s-min=6.1km

DJA 26 18:10:57.9.0.7.7.7N.6.12.5E, h58km, 8km, M4.5/13, mb5.0/8, mb4.8/10, MLV4.6/13, Mw(MB)4.4/8

MAN 26 18:10:58.0.6.56N.125.20E, h19km, MS4.0, ISC 26 18:10:56.2.1.3.6.65N.0.03.125.15E, 0.03, h13km, 9km, n63, r162/70, mb4.1/14, MS3.0/7, Mindanao

Table of station data for the 2020 MAY period, listing station names, coordinates, and seismic parameters.

KAPI Kappang 12.78 205 Pn Pn 18 13 55.7 -2.1

BATI Baunata 16.81 185 Pn Pn 18 14 51.9 +0.4

MTN Manton Dam 20.25 163 P Iamb Iamb 18 15 32.4 +0.9

JOW Kunigami 20.29 8 LR LR 18 22 49.5

PMBI Palembang 22.46 246 P P 18 15 55.7 +0.3

KNRA Kununurra 22.47 171 P Iamb Iamb 18 15 55.5 +0.1

FITZ Fitzroy Crossi 24.59 179 P LR LR 18 16 15.3 -1.0

WBU Warrungarra Arr 27.79 161 P P 18 16 44.2 -0.9

WRA Warrungarra Arr 27.79 161 P P 18 16 44.3 -2.1

WRS Warrungarra Arr 27.93 161 P Iamb Iamb 18 16 45.8 -1.2

WKB Warrungarra Arr 27.93 161 P Iamb Iamb 18 16 46.3

WRA Warrungarra Arr 27.93 161 P P 18 16 44.3 -2.1

WRS Warrungarra Arr 27.93 161 P Iamb Iamb 18 16 45.8 -1.2

WKB Warrungarra Arr 27.93 161 P Iamb Iamb 18 16 46.3

WRA Warrungarra Arr 27.93 161 P P 18 16 44.3 -2.1

WRS Warrungarra Arr 27.93 161 P Iamb Iamb 18 16 45.8 -1.2

WKB Warrungarra Arr 27.93 161 P Iamb Iamb 18 16 46.3

WRA Warrungarra Arr 27.93 161 P P 18 16 44.3 -2.1

1716

Table of station data for the 1716 period, listing station names, coordinates, and seismic parameters.

IDC 26 18:21:12.4.4.6.35.77N.140.67E, h67km, 34km, mb2.8/3, mbmp3.1/5, ML2.4/2, Error ellipse: s-maj=51.6km

JMA 26 18:21:12.5.0.2.35.9N.0.5.140.6E, 0.7, h47km, 1km, MV2.2/32, SOUTHERN IBARAKI PREF

ISC 26 18:21:11.1.1.1.3.35.83N.0.06.140.0E, 0.1, h57km, 10km, n12, r0581/14, mb3.1/3, Near east coast of eastern

Table of station data for the 1716 period, listing station names, coordinates, and seismic parameters.

IDC 26 18:21:39.0.403.0.52.86N.32.92E, h0km, Error ellipse: s-maj=159.6km s-min=94.4km az=24.0, Baltic States-Belarus-Northwestern Russia

Table of station data for the 1716 period, listing station names, coordinates, and seismic parameters.

IDC 26 18:25:24.0.2.0.7.52.87N.168.81W, h0km, mb3.8/18, mbmp3.8/20, ML3.7/2, MS3.2/10, Error ellipse: s-maj=23.4km s-min=12.5km az=165.0

AEIC 26 18:25:31.0.2.6.52.78N.0.06.168.82W, 0.09, h39km, 6km, Error ellipse: s-maj=10.3km s-min=5.5km az=141.0

NEIC 26 18:25:31.0.2.5.52.77N.0.07.168.77W, 0.09, h47km, 6km, mb3.9/45, ML4.3/14, ML3.9(AEIC), Error ellipse: s-maj=10.0km s-min=6.0km az=149.0

ISC 26 18:25:31.0.1.1.52.74N.0.10.168.81W, 0.05, h53km, 9km, n155, r1930/152, mb3.9/23, MS3.2/8, Fox Islands

Main table of station data for the 1716 period, listing station names, coordinates, and seismic parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHGN Chignik, CEPE Semis' Perret, AMKA Amchitka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM comp=Z,1.8nm,1.5s, TX31 Lajitas Ar. Si, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MTRV Mutnovka, MTRV Gorelyy, ASAK Asacha, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like CCHEN, Universidad Ad, MT03, etc.

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

Table with columns: Code, Station Name, Az, El, Phase, ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like AFI, MKAR, NRKI, etc.

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

Table with columns: Code, Station Name, Az, El, Phase, ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like JARAX, SWSC, RMX, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like SJX, OLP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PLM Palomar, DNR Dunn Ranch, Anz, SDMC San Diego Miss, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IRM Iron Mountain, GLT Goat Mountain, ELS Elsinore Mount, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ELS, 113A Mohawk Valley, SVD Seven Oaks Dam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include DANC Danby, Needles, BFSC Mount Baldy Ra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include BFSC, PIX Pinacate, MWC Mount Wilson, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PASC Pasadena Art C, Y14A Wickendburg, GSC Goldstone, Bar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include MTPC Mountain Pass, W13A Hualapai Mount, TPO Tropical Hills, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include OSI Osito Audit: C, CCCA Chr Cany Luke, V12A Nelson, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include LRMC Laurel Mtn Rd, QSM Queen of Sheba, CLC China Lake, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include GUY Greenwater Val, MFMC Prospect, ISA Isabella Lake, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SHPR Shepp Range, FURC Furnace Creek, X16A Lo Mia Camp, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include VES Vestal, Richgr, TUC Tucson, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include U15A North Rim, KMT Little Creek M, KNB Kanab, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include 121A Cookes Peak, D, NEIC 26 19:54:15.7±1.8, 7.67S, 127.57E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IDC 26 19:54:16.1±1.5, 7.63S, 127.52E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IDC 26 19:54:15.0±0.7, 7.73S, 127.60E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SAUI Saumlaki, SOEI Soe, SDCI Baumata, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include BATI, MTN Mantion Dam, FAKI Fak Fak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SIJI, KUNUR Kununurra, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include FITZ, WBO Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include WRA, WRB Warramunga Arr, AS31 Alice Springs, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include DJA 26 20:35:15.0±0.2, 0°N, 3°12'4E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include LUWI Luwuk, APSI Ampana, SANI Sanana, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include TANTI Ternate, NLSI Sangihe, NGLI Namlie, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include MWPI Manokwari, Pap, NNC 26 20:35:15.0±1.4, 44.73N, 78.90E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SOME 26 20:35:16.4, 44.73N, 78.92E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KNOS Konyrien, TDK Taldygorghan, TDK, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KAPS Kapalaransa, KAPS, BLB Baldybastay, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include BLB, WARR Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include DJR Jarkent, DJR, KPKS Kokepek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PDGK Podgomovo, UZB Uzynbulak, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SHLS Shalkode, SHLS, SHLS, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IDC 26 20:44:53.0±1.1, 34.14N, 25.71E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ATH 26 20:45:00.7, 34.47N, 25.65E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include AFAD 26 20:45:08.6, 34.96N, 26.13E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IDC 26 20:44:57.3±1.5, 34.27N, 25.84E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ZKR Zakros, ZKR, ZKR, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ZALV Zalesovo Beam, SCHO Schefvevia, YKA Yellowknife Ar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IDC 26 21:06:47.4±1.5, 32.26N, 59.63E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include TEH 26 21:06:48.2±3.2, 34N, 59.73E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ISC 26 21:06:49.2±0.8, 32.34N, 59.71E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IDAH Dahanechah, IKOO Kooshah, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SAGH Gashagan-Bir, BSRN Basiran, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IHTG Tejag, NTEB Nhebandan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include AFZR Afriz, SHRT Shrahkratt, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KRMT Kerman Provinc, ZHFS Zahedan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include CHMN Cheshme madani, KBAM BAM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IBAF Bafgh, NGRK Negar Kerman, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IAKL Akhmad, TAFT Taft-Yazd, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include BVAR Borovoye Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KURBB Kurchatov Arra, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include TORO Torodi Ar. Bea, IDC 26 21:45:05.0±1.3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IDC 26 21:45:08.0±1.5, 14.61N, 54.1E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include GZB Garni, KNI Khabaz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include BRTR Keskin Array B, AKTO Aktyubinsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include MKAR Makanchi Array, BVAR Borovoye Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KURBB Kurchatov Arra, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include FINES FINESS Array B, HFS Hagfors, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SONM Songino Array, NOA NORAS Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include NOA, ESDC Soneasa Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ARCES ARCESS Array B, NRK Noril'sk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include H01W3 Cape Leeuwin H, H01W2 Cape Leeuwin H, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include H01W1 Cape Leeuwin H, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ASAR Alice Springs, IDC 26 21:54:18.2±2.4, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include JSMT Sammumatsuo, JSMT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include JYT Hitasato, JYO Hitachi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include BS04 Boso 4, BS03 Boso 3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include BS01 Boso 1, MJAR Matsuhiro Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include H11N2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include H11N3 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for NNC 26:22:42.9, 18.0, 37.16N, 70.68E, h0km, mb3.5, mpv3.3, 4C-1D, Error ellipse: s-maj=168.4km s-min=99.6km, az=160.0, Afghanistan-Tajikistan border region.

ATH 26:22:10:54.1, 34.00N, 25.68E, h8km, 2km, ML2.8/4, Latitude uncertainty: 21 km; Longitude uncertainty: 13 km. ISK 26:22:10:58.9, 34.33N, 25.63E, h13km, ML2.7/12. THE 26:22:10:58.3, 34.34N, 25.62E, h1.1, h0km, 30km, M2.6/6, MLh2.6/6. Gll 26:22:11:01.7, 0.0, 33.466N, 0.003, 25.856E, 0.001, h0km, Mws3.5, confirmed. ISC 26:22:10:53.4, 2.0, 33.99N, 0.007, 25.54E, 0.06, h4km, 12km, n38, c23/57, Eastern Mediterranean Sea.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for ZKR Zakros, IDI Anoyia, GVD Gavdhos, IMMV Iera Moni Meta, KNDR Palaiochora Ch, KARP Karpathos, KARP Karpathos, THERA Ancient Thera, DAT Datica, VELAI Velai, TURN Turunc, MLSB Milas, DALY Dalyan (Mula), YER Yerkesik, AKAS Kas, CAME Camel-Denizli, CSS Mathiatis, KZIT Kziot, AMAZ Amatzia, MNCZ Mount Meron ar, SALP Salfit, YATR Yattr, HMDT Nahal Hemdat, DSI Dead Sea, MSBI Masbia, PRNI Paran, ZFRI Zfri, HRFI Mount Harif, EIL Elat.

REN 26:22:14:30.3, 1.1, 38.17N, 0.01, 117.819W, 0.009, h8km, 2km, Error ellipse: s-maj=1.7km s-min=1.0km, az=197.0.

NEIC 26:22:14:30.1, 1.1, 38.18N, 0.01, 117.80W, 0.01, h5km, 2km, ML3.3/104, ML3.6/12(REN), Error ellipse: s-maj=1.7km s-min=1.3km az=207.0, Nevada.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for NV11 Mina Array Sit, NV06 Mina Array Sit, NV07 Mina Array Sit, NV03 Mina Array Sit, NV08 Mina Array Sit, NV04 Mina Array Sit, NV01 Mina Array Sit, NV05 Mina Array Sit, TPH Tonopah, TVH1 TV Hill, Hawth, Q09A Carvers, DSP Deep Springs, KVN Kaiserville, LCH Last Change Ra, GMM Gold Mountain, MLAC Mammoth, MCBM Casa Benchmark, MDMY Dry Creek, MDPB Devils Postpil, MDPB Devils Postpil, TIN Tinemaha, Big, GRAC Grapevine Rang.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for WAKR Walker, KCC Kaiser Creek, WCT Wildcat Mounta, PNTR Pine Nut, S11A Rachel, TPNV Topopah Spring, FUR0 Furnace Creek, SDH Stripes Hills, PAHR Pah Rah Range, CMB Columbia Colle, MPK Martis Peak, AMND Amarapura, MPMC Manual Process, GWY Greenwater Val, PEAR Peavine Mountain, DONR Donner Summit, PRN Pahroc Range, QSM Queen of Sheba, CLC China Lake, ISA Islet Lake, AFDM Forest Hills D, BEKR Beckworth, CCCA Chr Cany lake, SHRP Sheep Range, ORV Oroville, ELK Elko, SUTB Sutter Butte, HULI Fort Hunter Li, CCUT Cedar City, CVCS Carmenite Mines, MNRCL McLaughlin 2.6in, MNRCL McLaughlin 3.0in, O03E Paynes Creek, LCMT Little Creek M, HATC Hat Creek Radi, KNB Kanab, DUG Dugway, Tooele, W13A Hualapai Mount, PKCU Pook Cliffs, MTPU Mount Pierson, IRM Iron Mountain, BCU Big Grassy Mow, PFO Pinyon Flats O, K05A Summer Lake, BLYC Blythe, HVU Hansel Valley, GLA Glamis, CGU Carpenter Ridg, PV19 Morning Glory, PV16 Nyswonger Mesa, PV04 Paradox Valley, PV03 Paradox Valley.

NEIC 26:22:28:39.1, 1.1, 5.4S, 0.1, 153.9E, 0.1, h52km, 4km, mb3.9, Error ellipse: s-maj=17.5km s-min=13.5km, az=122.0.

IDC 26:22:39:7.7, 8.5, 39S, 153.80E, h61km, 67km, mb3.6/8, mbmp3.9/8, MS2.3/2, Error ellipse: s-maj=39.8km s-min=24.3km az=55.0.

ISC 26:22:38:5.0, 8.5, 44AS, 0.09, 153.8E, 0.1, h50km, n27, c0574/24, mb4.1/11, New Ireland region.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for RABL Rabaul, KRVT Keravat, PMG Port Moresby, PMS Port Moresby, PZTS Pohnppei, DZM Port Dzum, WB0 Warramunga Arr, WR8 Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, FITZ Fitzroy Crossi, CMAR Chiang Mai Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for MKAR Makanchi Array, MAKZ Makanchi, ZALV Zalesovo Beam, ILAR Eielson Array, KDJ Kajisay, FYU Fort Yukon, QSPA South Pole Qui, QSPA South Pole Qui, BOOM Boomsokoye Uts, KURK Kurchatov, KURB Kurchatov Arr, TORD Torodi Arr, JMA 26:22:37:0.4, 3.0, 3.33N, 138.44E, h344km, MV3.3/38, FAR S OFF TOKAI DISTRICT, IDC 26:22:37:0.2, 0.7, 3.329N, 138.44E, h338km, 8km, mb3.0/10, mbmp3.6/13, Error ellipse: s-maj=22.6km s-min=17.5km.

ISC 26:22:37:0.2, 0.9, 3.329N, 138.44E, 0.1, h350km, n22, c218/24, mb3.1/10, Southeast of Honshu.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for JHJ Hachijo jima 2, JHJ Kutdur, JMKN Mikurajimanish, TT02 TONANKAI O.B.S, JIE Ise, IK2 Mikikihoku, JNY Yasuko, JAO Obara, BS04 Bosu 4, BS04 Bosu 2, JTNC Tanabenaakech, MJAR Matsushiro Arr, KSRS Korea Array, KLR Kutdur, PETK Petropavlovsk, SONM Songoing Array, CMAR Chiang Mai Arr, MKAR Makanchi Array, KURB Kurchatov Arr, BVAR Borovoye Array, WRA Warramunga Arr, FINES Finnes Array B, HFS Hagfors, NOA NORPAR Array B, PGC 26:22:37:59.6, 52.24N, 115.18W, h1km, ML3.8/8, 22km southwest of Rocky Mountain House, Alberta Alberta, Canada, Alberta.

Canada, Alberta

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for SWHA Sweathouse Loo, SWHSA, HSPGA Hill Springs, STPRA Sall Prairie L, STPRA, PNT Penticon, PNT White Mountain, BMTM Bassoo Peak, BSMT, YBMT Yellow Bay, LLLB Lillooet, LLLB, JTMT Jette, B08A Colville Reser, PV0A Chrisman Ranch, CO9A, HOPB Hope, NBC7 Fort St John, WSLR Whistler, WGLF, OVMT Ovando, A05A Maple Falls, BMTB Bullhead Mount, NBC8 Simpson Ranch, NBC8, SHB Sechelt, LTY Liberty, LTY, SNB Saturna Island, TX0B Texada, NBC5 NorthernBC 5, MGRB Mount Grey, NBC6 NorthernBC 6, FNSB Fort Nelson, FFC Flin Flon, NBC1 NorthernBC 1, KOTAN Kotaneelee Air, YKAW1 Yellowknife Wh, YKAW1, YKAW2 Yellowknife Wh, YKAW3.

IDC 26:22:47:17.9, 2.5, 12.14N, 121.33E, h0km, mb3.3/3, mbmp3.3/3, Error ellipse: s-maj=249.9km s-min=29.6km az=62.0, Mindoro.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for TGY Tagaytay City, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

26d 22h

2020 MAY

1724

HARP	HAARP	87.37	20	P	I	23 05 00.9 +1.2
E18K	Tukpahleark C	87.37	12	IAMS_20	IAMS_20	23 39 11.6
E18K	Tukpahleark C	87.37	12	P	I	23 05 01.6 +2.1
MCARA	McCCarthy VSAT	87.37	21	P	P	23 05 01.5 +1.8
BAR	Barrett	87.39	55	IAMS_20	IAMS_20	23 35 51.4
F19K	Shaluerukik Mo	87.44	13	IAMS_20	IAMS_20	23 43 12.5
F19K	Shaluerukik Mo	87.44	13	P	I	23 05 01.4 +1.5
COBR	COOCHEBEAR	87.45	298	eP	I	23 04 56.2 -4.7
I21K	Tanana	87.46	16	IAMS_20	IAMS_20	23 38 57.9
I21K	Tanana	87.46	16	P	I	23 05 01.7 +1.7
BEKR	Beckworth	87.49	47	Iamb	Iamb	23 05 04.0
MDPB	Devils Postpil	87.49	49	Iamb	Iamb	23 05 04.9
PIMM	Pinnacle	87.51	23	P	P	23 05 01.7 +1.3
SIT	Sitka	87.60	27	P	P	23 05 02.3 +1.4
H21K	Melozitna Rive	87.63	15	P	P	23 05 02.2 +1.4
CRAG	Craig	87.67	29	P	P	23 05 02.6 +1.4
MLY	Manley	87.67	16	IAMS_20	IAMS_20	23 41 07.5
PAX	Paxson	87.68	19	P	P	23 05 02.8 +1.5
J04A	Umpqua Nationa	87.73	43	P	I	23 05 02.7 +0.6
ZAK	Zakamensk	87.76	325	eP	pmax	23 05 01.3 -0.6
S31K	Pelican	87.76	26	P	P	23 05 03.2 +1.7
NEA2	Nenana	87.80	17	P	P	23 05 03.5 +1.8
BORC	Borrego Spring	87.81	54	Iamb	Iamb	23 05 05.8
C17K	Delong Mountai	87.83	10	P	P	23 05 03.6 +1.9
CLC	China Lake	87.87	52	Iamb	Iamb	23 05 06.2
PFO	Pinyon Flats O	87.90	54	LR	LR	23 36 18.6
O28M	Mount Upton	87.98	23	P	P	23 05 04.1 +1.2
U33K	Whale Pass	88.04	29	P	P	23 05 04.3 +1.4
ELIB	Princess Elisa	88.04	190	dP	P	23 05 02.2 -0.9
MPMC	Manual Prospec	88.05	51	Iamb	Iamb	23 05 12.8
F20K	Avaraat Lake	88.07	13	P	P	23 05 04.8 +2.0
E19K	Redstone River	88.08	13	P	P	23 05 04.4 +1.4
M26K	Nabesna, AK	88.09	21	P	P	23 05 04.8 +1.7
I23K	Minto, Yukon-K	88.14	17	P	P	23 05 04.8 +1.5
G21K	Allakaket	88.15	15	IAMS_20	IAMS_20	23 41 24.2
G21K	Allakaket	88.15	15	P	P	23 05 05.0 +1.7
LHV	Little Huntoon	88.15	49	P	P	23 05 03.1 -0.8
IRK	Irkutsk	88.17	327	eP	pmax	23 05 03.7 0.0
S32K	Killsnoo	88.18	27	P	P	23 05 05.3 +1.7
H22K	Ishitalitna Cre	88.18	16	P	P	23 05 05.1 +1.6
P29M	Windy Craggy	88.18	24	IAMS_20	IAMS_20	23 46 17.5
P29M	Windy Craggy	88.18	24	P	P	23 05 04.9 +1.3
K24K	Donnelly Dome	88.18	19	P	P	23 05 05.4 +1.8
DSP	Deep Springs	88.19	50	P	I	23 05 03.3 -0.9
TLY	Talaya	88.22	326	P	P	23 05 03.4 -0.5
TLY	Talaya	88.22	326	eP	LR	23 42 25.0
TLY	Talaya	88.22	326	eP	pmax	23 05 04.5 +0.6
TLY	Talaya	88.22	326	eP	pmax	23 05 04.8 +0.8
GSC	Goldstone, Bar	88.27	52	Iamb	Iamb	23 05 08.8
HDA	Harding Lake	88.27	18	P	P	23 05 05.4 +1.4
WIFE	Three Sisters-	88.28	43	Iamb	Iamb	23 05 06.5
O29M	Mount Kennedy	88.28	24	IAMS_20	IAMS_20	23 47 05.3
O29M	Mount Kennedy	88.28	24	P	P	23 05 05.8 +1.6
V35K	Ketchikan	88.30	30	P	P	23 05 04.4 +0.2
H04A	Detroit Lake	88.31	42	P	I	23 05 04.6 0.0
J05D	Fort Rock, OR	88.33	44	Iamb	Iamb	23 05 08.9
C18K	Utukok River	88.33	11	P	P	23 05 04.9 +0.7
COLA	College	88.36	177	eP	pmax	23 05 03.5 -0.8
COLA	College	88.36	177	eP	pmax	23 05 05.1 +0.8
NVAR	Mina Array Bea	88.37	49	P	P	23 05 05.3 0.0
NVAR	Mina Array Bea	88.37	49	P	P	23 05 04.8 -0.5
BBB	Bella Bella	88.39	34	LR	LR	23 36 53.0
L26K	Log Cabin Wild	88.40	20	P	P	23 05 04.9 +0.3
RIDG	Independent Ri	88.43	19	P	P	23 05 05.4 +0.7
M27K	Edge Creek, AK	88.44	21	P	P	23 05 05.5 +0.6
YUK8	Steele Glacier	88.47	23	P	P	23 05 05.4 +0.2
QSM	Queen of Sheba	88.47	52	Iamb	Iamb	23 05 09.2
YUK3	Moose Creek	88.54	22	P	P	23 05 06.0 +0.5
ILAR	Eielson Array	88.56	18	P	P	23 05 02.5 -2.8
ILAR	Eielson Array	88.56	18	P	P	23 42 51.8
ILAR	Eielson Array	88.56	18	P	P	23 05 02.3 -3.0
WRAK	Wrangell Islan	88.57	29	P	P	23 05 05.9 +0.4
H23K	Yukon River	88.61	16	P	P	23 05 06.6 +1.1
PLBC	Pleasant Camp	88.62	25	P	P	23 05 05.9 +0.2
POKR	Poker Plat Res	88.66	17	P	P	23 05 06.6 +0.8
FURC	Furnace Creek	88.67	51	Iamb	Iamb	23 05 09.8
HIRC	Hirca	88.67	51	IAMS_20	IAMS_20	23 36 48.2
R32K	Eaglecrest	88.68	27	P	P	23 05 06.4 +0.4

GMN	Gold Mountain	88.69	50	P	I	23 05 06.2 -0.7
BC3	Big Chuckawak	88.70	54	Iamb	Iamb	23 05 12.2
BC3	Greenwater Val	88.71	52	IAMS_20	IAMS_20	23 36 42.0
GWY	Greenwater Val	88.71	52	Iamb	Iamb	23 05 10.5
F21K	Alatina River	88.72	14	P	P	23 05 07.7 +1.7
PINE	Pine Mountain	88.74	43	Iamb	Iamb	23 05 10.3
KVN	Kaiserville	88.76	48	Iamb	Iamb	23 05 10.1
YUK6	Outset Mounta	88.77	23	P	P	23 05 07.1 +0.4
D19K	Kuna River	88.78	12	IAMS_20	IAMS_20	23 40 06.6
D19K	Kuna River	88.78	12	P	P	23 05 07.7 +1.4
BRWY	Burwash Landin	88.80	23	P	P	23 05 07.5 +0.9
P30M	Million Dollar	88.80	24	P	P	23 05 07.4 +0.9
BVCY	Beaver Creek	88.83	21	P	P	23 05 07.6 +1.0
SCRK	Sand Creek	88.86	19	P	P	23 05 08.2 +1.3
J25K	Salt River,	88.89	18	P	P	23 05 08.4 +1.5
YUK4	Talbot Arm	88.92	23	P	P	23 05 08.8 +1.5
L27K	Bear Creek,	88.93	21	P	P	23 05 08.6 +1.5
WCT	Wildcat Mounta	88.97	51	Iamb	Iamb	23 05 11.9
GLA	Glamis	88.97	55	IAMS_20	IAMS_20	23 46 14.2
E20K	Nigu River	88.97	13	P	P	23 05 09.1 +1.9
TPH	Topnah	89.01	50	Iamb	Iamb	23 05 11.5
C19K	Lookout Ridge	89.02	11	IAMS_20	IAMS_20	23 51 54.1
HYT	Haltus Junctio	89.02	24	P	P	23 05 08.8 +1.1
SKAG	Skagway	89.05	25	P	P	23 05 09.2 +1.5
H24K	Noodor Dome	89.07	17	P	P	23 05 09.0 +1.3
DANC	Danby, Needles	89.11	53	IAMS_20	IAMS_20	23 36 35.9
IRM	Iron Mountain	89.12	54	Iamb	Iamb	23 05 15.1
G23K	Bananza Creek	89.16	15	IAMS_20	IAMS_20	23 43 28.9
F22K	John River	89.26	14	P	P	23 05 10.1 +1.6
D20K	Etiuvik River	89.26	12	IAMS_20	IAMS_20	23 42 55.6
D20K	Etiuvik River	89.26	12	P	P	23 05 09.9 +1.4
TPNV	Topnah Spring	89.31	51	IAMS_20	IAMS_20	23 46 28.1
U35K	Hyder	89.38	30	IAMS_20	IAMS_20	23 45 14.2
PALK	Pallekele	89.39	278	LR	LR	23 45 42.3
PALK	Pallekele	89.39	278	IAMS_20	IAMS_20	23 41 33.1
PMSA	Palmer Station	89.41	160	LR	LR	23 42 21.2
PRR	Porcupine Dome	89.50	18	P	P	23 05 11.3 +1.5
O30N	Mendenhall	89.53	24	IAMS_20	IAMS_20	23 47 36.4
O30N	Mendenhall	89.53	24	P	P	23 05 11.7 +1.7
N30M	Aishikik Lake	89.58	23	IAMS_20	IAMS_20	23 39 31.2
N30M	Aishikik Lake	89.58	23	P	P	23 05 11.3 +1.1
E21K	Killik River	89.60	13	IAMS_20	IAMS_20	23 41 20.3
E21K	Killik River	89.60	13	P	P	23 05 12.0 +1.9
LPIG	La Paz	89.68	65	LR	LR	23 38 20.8
M29M	Somme Creek	89.69	22	IAMS_20	IAMS_20	23 41 34.3
M29M	Somme Creek	89.69	22	P	P	23 05 12.2 +1.4
A19K	Wainwright	89.71	10	P	P	23 05 12.6 +2.0
P32M	Atlin	89.79	26	P	P	23 05 12.8 +1.6
G24K	Hadweenzic Riv	89.82	16	IAMS_20	IAMS_20	23 42 34.3
E22K	Anaktuvuk Pass	89.84	14	P	P	23 05 13.1 +0.8
T35M	Bob Quinn	89.85	29	P	P	23 05 12.1 +0.6
WHY	Whitehorse	89.94	24	P	P	23 05 12.8 +0.8
S34M	Telegraph Cree	89.95	28	IAMS_20	IAMS_20	23 38 46.7
C21K	Kniefblade Rid	90.00	13	P	P	23 05 13.2 +1.3
Q32M	Nakina River	90.04	27	P	P	23 05 13.0 +0.4
VIS	Visakhapatnam	90.06	288	eP	Iamb	23 05 08.5 -4.8
N31M	Braeburn, Yuko	90.09	24	IAMS_20	IAMS_20	23 52 45.8
N31M	Braeburn, Yuko	90.09	24	P	P	23 05 12.7 +0.1
J08A	Circle Bar Ran	90.19	44	Iamb	Iamb	23 05 22.8
EVN	Everest	90.22	299	Iamb	Iamb	23 05 23.5
L29M	L29M	90.24	22	P	P	23 05 13.9 +0.7
B20K	Meade River	90.24	11	IAMS_20	IAMS_20	23 41 39.2
B20K	Meade River	90.24	11	P	P	23 05 14.4 +1.4
G25K	Bearman Lake	90.24	17	P	P	23 05 13.7 +0.7
E23K	Chandalar	90.30	15	IAMS_20	IAMS_20	23 42 12.9
E23K	Chandalar	90.30	15	P	P	23 05 14.8 +1.3
F24K	Squaw Lake	90.32	16	IAMS_20	IAMS_20	23 41 20.8
F24K	Squaw Lake	90.32	16	P	P	23 05 14.8 +1.3
MXC	Moxie City	90.32	41	P	P	23 05 15.2 +1.2
PRN	Patroc Range	90.36	51	Iamb	Iamb	23 05 18.7
M30M	Minto, Yukon	90.38	22	IAMS_20	IAMS_20	23 41 56.4
M30M	Minto, Yukon	90.38	22	P	P	23 05 14.8 +0.9
B21K	Ikpikpuk River	90.42	12	IAMS_20	IAMS_20	23 45 06.0
B21K	Ikpikpuk River	90.42	12	P	P	23 05 14.8 +1.0
P33M	Teslin, Yukon	90.52	25	P	P	23 05 15.9 +1.2
E24K	Your Creek	90.59	15	IAMS_20	IAMS_20	23 42 21.6
E24K	Your Creek	90.59	15	P	P	23 05 16.3 +1.5
TROLL	Troll, Antarti	90.60	185	IP	IP	23 05 14.5 -0.6
G06A	Pilot Rock	90.65	43	Iamb	Iamb	23 05 18.6
I27K	Kandik River	90.72	19	P	P	23 05 17.4 +2.0
HAWA	Hanford	90.73	41	Iamb	Iamb	23 05 19.7

DLBC	Dease Lake	90.73
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1725

Table with columns for station ID, name, frequency, and other details. Includes stations like H31M Peel River, G30M Aloh Zraii Nji, E28M Babbage River, etc.

2020 MAY

Table with columns for station ID, name, frequency, and other details. Includes stations like TDK Taldyqorghan, SRNI Srinagar, MDOK Medeo, etc.

26d 22h

Table with columns for station ID, name, frequency, and other details. Includes stations like LONY Lake Ozonia, P61A Hampton, APA Hamonty, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSBI Mazda, MVOU Mavrouni, KZIT Kziot, etc.

ZUR 26 23:44:29.8, 46:90N:9:14E, h2km, 1km, MLh0.97, 6C, Error ellipse: s-maj=2793.2km s-min=711.1km az=71.0, Switzerland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PANIX Pigniu, SLM2M Linthal, etc.

STR 26 23:45:15.1±0.0, 47:39N:0:1x7:58E:0:08, h12km, MLv0.77, LOCSAT earthModelID haslach_taup-2.11 preliminary, Switzerland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ENDD Endenburg, KIZ Kirchzarten, etc.

IDC 27 00:02:24.7-1.1, 20:42S:172:74E, h0km, mb4.1/7, mbmp4.1/8, ML3.5/1, MS3.7/9, Error ellipse: s-maj=39.0km s-min=24.0km az=144.0

ISC 27 00:02:29.6±0.8, 20:44S:0:2x172:7E:0:2, h35km, n37, s15/30, mb4.1/8, MS3.6/7, 5C, Vanuatu Islands region

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

comp=Z:2.2nm,0.9s,baz=14,slow=2.8,SNR=18

IDC 27 00:02:45.1±1.6, 54:01S:159:32E, h0km, mb4.0/4, mbmp4.0/4, Error ellipse: s-maj=92.6km s-min=20.5km az=72.0

NEIC 27 00:02:48.1±1.5, 54:20S:0:0x4:159:0E:0:3, h10kms, 1km, mb4.4/4, Error ellipse: s-maj=34.4km s-min=5.1km az=97.0

ISC 27 00:02:47.3±0.6, 54:17S:0:07:159:3E:0:1, h10km, n41, s103/30, mb4.1/6, 2C-6D, Macquarie Island region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MCQ Macquarie Isla, DCZ Deep Cove, etc.

NOU 27 00:04:19.7, 17:06S:167:92E, h8km, MLv4.5/13, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DVP Devils Point, RTV Rentapao, etc.

IDC 27 00:14:26.8±0.8, 30:50'N:140:48'E, h0km, mb3.7/9, mbmp3.7/13, ML3.8/3, MS4.0/1, Error ellipse: s-maj=24.9km s-min=18.6km az=97.0

ISC 27 00:14:32.4±0.9, 30:66'N:0:09:140:4E:0:1, h35km, n20, s160/16, mb3.7/9, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JHJ Hachijo jima, MJAR Matsushiro Arr, etc.

0.7nm,0.7s,baz=291,slow=3.3,SNR=8.0, 0.7nm,0.7s

IDC 27 00:25:27.9±1.4, 16:99S:167:95E, h0km, mb4.0/6, mbmp4.0/7, ML3.7/1, MS3.2/1, Error ellipse: s-maj=38.9km s-min=19.6km az=106.0

NEIC 27 00:25:27.9±1.2, 16:94S:0:07:168:0E:0:1, h10kms, 1km, mb4.4/7, Error ellipse: s-maj=20.1km s-min=10.8km az=78.0

ISC 27 00:25:31.0±1.0, 16:99S:0:07:167:9E:0:1, h21km, n23, s102/22, mb4.3/8, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SAROUT Sarautout, MARNC Mare, etc.

IDC 27 00:26:25.6±2.0, 17:06S:167:73E, h0km, mb4.2/6, mbmp4.1/7, ML3.9/1, MS2.4/1, Error ellipse: s-maj=44.7km s-min=29.5km az=86.0

NEIC 27 00:27:55.1±1.8, 17:13S:0:06:167:8E:0:1, h10kms, 1km, mb4.4/9, Error ellipse: s-maj=22.2km s-min=10.2km az=86.0

ISC 27 00:26:29.5±0.9, 17:12S:0:06:167:7E:0:2, h25km, n25, s69/25, mb4.3/9, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SANUV Saraout, DZM Mont Dzumac, etc.

TAP 27 00:34:55.0, 24:87N:121:90E, h106km, ML3.7/B, JMA 27 00:34:55.3±0.2, 24:8N:0:8x121:9E:0:6, h103km, 2km, MV2.8/13, TAIWAN REGION

ISC 27 00:34:53.8±1.4, 24:90N:0:0x4:121:88E:0:03, h115km, 6km, n98, 08/78/181, 13C, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EGS Warrungarra Arr, TIPB Shuangxi, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like VM01, ENTT, YM08, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ZKR, IDI, GVD, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GDZ, SEDI, YVAC, etc.

27d Oh

Table with columns for station name, frequency, power, and other technical details. Includes stations like KHC Kasperske Hory, DAVA Damulus, SENIN Lac Senin/Sane, etc.

2020 MAY

Table with columns for station name, frequency, power, and other technical details. Includes stations like C23K Itkiliik River, B21K Ikpikpuk River, E28M Babbage River, etc.

1730

Table with columns for station name, frequency, power, and other technical details. Includes stations like CAEL Denizli, Camel, CAEL Mula-Seydike, CAEL Aydn-Nazilli, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like NPS Neapolis, IACM Heraklion, GVD Gavdhos, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like CAMT Kalavryta, ANTB Antalya, MAINT Manisa, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like SALP Salfit, KIRS Kiresehir-Merke, BHML Bhamnes, etc.

27d 1h

2020 MAY

1734

Table with columns for station call signs (e.g., MNK, MTLF, TNS), frequencies, and various status indicators (e.g., pmax, MLR, P).

Table with columns for station call signs (e.g., ESDC, ESDC, VSU), frequencies, and various status indicators (e.g., P, Pmax, Iamb).

Table with columns for station call signs (e.g., HLMI, SHME, SHME), frequencies, and various status indicators (e.g., eP, Iamb, Pmax).

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other technical details. Includes stations like INVG, TOAO, TORO, TORI, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other technical details. Includes stations like ARSB, KIBK, BTLS, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other technical details. Includes stations like WMQ, NRK, NRK, etc.

27d 1h

Table with columns for station ID, name, coordinates, and various performance metrics. Includes stations like SCHO Schefferville, ILOD CD2, BTO2 Baotou, RES Resolute Bay, HHC Hu-ho-hao-te, CHTO Chiang Mai, CMAR Chiang Mai Arr, YAK Yakutsk, HIA Hailar, XLT XiLinHaoTe, F64A Sherman, ENH Enshi, BJT Baijiatuu, BJ2 Beijing, and ZEA Zeya.

2020 MAY

Table with columns for station ID, name, coordinates, and various performance metrics. Includes stations like ZEA Zeya, HNS HongShan, HNS HNS, PKME Peaks-Kenny Pk, RCBR Riachuelo, RCBR Riachuelo, RCBR Riachuelo, FRNY Flat Rock, KCSI Kotacane, CN2 Changchun, CN2 CN2, CN2 CN2, DL2 Dalian, DL2 DL2, DL2 DL2, NBPS Pedro II - PI, BILL Bilibino, BILL Bilibino, KLR Kuldur, SEY Seymchan, GSI Gunungsitoli, GSI Gunungsitoli, C36M Paulutuk, PSI Prapat, RPSI Rantau Prapat, A21K Barrow, A22K Sinclair Lake, NJ2 Nanjing, B22K Teshekpuk Lake, A19K Wainwright, C26K Camden Bay, SADO Sadow, B20K Meade River, D28M Stokes Point, MA2 Magadan, MA2 Magadan, MA2 Magadan, C27K Jago River, C27K Jago River, MNSI Mandailing Nat, C23K Itkillik River, C24K Franklin Bluff, D27M Malcolm River, B21K Ikpikpak River, D25K Kavik River, INK Inuvik, INK Inuvik, INK Inuvik, INK Inuvik, D24K Happy Valley.

1736

Table with columns for station ID, name, coordinates, and various performance metrics. Includes stations like E28M Babbage River, C19K Lookout Ridge, C21K Knibbs Rid, E29M Blow River, D23K Nanushuk River, D23K Nanushuk River, USRK Ussuriysk Arr, C18K Utukok River, PSTR Posyet, D20K Etivluk River, TOLK Toolik Lake Re, C17K DeLong Mountai, E27K Coleen River, F31M Tsigeitchoic, C16K Lisburne Hills, MDP Montagnes des, F30M Barrier River, D19K Kuna River, SSPA Standing Stone, E21K Killik River, E25K Arctic Village, E20K Nigu River, RDQG Red Dog Mine, F28M Old Crow, E24K Your Creek, E22K Anaktuvuk Pass, E23K Chandalar, G31M Satah River, ERPA Erie, F26K Sheenjek River, D17K Skitarii River, G30M tAoh Zraii Nji, F25K Christian River, KS19 Wonju Array Si, G29M Pine Creek, KSAR Wonju Array Be, KSAR Wonju Array Be, F24K Squaw Lake, KSR5 Korea Array, KSR5 Korea Array, YKA Yellowknife A, YKA Yellowknife A, E18K Tukpahleark C, E18K Tukpahleark C, E18K Tukpahleark C, F22K John River, E19K Redstone River, EPYK Eagle Plains, G27K Doyon Strip, G26K Porcupine River, E17K Hotham Inlet, F21K Alatna River, F20K Avarart Lake, H31M Peel River, H29M Whitestone, G25K Bearman Lake, G22K Bettler, F19K Shalerucik Mo, G24K Hadwenzick M, FYU Fort Yukon, G23K Bananza Creek, KRJI Kerin, H27K Steamboat Moun, F18K Selawik, F17K Baldwin Pennin, G21K Allakaket, WRGLV Wrigley, I30M Mount Dempster, G19K Purcell Mounta, I29M Ogilvie Camp, I27K Kandik River, I28M Miner Creek, F15K North Star Di, H24K Noodor Dome, G18K Tagagavik, H22K Ishlialta Cre, F14K Arctic Creek, H23K Yukon River, I26K Coal Creek Min, H21K Melozitna Rive, G17K Kiwalik Mounta, G16K Koyuk River, J30M Hart River, H19K Roundabout Mou, H20K Anotlensega Mo, FFC Flin Flon, FFC Flin Flon.

1737 2020 MAY 27d 1h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like FFC Flin Flon, G15K Niukluk, J29N Klondike Camp, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PETK Petropavlovsk, L22K Petropavlovsk, N30M Aishikik Lake, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like JGF Kuroka, BDFB Brasilia, BDFB Brasilia, etc.

27d 2h

ASAR comp=Z,2.2nm,0.9s,baz=299,slow=1.8,SNR=10
Alice Springs 117.41 101
South Pole Qui 124.04 180
QSPA comp=Z,2.5nm,0.9s,baz=260,slow=2.0,SNR=11
South Pole Qui 124.04 180
STKA Stephens Creek 126.99 107
QND Qulipile 127.12 99
VLA Vanda 132.52 168

IDC 27 01:24:42.8,1.1,34.18N,25.71E,h0km,mb3.6/12,
m1btp3.7/18,ML3.1/6,Error ellipse: s-maj=21.1km
ATH 27 01:24:44.6,0.6,34.05N,25.89E,h10km,ML3.3/9,
Latitude uncertainty: 4 km; Longitude uncertainty: 2 km
THE 27 01:24:44.1,34.1N,25.2E,h2km,2h8km,25km,M3.1/8,
MLh3.1/8
AFAD 27 01:24:46.6,34.35N,25.97E,h6km,5km,ML2.7
ISK 27 01:24:47.6,34.42N,25.74E,h12km,ML3.1/13
Gll 27 01:24:48.0,0.3,33.835N,0.002-26:226E:0.001,
h0km,Mws3.6,confirmed

ISC 27 01:24:43.8,2.0,34.05N,0.005-25.84E,0.04,h11km,13km,
n109,0.163/152,mb3.7/11,Crete

Code Station Name Az Phase ID Time Res
ZKR Zakros 1.11 16 Pg Pb 01 25 03.7 -1.3
ZKR Zakros 1.11 16 Pg Pb 01 25 02.4 -2.6
ZKR Zakros 1.11 16 Pg Pb 01 25 17.3 -2.2
ZKR Zakros 1.11 16 Pg Pb 01 25 04.9 -0.1

IDC 27 01:40:09.0,7.8,17.79S,177.74W,h560km,25km,
mb3.5/3,mbtmp4.4/4,Error ellipse: s-maj=116.0km
s-min=105.8km az=61.0,Fiji Islands region

Code Station Name Az Phase ID Time Res
MSVF Nonsavu 4.01 270 Op ISC h m s ISC
19nm,0.7s,baz=128,slow=12,SNR=14
MSVF Nonsavu 4.01 270 Op S 01 41 31.9 +0.1

IDC 27 02:11:28.7,1.2,34.25N,25.62E,h0km,mb3.7/8,
m1btp3.5/15,ML3.2/7,MS3.1/2,Error ellipse:
s-maj=21.5km s-min=16.3km az=23.0
AFAD 27 02:11:37.8,34.57N,26.00E,h7km,5km,ML2.5
Gll 27 02:11:38.0,0.3,33.763N,0.002-26:395E:0.001,
h0km,Mws3.2,confirmed

Code Station Name Az Phase ID Time Res
ZKR Zakros 1.03 21 Pg Pb 01 21 50.8 0.0
ZKR Zakros 1.03 21 Pg Pb 01 22 05.9 +1.5
ZKR Zakros 1.03 21 Pg Pb 01 21 52.2 -3.0

Code Station Name Az Phase ID Time Res
ZKR Zakros 1.03 21 Pg Pb 01 21 50.8 0.0
ZKR Zakros 1.03 21 Pg Pb 01 22 05.9 +1.5
ZKR Zakros 1.03 21 Pg Pb 01 21 52.2 -3.0

2020 MAY

MMLI Giv'at Ha'Em 8.24 93 S Pn 01 28 13.3 -1.9
GEM Giv'at Ha'Em 8.24 93 S Pn 01 26 45.3 +2.0
YTR Yattir 8.27 106 S Pn 01 26 18.4 0.0

MSBI Mazda 8.48 106 P Pn 01 26 40.0 +1.5
KRMI Paran Flat 8.50 113 S Pn 01 26 48.0 +1.5
PRNI Paran Flat 8.60 113 S Pn 01 26 50.2 +2.0

AKASG Malin Array Be 16.82 7 Pn 01 28 40.1 +0.8
GERES GERES Array B 17.32 332 P Pn 01 28 45.7 +0.0
DAVOX Davos/Dischmat 17.55 321 P 01 28 50.5 +0.9

FINES FINES Array B 27.41 0 P 01 30 27.6 -1.6
EKA Ekdalemir Arr 29.27 325 P 01 30 44.5 -1.3
TORO Torodi Arr. Be 30.23 232 P 01 30 55.2 +0.5

ARCES ARCES Array B 35.54 360 P 01 31 39.0 -1.5
BVAR Borovoye Array 36.72 45 P 01 31 50.4 -0.4
KURBB Kurchatov Arr 41.39 50 P 01 32 31.2 +1.2

MSVF Nonsavu 4.01 270 Op ISC h m s ISC
19nm,0.7s,baz=128,slow=12,SNR=14
MSVF Nonsavu 4.01 270 Op S 01 41 31.9 +0.1

IDC 27 02:11:31.9,0.8,34.15N,0.005-25.77E,0.05,h26km,n74,
-25:47/108,mb3.6/7,Crete

Code Station Name Az Phase ID Time Res
ZKR Zakros 1.03 21 Pg Pb 01 21 50.8 0.0
ZKR Zakros 1.03 21 Pg Pb 01 22 05.9 +1.5
ZKR Zakros 1.03 21 Pg Pb 01 21 52.2 -3.0

Code Station Name Az Phase ID Time Res
ZKR Zakros 1.03 21 Pg Pb 01 21 50.8 0.0
ZKR Zakros 1.03 21 Pg Pb 01 22 05.9 +1.5
ZKR Zakros 1.03 21 Pg Pb 01 21 52.2 -3.0

Code Station Name Az Phase ID Time Res
ZKR Zakros 1.03 21 Pg Pb 01 21 50.8 0.0
ZKR Zakros 1.03 21 Pg Pb 01 22 05.9 +1.5
ZKR Zakros 1.03 21 Pg Pb 01 21 52.2 -3.0

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DNZT Denizli-Tavas- 4.10 39 P Pn 02 12 34.7 +1.7
DNZT Denizli-Tavas- 4.10 39 P S 02 13 18.4 -1.7
KNIK Mula-Seydiye 4.11 48 P S 02 12 35.5 +2.3

DNZT Denizli-Tavas- 4.10 39 P S 02 12 40.8 -3.4
CAEL Denizli, Camel 4.14 43 P S 02 12 21.4 +0.1
AYDB Zeytinok-Aydi 4.16 24 Pn Pn 02 12 37.8 +2.9

DNZT Denizli-Tavas- 4.10 39 P S 02 12 36.2 +1.9
ESEN Aydin-Nazilli 4.20 29 P Pn 02 13 19.9 -2.6
ESEN Aydin-Nazilli 4.20 29 P S 02 13 19.9 -2.6

DNZT Denizli-Tavas- 4.10 39 P S 02 12 40.8 -3.4
CAEL Denizli, Camel 4.14 43 P S 02 12 21.4 +0.1
AYDB Zeytinok-Aydi 4.16 24 Pn Pn 02 12 37.8 +2.9

DNZT Denizli-Tavas- 4.10 39 P S 02 12 36.2 +1.9
ESEN Aydin-Nazilli 4.20 29 P Pn 02 13 19.9 -2.6
ESEN Aydin-Nazilli 4.20 29 P S 02 13 19.9 -2.6

DNZT Denizli-Tavas- 4.10 39 P S 02 12 40.8 -3.4
CAEL Denizli, Camel 4.14 43 P S 02 12 21.4 +0.1
AYDB Zeytinok-Aydi 4.16 24 Pn Pn 02 12 37.8 +2.9

DNZT Denizli-Tavas- 4.10 39 P S 02 12 36.2 +1.9
ESEN Aydin-Nazilli 4.20 29 P Pn 02 13 19.9 -2.6
ESEN Aydin-Nazilli 4.20 29 P S 02 13 19.9 -2.6

DNZT Denizli-Tavas- 4.10 39 P S 02 12 40.8 -3.4
CAEL Denizli, Camel 4.14 43 P S 02 12 21.4 +0.1
AYDB Zeytinok-Aydi 4.16 24 Pn Pn 02 12 37.8 +2.9

DNZT Denizli-Tavas- 4.10 39 P S 02 12 36.2 +1.9
ESEN Aydin-Nazilli 4.20 29 P Pn 02 13 19.9 -2.6
ESEN Aydin-Nazilli 4.20 29 P S 02 13 19.9 -2.6

DNZT Denizli-Tavas- 4.10 39 P S 02 12 40.8 -3.4
CAEL Denizli, Camel 4.14 43 P S 02 12 21.4 +0.1
AYDB Zeytinok-Aydi 4.16 24 Pn Pn 02 12 37.8 +2.9

Table with columns: ZALV, SONM, ULM, Station Name, Az, Az', Op, P, Time, Res, ISC. Includes Zalesovo Beam, Sogindo Array, and Lae du Bonnet.

NNC 27 02:24:45.4, 0.4, 44.96Nk, 77.93E, h0km, mb3.5, mpv3.6, Error ellipse: s-maj=2.4km s-min=1.5km az=144.0

SOME 27 02:24:45.6, 44.93Nk, 77.92E, h10km, ISC 27 02:24:45.8, 1.1, 44.94Nk, 0.02, 77.94E, h4km, 10km, n51, -1529/86, 13C-3D, Eastern Kazakhstan

Main table of station data with columns: Code, Station Name, Az, Az', Op, P, Time, Res, ISC. Lists numerous stations like TDK, ARXS, KURS, etc.

Table of seismic events with columns: BTLS, SGDS, MAKZ, AAK, MKK31, MRKS, SEM, KURKB, KURK, BRLS, Station Name, Az, Az', Op, P, Time, Res, ISC. Includes events like Baital, Sogindo, Malanchi, etc.

NOU 27 02:33:11.2, 16.97S:168.00E, h4km, mb4.4/12, Vanuatu Islands, Vanuatu Islands

Table of station data for Vanuatu Islands with columns: Code, Station Name, Az, Az', Op, P, Time, Res, ISC. Includes stations like DVP, RTV, etc.

GFZ 27 02:33:10.8, 24.73S:116.56W, h10km, MW5.3, Moment Tensor Solution, s79 Moment tensor: Mrr=0.52, Mtt=0.83, Mss=1.34, Mtr=0.01, Mts=0.46, Mts=0.02

MOS 27 02:33:10.6, 1.1, 24.41S:116.05W, h10km, mb4.1/30 Error ellipse: s-maj=16.2km s-min=8.7km az=78.3

NEIC 27 02:33:12.1, 5.2, 24.53S:116.19W, h0km, mb4.4/13, mbtmp4.4/13, MS4.7/46, Error ellipse: s-maj=23.2km s-min=16.5km az=87.0

GCMT 27 02:33:16.1, 1.1, 24.23S:116.15W, h10km, MW5.4/143, Moment Tensor Solution, s110c192: s143c268: Duration: 1s2 Moment tensor: Scale 10^17 Nm: Mrr=0.43t:01; Mtt=1.12t:01; Mss=1.55t:01; Mtr=0.04t:04; Mts=0.53t:01; Mts=0.00t:04; Best double couple: M1.43600:1017 NP1.326.00000:888.00000, lambda=178.00000. NP2.236.00000:888.00000, lambda=2.00000. Principal axes: T 1.6500, P1g0.0000, Azm281.0000; N -0.4290, Plg87.0000; Azm16.0000; P -1.2220, Plg3.0000, Azm191.0000; nzt1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 27 02:33:12.0, 0.3, 24.37S:116.01W, h10km, MW5.2/142, n542, r099/500, mb5.0/79, MS4.9/54, 9C-9D, Southern East Pacific Rise

Main table of station data for the Pacific Rise region with columns: Code, Station Name, Az, Az', Op, P, Time, Res, ISC. Includes stations like RPN, H03N2, etc.

Main table of station data for the Pacific Rise region with columns: Code, Station Name, Az, Az', Op, P, Time, Res, ISC. Includes stations like SLOR, G001, etc.

27d 2h

Table with columns: Station, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, and Remarks. Includes stations like TPNV Topopah Spring, WMOK Wichita Mountain, and many others.

2020 MAY

Table with columns: Station, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, and Remarks. Includes stations like ULM Lac du Bonnet, ULM Lac du Bonnet, and many others.

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Table with columns: Station, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, and Remarks. Includes stations like R17L Mt. Peulik Vol, SEW Seward, BRSE Bradley Lake S, and many others.

Table of astronomical observations with columns for object name, date, time, and other parameters. Includes objects like Eielson Array, Satah River, Port Moresby, etc.

Table of astronomical observations with columns for object name, date, time, and other parameters. Includes objects like Camden Bay, Nanushuk River, G15K, etc.

Table of astronomical observations with columns for object name, date, time, and other parameters. Includes objects like KMI2, TIRR, LDK, etc.

DC 27 02:34:39.4, 35:44N, 26:74E, hOkm, mb3.8/9, mbtimp3.717, ML3. 1/6, MS2.99, Error ellipse: s-major=19.5km s-minor=1.1km az=173.0...

Table with columns: Code, Station Name, Az, Phase ID, h, m, s, Res, ISC. Includes entries for KARP Karpathos, GEVA Gevas, etc.

Main table containing station codes, names, coordinates, and various data points. Includes a detailed table at the bottom with columns: Code, Station Name, Lat, Lon, Phase ID, Time, Res, h, m, s, ISC.

27d 4h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like WBSM Bird Springs, CARRIZO Plain, BTPC Burnt Peak, etc.

2020 MAY

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like CMB Columbia Colle, MHC Mount Hamilton, BORC Borrego Spring, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like KIW Kapiti Island, MGCS Blenheim Marib, MKGS Makara Bunker, etc.

NOU 27 04:58:31.6, 40.42S:173.71E, h170km, MLV3.8/19, Cook Strait, New Zealand.
NEIC 27 04:58:31.7, 40.45S:173.63E, h183km, 6km, mb4.4/9, Error ellipse: s-maj=9.8km s-min=7.4km az=157.0

WEL 27 04:58:34.8, 0.6, 40.2, 17.4E, h145km, 4km, M3.5/24, MLV3.5/24, Error ellipse: s-maj=3.5km s-min=2.7km az=111.1

ISC 27 04:58:31.3, 40.43S:173.63E, h177km, 5km, n196, s1910/247, mb4.3/5, Cook Strait

Table with columns for Code, Station Name, Az, AzP, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DUWZ D'Urville Isla, TSFS Takaka Scotts, TKNZ Takaka Hill, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MHCZ Mount Hutt, URZ Urewera, RACZ Rakaia, etc.

IDC 27 05:15:10.3:8.3, 2.56S:11.99W, h0km, mb3.6/4, mbtmp3.6/4, MS3.3/6, Error ellipse: s-maj=222.9km s-min=110.5km az=158.0, North of Ascension Island

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like H10N2 ASCENSION HYDR 5.79 205, H10N1 ASCENSION HYDR 5.80 205, etc.

NEIC 27 05:31:38.2:2.5, 34.29N:0.09:71.04E:0.09, h10km, mb3.2km, mb4.2/9, Error ellipse: s-maj=16.5km s-min=11.1km az=167.0

IDC 27 05:31:39.1:1.0, 34.65N:70.74E, h0km, mb3.7/12, mbtmp3.8/16, ML3.6/4, MS3.1/3, Error ellipse: s-maj=21.9km s-min=20.7km az=105.0

NDI 27 05:31:50.4:0.7, 34.24N:70.98E, h10km, ML4.2, MW4.1, mb4.2(NEIC), Presumed earthquake

ISC 27 05:31:44.7:0.6, 34.64N:0.07:70.68E:0.05, h42km, n50, z=237/58, mb3.9/15, MS2.8/3, 2C-2D, Southeastern

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KBL Kabul, CHGR Chuyangaron, GAR Garn, etc.

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

IDC 27 05:43:05.9:1.1, 17.08S:167.88E, h0km, mb4.1/10, mbtmp4.1/11, ML3.9/1, MS3.5/9, Error ellipse: s-maj=32.1km s-min=23.1km az=108.0

NOU 27 05:43:05.9:1.1, 17.08S:167.92E, h1km, MLV4.7/12, Vanuatu Islands

NEIC 27 05:43:07.0:2.0, 17.1S:0.1:167.9E:0.1, h10km, mb3km, mb4.5/13, Error ellipse: s-maj=18.7km s-min=18.2km az=344.0

ISC 27 05:43:09.0:0.7, 17.13S:0.07:167.84E:0.07, h21km, n47, z=1903/46, mb4.4/15, MS3.5/7, 2D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like DVP Devils Point, RTV Rentapao, MARC Mare, Loyalty, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like WR8 Warramunga Arr, WBO Warramunga Arr, WRA Warramunga Arr, etc.

IDC 27 05:53:19.1:2.1, 40.54S:174.97E, h0km, mb3.4/2, mbtmp3.3/3, ML2.5/1, Error ellipse: s-maj=55.0km s-min=27.9km az=148.0

NOU 27 05:53:25.6, 40.55S:175.07E, h76km, MLV3.9/18, North Island, New Zealand

WEL 27 05:53:27.2:0.2, 40.52S:177.52E, h31km, 4km, M3.8/25, ML3.8/25, MLV3.8/25, Error ellipse: s-maj=3.4km s-min=2.0km az=116.3

ISC 27 05:53:26.8:0.9, 40.48S:0.02:175.01E:0.02, h5km, mb3.5km, n177, s118/11/21, North Island

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like FXBS Foxton Beach S, HOCS Levin Horowhen, CHWZ Otaki Gorge, etc.

27d 6h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations and their associated data points.

2020 MAY

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations and their associated data points.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations and their associated data points.

27d 6h

Table with columns for station ID, name, coordinates, and forecast data. Includes stations like GOMU, TOLIZ, TIXI, SP1A, CHTO, CMAR, GAMB, UNV, WMQ, WNO, WMQ, M11K, TNA, K13K, ZSN, ZSAO, ZALV, ZALV, M13K, F14K, ANM, L14K, N14K, M14K, F15K, F15K, G15K, O14K, SDPT, K15K, C16K, M15K, CHNA, H16K, S14K, N15K, N15K, O15K, G16K, MK31, MKAR, MKAR, MKAR, MKAR, H17K, N17K, N17K, N17K, MAK2, MAK2, MAK2, D17K, L16K, CHGN, C17K, M16K, E17K, N16K, F17K, F17K, F17K, G17K, H17K, H17K, H17K, O16K, P16K, J17K, J17K, R16K, L17K, EVN, K17K, K17K, E18K, E18K, C18K.

2020 MAY

Table with columns for station ID, name, coordinates, and forecast data. Includes stations like C18K, F18K, M17K, M17K, M17K, O17K, N17K, H18K, G16K, G18K, R17L, P17K, A19K, L18K, C19K, N18K, GCSA, F19K, MTN, M18K, KURK, KURK, KURK, KURBB, KURBB, G19K, P19K, D19K, O18K, H19K, O18K, E19K, J19K, J19K, SHLS, SHLS, L19K, L19K, M19K, D20K, F20K, UZB, UZB, E20K, B20K, H20K, TDK, TDK, TDK, I20K, O19K, K20K, J20K, J20K, OHAK, SATY, SATY, M20K, A21K, O20K, C21K, KDAK, KDAK, KDAK, G21K, G21K, B21K, F21K, F21K, E21K, SPCR, H21K, H21K, PPLA, PPLA, CHUM, A22K, CAST, CAST, CAST, TARG, TARG, I21K, SKT, SKT, SKT.

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Table with columns for station ID, name, coordinates, and forecast data. Includes stations like B22K, B22K, MDOK, MDOK, F22K, CAPN, TNS5, TNS5, KDJ, H22K, H22K, G22K, KTH, KTH, E22K, L22K, L22K, BRSE, MLY, MLY, TRF, M22K, RC01, D23K, D23K, G23K, G23K, G23K, SEW, SEW, H23K, H23K, BOOM, I23K, KNRA, PMR, PMR, PMR, PMR, PMR, E23K, E23K, NEA2, NEA2, NEA2, MCK, TOLK, GHO, RND, NRN, WAT1, SML, SML, SML, D24K, D24K, E24K, C24K, COLA, COLA, COLA, H24K, WAT6, F24K, SGDS, BRZS, BRZS, M23K, POKR, G24K, G24K, G24K, DHY, SCM, SCM, P23K, AAK, AAK, AAK, AAK, AAK, HDA, HDA, IL31, ILAR, ILAR, ILAR, KSH2, KSH2, ARLS, D25K, G25K.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like M24K, Q23K, F25K, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like CHM, I29M, M29M, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ARCES, MOS, VRRH, etc.

0.3650, Plg5.0000", Azm174.0000"; P -3.3670, Plg7.0000", Azm264.0000"; instat1 refers to body waves, cutoff=40s. inst2 refers to surface/manly waves, cutoff=50s.

NEIC 27.09:27.6, 17.14S:167.86E, h12km, Moment Tensor Solution. Duration: 666 Moment tensor: Scale 10¹⁸Nm; M_w : 2.63; $M_{s0.15}$; $M_{s0.2}$; $M_{s0.24}$; $M_{s0.24}$; $M_{s0.24}$; $M_{s0.24}$; Fault plane solution: M_2 : 790000⁺¹⁰¹⁸ NP1; σ_1 : 179.740000", σ_2 : 93.110000", σ_3 : 790000"; NP2: σ_1 : 351.020000", σ_2 : 151.210000", σ_3 : 51.000000". Principal axes: T: 2.7047", Plg63.0000", Azm229.0000"; N: 0.1594", Plg4.0000", Azm354.0000"; P: -2.8641", Plg6.0000", Azm85.0000".

ISC 27.09:10.6-0.4, 17.23S:0103.16787E:003, h15km, 2km, h14km: pP-P, n1267, e209/953, mb5.8/213, MS6.0/484, 65C-36D, Vanuatu Islands

Code	Station Name	AZ	Phase ID	Time Res	ISC
AUDCS	Dubbo College	22.93 226	P	07 14 13.8 -0.6	P
BKZ	Black Stump Fm	23.11 163	P	07 14 05.8 -1.0	P
BKZ	Black Stump Fm	23.11 163	P	07 14 18.2 +2.0	P
WAZ	Wanganui	23.28 166	P	07 14 23.5 +5.6	P
KNZ	Kokohu	23.34 160	P	07 14 21.4 +3.0	P
QLP	Quilpie	23.79 243	P	07 14 22.4 +0.6	P
QLP	Quilpie	23.79 243	P	07 14 23.2 +0.2	P
QLP	Quilpie	23.79 243	P	07 14 22.2 +0.3	P
AUHHS	Ultradulla High	23.80 217	P	07 14 21.2 -1.7	P
TSZ	Takapani Road	23.81 164	P	07 14 23.2 +1.2	P
QRZ	Quartz Range	23.86 171	P	07 14 16.6 -6.8	P
QRZ	Quartz Range	23.86 171	Iamb	07 14 14.9	Iamb
QRZ	Quartz Range	23.86 171	P	07 14 25.6 +2.2	P
COEN	Coen	24.00 274	P	07 14 24.3 -0.8	P
COEN	Coen	24.00 274	P	07 14 25.8 +0.6	P
COEN	Coen	24.00 274	P	07 14 24.3 -0.8	P
COEN	Coen	24.00 274	Iamb	07 14 43.8	Iamb
COEN	Coen	24.00 274	Iamb	07 14 25.8 +0.6	Iamb
COEN	Coen	24.00 274	P	07 14 24.4 -0.8	P
COEN	Coen	24.00 274	P	07 14 25.8 +0.6	P
COEN	Coen	24.00 274	P	07 14 24.6 -0.5	P
TKNZ	Takataka Hill	24.12 171	P	07 14 19.8 -6.2	P
MRZ	Mangatoina R	24.28 166	P	07 14 19.4 -8.0	P
MRZ	Mangatoina R	24.28 166	Iamb	07 14 45.0	Iamb
MRZ	Mangatoina R	24.28 166	IAMS_20	07 23 24.6	IAMS_20
YNG	Young	24.35 222	P	07 14 29.4 +1.2	P
NNZ	Nelson	24.37 170	P	07 14 23.4 -4.8	P
NNZ	Nelson	24.37 170	Iamb	07 14 50.9	Iamb
CNB	Canberra	24.42 219	P	07 14 29.7 +0.9	P
CNB	Canberra	24.42 219	P	07 14 26.1 -2.8	P
CNB	Canberra	24.42 219	P	07 14 20.0 -9.1	P
BFBZ	Birch Farm	24.46 164	P	07 23 55.1	P
BFBZ	Birch Farm	24.46 164	IAMS_20	07 23 55.1	IAMS_20
DAFJ	Darwin	24.51 219	P	07 14 26.9 -2.7	P
DAFJ	Darwin	24.51 219	P	07 14 24.6 -5.3	P
TCW	Tory Channel S	24.61 219	P	07 14 29.1 -1.5	P
AUMHS	Melrose High	24.64 219	P	07 14 27.8 -3.1	P
AUMHS	Melrose High	24.64 219	P	07 14 32.0 +1.1	P
CAN	Canberra	24.64 219	P	07 14 28.0 -2.9	P
CAN	Canberra	24.64 219	P	07 22 34.9	P
CAN	Canberra	24.64 219	IAMS_20	07 14 33.3 +2.4	IAMS_20
CAN	Canberra	24.64 219	P	07 14 34.9 +0.8	P
CAN	Canberra	24.64 219	pmax	07 14 31.8 +0.9	pmax
CAN	Canberra	24.64 219	P	07 14 30.6 -0.3	P
CAN	Canberra	24.64 219	P	07 14 31.8 +0.9	P
CAN	Canberra	24.64 219	P	07 14 29.1 -1.5	P
CAN	Canberra	24.64 219	P	07 14 27.8 -3.1	P
CAN	Canberra	24.64 219	P	07 14 32.0 +1.1	P
CAN	Canberra	24.64 219	P	07 14 28.0 -2.9	P
CAN	Canberra	24.64 219	IAMS_20	07 22 34.9	IAMS_20
CAN	Canberra	24.64 219	P	07 14 33.3 +2.4	P
CAN	Canberra	24.64 219	p	07 14 34.9 +0.8	p
CAN	Canberra	24.64 219	P	07 14 31.8 +0.9	P
CAN	Canberra	24.64 219	P	07 14 30.6 -0.3	P
CAN	Canberra	24.64 219	P	07 14 29.1 -1.5	P
CAN	Canberra	24.64 219	P	07 14 27.8 -3.1	P
CAN	Canberra	24.64 219	P	07 14 32.0 +1.1	P
CAN	Canberra	24.64 219	P	07 14 28.0 -2.9	P
CAN	Canberra	24.64 219	IAMS_20	07 22 34.9	IAMS_20
CAN	Canberra	24.64 219	P	07 14 33.3 +2.4	P
CAN	Canberra	24.64 219	p	07 14 34.9 +0.8	p
CAN	Canberra	24.64 219	P	07 14 31.8 +0.9	P
CAN	Canberra	24.64 219	P	07 14 30.6 -0.3	P
CAN	Canberra	24.64 219	P	07 14 29.1 -1.5	P
CAN	Canberra	24.64 219	P	07 14 27.8 -3.1	P
CAN	Canberra	24.64 219	P	07 14 32.0 +1.1	P
CAN	Canberra	24.64 219	P	07 14 28.0 -2.9	P
CAN	Canberra	24.64 219	IAMS_20	07 22 34.9	IAMS_20
CAN	Canberra	24.64 219	P	07 14 33.3 +2.4	P
CAN	Canberra	24.64 219	p	07 14 34.9 +0.8	p
CAN	Canberra	24.64 219	P	07 14 31.8 +0.9	P
CAN	Canberra	24.64 219	P	07 14 30.6 -0.3	P
CAN	Canberra	24.64 219	P	07 14 29.1 -1.5	P
CAN	Canberra	24.64 219	P	07 14 27.8 -3.1	P
CAN	Canberra	24.64 219	P	07 14 32.0 +1.1	P
CAN	Canberra	24.64 219	P	07 14 28.0 -2.9	P
CAN	Canberra	24.64 219	IAMS_20	07 22 34.9	IAMS_20
CAN	Canberra	24.64 219	P	07 14 33.3 +2.4	P
CAN	Canberra	24.64 219	p	07 14 34.9 +0.8	p
CAN	Canberra	24.64 219	P	07 14 31.8 +0.9	P
CAN	Canberra	24.64 219	P	07 14 30.6 -0.3	P
CAN	Canberra	24.64 219	P	07 14 29.1 -1.5	P
CAN	Canberra	24.64 219	P	07 14 27.8 -3.1	P
CAN	Canberra	24.64 219	P	07 14 32.0 +1.1	P
CAN	Canberra	24.64 219	P	07 14 28.0 -2.9	P
CAN	Canberra	24.64 219	IAMS_20	07 22 34.9	IAMS_20
CAN	Canberra	24.64 219	P	07 14 33.3 +2.4	P
CAN	Canberra	24.64 219	p	07 14 34.9 +0.8	p
CAN	Canberra	24.64 219	P	07 14 31.8 +0.9	P
CAN	Canberra	24.64 219	P	07 14 30.6 -0.3	P
CAN	Canberra	24.64 219	P	07 14 29.1 -1.5	P
CAN	Canberra	24.64 219	P	07 14 27.8 -3.1	P
CAN	Canberra	24.64 219	P	07 14 32.0 +1.1	P
CAN	Canberra	24.64 219	P	07 14 28.0 -2.9	P
CAN	Canberra	24.64 219	IAMS_20	07 22 34.9	IAMS_20
CAN	Canberra	24.64 219	P	07 14 33.3 +2.4	P
CAN	Canberra	24.64 219	p	07 14 34.9 +0.8	p
CAN	Canberra	24.64 219	P	07 14 31.8 +0.9	P
CAN	Canberra	24.64 219	P	07 14 30.6 -0.3	P
CAN	Canberra	24.64 219	P	07 14 29.1 -1.5	P
CAN	Canberra	24.64 219	P	07 14 27.8 -3.1	P
CAN	Canberra	24.64 219	P	07 14 32.0 +1.1	P
CAN	Canberra	24.64 219	P	07 14 28.0 -2.9	P
CAN	Canberra	24.64 219	IAMS_20	07 22 34.9	IAMS_20
CAN	Canberra	24.64 219	P	07 14 33.3 +2.4	P
CAN	Canberra	24.64 219	p	07 14 34.9 +0.8	p
CAN	Canberra	24.64 219	P	07 14 31.8 +0.9	P
CAN	Canberra	24.64 219	P	07 14 30.6 -0.3	P
CAN	Canberra	24.64 219	P	07 14 29.1 -1.5	P
CAN	Canberra	24.64 219	P	07 14 27.8 -3.1	P
CAN	Canberra	24.64 219	P	07 14 32.0 +1.1	P
CAN	Canberra	24.64 219	P	07 14 28.0 -2.9	P
CAN	Canberra	24.64 219	IAMS_20	07 22 34.9	IAMS_20
CAN	Canberra	24.64 219	P	07 14 33.3 +2.4	P
CAN	Canberra	24.64 219	p	07 14 34.9 +0.8	p
CAN	Canberra	24.64 219	P	07 14 31.8 +0.9	P
CAN	Canberra	24.64 219	P	07 14 30.6 -0.3	P
CAN	Canberra	24.64 219	P	07 14 29.1 -1.5	P
CAN	Canberra	24.64 219	P	07 14 27.8 -3.1	P
CAN	Canberra	24.64 219	P	07 14 32.0 +1.1	P
CAN	Canberra	24.64 219	P	07 14 28.0 -2.9	P
CAN	Canberra	24.64 219	IAMS_20	07 22 34.9	IAMS_20
CAN	Canberra	24.64 219	P	07 14 33.3 +2.4	P
CAN	Canberra	24.64 219	p	07 14 34.9 +0.8	p
CAN	Canberra	24.64 219	P	07 14 31.8 +0.9	P
CAN	Canberra	24.64 219	P	07 14 30.6 -0.3	P
CAN	Canberra	24.64 219	P	07 14 29.1 -1.5	P
CAN	Canberra	24.64 219	P	07 14 27.8 -3.1	P
CAN	Canberra	24.64 219	P	07 14 32.0 +1.1	P
CAN	Canberra	24.64 219	P	07 14 28.0 -2.9	P
CAN	Canberra	24.64 219	IAMS_20	07 22 34.9	IAMS_20
CAN	Canberra	24.64 219	P	07 14 33.3 +2.4	P
CAN	Canberra	24.64 219	p	07 14 34.9 +0.8	p
CAN	Canberra	24.64 219	P	07 14 31.8 +0.9	P
CAN	Canberra	24.64 219	P	07 14 30.6 -0.3	P
CAN	Canberra	24.64 219	P	07 14 29.1 -1.5	P
CAN	Canberra	24.64 219	P	07 14 27.8 -3.1	P
CAN	Canberra	24.64 219	P	07 14 32.0 +1.1	P
CAN	Canberra	24.64 219	P	07 14 28.0 -2.9	P
CAN	Canberra	24.64 219	IAMS_20	07 22 34.9	IAMS_20
CAN	Canberra	24.64 219	P	07 14 33.3 +2.4	P
CAN	Canberra	24.64 219	p	07 14 34.9 +0.8	p
CAN	Canberra	24.64 219	P	07 14 31.8 +0.9	P
CAN	Canberra	24.64 219	P	07 14 30.6 -0.3	P
CAN	Canberra	24.64 219	P	07 14 29.1 -1.5	P
CAN	Canberra	24.64 219	P	07 14 27.8 -3.1	P
CAN	Canberra	24.64 219	P	07 14 32.0 +1.1	P
CAN	Canberra	24.64 219	P	07 14 28.0 -2.9	P
CAN	Canberra	24.64 219	IAMS_20	07 22 34.9	IAMS_20
CAN	Canberra	24.64 219	P	07 14 33.3 +2.4	P
CAN	Canberra	24.64 219	p	07 14 34.9 +0.8	p
CAN	Canberra	24.64 219	P	07 14 31.8 +0.9	P
CAN	Canberra	24.64 219	P	07 14 30.6 -0.3	P
CAN	Canberra	24.64 219	P	07 14 29.1 -1.5	P
CAN	Canberra	24.64 219	P	07 14 27.8 -3.1	P
CAN	Canberra	24.64 219	P	07 14 32.0 +1.1	P
CAN	Canberra	24.64 219	P	07 14 28.0 -2.9	P
CAN	Canberra	24.64 219	IAMS_20	07 22 34.9	IAMS_20
CAN	Canberra	24.64 219	P	07 14 33.3 +2.4	P
CAN	Canberra	24.64 219	p	07 14 34.9 +0.8	p
CAN	Canberra	24.64 219	P	07 14 31.8 +0.9	P
CAN	Canberra	24.64 219	P	07 14 30.6 -0.3	P
CAN	Canberra	24.64 219	P	07 14 29.1 -1.5	P
CAN	Canberra	24.64 219	P	07 14 27.8 -3.1	P
CAN	Canberra	24.64 219	P	07 14 32.0 +1.1	P
CAN	Canberra	24.64 219	P	07 14 28.0 -2.9	P
CAN	Canberra	24.64 219	IAMS_20	07 22 34.9	IAMS_20
CAN	Canberra	24.64 219	P	07 14 33.3 +2.4	P
CAN	Canberra	24.64 219	p	07 14 34.9 +0.8	p
CAN	Canberra	24.64 219	P	07 14 31.8 +0.9	P
CAN	Canberra	24.64 219	P	07 14 30.6 -0.3	P
CAN	Canberra	24.64 219	P	07 14 29.1 -1.5	P
CAN	Canberra	24.64 219	P	07 14 27.8 -3.1	P
CAN	Canberra	24.64 219	P	07 14 32.0 +1.1	P
CAN	Canberra	24.64 219	P	07 14 28.0 -2.9	P
CAN	Canberra	24.64 219	IAMS_20	07 22 34.9	IAMS_20
CAN	Canberra	24.64 219	P	07 14 33.3 +2.4	P
CAN	Canberra	24.64 219	p	07 14 34.9 +0.8	p
CAN	Canberra	24.64 219	P	07 14 31.8 +0.9	P
CAN	Canberra	24.64 219	P	07 14 30.6 -0.3	P
CAN	Canberra	24.64 219	P	07 14 29.1 -1.5	P
CAN	Canberra	24.64 219	P	07 14 27.8 -3.1	P
CAN	Canberra	24.64 219	P	07 14 32.0 +1.1	P
CAN	Canberra	24.64 219	P	07 14 28.0 -2.9	P
CAN	Canberra	24.64 219	IAMS_20	07 22 34.9	IAMS_20
CAN	Canberra	24.64 219	P	07 14 33.3 +2.4	P

27d 7h

Table with columns for station name, frequency, power, and signal strength. Includes stations like KAPI Kappang, MORW Morawa, MUN Mundaring, etc.

2020 MAY

Table with columns for station name, frequency, power, and signal strength. Includes stations like SBA Scott Base, YULB Yu-li, TPUB Ta-pu, etc.

1754

Table with columns for station name, frequency, power, and signal strength. Includes stations like NJ2, BKNI Bangkinang, HHU Hamhung, etc.

Table with columns for station ID, name, coordinates, and various performance metrics (e.g., SNR, error rates).

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27d 7h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ADZR, KEV, SDV, SUMG, etc.

2020 MAY

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MNK, MNR, MNL, etc.

1758

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KRUC, MODS, PRU, etc.

27d 7h

Table of seismic data for 27d 7h, listing stations like La Plagne, Hautdompre, Cimolais, etc., with columns for station name, time, and magnitude.

GCG 27 07:16:11.7.2.2, 15.54N, 92.03W, h162km, 17km, MD4.1, MW2.8, Presumed earthquake

MEX 27 07:16:12.6.0.16, 15.47N, 92.17W, h171km, 5km, MD4.2, Presumed earthquake

Table of seismic data for Mexico-Guatemala border region, listing stations like Pavencul, El Naranjo, Union Juarez, etc.

2020 MAY

Main table of seismic data for May 2020, listing stations like JAUU, MARNC, KOUNC, etc., with columns for station name, time, and magnitude.

1760

Table of seismic data for Mercadel, EI H, TANT, etc., with columns for station name, time, and magnitude.

IDC 27 07:29:31.3.395.0, 67.42N, 39.45E, h0km, Error ellipse: s-maj=185.0km s-min=122.5km az=93.0, Baltic States-Belarus-Northwestern Russia

Table of seismic data for stations like I37NO, I43RU, I18DK, with columns for station name, time, and magnitude.

MAN 27 07:33:05.0, 6.11N, 126.53E, h63km, MS3.8, MAN INTENSITY - GOVERNOR GENEROSO DAVAO ORIENTAL INTSRUMENTAL INTENSITIES: .

DJA 27 07:33:06.4, 0.3, 6.12N, 126.53E, h10km, M4.9/15, mb5.9/1, mb4.9/12, MLv4.8/15, Mw(m)5.5/1

IDC 27 07:33:06.6, 1.8, 6.12N, 126.49E, h91km, 15km, mb3.7/12, mb1mp4.1/13, Error ellipse: s-maj=43.8km s-min=11.4km az=71.0

NEIC 27 07:33:07.7, 1.8, 6.11N, 126.53E, h84km, 2km, mb4.5/18, Error ellipse: s-maj=22.0km s-min=8.4km az=62.0

ISC 27 07:33:07.0, 8.6, 10N, 126.45E, h91km, 8km, n65, c171/78, mb4.2/20, Mindanao

Table of seismic data for stations like Don Marcelino, DAVAO City, DAVAO City (W), etc., with columns for station name, time, and magnitude.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H1N3 WAKE ISLAND HY, ARMA Armidale, CAN Canberra, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKTO Aktubinsk, BELG Belogoroye, AAK Ala-Archa, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BYJI Banyuwangi, BLJI Banyuglugur, JAGI Jajag Banyuwangi, etc.

IDC 27 07:35:39.2, 3.5, 53.57N:87.45E, h0km, mbtmp2.6/2, ML2.3/2, Error ellipse: s-maj=33.1km s-min=17.5km az=57.0

ASRS 27 07:35:35.0, 0.7, 53.53N:87.48E, h0km, M2.4(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. Southwestern Siberia

BUI 27 07:46:48.5, 4.63N:125.52E, h188km, mB5.2/2, mb4.7/51 DJA 27 07:46:52.5, 0.3, 5.1N:121.19E, h177km, 2km, M5.5/122, TSZ 27 07:46:59.12, mB5.9/32, ML3.5, 7.16, Mw(mB)5.4/32, IDC 27 07:46:54.0, 0.7, 5.06N:125.29E, h196km, 5km, mb4.2/33, mbtmp4.8/38, Error ellipse: s-maj=11.2km s-min=6.6km az=83.0

NEIC 27 07:46:53.5, 2.5, 5.01N:105.125, 39E:0.07, h185km, 5km, mb4.6/175, Error ellipse: s-maj=10.7km s-min=7.7km az=78.0

MAN 27 07:46:54.0, 5.11N:125.37E, h180km, MS4.8 ISC 27 07:46:53.7, 0.5, 5.04N:103.125, 38E:0.04, h194km, 4km, m59.1, 1152/561, mb4.6/170, 1C, Mindanao

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DDMP Don Marcelino, GSPH General Santos, GSPH Sangihe, etc.

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

AZER 27 07:39:05.3, 38.85N:48.67E, h10km, m13.6 TEH 27 07:39:06.3, 38.74N:48.66E, h28km, 14km, ML3.5, Presumed earthquake

IDC 27 07:39:07.6, 1.6, 39.35N:48.94E, h0km, mb3.8/6, mbtmp3.9/11, ML3.7/4, Error ellipse: s-maj=32.3km s-min=10.1km az=179.0

ISC 27 07:39:06.5, 0.8, 38.77N:0.03, h30km, 5km, m58.8, 1141/84, mb3.8/5, 2C-1D, Iran-Armenia-Azerbaijan border region

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

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

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LKRN Lenkeran, AZER, ASTR Astara, LRK Lerik, YRD Yardimli, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZCP Zamboanga City, GAMI Galea, Maluku, DCPH Dipolog City, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MANU Manus Island, MDSI Maura, KASI Kota Agung, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LLL Llapu-Lapu, TOLL Tolitoli, TOLL Tolitoli, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LWLI Lwila, MNAI Manna, KSI Kapahiang, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCI Palu, PCI Sorong, SIJI Sorong, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WNSI Mandailing Nat, WRAB Warramunga Arr, WRAB Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRAI Karang Ratu, MSAI Masohi, AAI Ambon, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LOP Lukban, TGY Tagaytay City, MMSI Mamuju, etc.

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

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

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

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

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

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

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

ASAR	comp=Z,1.7nm,0.6s,baz=325,slow=12,SNR=6.5	S	S	07 57 21.4	-2.3	
ASAR	comp=Z,1.7nm,0.6s,baz=325,slow=12,SNR=6.5	ScP	ScP	07 59 04.5	-0.4	
ASAR	comp=Z,7.4nm,0.9s,baz=347,slow=3.0,SNR=17	P	P	07 52 41.3	-0.6	
AS01	Alice Springs	29.73 164	P	P	07 52 42.7	+0.7
AS17	Alice Springs	29.74 164	P	P	07 52 42.5	+0.4
AS09	Alice Springs	29.76 164	P	P	07 52 42.6	+0.4
BSI	Banda Aceh	29.96 272	P	P	07 52 43.6	-0.6
WRKA	Warakuna	30.03 175	P	P	07 52 45.4	+0.7
PZH	PanZhiHua	31.07 316	P	P	07 52 55.3	+1.3
MEEK	Meeekatharra	32.16 191	P	P	07 53 03.0	-0.3
MEEK	Meeekatharra	32.16 191	P	P	07 53 03.6	+0.3
CTA	Charters Tower	32.32 141	P	P	07 53 06.6	+1.8
CTAO	Charters Tower	32.32 141	P	P	07 53 05.4	+0.7
KRSR	Korea Array	32.35 4	P	P	07 53 05.2	+0.4
KRSR	Korea Array	32.35 4	P	P	07 55 48.0	+0.1
JGF	Kuroka	32.36 18	Iamb	Iamb	07 53 07.1	
XAN	Xi'an	32.66 334	P	P	07 53 07.5	-0.1
CD2	Chengdu	32.80 324	eP	eP	07 53 10.0	+1.1
MJAR	Matsushiro Arr	33.49 19	P	P	07 53 14.0	-0.8
MJAR	Matsushiro Arr	33.49 19	P	P	07 59 17.1	-0.4
MJAR	Matsushiro Arr	33.49 19	P	P	07 53 14.3	-0.5
MAJO	Matsushiro	33.50 19	P	P	07 53 13.9	-0.8
MJB9	Matsu-Tunnel	33.50 19	Iamb	Iamb	07 53 15.2	
HNS	HongShan	33.66 345	↑P	↑P	07 53 16.0	-0.1
HNS	HongShan	33.66 345	pP	pP	07 53 53.0	-3.3
MORW	Morawa	35.08 194	P	P	07 53 27.7	-0.8
MORW	Morawa	35.08 194	P	P	07 53 28.1	-0.3
FORT	Forrest	35.71 176	P	P	07 53 34.2	+0.5
KMBL	Kambalda	36.35 185	P	P	07 53 39.4	+0.1
QLP	Quilpie	36.35 151	P	P	07 53 39.7	+0.4
QLP	Quilpie	36.35 151	P	P	07 53 40.4	+1.1
BLDU	Ballidu	36.41 193	P	P	07 53 39.5	-0.2
BLDU	Lanzhou Array	36.41 193	P	P	07 53 40.0	+0.3
LZHM	Lanzhou	36.70 330	eP	eP	07 53 42.8	+0.5
LZH	Lanzhou	36.70 330	pmax	pmax	07 53 43.8	+1.4
HHC	Hu-ho-hao-te	37.75 343	eP	eP	07 53 52.5	+1.4
MUN	Mundaring	37.83 193	P	P	07 53 52.0	+0.3
MUN	Mundaring	37.83 193	P	P	07 53 51.9	+0.2
JTM	Temabayahashi	38.28 19	P	P	07 53 56.6	+1.3
NWAO	Narrogin (SRO)	38.54 191	P	P	07 53 58.3	+0.7
NWAO	Narrogin (SRO)	38.54 191	P	P	07 53 58.3	+0.7
NWAO	Narrogin (SRO)	38.54 191	P	P	07 53 58.0	+0.4
NWAO	Narrogin (SRO)	38.54 191	P	P	07 53 58.2	+0.6
NWAO	Narrogin (SRO)	38.54 191	P	P	07 54 02.3	+1.0
BBOO	Buckleboo	39.88 166	P	P	07 54 02.1	+0.8
USRK	Ussuriysk Ar.	39.94 7	P	P	07 54 06.1	+1.2
MDJ	Mudanjiang	39.59 5	P	P	07 54 07.5	+1.3
STKA	Stevens Creek	39.83 158	P	P	07 54 09.1	+0.8
STKA	Stevens Creek	39.83 158	P	P	07 56 10.5	+0.1
STKA	Stevens Creek	39.83 158	P	P	07 59 56.7	-1.5
JEM	Ermo	40.09 21	P	P	07 54 11.8	+1.5
RKGY	Rocky Gully	40.22 191	P	P	07 54 13.3	+1.8
HTT	Hallett	40.35 162	P	P	07 54 14.5	+1.8
HTT	Hallett	40.35 162	P	P	07 54 14.3	+1.6
CMSA	Cobar Meteorol	41.21 153	P	P	07 54 21.0	+1.3
CMSA	Cobar Meteorol	41.21 153	P	P	07 54 20.9	+1.3
GT2A	Gaotai	41.38 330	eP	eP	07 54 21.5	+0.4
GT2A	Gaotai	41.38 330	pP	pP	07 55 03.5	+0.6
JKA	Kamikawa-asahi	41.77 19	P	P	07 54 25.0	+1.0
H11N1	WAKE ISLAND Hy	42.95 66	T	T	08 40 43.3	
H11N2	WAKE ISLAND Hy	42.95 66	T	T	08 40 45.3	
H11N3	WAKE ISLAND Hy	42.95 66	T	T	08 40 45.9	
EVN	Everest	43.13 306	P	P	07 54 36.3	+0.2
ARMA	Armidale	43.29 146	P	P	07 54 38.4	+1.8
ARPS	Mount Arapiles	44.34 161	P	P	07 54 46.4	+1.7
HILR	Hailar Array B	44.62 355	P	P	07 54 47.0	+0.3
YNG	Young	44.76 153	P	P	07 54 50.2	+2.2
HEH	Heihe	45.09 2	eP	eP	07 54 51.0	+0.6
SONM	Songino Array	45.64 342	P	P	07 54 54.8	-0.2
SONM	Songino Array	45.64 342	P	P	07 56 29.5	-0.3
SONM	Songino Array	45.64 342	P	P	08 00 02.9	-1.6
SONM	Songino Array	45.64 342	P	P	07 54 54.8	-0.2
SONM	Songino Array	45.64 342	P	P	07 56 29.5	-0.3
CAN	Canberra	45.88 153	P	P	07 54 59.4	+2.5
CAN	Canberra	45.88 153	P	P	07 54 58.3	+1.4
CAN	Canberra	45.88 153	P	P	07 55 08.5	+1.6
TOO	Toolangi	46.34 158	P	P	07 55 01.4	+0.9
TOO	Toolangi	46.34 158	P	P	07 55 01.3	+0.9
GLAD	Gladstone	50.27 158	P	P	07 55 31.6	+1.2
WMQ	Urumqi	50.89 325	eP	eP	07 55 36.0	+0.9
WUS	Wushi	54.70 318	Iamb	Iamb	07 56 05.2	
PETK	Petrovavlovsk	54.75 23	P	P	07 56 04.2	+1.1
PETK	Petrovavlovsk	54.75 23	P	P	07 56 03.2	+0.1

MKAR	Makanchi Array	55.72 325	P	P	07 56 10.0	-0.2
MKAR	Makanchi Array	55.72 325	P	P	07 57 05.3	-1.8
MKAR	Makanchi Array	55.72 325	P	P	08 00 44.9	-2.8
MKAR	Makanchi Array	55.72 325	P	P	08 03 36.0	-5.5
MKAR	Makanchi Array	55.72 325	P	P	07 56 09.8	-0.4
TARG	Taragay, Kyrgy	55.88 318	Iamb	Iamb	07 56 11.7	-0.2
MAK2	Makanchi	55.91 325	P	P	07 56 11.4	-0.1
KSH2	Kashi	56.31 314	pmax	pmax	07 56 15.3	+0.6
KDJ	Kajisay	56.48 318	Iamb	Iamb	07 56 17.7	
TKM2	Tokmak 2	57.88 319	P	P	07 56 26.7	+1.0
KBK	Karagaybulak	58.20 318	P	P	07 56 29.2	+1.3
UCH	Uchtor	58.30 317	P	P	07 56 29.9	+0.9
USP	Ospenovka	58.75 318	P	P	07 56 32.4	+0.8
ZALV	Zalesovo Beam	58.82 333	P	P	07 56 30.4	-1.3
EKS2	Erkin-Say	58.98 318	P	P	07 56 34.5	+1.3
KBK	Kabul	59.66 307	P	P	07 56 37.3	-0.8
KURB	Kurchatov Arr	59.92 328	P	P	07 56 38.4	-0.8
KURK	Kurchatov	59.92 328	P	P	07 56 38.6	-0.7
GAR	Garm	60.05 313	P	P	07 56 40.3	-0.3
KK31	Karatay Array	61.36 317	Iamb	Iamb	07 56 48.9	+0.3
KK31	Karatay Array	61.36 317	Iamb	Iamb	07 56 50.3	
KKAR	Karatai Array	61.36 317	P	P	07 56 48.7	-0.5
JCZ	Jackson Bay	62.54 146	P	P	07 56 58.0	+0.9
LBZ	Lake Benmore	63.52 146	P	P	07 57 04.5	+1.2
TWZ	Tuarina	64.01 141	P	P	07 57 08.4	+1.8
KHU	Kahutara	64.31 142	P	P	07 57 09.5	+0.9
URZ	Urewera	64.41 137	P	P	07 57 10.3	+1.0
SNZO	South Karori	64.42 141	P	P	07 57 10.0	+0.7
BKZ	Black Stump Fm	64.45 138	P	P	07 57 10.7	+1.1
BKZ	Black Stump Fm	64.45 138	P	P	07 57 09.8	+0.2
RTZ	Rustiana	64.50 137	P	P	07 57 10.9	+0.9
BVAR	Borovoye Array	65.50 327	P	P	07 57 15.9	-0.2
ATKA	Atka Island	68.20 35	P	P	07 57 34.5	+1.4
NRIK	Noril'sk	68.85 347	P	P	07 57 36.8	0.0
NRIK	Noril'sk	68.85 347	P	P	07 57 36.9	0.0
NRIK	Noril'sk	68.85 347	Iamb	Iamb	07 57 37.5	
AB31	Abkulaq array	70.29 321	Iamb	Iamb	07 57 46.9	
AB31	Abkulaq array	70.29 321	P	P	07 57 45.6	-0.5
AB31	Saint Paul Isl	72.07 31	P	P	07 57 58.4	+1.8
SPIA	Saint Paul Isl	72.07 31	P	P	07 57 58.4	+1.8
UNV	Unalaska Valle	73.13 35	P	P	07 58 04.4	+1.6
UNV	Unalaska Valle	73.13 35	P	P	07 58 04.6	+1.8
ARTI	Arti	73.20 328	P	P	07 58 02.1	-1.1
GAMB	Gambell	73.76 24	P	P	07 58 08.4	+2.0
M11K	Mekoryuk	75.07 29	P	P	07 58 15.5	+1.6
FALS	False Pass	75.12 34	P	P	07 58 15.8	+1.4
TNA	Tin City	75.92 23	P	P	07 58 20.8	+2.1
K13K	Kusilvik Mount	76.22 27	P	P	07 58 22.4	+2.0
M13K	Dall Lake	76.44 29	P	P	07 58 23.2	+1.5
F14K	Arctic Creek	76.52 24	P	P	07 58 24.2	+2.0
ANM	Nome	76.64 25	P	P	07 58 25.0	+2.2
SDPT	Sand Point	76.88 34	P	P	07 58 25.4	+1.1
SDPT	Sand Point	76.88 34	P	P	07 58 26.0	+1.7
L14K	Kuka Creek	76.98 28	P	P	07 58 26.3	+1.6
L14K	Kuka Creek	76.98 28	P	P	07 58 26.5	+1.8
N14K	Kuskokwak Cree	77.14 30	P	P	07 58 27.2	+1.6
M14K	Bethel	77.19 29	P	P	07 58 27.7	+1.9
M14K	Bethel	77.19 29	P	P	07 58 27.7	+1.9
O14K	Tigulkuiviet M	77.21 30	P	P	07 58 28.2	+2.1
F15K	North Star Dit	77.26 23	P	P	07 58 28.2	+2.0
CHNA	Chernabura Isl	77.29 35	P	P	07 58 28.2	+1.6
CHNA	Chernabura Isl	77.29 35	P	P	07 58 27.8	+1.3
G15K	Niukluk	77.31 24	P	P	07 58 28.3	+1.8
S14K	Fog Glacier	77.55 33	P	P	07 58 29.5	+1.3
L15K	Ungalak Mounta	77.61 28	P	P	07 58 29.5	+1.3
K15K	Wolf Creek Mou	77.73 27	P	P	07 58 30.5	+1.6
C16K	Lisburne Hills	77.75 21	P	P	07 58 30.5	+1.6
M15K	Kasigluk River	77.79 29	P	P	07 58 30.9	+1.7
O15K	Ungalikthiuk R	77.92 31	P	P	07 58 31.5	+1.5
H16K	Elim	77.96 25	P	P	07 58 31.8	+1.6
N15K	Kwethluk River	77.97 30	P	P	07 58 32.0	+1.7
POHA	Pohakuoloa	78.06 71	P	P	07 58 31.8	-0.1
G16K	Koyuk River	78.10 24	P	P	07 58 32.6	+1.8
CHGN	Chignik	78.18 34	P	P	07 58 32.9	+1.4
J16K	Anvik River	78.36 26	Iamb	Iamb	07 58 38.5	
J16K	Anvik River	78.36 26	P	P	07 58 34.2	+1.8
D17K	Noatak River	78.40 22	P	P	07 58 35.0	+2.5
L16K	Owl River	78.56 28	P	P	07 58 35.7	+2.2
C17K	DeLong Mountai	78.58 21	P	P	07 58 35.3	+1.9
N16K	Nishik Lake	78.68 29	P	P	07 58 36.0	+1.8
M16K	Timber Creek	78.68 29	Iamb	Iamb	07 58 37.9	
M16K	Timber Creek	78.68 29	P	P	07 58 36.4	+2.2
E17K	Hoatham Inlet	78.72 22	P	P	07 58 36.3	+2.1
RAYN	Rayn	78.73 293	P	P	07 58 34.4	-0.9
F17K	Baldwin Pennin	78.79 23	P	P	07 58 36.8	+2.2
G17K	Kiwalik Mounta	78.81 24	P	P	07 58 37.1	+2.3
P16K	Nushagak River	78.83 31	P	P	07 58 36.9	+2.0
O16K	Kokwok River B	78.86 30	Iamb	Iamb	07 58 38.2	
O16K	Kokwok River B	78.86 30	P	P	07 58 37.0	+1.9
H17K	Granite Mounta	79.00 25	P	P	07 58 38.0	+2.1
J17K	VABM Dome	79.06 26	P	P	07 58 38.3	+2.1
L17K	Donlin	79.19 28	P	P	07 58 39.0	+2.1

E18K	Tukpahleirik C	79.26 22	Iamb	Iamb	07 58 51.4	
E18K	Tukpahleirik C	79.26 22	P	P	07 58 39.1	+2.0
K17K	Iditarod	79.28 27	Iamb	Iamb	07 58 41.6	
K17K	Iditarod	79.28 27	P	P	07 58 39.8	+2.4
C18K	Utukok River	79.33 21	P	P	07 58 39.1	+1.5
O17K	Koliganek Bris	79.39 30	P	P	07 58 39.9	+1.9

27d 8h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like NADR, ECPR, SJG, etc.

IDC 27 07:58:58.0±3.4, 17.35S:167.55E, h0km, mb4.0/4, mbmp3.9/5, Error ellipse: s-maj=61.9km s-min=36.4km az=51.0

NEIC 27 07:58:59.5±1.3, 17.4S:0.1x167.67E:0.05, h10km±2km, mb4.0/7, Error ellipse: s-maj=19.0km s-min=7.4km az=344.0

ISC 27 07:59:00.2±1.7, 17.4S:0.1x167.7E:0.2, h19km, n16, ±0.81/17, mb4.0/8, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MARNC, KOUNC, DZM, etc.

IDC 27 07:59:59.1±3.5, 17.32S:167.70E, h0km, mb4.2/4, mbmp4.1/5, ML3.8/1, Error ellipse: s-maj=62.5km s-min=37.7km az=53.0

NEIC 27 07:59:59.8±0.9, 17.5S:0.1x167.9E:0.1, h10km±2km, mb4.4/7, Error ellipse: s-maj=20.3km s-min=16.4km az=339.0

ISC 27 07:59:58.9±1.8, 17.3S:0.1x167.9E:0.2, h10km, n17, ±1.18/17, mb4.3/8, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MARNC, KOUNC, DZM, etc.

SJA 27 08:03:12.0±0.7, 31.49S:72.45W, h11km, ML4.1, MW4.2, IDC 27 08:03:12.0±0.9, 31.54S:72.18W, h0km, mb4.0/4, mbmp3.8/8, ML3.8/4, Error ellipse: s-maj=30.8km s-min=23.6km az=116.0

GUC 27 08:03:16.9±0.7, 31.54S:72.25W, h33km±2km, ML4.0, NEIC 27 08:03:17.1±1.9, 31.55S:0.04x72.24W:0.10, h10km±1km, mb4.4/8, ML4.0(GUC), Error ellipse: s-maj=14.1km s-min=7.2km az=277.0

ISC 27 08:03:17.2±2.7, 31.51S:0.03x72.24W:0.05, h15km±17km, n104, ±1.95/113, mb4.4/7, 5C-1D, Off coast of central Chile

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

2020 MAY

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CO03, CO03, CO03, etc.

CO03 comp=Z,3um,0.6s El Pedregal 1.49 64j eP Pn 08 04 13.6

CO03 comp=N,5um,0.3s VA01 Torpederas 1.59 162 eP Pn 08 03 43.8 -1.1

CO03 comp=N,1um,0.5s CO05 La Serena 1.80 29 jP Pn 08 03 48.0 +0.2

CO03 comp=E,3um,0.5s GO04 Tololo Observa 1.82 43 eP Pn 08 03 49.3 +1.1

CO03 comp=Z,7um,2.1s VA03 San Esteban 1.90 132 eP Pn 08 03 48.8 -0.4

CO03 comp=Z,578nm,0.7s MT02 Curacav 1.98 152j eP Pn 08 03 49.4 -0.8

CO03 comp=N,1um,0.4s MT16 CCHEN 2.40 143 eP Pn 08 03 56.0 -0.1

CO03 comp=N,1um,0.3s MT01 Popeta 2.49 161 eP Pn 08 03 55.1 -1.2

CO03 comp=N,1um,0.7s MT08 Bocatoma Ro 2.70 136 eP Pn 08 04 01.4 +1.1

CO03 comp=N,756nm,0.6s MT04 Ro Olivares 2.60 137 eP Pn 08 03 59.1 +0.2

CO03 comp=N,1um,0.7s MT12 Pirque 2.64 148 eP Pn 08 03 59.3 -0.1

CO03 comp=N,531nm,0.5s AR0D Pico 2.73 61 eP Pn 08 04 04.0 -2.0

CO03 comp=E,442nm,0.7s BO04 Cerro Colorado 2.88 72 eP Pn 08 04 07.6 -0.9

CO03 comp=E,264nm,0.9s ZON Zonda 3.04 92 Pn 08 04 08.9 -2.2

CO03 comp=E,19nm,0.3s, baz=187,slow=17,SNR=4.5 CFA Coronel Fontan 3.42 93 eP Pn 08 04 13.0 +3.0

CO03 comp=Z,3um,0.8s MT15 Las Vizcachas 2.55 145 eP Pn 08 04 50.4 +0.3

CO03 comp=Z,2.3nm,1.1s QSPA South Pole Qui 58.72 180 P P 08 13 15.2 +1.0

CO03 comp=Z,2.3nm,1.1s QSPA South Pole Qui 58.72 180 P P 08 13 15.2 +1.0

CO03 comp=Z,2.3nm,1.1s QSPA South Pole Qui 58.72 180 P P 08 13 15.2 +1.0

CO03 comp=Z,2.3nm,1.1s QSPA South Pole Qui 58.72 180 P P 08 13 15.2 +1.0

1764

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TXAR, TORD, BVAR, etc.

IDC 27 08:05:42.6±3.3, 37.40N:69.50E, h0km, mb3.7/4, mbmp3.8/10, ML3.4/6, Error ellipse: s-maj=51.6km s-min=19.0km az=164.0

NINC 27 08:05:14.2±3.3, 38.12N:69.42E, h18km±9km, mb4.2, mpv3.8, Error ellipse: s-maj=23.2km s-min=21.5km az=36.0

ISC 27 08:05:07.2±1.8, 37.8N:0.1x69.4E:0.1, h12km, n23, ±2.95/27, mb3.4/3, 6C-1D, Afghanistan-Tajikistan border region

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

IDC 27 08:05:47.6±0.5, 17.11S:167.88E, h0km, mb4.4/22, mbmp4.5/24, ML4.5/2, MS4.6/29, Error ellipse: s-maj=17.8km s-min=14.4km az=105.0

MOS 27 08:05:48.4±1.0, 17.06S:167.78E, h15km, mb5.1/23, Error ellipse: s-maj=10.8km s-min=8.8km az=9.9

NEIC 27 08:05:51.3±2.1, 17.18S:0.08x167.68E:0.08, h10km±1km, mb5.0/99, Error ellipse: s-maj=14.3km s-min=11.9km az=146.0

BUI 27 08:05:52.8, 16.85S:167.15E, h9km, mb4.7/35, Ms5.3/3, Ms7.5/04

NOU 27 08:05:53.0, 17.24S:167.91E, h23km, mb5.0/61, Vanuatu Islands

GCMT 27 08:05:53.3±0.2, 17.12S:0.02x167.79E:0.02, h18km±1km, MW5.3/88, Moment Tensor Solution, s26.c33; s88.c136; Duration: 1s1 Moment tensor: Scale 10^17Nm

ISC 27 05:51.8±0.3, 17.13S:0.04x167.82E:0.05, h21km, n353, ±1.89/303, mb5.0/116, MS4.7/28, 2C-3D, Vanuatu Islands

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

Table with columns: Station Name, Frequency, Mode, Power, and other details. Includes stations like NOUC, ONTNC, MAJJO, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other details. Includes stations like TMWZ, MSWZ, PAWZ, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other details. Includes stations like MJAR, MAJO, DBJI, etc.

Table with columns: SEY, comp, max, pmax, LR, LR, 08 48 17.3, etc. Includes stations like Kodak Island, Belgraj 175, ULN Ulanbaatar, etc.

Table with columns: KOUNC, Koumang, New Ca, 4.97 225, Ph, Pn, 08 09 17.1 -0.2, etc. Includes stations like DZM Mont Dzumac, ONTNC Ouen Toro, etc.

Table with columns: AKASG, 3.1nm, 0.3s, baz=15, slow=23, SNR=2.1, Sn, Sn, 09 02 00.1 0.0, etc. Includes stations like AKASG, FINES FINESS Array B, etc.

IDC 27 08:08:00.8:1.3, 1.6:88S; 168:00E, h0km, mb4.2/9, mbtmp4.3/10, ML4.5/1, Error ellipse: s-maj=35.6km s-min=27.4km az=118.0, NEIC 27 08:08:03.8:1.9, 1.7:1S; 0.1:168:0E:0.1, h10km, 2km, mb4.5/10, Error ellipse: s-maj=21.1km s-min=18.8km az=95.0, ISC 27 08:03:09.0:17.04S:0.09:168:0E:0.1, h21km, n24, a1503/27, mb4.4/9, Vanuatu Islands

IDC 27 08:21:53.0:3.2, 17:29Sx167:54E, h0km, mb3.9/4, mbtmp3.8/5, ML3.2/1, Error ellipse: s-maj=60.3km s-min=36.5km az=48.0, Vanuatu Islands

IDC 27 09:05:11.9:3.3, 53:49N; 88:26E, h0km, mbtmp2.5/3, ML2.1/3, Error ellipse: s-maj=29.8km s-min=19.6km az=60.0, ASRS 27 09:05:11.0:1.0, 9:53:67N; 87:88E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, Res, Pn, Pmax, and various station identifiers like AKTO, KK31, BELG, etc.

IDC 27 09:18:13.2±1.4, 17.31S; 167.68E, h0km, mb4.1/7, mbmp4.1/7, Error ellipse: s-maj=31.6km s-min=31.3km az=162.0

NEIC 27 09:18:14.9±1.2, 17.4S; 0.1±167.80E±0.08, h10km, 1km, mb4.4/11, Error ellipse: s-maj=22.5km s-min=10.9km az=22.0

NOU 27 09:18:14.8±1.7, 17.34S; 167.89E, h10km, MLv4.4/10, Vanuatu Islands

ISC 27 09:18:16.6±0.9, 17.42S; 0.10±167.83E±0.09, h27km, n34, ±1919/35, mb4.2/11, Vanuatu Islands

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, Res, Pn, Pmax, and various station identifiers like DVP, RTV, MARNC, etc.

BJI 27 09:19:49.4, 24.73N; 125.57E, h65km, mb5.0/25, mb4.9/81, ML4.7/8, Ms4.5/78, Ms7.4/476

JMA 27 09:19:50.9±0.1, 24.9N; 0.7±125.4E±0.6, h51km, MD5.2/11, MW5.0/11, NEAR MIYAKOJIMA ISLAND

JMA Felt J1 at NEAR MIYAKOJIMA ISLAND. IDC 27 09:19:50.9±0.2, 24.93N; 125.30E, h38km, 17km, mb4.8/39, mbmp5.0/45, ML4.2/6, MS4.3/49, Error ellipse: s-maj=12.4km s-min=8.4km az=81.0

NIED 27 09:19:50.9, 24.85N; 125.41E, h51km, MW5.1, Moment Tensor Solution, s3 Moment tensor: Scale 10^19Nm; Mn:2.8; Mw:1.54; Mw-0.74; Mn3.72; Mw-1.34; Mw:2.50; Fault plane solution: Ms5.09000x10^16 NP1: 6±230.00000; 3.14.00000; 1.84.00000; NP2: 56.00000; 3.76.00000; 1.91.00000

MOS 27 09:19:51.3±1.1, 24.94N; 125.35E, h55km, mb5.6/74, MS4.6/12, Error ellipse: s-maj=6.1km s-min=3.6km az=116.8

NEIC 27 09:19:51.2±1.4, 24.85N; 0.08±125.41E±0.07, h39km, 6km, mb5.3/353, Error ellipse: s-maj=11.5km s-min=8.1km az=153.0

BGR 27 09:19:55.7, 24.95N; 124.02E, h33km, mb5.7, Ms4.8

ISC 27 09:19:51.8±0.4, 24.85N; 0.03±125.45E±0.03, h47km, 3km, h47km; p-P, n1172, ±1641/1082, mb5.3/338, MS4.5/69, 61C-36D, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, Res, Pn, Pmax, and various station identifiers like JOGS, GUSUKUBE, etc.

Main table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, Res, Pn, Pmax, and various station identifiers like JOGS, MIYAKOJIMA, etc.

JUNU Nakatsue 9.51 29 Pn Pn 09 22 07.3 ±1.2

HKPS Hong Kong Po S 10.69 258 Pn Pn 09 22 19.9 ±2.4

GTGY Tagaytay City 11.51 202 Pn Pn 09 22 33.0 ±0.6

GTGY Tagaytay City 11.51 202 Pn Pn 09 22 33.0 ±0.6

GTGY Tagaytay City 11.51 202 Pn Pn 09 22 33.0 ±0.6

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, Res, Pn, Pmax, and various station identifiers like INCN, INCHON, etc.

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, Res, Pn, Pmax, and various station identifiers like INCN, KSAR, etc.

DAV Davao City (W) 17.68 180 LR LR 09 31 15.0

CHANGCHUN Changchun 18.90 360 P S Pn 09 24 08.5 ±0.1

CHANGCHUN Changchun 18.90 360 P S Pn 09 24 08.5 ±0.1

CHANGCHUN Changchun 18.90 360 P S Pn 09 24 08.5 ±0.1

Table with columns: Code, Station Name, Az, El, Op, ISC, h, m, s, Res, Pn, Pmax, and various station identifiers like MDJ, MUDANJIANG, etc.

KSH2	KSH2		pP	pP	09 28 07.8	-0.7
KURK	Kurchatov	44.13 318	P	I	09 27 54.1	-1.4
KURK	KURK	comp-Z, 44nm, 1.1s	I	Amb	09 27 57.6	
KURK	Kurchatov	44.13 318	P	P	09 27 54.1	-1.4
KURK	KURK	comp-Z, 44nm, 1.2s	pmax	pmax		
KURK	Kurchatov	44.13 318	P	P	09 27 54.6	-0.9
BOOM	Boomskeye usch	44.14 306	P	P	09 27 55.0	-1.0
BOOM	Boomskeye usch	44.14 306	P	P	09 27 55.0	-1.0
BOOM	BOOM	comp-Z, 19nm, 1.2s	pmax	pmax		
KURBB	Kurchatov Arra	44.16 318	P	P	09 27 54.4	-1.4
KURBB	KURBB	comp-Z, 14nm, 0.8s	baz=108,slow=8.4,SNR=80	PP	09 29 37.6	-1.6
KURBB	KURBB	comp-Z, 7.6nm, 0.9s	baz=110,slow=10,SNR=5.4	LR	09 47 55.1	
KURBB	KURBB	comp-Z, 5.67nm, 18.0s	baz=144,slow=38	LR		
KURBB	Kurchatov Arra	44.16 318	P	P	09 27 53.8	-1.9
HYB	Hyderabad	44.19 270	eP	P	09 27 55.9	-0.6
HYB	Ala-Archa	45.14 306	eP	PP	09 28 12.9	+3.1
HYB	HYB	comp-Z, 4.4nm, 0.8s	eS	P	09 29 43.6	+0.6
HYB	HYB	comp-Z, 4.4nm, 0.8s	eS	P	09 29 43.6	+0.6
TKM2	Tokmak 2	44.45 307	P	P	09 27 58.6	+0.1
KBK	Karagaybulak	44.89 306	P	P	09 28 01.6	-0.4
CHMS	Chumysh	45.07 307	P	P	09 28 03.4	+0.2
FRU1	Bishkek	45.14 306	P	P	09 28 03.7	-0.1
FRU1	Bishkekov	45.14 306	P	P	09 28 03.7	-0.1
UCH	Uchto	45.16 306	P	P	09 28 05.2	+0.7
WB0	Warramunga Arr	45.20 168	P	P	09 28 04.5	+0.2
SGDS	Sogindy	45.22 307	eP	P	09 28 03.9	-0.6
AAK	Ala-Archa	45.22 306	LR	LR	09 49 47.2	
AAK	Ala-Archa	comp-Z, 159nm, 19.0s	baz=31,slow=40	P	09 28 04.4	+0.2
AAK	Ala-Archa	45.22 306	P	P	09 28 04.5	+0.2
AAK	Ala-Archa	45.22 306	P	P	09 28 03.6	-1.0
AAK	Ala-Archa	45.22 306	P	P	09 28 04.4	+0.2
AAK	Ala-Archa	45.22 306	eP	P	09 28 04.7	+0.1
AAK	AAK	comp-Z, 23nm, 1.3s	pmax	pmax		
AAK	Ala-Archa	45.22 306	P	P	09 28 04.5	-0.1
AAK	OSPENOVKA	45.29 307	P	P	09 28 04.6	-0.4
WRAB	Tennant Creek	45.35 168	P	P	09 28 06.1	+0.5
WRAB	Tennant Creek	45.35 168	P	P	09 28 05.1	-0.5
WRAB	Tennant Creek	45.35 168	eP	pmax	09 28 05.0	-0.6
WRAB	WRAB	comp-Z, 16nm, 1.0s	pmax	pmax		
WRA	Warramunga Arr	45.36 168	P	P	09 28 05.6	0.0
WRA	Warramunga Arr	comp-Z, 6.4nm, 0.8s	baz=346,slow=6.8,SNR=46	P		
WRA	Warramunga Arr	45.36 168	P	P	09 28 04.9	-0.7
WRA	Warramunga Arr	45.36 168	P	P	09 28 04.9	-0.7
WRA	WRA	comp-Z, 7.0nm, 1.0s	pmax	pmax		
WR8	Warramunga Arr	45.40 168	P	P	09 28 06.1	+0.2
EKS2	Erkin-Say	45.75 306	P	P	09 28 08.7	-0.1
SHEM	Shemya Is, Ala	45.83 40	P	P	09 28 09.3	+0.4
SHEM	SHEM	comp-Z, 30nm, 1.0s	baz=240,slow=3.0,SNR=4.4	P		
BTL5	Baital	45.85 309	eP	P	09 28 08.2	-1.1
BTL5	BTL5	comp-Z, 15nm, 1.1s	pmax	pmax		
BTL5	Baital	45.85 309	iP	P	09 28 09.0	-0.3
PALK	Pallekele	46.16 256	LR	LR	09 47 08.8	
PALK	Pallekele	comp-Z, 295nm, 21.9s	baz=13,slow=36	P	09 28 13.0	+0.8
PALK	Pallekele	46.16 256	P	S	09 34 57.5	+2.1
MTSU	Mount Surprise	46.52 155	P	P	09 28 15.9	+1.2
MTSU	Mount Surprise	46.52 155	P	P	09 28 15.7	+0.9
TIXI	Tiksi	46.87 1	P	P	09 28 15.2	-1.7
TIXI	Tiksi	comp-Z, 8.1nm, 0.5s	baz=165,slow=3.1,SNR=12	LR	09 49 30.3	
TIXI	Tiksi	comp-Z, 638nm, 18.7s	baz=237,slow=38	LR		
TIXI	Tiksi	comp-Z, 8.1nm, 0.5s	pmax	pmax	09 28 15.0	-1.9
TIXI	Tiksi	46.87 1	P	P	09 28 15.1	-1.7
TIXI	Tiksi	46.87 1	eP	pmax		
DRK	Karamyk	47.05 302	P	P	09 28 19.2	+0.1
DRK	DRK	comp-Z, 35nm, 1.0s	I	Amb	09 28 20.6	
DRK	Karamyk	47.05 302	P	P	09 28 19.2	+0.1
DRK	DRK	comp-Z, 35nm, 1.0s	pmax	pmax		
QIS	Mount Isa	47.19 162	P	P	09 28 20.5	+0.5
QIS	QIS	comp-Z, 113nm, 1.0s	pmax	pmax		
DZA	Taraz	47.56 306	eP	P	09 28 22.3	-0.5
DZA	DZA	comp-Z, 6.0nm, 0.4s	pmax	pmax		
DZA	Taraz	47.56 306	eP	P	09 28 22.3	-0.5
BTK	Batken	47.81 302	P	P	09 28 24.3	-0.6
BTK	Batken	47.81 302	P	P	09 28 24.3	-0.6
BTK	BTK	comp-Z, 14nm, 0.8s	pmax	pmax		
KK31	Karatay Array	48.18 306	P	P	09 28 26.6	-0.9
KK31	KK31	comp-Z, 33nm, 0.9s	P	P	09 29 54.3	0.0
KK31	Karatay Array	48.18 306	iP	P	09 28 26.8	-0.7
KKAR	Karatay Array	48.18 306	P	P	09 28 27.3	-0.2
KKAR	Karatay Array	48.18 306	P	P	09 28 27.3	-0.2
GAR	Garm	48.19 301	P	P	09 28 27.3	-0.5
BRLS	Boroday	48.67 306	eP	P	09 28 31.0	-0.3
BRLS	BRLS	comp-Z, 7.0nm, 1.1s	pmax	pmax		
BRLS	Boroday	48.67 306	eP	P	09 28 31.6	+0.3
CHM	Chimkent	48.80 305	eP	P	09 28 32.0	-0.4
CHM	CHM	comp-Z, 19nm, 0.7s	pmax	pmax		
CHM	Chimkent	48.80 305	eP	P	09 28 32.0	-0.4
AS15	Alice Springs	48.90 170	P	P	09 28 34.4	+1.2
AS31	Alice Springs	48.92 170	P	P	09 28 34.2	+0.8
AS31	Alice Springs	48.92 170	P	P	09 28 33.5	+0.1
AS31	AS31	comp-Z, 27nm, 1.3s	I	Amb	09 28 48.2	
ASAR	Alice Springs	48.92 170	P	P	09 28 34.0	+0.6
ASAR	ASAR	comp-Z, 2.4nm, 0.5s	baz=358,slow=7.7,SNR=70	PcP	09 29 57.5	+0.3
ASAR	ASAR	comp-Z, 4.6nm, 1.0s	baz=349,slow=3.9,SNR=1.3	P		
ASAR	Alice Springs	48.92 170	P	P	09 28 32.8	-0.6
AS01	Alice Springs	48.93 170	P	P	09 28 34.6	+1.2
AS17	Alice Springs	48.94 170	P	P	09 28 34.5	+1.0
AS09	Alice Springs	48.96 170	P	P	09 28 34.6	+1.0
CTA	Charters Tower	49.05 154	P	P	09 28 35.6	+1.3
CTA	Charters Tower	comp-Z, 2.0nm, 0.8s	baz=326,slow=12,SNR=4.3	P		
CTA	Charters Tower	49.05 154	P	P	09 28 35.9	+1.6
CHGR	Chuyangaron	49.10 300	P	P	09 28 34.3	-0.5
CHGR	Chuyangaron	49.10 300	iP	P	09 28 34.4	-0.4
CHGR	CHGR	comp-Z, 5.6nm, 0.7s	pmax	pmax		
KBL	Kabul	49.40 295	P	P	09 28 37.1	-0.1
KBL	Kabul	49.40 295	P	P	09 28 37.1	-0.1
KBL	KBL	comp-Z, 92nm, 1.1s	pmax	pmax		
KBL	Kabul	49.40 295	P	P	09 28 37.5	+0.3
BVAR	Borovoye Array	49.66 319	P	P	09 28 37.6	-1.1
BVAR	BVAR	comp-Z, 7.7nm, 0.4s	baz=96,slow=7.3,SNR=18	PcP	09 29 59.4	-0.1
BVAR	BVAR	comp-Z, 4.2nm, 0.6s	baz=129,slow=2.1,SNR=4.7	P		
BORK	Borovoye	49.70 319	P	P	09 28 37.9	-1.1
BORK	Borovoye	49.70 319	P	P	09 28 37.9	-1.1
BORK	BORK	comp-Z, 11nm, 0.7s	pmax	pmax		
BILL	Bilibino	49.77 19	P	P	09 28 39.5	+0.2

BILL	Bilibino	49.77	19	eP	P	09 28 39.5	+0.2
BILL	BILL	comp-Z, 6.3nm, 1.2s	pmax	pmax			
NR1K	Nori'sk	49.82 343	P	P	09 28 38.3	-1.3	
NR1K	NR1K	comp-Z, 8.7nm, 1.7s	pmax	pmax			
NR1K	NR1K	comp-Z, 3.8nm, 0.9s	baz=120,slow=8.6,SNR=46	PcP	09 29 59.8	+0.1	
NR1K	NR1K	comp-Z, 18nm, 0.6s	baz=114,slow=6.0,SNR=9.3	LR	09 52 05.2		
NR1K	NR1K	comp-Z, 5.23nm, 19.3s	baz=134,slow=39	LR			
NR1K	Nori'sk	49.82 343	P	I	09 28 38.4	-1.3	
NR1K	NR1K	comp-Z, 5.8nm, 1.1s	I	Amb	09 28 39.9		
NR1K	Nori'sk	49.82 343	iP	P	09 28 38.0	-1.6	
NR1K	NR1K	comp-Z, 5.5nm, 0.9s	pmax	pmax			
KIWB	Kanaga Island	50.84 42	P	I	09 28 46.9	-0.8	
KIWB	KIWB	comp-Z, 4.1nm, 0.9s	I	Amb	09 28 48.6		
ADK	Adak	51.13 42	P	P	09 28 50.1	+0.3	
ADK	ADK	51.13 42	P	P	09 28 50.1	+0.3	
ADK	ADK	comp-Z, 107nm, 1.7s	pmax	pmax			
AUNRC	North Rockhamp	53.74 151	P	P	09 29 10.1	+0.7	
QLP	Quilpie	54.26 159	P	P	09 29 12.9	-0.2	
INKA	Innamike	54.33 163	P	P	09 29 13.9	+0.3	
INKA	INKA	comp-Z, 18nm, 0.7s	I	Amb	09 29 29.0		
HRA	Herat	54.99 296	P	I	09 29 17.4	-1.5	
HRA	HRA	comp-Z, 7.7nm, 1.9s	I	Amb	09 29 20.1		
SPIA	Saiyid Isul	55.59 37	P	P	09 29 23.0	+0.6	
SPIA	SPIA	comp-Z, 107nm, 1.7s	pmax	pmax			
EIDS	Eidsvold	55.74 152	P	P	09 29 24.5	+0.6	
EIDS	Eidsvold	55.74 152	P	P	09 29 23.5	-0.4	
AB31	Abkulak array	55.77 314	iP	P	09 29 23.2	-0.7	
AB31	AB31	comp-Z, 4.1nm, 0.9s	I	Amb	09 29 25.1		
AB31	Abkulak array	55.77 314	iP	P	09 29 22.9	-1.0	
ABKAR	Abkulak array	55.77 314	iP	P	09 29 23.3	-0.6	
SVE	Sverdlouk	55.83 323	iP	P	09 29 24.0	-0.2	
SVE	SVE	comp-Z, 5.5nm, 0.9s	pmax	pmax			
GAMB	Gambell	56.04 28	P	P	09 29 25.6	+0.1	
KLBR	Kellerberrin	56.61 188	P	P	09 29 30.2	+0.3	
KLBR	KLBR	comp-Z, 106nm, 0.9s	pmax	pmax			
KLBR	Kellerberrin	56.61 188	P	P	09 29 30.7	+0.8	
AKTO	Aktjubsink	57.02 315	LR	LR	09 55 51.6		
AKTO	AKTO	comp-Z, 535nm, 19.0s	baz=57,slow=38	P	09 29 31.9	-0.9	
AKTO	Aktjubsink	57.02 315	LR	LR	09 55 33.3		
ARTI	Arti	57.02 322	LR	LR	09 55 33.3		
ARTI	Arti	comp-Z, 6.70nm, 21.6s	baz=59,slow=38	P	09 29 31.8	-0.9	
ARTI	Arti	57.02 322	iP	P	09 29 31.5	-1.2	
ARTI	ARTI	comp-Z, 3.3nm, 0.9s	pmax	pmax			
ARTI	ARTI	57.02 322	iP	P	09 37 22.4	-1.4	
ARTI	ARTI	57.02 322	iP	P	09 41 04.7	-7.8	
UNV	Unalaska Valley	57.45 41	P	P	09 29 35.5	-0.2	
UNV	UNV	comp-Z, 63					

27d 9h

Table with columns for station ID, name, elevation, and various status indicators. Includes stations like G21K Allakaket, O19K Port Alsworth, H21K Melozitna Rive, etc.

2020 MAY

Table with columns for station ID, name, elevation, and various status indicators. Includes stations like C26K Camden Bay, WAT6 Susitna Watana, E25K Arc Village, etc.

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Table with columns for station ID, name, elevation, and various status indicators. Includes stations like MCARA McCarthy VSAT, ERBR Yermizino-Bor, CRQM Cirque, etc.

Table of astronomical observations for 27d 9h, listing stations like GEC2, GERES, BOLA, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2020 MAY, listing stations like SSB, CMB, EGMT, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2020 MAY, listing stations like HDWS, TUZ, APZ, etc., with columns for station name, coordinates, and observation details.

s-min=34.1km az=61.0
NOU 27 09:58:46.7, 17:20S:167.70E, h0km, MLV4.4/8, Vanuatu Islands
NEIC 27 09:58:47.3, 0.8, 17.3S:0.1:167.6E:0.1, h10km, 1km, mb4.2/6, Error ellipse: s-maj=22.1km s-min=20.1km az=297.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MARNC Mare, Loyalty, KOUNC Koumac, etc.

NOU 27 10:03:34.0, 0.3, 4.0, 0.0, 3.4, 953N:20.005:28.141E:0.002, h0km, Mw3.4, confirmed
THE 27 10:03:39.8, 3.5, 15.8, 2.8, 8E:1.3, h3km, 9km, M2.777, MLH2.777

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like WBO Warramunga Arr, WRA Warramunga Arr, AS31 Alice Springs, etc.

IDC 27 10:00:34.0, 3.4, 0.3, 4.0, 64.68N:31.16E, h0km, mbm30.0/3, ML2.1/3, Error ellipse: s-maj=54.6km s-min=10.6km az=98.0
HEL 27 10:00:34.0, 4.0, 1.1, 64.66N:30.72E, h0km, ML1.8, Explosion

KOLA 27 10:00:36.5, 64.75N:30.89E, h0km, ML2.2, Error ellipse: s-maj=16.9km s-min=12.8km az=170.0, Kostomuksha, Karelia

ISC 27 10:00:34.0, 0.9, 64.70N:0.02:30.91E:0.04, h0km, n44, r184/65, Finland-Karelia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like RMF Romuvaara, KU1 Kurvinen, KU6 Rieki, etc.

OBFO Sumiainen 2.90 229 eP Sg Sb 10 02 00.0 +1.9
SUF Sumiainen 2.90 229 PG Pn 10 01 23.7 +2.3

APA0 Apatity Array 3.04 15 P Pn 10 01 24.9 +1.7
TOF Tornio 3.08 30 PG Pn 10 01 30.1 +0.5

VRF Varrio 3.11 351 SG Sb 10 02 06.3 -1.4
VRF Varrio 3.11 351 PG Pn 10 01 26.1 +1.9

VRF Varrio 3.11 351 SG Sb 10 02 06.4
VRF Varrio 3.11 351 SG Sb 10 02 10.2 +1.8

PAJU Pajala 3.96 310 PG Pn 10 01 45.0 +0.4
PAJU Pajala 3.96 310 SG Sb 10 02 34.0 +1.0

ERTU Ertsaerv 4.07 301 SG Sb 10 02 38.7 +2.8
BURU Burvik 4.10 273 PG Pn 10 01 36.8 -1.0

ARCES ARCESS Array B 5.29 339 Pn Pn 10 01 52.9 -1.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ARCES ARCESS Array B, HFS Haglors, VSDV Vaisvydzial, etc.

AFAD 27 10:03:23.9, 34.83N:26.97E, h7km, 6km, MW3.5
ISK 27 10:03:32.8, 35.14N:27.99E, h5km, ML3.2/10
ATH 27 10:03:35.4, 35.27N:28.06E, h15km, 6km, ML3.1/11

KARP Karpathos 0.79 300 P Pn 10 03 48.6 -0.7
KARP Karpathos 0.79 300 P Pn 10 04 01.2 +1.6

ARG Arkhangelos 1.06 6 Pn Pn 10 04 10.4 +0.7
ARG Arkhangelos 1.06 6 Pn Pn 10 03 56.1 +1.2

ZKR Zakros 1.46 269 Pn Pn 10 04 02.0 +1.6
ZKR Zakros 1.46 269 Pn Pn 10 04 03.9 +0.9

DAT Data 1.60 348 Pn Pn 10 04 23.4 -0.4
DAT Data 1.60 348 Pn Pn 10 04 03.9 +0.1

AKAS Kas 1.69 50 Pn Pn 10 04 04.8 -0.5
DALY Dalyan (Mula) 1.74 18 Pn Pn 10 04 05.5 -0.5

BDMR Kayabasi 1.96 347 Pn Pn 10 04 42.8 -1.0
BDMR Kayabasi 1.96 347 Pn Pn 10 04 43.9 -2.4

NPS Neapolis 1.96 274 Pn Pn 10 04 09.6 +2.3
NPS Neapolis 1.96 274 Pn Pn 10 04 08.9 +1.7

YER Yerkesik 1.99 7 Pn Pn 10 04 09.1 +1.2
YER Yerkesik 1.99 7 Pn Pn 10 04 08.5 +0.5

CAME Camel-Denizli 2.07 30 Pn Pn 10 04 10.1 -1.7
MLSB Milas 2.14 355 Pn Pn 10 04 11.1 -1.8

THEA Ancient Thera 2.38 301 Pn Pn 10 04 13.8 +0.7
THEA Ancient Thera 2.38 301 Pn Pn 10 04 13.7 +0.7

NEA Nea Kammeni, S 2.46 301 Pn Pn 10 04 15.6 +1.5
NEA Nea Kammeni, S 2.46 301 Pn Pn 10 04 15.4 +1.5

AYDN Aydin 2.50 358 Pn Pn 10 04 15.1 +0.4
AYDN Aydin 2.50 358 Pn Pn 10 04 16.8 +1.4

ANOF Anoyia 2.55 274 Pn Pn 10 04 17.0 +1.6
ANOF Anoyia 2.55 274 Pn Pn 10 04 18.0 +1.8

YER Yerkesik 3.77 9 Pn Pn 10 04 24.9 +0.7
YER Yerkesik 3.77 9 Pn Pn 10 04 23.9 +0.3

YER Yerkesik 3.77 9 Pn Pn 10 04 33.3 +1.1
YER Yerkesik 3.77 9 Pn Pn 10 04 35.8 +1.9

ARCES ARCESS Array B 5.29 339 Pn Pn 10 01 52.9 -1.3
ARCES ARCESS Array B 5.29 339 Pn Pn 10 02 51.7 -4.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CTA Charters Tower, PMG Port Moresby, TOZ Tahuroa Road, etc.

AULRC Aulcrup 21.99 232 P P 10 16 56.0 +1.6
MTSU Mount Surprise 22.48 264 P P 10 16 55.6 +1.2

URZ Urewera 22.61 161 LR LR 10 24 39.7
AUCS Auckland 23.04 226 P P 10 17 02.3 +2.1

STKA Stephens Creek 27.99 233 P P 10 17 46.5 +0.8
RAR Rarotonga 30.81 103 LR LR 10 29 45.0

WRA Warramunga Arr 31.90 260 P P 10 18 19.0 -1.5
WRA Warramunga Arr 31.90 260 P P 10 18 18.2 -2.3

AS31 Alice Springs 32.46 253 P P 10 18 24.2 -1.1
AS31 Alice Springs 32.46 253 P P 10 18 25.4

ASAR Alice Springs 32.46 253 P P 10 18 24.6 -0.7
ASAR Alice Springs 32.46 253 P P 10 21 12.3 -0.1

ASAR Alice Springs 32.46 253 P P 10 18 25.4
ASAR Alice Springs 32.46 253 P P 10 18 25.4

ASAR Alice Springs 32.46 253 P P 10 18 25.4
ASAR Alice Springs 32.46 253 P P 10 18 25.4

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ASAR Alice Springs 32.46 253 P P 10 18 25.4
ASAR Alice Springs 32.46 253 P P 10 18 25.4

27d 10h

Table with columns: Station Name, Frequency, Power, Mode, and Time/Status. Includes stations like Kamikawa-asahi, Asahikawa, Korea Array, etc.

2020 MAY

Table with columns: Station Name, Frequency, Power, Mode, and Time/Status. Includes stations like Oroville, Paynes Creek, Columbia Colle, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and Time/Status. Includes stations like Sanguang, Zhongli, Fush Village, etc.

TAP 27 10:15:04.2, 25.34N, 122.67E, h180km, ML3.6, D
JMA 27 10:15:04.0, 0.3, 25.25'N, 122.7E, 0.7, h181km, 4km,
MV3.2/14, NW OFF ISHIGAKIJIMA IS

ISC 27 10:15:03.6, 2.1, 25.19N, 107.12273E, 0.03,
h186km, 12km, n65, a0Z89/99, Taiwan region

IDC 27 10:20:04.5, 0.7, 2.12N, 126.30E, h0km, mb4.0/12,
mbmp4.0/13, ML3.4/1, Error ellipse: s-maj=36.1km
s-min=13.7km az=76.0
MAN 27 10:20:10.0, 2.02N, 126.50E, h40km, MS3.8
DJA 27 10:20:10.4, 0.3, 2.3'N, 3.12'E, h10km, M4.4/18, mbM6.2/3,
mb4.6/11, MLv4.1/18, Mw(mb)5.8/3
NEIC 27 10:20:12.2, 0.9, 2.22N, 109.12658E, 0.07, h60km, 10km,
mb4.2/16, Error ellipse: s-maj=16.0km s-min=6.9km
az=214.0

ISC 27 10:20:11.5, 0.5, 2.26N, 105.12654E, 0.07, h55km, n53,
+155/55, mb4.1/7, Northern Malacca Sea

Table with columns: Code, Station Name, Frequency, Power, Mode, and Time/Status. Includes stations like Ternate, Sangihe, Gorontalo, etc.

Table with columns: EVN, Everest, 45.72 308, P, Iamb, Iamb, 10 28 27.9 -0.3, 10 28 31.0, 10 28 51.2 +1.3, 10 29 51.9 +1.4, 10 29 50.2 -0.2, 10 30 02.8 -0.4, 10 30 03.2 0.0, 10 30 04.8 +0.4, 10 30 08.0, 10 30 32.4 +0.6, 10 30 31.9 +0.1, 10 31 08.8 +1.2, 10 32 49.3 +1.1

IDC 27 10:26:46.0.5, 31.285S:178.16W, h0km, mb4.5/10, mtbpm4.5/11, ML4.9/1, MS3.9/5, Error ellipse: s-maj=21.6km s-min=15.1km az=91.0 NEIC 27 10:26:52.7, 1.2, 31.35S:0.08:178.2W:0.2, h34km, 4km, mb4.8/26, Error ellipse: s-maj=24.9km s-min=11.5km az=98.0

ISC 27 10:26:51.0, 1.0, 4.3155S:0.05:177.83W:0.09, h35km, n187, e237/175, mb4.8/39, MS4.0/3, 3C-4D, Kermadec Islands region

Main table listing stations (Code, Station Name, A°, AZ°, Phase ID, Op, Res, h, m, s, ISC) for various locations including Green Lake, Raoul Island, Waiomatatini, etc.

Main table listing stations (CTA, Charters Tower, 34.14 281, P, P, 10 33 33.4 +0.5, etc.) for various locations including Warramunga Arr, Fitzroy Cross, etc.

Main table listing stations (FINES, comp=2.25nm, 0.8s, baz=64, slow=4.4, SNR=79, SKP, SKPdf, 10 50 02.2 +4.8, etc.) for various locations including NORSAR, HFS Hagfors, etc.

Table of astronomical observations for 27d 11h, listing stations like GUMO, MTON, SNI, etc., with columns for station name, time, and magnitude.

Table of astronomical observations for 2020 MAY, listing stations like G30M, TROLL, SNA, etc., with columns for station name, time, and magnitude.

Table of astronomical observations for 1776, listing stations like QSPA, PETK, PETK, etc., with columns for station name, time, and magnitude.

IDC 27 12:43:44.2-4.0, 17.93S:167.30E, h79km, 36km, mb3.6/10, m-bmp3.9/11, MS3.8/2, Error ellipse: s-maj=28.3km s-min=23.6km az=72.0

ISC 27 12:43:35.5-0.6, 17.71S:167.66E, 0.05, h19km, n40, r176/36, mb4.2/14, 2-2-2D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DVP Devils Point, RTVP Rentapao, MAREC Mare, Loyalty, etc.

NOU 27 12:48:50.9, 18.28S:175.33W, h291km, mb4.5/15, Tonga Islands

ANF 27 12:48:51.8-0.1, 17.21S:175.23W, h300km, 1km, Error ellipse: s-maj=8.1km s-min=3.5km az=92.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FUGATOGA, FIUTU, AFI Afiamalu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like P16K Nushagak River, Q18K Katmai Hardscr, N14K Kuskoquaw Cree, etc.

IDC 27 12:48:41.0-1.4, 17.94S:175.09W, h220km, 13km, m-bm4.1/18, mbmp4.6/21, Error ellipse: s-maj=13.9km s-min=8.0km az=129.0

NEIC 27 12:48:42.2-0.9, 17.95S:175.04W, 0.09, h230km, 8km, mb4.4/27, Error ellipse: s-maj=16.4km s-min=12.0km az=205.0

IDC 27 12:48:41.0-1.4, 17.94S:175.09W, h220km, 13km, m-bm4.1/18, mbmp4.6/21, Error ellipse: s-maj=13.9km s-min=8.0km az=129.0

NEIC 27 12:48:42.2-0.9, 17.95S:175.04W, 0.09, h230km, 8km, mb4.4/27, Error ellipse: s-maj=16.4km s-min=12.0km az=205.0

27d 12h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like F14K Arctic Creek, H17K Granite Mounta, J20K Nowinta River, etc.

2020 MAY

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like F22K John River, G24K Hadwenzic Riv, C18K Utukok River, etc.

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Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DAVOX Davos/Dischmat, ESDC Sonseca Array, TORO Torodi Ar. Bea, etc.

ASAR	Alice Springs	51.08	18	P	P	13 04 25.1	-0.3
PDGK	Podgornoye	51.10	305	P	P	13 04 25.9	+0.3
G15K	Niukluk	51.16	27	P	P	13 04 26.7	+1.3
F15K	North Star Dit	51.17	26	P	P	13 04 26.7	+1.2
S14K	Fog Glacier	51.19	38	P	P	13 04 26.8	+0.8
L15K	Ungalak Mounta	51.29	31	P	P	13 04 27.4	+1.0
K15K	Wolf Creek Mou	51.42	30	P	P	13 04 29.4	+2.0
K15K	Wolf Creek Mou	51.42	30	P	Iamb	13 04 30.2	
K15K	Wolf Creek Mou	51.42	30	P	P	13 04 28.4	+1.0
M15K	Kasigliuk River	51.43	33	P	P	13 04 28.7	+1.2
O15K	Ungalikthiuk R	51.54	35	P	P	13 04 29.9	+1.6
O15K	Ungalikthiuk R	51.54	35	P	Iamb	13 05 09.3	
O15K	Ungalikthiuk R	51.54	35	P	P	13 04 29.4	+1.1
N15K	Kwethluk River	51.60	33	P	P	13 04 29.9	+1.0
KURK	Kurchatov	51.68	314	Iamb	Iamb	13 04 29.4	-0.2
KURK	Kurchatov	51.68	314	Iamb	Iamb	13 04 31.5	
KURBB	Kurchatov Arra	51.74	314	P	P	13 04 29.7	-0.2
KURBB	Kurchatov Arra	51.74	314	P	PcP	13 05 37.5	+0.8
H16K	Elim	51.78	27	P	P	13 04 30.9	+0.9
CHGN	Chignik	51.83	38	P	P	13 04 31.2	+0.7
NR1K	Norli'sk	51.85	339	P	P	13 04 30.4	-0.1
NR1K	Norli'sk	51.85	339	P	Iamb	13 04 31.1	+0.7
NR1K	Norli'sk	51.85	339	P	Iamb	13 04 31.5	
C16K	Lisburne Hills	51.88	23	P	P	13 04 31.7	+1.0
C16K	Lisburne Hills	51.88	23	P	P	13 04 32.0	+1.3
J16K	Anvik River	52.09	29	P	P	13 04 33.3	+1.0
I17K	Unalakleet	52.21	29	P	P	13 04 33.9	+0.8
L16K	Owhat River	52.23	32	P	P	13 04 34.3	+1.0
N16K	Nishlik Lake	52.31	33	P	P	13 04 34.9	+0.9
M16K	Timber Creek	52.32	32	P	P	13 04 34.8	+0.7
D17K	Noatak River	52.46	24	P	P	13 04 36.2	+1.3
O16K	Kokwok River B	52.48	34	P	P	13 04 36.4	+1.2
G17K	Kiwalik Mounta	52.67	27	P	P	13 04 37.4	+0.9
C17K	Delong Mountai	52.70	23	P	P	13 04 37.6	+0.9
O17K	Hotham Inlet	52.70	25	P	P	13 04 37.9	+1.2
F17K	Baldwin Pennin	52.72	25	P	Iamb	13 04 38.8	+2.0
F17K	Baldwin Pennin	52.72	25	P	Iamb	13 04 39.4	
F17K	Baldwin Pennin	52.72	25	P	P	13 04 38.4	+1.6
J17K	VABM Dome	52.79	29	P	Iamb	13 04 39.2	+1.9
J17K	VABM Dome	52.79	29	P	Iamb	13 04 40.7	
J17K	VABM Dome	52.79	29	P	P	13 04 38.6	+1.2
H17K	Granite Mounta	52.82	27	P	P	13 04 39.0	+1.4
L17K	Donlin	52.86	31	P	P	13 04 39.3	+1.4
K17K	Iditarod	52.98	30	Iamb	Iamb	13 04 41.8	
K17K	Iditarod	52.98	30	P	P	13 04 40.1	+1.3
O17K	Koliganek Bris	53.01	34	P	P	13 04 40.0	+0.9
N17K	Nushagak Hills	53.09	33	P	P	13 04 40.8	+1.1
M17K	Holitna River	53.12	32	P	P	13 04 41.3	+1.5
P17K	Kvichak River	53.26	35	P	P	13 04 42.1	+1.3
E18K	Tukpahleirik C	53.26	24	P	P	13 04 42.9	+2.2
E18K	Tukpahleirik C	53.26	24	P	Iamb	13 04 43.4	
E18K	Tukpahleirik C	53.26	24	P	Iamb	13 04 41.8	+1.0
F18K	Selawik	53.38	26	P	P	13 04 42.9	+1.3
C18K	Utukok River	53.45	23	P	P	13 04 43.0	+0.8
H18K	Honhosa River	53.51	27	P	P	13 04 43.8	+1.2
G18K	Tagagawik	53.58	27	P	P	13 04 44.4	+1.3
L18K	Granite Mounta	53.62	31	P	P	13 04 45.0	+1.7
N18K	Kilae Creek	53.74	33	P	P	13 04 45.5	+1.1
BOOM	Boomsokoye usch	53.77	304	P	Iamb	13 04 46.1	+1.1
BOOM	Boomsokoye usch	53.77	304	P	Iamb	13 05 12.5	
M18K	Stony River	53.90	32	P	P	13 04 46.6	+1.1
O18K	Katmai Hardscr	53.93	36	P	P	13 04 46.7	+0.8
O18K	Koktuh Hills	53.97	34	P	P	13 04 47.0	+1.0
A19K	Wainwright	54.02	21	P	P	13 04 47.1	+1.0
C19K	Lookout Ridge	54.15	23	P	Iamb	13 04 49.0	+1.9
C19K	Lookout Ridge	54.15	23	P	Iamb	13 04 49.3	
C19K	Lookout Ridge	54.15	23	P	P	13 04 48.2	+1.1
F19K	Shalerucik Mo	54.16	25	P	P	13 04 48.3	+1.1
SII	Sitkinak Islan	54.19	38	P	P	13 04 48.6	+1.0
G19K	Purcell Mounta	54.26	26	P	P	13 04 49.0	+1.1
H19K	Roundabout Mou	54.38	27	P	P	13 04 50.5	+1.7
H19K	Roundabout Mou	54.38	27	P	P	13 04 50.1	+1.3
J19K	Poorman	54.42	29	P	P	13 04 50.0	+0.9
N19K	Bonanza Creek	54.45	33	P	P	13 04 50.8	+1.3
O19K	Port Alsworth	54.45	34	P	P	13 04 50.5	+1.1
L19K	White Mountain	54.46	31	P	P	13 04 50.6	+1.1
D19K	Kuna River	54.48	23	P	P	13 04 50.9	+1.4
D19K	Kuna River	54.48	23	P	P	13 04 50.6	+1.1
E19K	Redstone River	54.52	25	Iamb	Iamb	13 04 52.3	
E19K	Redstone River	54.52	25	P	P	13 04 50.8	+1.0
Q19K	Cape Douglas,	54.66	35	P	P	13 04 51.8	+0.8
O19K	Old Harbor	54.72	38	P	P	13 04 52.5	+1.2
K20K	Telida	54.99	30	Iamb	Iamb	13 04 56.1	
K20K	Telida	54.99	30	P	P	13 04 54.3	+1.1
F20K	Avaraart Lake	54.99	25	P	P	13 04 54.5	+1.3
H20K	Anotienegea Mo	55.01	27	P	P	13 04 55.0	+1.7
I20K	Naahedeneel	55.05	28	P	P	13 04 55.0	+1.4
D20K	Etiwuk River	55.07	23	P	P	13 04 55.2	+1.5
D20K	Etiwuk River	55.07	23	P	P	13 04 54.6	+0.9
J20K	Nowinta River	55.09	29	Iamb	Iamb	13 04 56.2	

J20K	Nowinta River	55.09	29	P	P	13 04 55.4	+1.5
E20K	Nigu River	55.10	24	P	P	13 04 55.2	+1.2
KD4K	Kovik Island	55.14	37	P	P	13 04 55.5	+1.2
M20K	Styx River	55.22	32	P	P	13 04 56.2	+1.2
B20K	Meade River	55.23	22	P	P	13 04 56.1	+1.4
O20K	Slope Mountain	55.28	34	P	P	13 04 56.7	+1.3
SPCR	Spurr Chakacha	55.59	33	P	P	13 04 58.8	+1.2
G21K	Allakaket	55.75	26	P	P	13 04 59.8	+1.3
A21K	Barrow	55.77	20	P	P	13 04 59.8	+1.2
PPLA	Turkeypile	55.78	31	P	P	13 04 50.3	+1.3
C21K	Knifeblade Rid	55.82	23	P	P	13 05 00.5	+1.5
CAST	Castle Rocks	55.89	30	Iamb	Iamb	13 05 02.2	
CAST	Castle Rocks	55.89	30	P	P	13 05 00.6	+1.1
F21K	Alatna River	55.89	25	P	P	13 05 00.8	+1.3
H21K	Melozitna Rive	55.89	27	Iamb	Iamb	13 05 02.1	
H21K	Melozitna Rive	55.89	27	P	P	13 05 00.6	+1.1
E21K	Kilik River	55.95	24	P	P	13 05 01.1	+1.2
B21K	Ikpikpuk River	55.98	23	P	P	13 05 01.6	+1.6
SKT	Skwertna	55.99	32	P	P	13 05 00.8	+0.5
I21K	Tanana	56.16	28	Iamb	Iamb	13 05 04.1	
I21K	Tanana	56.16	28	P	P	13 05 02.4	+1.0
A22K	Sinclair Lake	56.20	21	P	P	13 05 02.5	+0.9
BRSE	Bradley Lake S	56.21	35	P	P	13 05 02.7	+0.8
L22K	Petersville	56.39	31	P	P	13 05 03.8	+0.6
F22K	John River	56.44	25	P	P	13 05 04.6	+1.2
H22K	Ishalitna Cre	56.51	27	P	P	13 05 05.5	+1.7
B22K	Teshhepuk Lake	56.55	22	P	P	13 05 05.5	+1.5
G22K	Bettles	56.60	26	P	P	13 05 06.1	+1.6
M22K	Willow	56.64	32	P	P	13 05 06.3	+1.5
MLY	Manley	56.66	28	P	P	13 05 06.0	+1.0
E22K	Anaktuvuk Pass	56.68	25	Iamb	Iamb	13 05 06.6	+1.5
E22K	Anaktuvuk Pass	56.68	25	P	P	13 05 06.3	+1.2
TRF	Thorofare Moun	56.69	30	P	P	13 05 06.0	+0.7
RC01	Rakit Creek A	56.78	33	P	P	13 05 07.3	+1.5
BVAR	Borovoye Array	56.79	317	P	P	13 05 05.9	-0.2
BVAR	Borovoye Array	56.79	317	P	PcP	13 05 57.5	-0.2
BORK	Borovoye	56.83	317	Iamb	Iamb	13 05 06.7	+0.3
BORK	Borovoye	56.83	317	Iamb	Iamb	13 05 06.9	
SEW	Seward	56.87	34	P	P	13 05 07.5	+1.1
PMR	Palmer	57.10	32	P	P	13 05 09.2	+1.2
G23K	Bananza Creek	57.15	26	P	P	13 05 09.6	+1.2
D23K	Nanushuk River	57.23	24	Iamb	Iamb	13 05 11.4	
D23K	Nanushuk River	57.23	24	P	P	13 05 10.3	+1.5
H23K	Yukon River	57.25	27	P	P	13 05 10.8	+1.7
I23K	Minto, Yukon-K	57.25	28	P	P	13 05 10.2	+1.1
MCK	McKinley	57.32	30	Iamb	Iamb	13 05 11.1	
MCK	McKinley	57.32	30	P	P	13 05 09.8	+0.2
NEA2	Nenana	57.33	29	Iamb	Iamb	13 05 11.5	
NEA2	Nenana	57.33	29	P	P	13 05 10.4	+0.9
C23K	Ikiliik River	57.39	23	Iamb	Iamb	13 05 12.3	
C23K	Ikiliik River	57.39	23	P	P	13 05 11.1	+1.2
KNK	Knk Glacier	57.41	33	P	P	13 05 10.8	+0.6
WAT1	Susitna Watana	57.44	31	P	P	13 05 11.4	+1.0
E23K	Chandler	57.48	25	Iamb	Iamb	13 05 13.3	
E23K	Chandler	57.48	25	P	P	13 05 12.1	+1.4
SML	Sawmill	57.49	32	Iamb	Iamb	13 05 12.3	
SML	Sawmill	57.49	32	P	P	13 05 11.8	+1.0
TOLK	Toolik Lake Re	57.58	24	P	P	13 05 13.3	+2.0
KK31	Karatay Array	57.65	306	Iamb	Iamb	13 05 12.3	+0.1
KK31	Karatay Array	57.65	306	Iamb	Iamb	13 05 13.1	
KKAR	Karatay Array	57.65	306	P	P	13 05 12.2	-0.1
M23K	Glacier View	57.77	32	P	P	13 05 14.3	+1.6
WAT6	Susitna Watana	57.80	31	P	P	13 05 14.2	+1.2
COLA	College	57.87	29	P	P	13 05 14.0	+0.8
P23K	Montague Islan	57.90	34	P	P	13 05 14.9	+1.3
E24K	Your Creek	57.91	25	P	P	13 05 15.1	+1.5
D24K	Happy Valley	57.91	24	Iamb	Iamb	13 05 15.3	+1.7
H24K	Noodor Dome	57.93	27	P	P	13 05 15.5	+1.7
SCM	Sheep Creek Mo	57.97	32	P	P	13 05 15.3	+1.2
DHY	Denali Highway	57.98	31	P	P	13 05 15.6	+1.3
C24K	Franklin Bluff	58.03	23	P	P	13 05 16.1	+1.8
GLI	Glacier Island	58.06	33	P	P	13 05 15.7	+1.0
POKR	Poker Plat Res	58.06	28	P	P	13 05 15.9	+1.2
F24K	Squaw Lake	58.07	25	Iamb	Iamb	13 05 17.2	
F24K	Squaw Lake	58.07	25	P	P	13 05 16.1	+1.4
G24K	Hadweenzic Riv	58.16	26	Iamb	Iamb	13 05 17.9	
G24K	Hadweenzic Riv	58.16	26	P	P	13 05 16.3	+1.0
HDA	Harding Lake	58.23	29	Iamb	Iamb	13 05 16.4	
HDA	Harding Lake	58.23	29	P	P	13 05 16.3	+0.5
IL31	Ilisar	58.28	29	P	P	13 05 16.2	+0.1
ILAR	Eielson Array	58.28	29	P	P	13 05 15.9	-0.2
ILAR	Eielson Array	58.28	29	P	P	13 05 16.2	0

Table with columns: P30M, Million Dollar, 63.11 34 P, P, 13 05 50.3 +1.7, etc. Includes various station names like ARTI, G31M, O30N, N31M, etc.

NED 27 12:56:49.3, 32.03N:129.73E, h11km, MW3.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^14 Nm...

Main table with columns: JHD, Hondo, 0.56 38 P, Pg, 12 57 00.2 +0.1, etc. Includes station names like AAKLM, PALE, EMEL, etc.

MDD 27 13:17:57.8±0.9, 34:52N±3.48W, h0km, Mb3.8/6, M, mb03.0/6, Error ellipse: s-maj=12.6km s-min=4.1km

CNRM 27 13:17:57.6, 34:56N±3.76W, h4km, ML2.8, SFS 27 13:17:59.8, 34:69N±3.76W, h7km, ML2.6/7, ML2.9/7, MLV3.0/7

ISC 27 13:17:57.5±1.1, 34:59N±0.02±3.69W±0.02, h6km±9km, n27, s159/51,5C, Morocco

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc. Lists various stations and their parameters.

IGO 27 13:34:14.7±0.2, 2°S±2°8'0W, h67km±3km, M4.2/19, Mjma4.1/19, ML4.3/7, MLV4.0/19, Ms(BB)4.2/7

CATAC 27 13:34:16.1±0.9, 2°S±8°7'8W, h182km±9km, M3.8/6, MLV3.8/6, Error ellipse: s-maj=21.6km s-min=10.5km

ISC 27 13:34:14.1±1.4, 2.11S±0.04±79.80W±0.03, h79km±8km, n63, s194/79, 8C-9D, Near coast of Ecuador

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc. Lists various stations and their parameters.

Table with columns: ANTS, Antisana-Sarah, 2.29 46 P, Pn, 13 34 52.0 +1.6, etc. Includes station names like ANTS, BVLV, etc.

IDC 27 13:35:40.1±20.0, 12:16S:166.78E, h170km±178km, mb3.2/4, mbtmp3.6/4, Error ellipse: s-maj=136.9km

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc. Lists various stations and their parameters.

NEIC 27 13:48:10.1±0.9, 22:94S±0:09±175:00W±0:04, h10km±2km, mb4.4/6, Error ellipse: s-maj=15.5km s-min=6.8km

IDC 27 13:48:11.8±7.7, 21:19S±177:08W, h0km, mb4.0/4, mbtmp0.05, ML4.0/1, MS3.2/2, Error ellipse: s-maj=27.3km s-min=34.7km

ISC 27 13:48:11.9±0.9, 22:89S±0:09±175:00W±0:1, h30km±n18, s1949/17, mb4.2/7, Tonga Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc. Lists various stations and their parameters.

PRE 27 13:57:52.8±1.0, 2.06°38S±29°18E, h0km, ML2.8, Suspected explosion

BGSI 27 13:57:56.7±1.5, 2.06°02S±29°53E, h0km±55km, ML3.5, Presumed earthquake

ISC 27 13:57:52.1±1.8, 2.63S±29:04±29:14E±0:03, h0km±n30, s246/55, South Africa

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, etc. Lists various stations and their parameters.

Table with columns for station ID, name, elevation, distance, direction, and other metrics. Includes stations like Naaghedeneel, Barrow, Nowinta River, etc.

Table with columns: Code, Station Name, Az, Az2, Time, Res, ISC. Rows include BUR08 Bucovina Ar. S, BURAR Bucovina Array, BR131 Keskin Array S, etc.

IDC 27 14:14:55.8,0.5,9.96N,125.99E,h0km,mb4.1/19, mbp4.1+22,ML4.2/3,MS3.2/10,Error ellipse: s-maj=27.0km s-min=12.1km az=67.0

NEIC 27 14:15:01.6,1.6,9.92N,125.92E,0.1,1,h3km,2km, mb4.5/25,Error ellipse: s-maj=20.2km s-min=9.0km az=263.0

MAN 27 14:15:02.0,9.99N,126.06E,h8km,MS3.8

ISC 27 14:15:02.9,1.0,9.98N,126.00E,126.23E,0.06,h51km,gkm, n86,c1972/91,mb4.3/32,MS3.2/5,Mindanao

Main table for station 1785, listing codes, station names, and coordinates. Rows include SCPH Surigao, TSSP Tandag City, PLP Palo, etc.

Table for station 1786, listing codes, station names, and coordinates. Rows include PETK Petropavlovsk, DZM Mont Dzumac, MARNC Mare, Loyalty, etc.

comp=Z,4.5nm,1.1s,baz=218,slow=11,SNR=4.1

comp=Z,4.5nm,1.1s,baz=218,slow=11,SNR=4.1

comp=Z,4.5nm,1.1s,baz=218,slow=11,SNR=4.1

comp=Z,4.5nm,1.1s,baz=218,slow=11,SNR=4.1

Main table for station 1786, listing codes, station names, and coordinates. Rows include SPITS Spitsbergen Ar, ARCES ARCES Array B, etc.

Table for station 1787, listing codes, station names, and coordinates. Rows include GII 27 14:23:45.3,0.0,33.817N,0.00226,375E,0.001, h0km,Mw3.6,confirmed

ISC 27 14:23:37.1,1.4,34.09N,0.0425,72E,0.04,h14km,gkm, n220,c1974/242,mb4.2/47,MS3.4/4,8C-2D,Crete

comp=Z,2.6nm,20.6s,baz=156,slow=35

comp=Z,2.6nm,20.6s,baz=156,slow=35

comp=Z,2.6nm,20.6s,baz=156,slow=35

Main table for station 1787, listing codes, station names, and coordinates. Rows include ZKR Zakros, NPS Neapolis, SIVA Sivas, etc.

DUWZ	D'Urville Isla	1.32	36	P	Pn	14 43 45.5 +0.2
DUWZ		1.37	36	S	Sn	14 44 03.1 -0.6
INZ	Inchbonnie	1.27	231	P	Pn	14 43 45.4 -0.4
INZ	Inchbonnie	1.37	231	P	Pn	14 43 45.4 -0.4
SNZO	South Karori	1.47	68	P	Pn	14 43 46.2 -0.7
SNZO	South Karori	1.52	68	P	Pn	14 43 47.1 -0.6
WEL	Wellington	1.52	68	S	Sn	14 44 06.0 -1.9
BHW	Baring Head	1.55	73	P	Pn	14 43 47.2 -0.8
BHW	Baring Head	1.55	73	P	Pn	14 43 47.2 -0.8
OXZ	Oxford	1.59	203	P	Pn	14 43 47.8 -0.6
OXZ	Oxford	1.59	203	P	Pn	14 43 47.8 -0.6
PLWZ	Palliser	1.79	81	P	Pn	14 43 49.9 -1.1
PLWZ	Palliser	1.79	81	P	Pn	14 43 49.9 -1.1
MSWZ	Moikau Station	1.82	76	P	Pn	14 43 50.3 -1.1
MSWZ	Moikau Station	1.82	76	P	Pn	14 43 50.3 -1.1
KIWI	Kapiti Island	1.82	29	P	Pn	14 43 51.0 -0.4
MOZ	McQueen's Vall	1.84	186	P	Pn	14 43 50.8 -0.8
MOZ	McQueen's Vall	1.84	186	P	Pn	14 43 50.8 -0.8
OKCZ	Okains Bay	1.85	176	P	Pn	14 43 51.6 -0.2
RACZ	Mount Hutt	1.92	210	P	Pn	14 43 51.8 -0.9
RACZ	Mount Hutt	1.92	210	P	Pn	14 43 51.8 -0.9
NABZ	Naruawai Farm	1.93	197	P	Pn	14 43 52.1 -0.6
NABZ	Naruawai Farm	1.93	197	P	Pn	14 43 52.1 -0.6
AKCZ	Akaroa Harbour	2.00	180	P	Pn	14 43 53.1 -0.4
WVZ	Waitaha Valley	2.00	232	P	Pn	14 43 52.8 -0.7
OGWZ	Otaki Gorge	2.01	59	P	Pn	14 43 53.0 -0.4
MTW	Mount Morrison	2.08	71	P	Pn	14 43 53.3 -1.4
MTW	Mount Morrison	2.08	71	P	Pn	14 43 53.3 -1.4
TRWZ	Traveller	2.15	78	P	Pn	14 43 54.2 -1.3
WACZ	Wakanui South	2.21	200	P	Pn	14 43 55.6 -0.7
RPZ	Rata Peaks	2.28	216	P	Pn	14 43 56.4 -0.9
RPZ	Rata Peaks	2.28	216	P	Pn	14 43 56.4 -0.9
RPZ	Rata Peaks	2.28	216	P	Pn	14 43 56.2 -1.1
MRZ	Mangatainoka R	2.36	60	P	Pn	14 43 56.9 -1.4
MRZ	Mangatainoka R	2.36	60	P	Pn	14 43 56.9 -1.4
TMWZ	Te Maipa	2.38	72	P	Pn	14 43 56.9 -1.6
GCSZ	Gaunt Creek Bo	2.38	232	P	Pn	14 43 57.7 -0.8
ARCZ	Arundel	2.42	211	P	Pn	14 43 58.0 -1.1
OHWZ	Ohakea	2.48	48	P	Pn	14 43 59.5 -0.3
OHWZ	Ohakea	2.48	48	P	Pn	14 43 59.5 -0.3
NMEZ	Namu Road	2.57	17	P	Pn	14 44 01.5 +0.5
POWZ	Post Office Ro	2.63	57	P	Pn	14 44 02.1 -1.6
WAZ	Wanganui	2.65	37	P	Pn	14 44 02.7 +0.6
PRWZ	Porirua	2.67	61	P	Pn	14 44 02.9 -1.5
LRZ	Lake Rotokare	2.67	26	P	Pn	14 44 03.7 +1.3
PREZ	Palmer Road No	2.71	21	P	Pn	14 44 03.5 +0.6
PREZ	Palmer Road No	2.71	21	P	Pn	14 44 03.5 +0.6
KHEZ	Kahui Hut	2.72	19	P	Pn	14 44 03.5 +0.4
KHEZ	Kahui Hut	2.72	19	P	Pn	14 44 03.5 +0.4
NEZ	North Egmont	2.76	20	P	Pn	14 44 03.8 +0.2
EFZ	East Farm	2.76	29	P	Pn	14 44 02.0 -2.0
BFZ	Birch Farm	2.79	66	P	Pn	14 44 02.0 -2.0
BFZ	Birch Farm	2.79	66	P	Pn	14 44 02.0 -2.0
FOZ	Fox Glacier	2.81	233	P	Pn	14 44 03.2 -1.0
FOZ	Fox Glacier	2.81	233	P	Pn	14 44 03.2 -1.0
TMZ	Timaru	2.86	203	P	Pn	14 44 04.3 -0.6
DREZ	Durham Road	2.93	59	P	Pn	14 44 05.2 +0.3
DVHZ	Dannevirke	2.93	59	P	Pn	14 44 03.7 -2.1
TSZ	Takapari Road	2.95	53	P	Pn	14 44 04.4 -1.7
MHEZ	Mangahewa	3.00	22	P	Pn	14 44 05.7 +0.7
ANWZ	Angora Road	3.05	64	P	Pn	14 44 05.2 -2.2
VRZ	Vera Road	3.05	28	P	Pn	14 44 08.4 +0.4
MWZ	Mangateiti	3.18	53	P	Pn	14 44 07.1 -2.1
PKVZ	Pokaka	3.19	37	P	Pn	14 44 09.2 -0.1
LBZ	Lake Benmore	3.20	217	P	Pn	14 44 07.8 -1.6
LBZ	Lake Benmore	3.20	217	P	Pn	14 44 07.8 -1.6
WRHZ	Waipuru	3.25	62	P	Pn	14 44 07.7 -2.4
PRHZ	Porangahau	3.25	62	P	Pn	14 44 10.4 -0.2
TRVZ	Turoa	3.27	40	P	Pn	14 44 10.1 -0.4
WNVZ	Whianoa	3.27	40	P	Pn	14 44 10.1 -0.4
MOVZ	Moawhango	3.29	42	P	Pn	14 44 09.3 -1.3
MAVZ	Maatangi	3.30	39	P	Pn	14 44 11.1 0.0
WHVZ	Whangape Hut	3.31	39	P	Pn	14 44 10.4 -0.1
FWVZ	Far West T-bar	3.31	39	P	Pn	14 44 11.0 -0.1
TUVZ	Tukino	3.35	40	P	Pn	14 44 11.3 -0.3
COVZ	Chateau Observ	3.35	38	P	Pn	14 44 11.0 -0.5
BHZZ	Black Hill Sta	3.39	46	P	Pn	14 44 10.5 -1.5
NGZ	Ngaurohoe	3.40	38	P	Pn	14 44 12.7 +0.6
NGZ	Ngaurohoe	3.40	38	P	Pn	14 44 12.7 +0.6
TAWZ	Taurewa	3.41	35	P	Pn	14 44 12.0 -0.3
OTVZ	Oturere	3.44	39	P	Pn	14 44 12.7 0.0
WTVZ	West Tongariro	3.44	38	P	Pn	14 44 12.6 -0.2
KRVZ	Kereru	3.46	51	P	Pn	14 44 10.8 -2.2
ETVZ	East Tongariro	3.48	38	P	Pn	14 44 12.7 -0.6
KRVZ	Karewarewa	3.48	38	P	Pn	14 44 12.7 -0.6
NTVZ	North Tongarir	3.49	38	P	Pn	14 44 13.5 +0.1
TMVZ	Te Maari	3.49	39	P	Pn	14 44 13.3 -0.2
XPZ	Pawanui	3.52	60	P	Pn	14 44 11.2 -2.5
ODZ	Otauhu Downs	3.57	207	P	Pn	14 44 13.3 -1.0
ODZ	Otauhu Downs	3.57	207	P	Pn	14 44 13.3 -1.0
ODZ	Otauhu Downs	3.57	207	P	Pn	14 44 13.5 -0.7
KATZ	Kakaramea	3.60	37	P	Pn	14 44 15.0 +0.1
KWHz	Kaweka Forest	3.63	49	P	Pn	14 44 13.1 -2.2
KAHZ	Kahurangi	3.67	57	P	Pn	14 44 13.5 -2.2
RITZ	Rihia Road	3.68	25	P	Pn	14 44 16.1 +0.3
HIZ	Hauti	3.68	25	P	Pn	14 44 15.7 -0.7
HIZ	Hauti	3.68	25	P	Pn	14 44 15.5 -0.4
HIZ	Hauti	3.68	25	P	Pn	14 44 15.4 -0.4
RATZ	Rangitukia	3.72	37	P	Pn	14 44 18.6 +2.1
JCZ	Jackson Bay	3.73	233	P	Pn	14 44 14.6 -2.0
JCZ	Jackson Bay	3.73	233	P	Pn	14 44 14.4 -2.1
MCHZ	McNeill Hill	3.77	51	P	Pn	14 44 15.6 -1.5
WATZ	Wairara	3.84	35	P	Pn	14 44 19.0 +1.0
BKZ	Black Stump Fm	3.85	47	P	Pn	14 44 15.9 -2.3
BKZ	Black Stump Fm	3.85	47	Pn	Pn	14 44 16.0 -2.2
BKZ	Black Stump Fm	3.85	47	Pn	Pn	14 44 16.0 -2.2
KUTZ	Kahurangi Road	4.06	41	P	Pn	14 44 15.0 +0.5
MRHZ	Matea Rd	4.06	43	P	Pn	14 44 18.8 -2.2
ARHZ	Aroapanui	4.07	51	P	Pn	14 44 18.8 -2.3
NMHZ	Naumai	4.07	48	P	Pn	14 44 19.0 -2.2
TLZ	Tolley Road	4.08	31	P	Pn	14 44 21.4 +0.1
WKZ	Wanaka	4.14	18.5	-2.8	Pn	14 44 18.5 -2.8
WKZ	Wanaka	4.08	20	P	Pn	14 44 18.3 -2.9
WPRZ	Whakapapatarin	4.18	22	P	Pn	14 44 20.3 +0.3
EAZ	Earnsclough	4.25	217	P	Pn	14 44 20.5 -2.9
MTHZ	Maungataniwha	4.27	46	P	Pn	14 44 21.2 -2.6
PRRZ	Plateau Road	4.31	40	P	Pn	14 44 22.7 -1.6
HHSZ	Highcliff Hill	4.34	26	P	Pn	14 44 24.1 -0.6
HRZ	Handcock Road	4.34	38	P	Pn	14 44 28.9 +4.1
RAHZ	Arahi	4.36	49	P	Pn	14 44 22.0 -3.0
HSRZ	Hossack Road	4.39	37	P	Pn	14 44 28.0 +2.6
MUGZ	Murupara	4.51	42	P	Pn	14 44 23.9 -3.1
RTZ	Ruatuhuna	4.51	45	Pn	Pn	14 44 24.2 -3.0
RTZ	Ruatuhuna	4.51	45	Pn	Pn	14 44 24.2 -3.0
NGRZ	Ngonotaha	4.54	35	P	Pn	14 44 28.6 +1.1
TARZ	Mount Tarawera	4.57	38	P	Pn	14 44 30.0 +2.1
MSZ	Milford Sound	4.58	231	P	Pn	14 44 25.6 -2.4
SNGZ	Shannon Statio	4.59	49	P	Pn	14 44 25.0 -3.1
TOZ	Tahuroa Road	4.60	27	P	Pn	14 44 27.7 -0.9
TOZ	Tahuroa Road	4.60	27	P	Pn	14 44 27.3 -0.9
KNZ	Kokohu	4.63	54	P	Pn	14 44 25.5 -3.0
MHZ	Mahia Peninsula	4.69	56	P	Pn	14 44 26.3 -3.2
THZ	Tuaepea	4.71	209	P	Pn	14 44 28.4 -1.3
PRGZ	Paritui Road	4.82	54	P	Pn	14 44 27.9 -3.3
URZ	Urewera	4.89	29	P	Pn	14 44 29.3 -2.7
GRZ	Tauranga	4.88	33	P	Pn	14 44 31.9 -0.2
MLZ	Mavora Lakes	4.92	223	Pn	Pn	14 44 29.9 -2.7
MLZ	Mavora Lakes	4.92	223	Pn	Pn	14 44 29.9 -2.7
AWAZ	Awhitu Peninsula	4.99	16	P	Pn	14 44 33.5 0.0
MKAZ	Moumaki	5.08	21	P	Pn	14 44 34.4 -0.2
MTAZ	Matatua	5.11	15	P	Pn	14 44 35.0 -0.2
ETAZ	East Tamaki Re	5.16	18	P	Pn	14 44 35.5 -0.3
RVAZ	Riverhead Bore	5.26	15	P	Pn	14 44 37.3 +0.1
MBAZ	Motutapu North	5.33	18	P	Pn	14 44 37.9 -0.2
TGWZ	Tauwhareparea	5.37	48	P	Pn	14 44 35.4 -3.4
WHZ	Wether Hill Ro	5.38	29	Pn	Pn	14 44 35.5 -3.5
WHZ	Wether Hill Ro	5.38	29	Pn	Pn	14 44 35.5 -3.5
SYZ	Scrubby Hill	5.38	209	P	Pn	14 44 37.7 -1.1
SYZ	Scrubby Hill	5.38	209	P	Pn	14 44 37.4 -1.4
ABAZ	Army Bay	5.48	17	P	Pn	14 44 40.2 0.0
DCZ	Deep Cove	5.50	227	Pn	Pn	14 44 37.0 -3.3
DCZ	Deep Cove	5.50	227	Pn	Pn	14 44 37.0 -3.3
HAZ	Te Kaha	5.57	44	P	Pn	14 44 38.7 -2.7
GRZ	Great Barrier	5.96	20	P	Pn	14 44 47.0 +0.4
MXZ	Matakaoa Point	6.00	46	P	Pn	14 44 44.2 -2.9
MXZ	Matakaoa Point	6.00	46	Pn	Pn	14 44 43.8 -3.4
WCZ	Waipua Caves	6.04	11	P	Pn	14 44 47.2 -0.5
APZ	The Paps	6.08	214	P	Pn	14 44 45.4 -2.8

PYZ	Puysgeur Point	6.20	224	P	Pn	14 44 40.9 -0.9
PYZ	Puysgeur Point	6.20	224	Pn	Pn	14 44 47.4 -2.5
PYZ	Puysgeur Point	6.20	224	P	Pn	14 44 48.6 -1.3
OUZ	Omahuta	6.67	5	P	Pn	14 44 55.8 -0.5
OUZ	Omahuta	6.67	5	P	Pn	14 44 56.0 -0.3
CTZ	Chatham Island	7.93	107	P	Pn	14 45 12.7 -0.7
CTZ	Chatham Island	7.93	107	Pn	Pn	14 45 12.0 -1.4
CTZ	Chatham Island	7.93	107	P	Pn	14 45 12.0 -1.4
ONTN	Ouen Toro	20.25	343	P	Pn	14 47 47.1 -0.9
ONTN	Ouen Toro	20.25	343	Iamb	Iamb	14 48 10.4
comp=Z,64nm,1.4s						
NIUE	Niue	27.02	38	P	P	14 48 54.0 +0.7
AS31	Alice Springs	37.09	287	P	P	14 50 22.7 +1.3
ASAR	Alice Springs	37.09	287	P	P	14 50 21.2 -0.2
WRB	Warramunga Arr	39.09	292	P	P	14 50 39.1 +1.0
WRB	Warramunga Arr	39.09	292	Iamb	Iamb	14 51 03.4
comp=Z,6.2nm,1.3s						
WRAB	Tennant Creek	39.20	292	P	P	14 50 40.0 +0.9
WRAB	Tennant Creek	39.20	292	Iamb	Iamb	14 50 41.1
comp=Z,2.9nm,0.8s						
WRWA	Warramunga Arr	39.20	292	P	P	14 50 40.0 +0.9
PMG	Port Moresby	39.49	318	P	P	14 50 42.0 +0.7
QSPA	South Pole Qui	48.25	180	P	Iamb	14 51 53.5 +2.4
QSPA	South Pole Qui	48.25	180	Iamb	Iamb	14 52 26.0
comp=Z,3.3nm,1.1s						
NOU 27 15:00:38.9,17:10S:167:87E, h12km, MLv4.2/13, Vanuatu Islands, Vanuatu Islands						

27d 15h

2020 MAY

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Table with columns: Station, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Status, and Remarks. Includes stations like EAZ, EIDS, EIDS, MAZ, etc.

Table with columns: Station, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Status, and Remarks. Includes stations like JAGI, JAGI, CASY, ABJI, etc.

Table with columns: Station, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Status, and Remarks. Includes stations like P18K, O17K, NVAR, etc.

SCM	Sheep Creek Mo	83.30	14	P	P	15 53 16.4	-0.2
S31K	Pelican	83.32	21	Iamb	Iamb	15 53 18.8	
S31K	Pelican	83.32	21	P	P	15 53 17.4	+0.8
KLU	Klutina	83.35	15	Iamb	Iamb	15 53 18.1	
KLU	Klutina	83.35	15	P	P	15 53 16.9	0.0
CRQM	Cirque	83.44	17	P	P	15 53 17.2	-0.3
CRQM	Cirque	83.44	17	Iamb	Iamb	15 53 18.9	
G15K	Nukluk	83.45	6	P	P	15 53 17.7	+0.6
CRQE	Cirque	83.45	17	P	P	15 53 18.0	+0.6
TGL	Tana Glacier	83.53	17	Iamb	Iamb	15 53 19.2	
S32K	Killishnoo	83.53	22	P	P	15 53 18.5	+0.9
WRAK	Wrangell Isian	83.58	24	P	P	15 53 18.9	+0.9
J19K	Poorman	83.61	10	P	P	15 53 18.6	+0.6
TNA	Tin City	83.67	4	P	P	15 53 18.8	+0.6
CAST	Castle Rocks	83.70	12	Iamb	Iamb	15 53 18.9	
CAST	Castle Rocks	83.70	12	P	P	15 53 17.2	-1.3
F14K	Arctic Creek	83.71	5	P	P	15 53 19.1	+0.7
PCA	Pinnacle	83.72	18	Iamb	Iamb	15 53 20.1	
PINM	Pinnacle	83.72	18	P	P	15 53 18.9	+0.2
VRDI	Verde Repeater	83.76	16	Iamb	Iamb	15 53 20.3	
N25K	Chitina, Valde	83.78	16	P	P	15 53 19.0	+0.1
MAW	Mawson	83.78	200	P	P	15 53 19.8	+0.9
MAW	Mawson	83.78	200	P	P	15 53 19.8	+0.9
GRNC	Granite Creek	83.81	17	Iamb	Iamb	15 53 20.8	
M24K	Tolsona, Glenn	83.81	15	P	P	15 53 19.8	+0.7
WAT6	Susitna Watana	83.86	14	P	P	15 53 19.3	-0.1
LYN	LuoYang	83.86	309	P	P	15 53 21.3	+1.4
H17K	Granite Mounta	83.87	8	P	P	15 53 19.7	+0.4
WAT1	Susitna Watana	83.90	13	P	P	15 53 19.5	+0.1
MCARA	McCarthy VSAT	84.00	16	P	P	15 53 19.9	0.0
J20K	Novinta River	84.02	10	Iamb	Iamb	15 53 21.5	
J20K	Novinta River	84.02	10	P	P	15 53 20.2	+0.2
KTH	Kantishna Hill	84.05	12	P	P	15 53 21.7	
CHUM	Lake Minchumini	84.08	11	P	P	15 53 19.5	-0.8
F15K	North Star Dit	84.09	6	P	P	15 53 21.0	+0.8
TRF	Thorofore Moun	84.09	12	P	P	15 53 19.6	-1.0
LOGN	Logan Glacier	84.11	9	Iamb	Iamb	15 53 22.1	
GCSA	Galena City Sc	84.11	9	P	P	15 53 21.1	+0.7
P29M	Windy Craggy	84.12	19	P	P	15 53 21.8	+1.2
R32K	Eaglecrest	84.16	22	P	P	15 53 21.4	+0.6
F10A	Beach Ranch, E	84.27	38	Iamb	Iamb	15 53 23.7	
BESE	Bessie Mountai	84.27	21	Iamb	Iamb	15 53 23.7	
H18K	Honhosa River	84.28	8	P	P	15 53 21.0	-0.3
O28M	Mount Upton	84.29	18	P	P	15 53 21.7	0.0
O28M	Mount Upton	84.29	18	P	P	15 53 21.9	+0.1
ENH	Enshi	84.30	304	P	P	15 53 21.7	-0.5
HARP	HAARP	84.31	15	Iamb	Iamb	15 53 23.4	
HARP	HAARP	84.31	15	P	P	15 53 22.3	+0.8
G17K	Kiwalik Mounta	84.32	7	P	P	15 53 22.3	+0.9
DHY	Denali Highway	84.38	14	P	P	15 53 21.7	-0.2
O29M	Mount Kennedy	84.39	19	P	P	15 53 22.5	+0.4
B08A	Colville Reser	84.41	35	Iamb	Iamb	15 53 23.9	
PLBC	Pleasant Camp	84.43	20	P	P	15 53 22.6	+0.5
I20K	Naagdeneel	84.54	10	P	P	15 53 23.1	+0.6
MCK	McKinley	84.62	13	P	P	15 53 22.9	-0.1
PAX	Paxson	84.73	14	P	P	15 53 23.3	-0.2
P30M	Million Dollar	84.75	19	P	P	15 53 24.6	+0.9
SKAG	Skagway	84.77	21	P	P	15 53 25.0	+1.3
T35M	Bob Quinn	84.80	24	P	P	15 53 25.1	+1.1
YUK8	Steele Glacier	84.82	18	P	P	15 53 24.9	+0.5
M26K	Nabesna, AK	84.86	16	P	P	15 53 24.9	+0.7
H19K	Roundabout Mou	84.91	9	P	P	15 53 24.9	+0.7
G18K	Tagagawik	84.95	8	P	P	15 53 24.7	+0.2
YUK6	Outpost Mounta	84.96	18	P	P	15 53 25.1	+0.1
YUK3	Moose Creek	85.02	17	P	P	15 53 25.2	0.0
BRWY	Burwash Landin	85.11	18	P	P	15 53 25.9	+0.5
M27K	Edge Creek, AK	85.11	16	P	P	15 53 25.5	-0.1
M27K	Edge Creek, AK	85.11	16	P	P	15 53 25.9	+0.4
S34M	Telegraph Cree	85.12	23	Iamb	Iamb	15 53 28.0	
S34M	Telegraph Cree	85.12	23	P	P	15 53 26.1	+0.6
H20K	Anotennega Mo	85.12	10	P	P	15 53 26.2	+0.8
MENT	Mentasta	85.12	15	Iamb	Iamb	15 53 27.0	
HYT	Haines Junctio	85.13	19	P	P	15 53 26.2	+0.5
F17K	Baldwin Pennin	85.15	7	P	P	15 53 26.0	+0.6
YUK4	Talbot Ar	85.20	18	P	P	15 53 26.5	+0.4
L26K	Log Cabin Wild	85.29	15	P	P	15 53 26.6	+0.3
I21K	Tanana	85.32	11	P	P	15 53 26.6	+0.3
NEA2	Nenana	85.35	12	P	P	15 53 26.8	+0.3
K24K	Donnelly Dome	85.37	14	P	P	15 53 27.0	+0.3
G19K	Purcell Mounta	85.40	9	P	P	15 53 26.9	+0.3
P32M	Atlin	85.42	21	Iamb	Iamb	15 53 29.1	
P32M	Atlin	85.42	21	P	P	15 53 27.6	+0.7
MLY	Manley	85.42	11	P	P	15 53 26.5	-0.3

TCUT	Toone Canyon	85.42	44	P	P	15 53 28.8	+1.1
BVCY	Beaver Creek	85.43	17	P	P	15 53 27.1	+0.1
WRH	Wood River Hill	85.45	13	Iamb	Iamb	15 53 28.9	
Q32M	Nakina River	85.46	22	Iamb	Iamb	15 53 29.6	
Q32M	Nakina River	85.46	22	P	P	15 53 27.9	+0.6
F18K	Selawik	85.49	7	P	P	15 53 27.4	+0.3
O30N	Mendenhall	85.53	19	P	P	15 53 27.9	+0.5
RIDG	Independent Ri	85.53	14	P	P	15 53 27.7	+0.3
NEW	Newport	85.58	36	P	P	15 53 28.5	+0.5
NEW	Newport	85.58	36	Iamb	Iamb	15 53 29.6	
H21K	Melozitna Rive	85.61	10	P	P	15 53 28.2	+0.5
HDA	Harding Lake	85.64	13	P	P	15 53 27.7	-0.1
CCB	Clear Creek Bu	85.66	13	Iamb	Iamb	15 53 28.0	
E17K	Hotham Inlet	85.71	6	P	P	15 53 28.2	+0.1
L27K	Beaver Creek	85.71	16	P	P	15 53 28.1	-0.1
BCAR	Beaver Creek A	85.72	16	P	P	15 53 28.6	+0.3
N30M	Aishikik Lake	85.75	19	P	P	15 53 28.5	0.0
I23K	Minto, Yukon-K	85.79	12	P	P	15 53 27.9	-0.6
WHY	Whitehorse	85.83	20	Iamb	Iamb	15 53 31.0	
WHY	Whitehorse	85.83	20	P	P	15 53 29.5	+0.5
COLA	College	85.85	13	P	P	15 53 28.5	-0.3
COLA	College	85.85	13	Iamb	Iamb	15 53 28.5	-0.3
COLA	College	85.85	13	P	P	15 53 28.5	-0.3
DLBC	Dease Lake	85.91	23	P	P	15 53 29.4	+0.1
SCRK	Sand Creek	85.94	14	P	P	15 53 29.6	+0.1
F19K	Shaluruick Mo	85.95	8	P	P	15 53 29.1	-0.2
IL31	comp=2.8,1nm,0.6s	85.96	13	Iamb	Iamb	15 53 30.0	
ILAR	Eielson Ar	85.96	13	P	P	15 53 28.6	-0.8
ILAR	comp=2.4,7nm,0.5s,baz=221,slow=4.9,SNR=79	85.96	13	P	P	15 57 01.3	+0.7
TX31	Lajitas Ar, Si	86.05	58	Iamb	Iamb	15 53 34.0	
TXAR	Bojater Array	86.05	58	P	P	15 53 32.2	+1.5
H22K	Ishatitna Cre	86.08	11	P	P	15 53 29.9	0.0
M29M	Somme Creek	86.12	17	P	P	15 53 30.3	-0.1
POKR	Poker Plat Res	86.15	13	P	P	15 53 29.7	-0.5
ANMO	Albuquerque	86.15	52	P	P	15 53 32.9	+1.7
J25K	Salcha River	86.16	14	Iamb	Iamb	15 53 31.3	
J25K	Salcha River	86.16	14	P	P	15 53 29.8	-0.5
E18K	Tukpahlairik C	86.17	7	P	P	15 53 30.4	+0.2
N31M	Braeburn, Yuko	86.17	19	P	P	15 53 31.0	+0.5
D17K	Noatak River	86.18	6	P	P	15 53 30.6	+0.4
P33M	Teatin, Yukon	86.18	21	P	P	15 53 31.2	+0.6
R33M	Jennings Rive	86.24	22	Iamb	Iamb	15 53 33.3	
R33M	Jennings Rive	86.24	22	P	P	15 53 31.0	0.0
G21K	Allakaket	86.29	10	P	P	15 53 31.0	+0.1
XAN	Xi'an	86.30	307	P	P	15 53 32.8	+1.1
H23K	Yukon River	86.36	11	P	P	15 53 31.4	+0.2
F20K	Avarant Lake	86.44	9	P	P	15 53 30.4	-1.2
F20K	Avarant Lake	86.44	9	P	P	15 53 31.8	+0.3
K27K	Chicken	86.45	15	Iamb	Iamb	15 53 34.3	
C16K	Lishburne Hills	86.54	5	P	P	15 53 32.4	+0.4
E19K	Redstone River	86.62	8	P	P	15 53 32.6	+0.2
H24K	Noodor Dome	86.69	12	P	P	15 53 33.2	+0.4
M30M	Minto, Yukon	86.71	18	P	P	15 53 33.4	+0.4
L29M	L29M	86.75	17	P	P	15 53 33.8	+0.7
PRP	Porcupine Dome	86.90	13	P	P	15 53 33.9	-0.1
C17K	DeLong Mountai	86.92	6	P	P	15 53 34.2	+0.3
F21K	Alatna River	86.94	9	P	P	15 53 33.6	-0.4
F21K	Alatna River	86.94	9	P	P	15 53 34.3	+0.3
G22K	Bettles	86.99	10	P	P	15 53 34.0	-0.1
G23K	Bananza Creek	87.06	11	P	P	15 53 34.7	+0.2
M31M	Drury Creek, Y	87.15	19	P	P	15 53 34.9	-0.2
DAWY	Dawson River	87.16	16	P	P	15 53 35.2	+0.1
HHC	Hu-ho-hao-te	87.32	314	eP	eP	15 53 39.5	+3.1
HHC	Hu-ho-hao-te	87.32	314	P	P	15 53 39.5	+3.1
YHL	Hebgen Lake	87.35	41	Iamb	Iamb	15 53 40.1	
F22K	John River	87.41	10	P	P	15 53 36.5	+0.4
BW06	Bojater Array	87.42	43	Iamb	Iamb	15 53 39.0	
PD31	Pinedale Ar	87.42	43	Iamb	Iamb	15 53 39.0	
PDAR	Pinedale Ar	87.42	43	P	P	15 53 38.0	+0.9
PDAR	comp=4.4,7nm,0.6s,baz=219,slow=3.2,SNR=55	87.42	43	P	P	15 57 10.9	-2.0
PDAR	comp=2.0,6nm,0.7s,baz=233,slow=7.2,SNR=4.6	87.42	43	P	P	15 53 37.5	+0.4
D19K	Kuna River	87.48	7	P	P	15 53 36.4	-0.1
K29M	Barlow Dome	87.49	17	Iamb	Iamb	15 53 39.5	
K29M	Barlow Dome	87.49	17	P	P	15 53 36.8	0.0
SAND	Sanderson	87.53	58	P	P	15 53 37.1	-0.5
G24K	Hadweenciz Riv	87.53	12	P	P	15 53 36.4	-0.3
WTLV	Watson Lake, Y	87.53	22	P	P	15 53 37.3	+0.4
G25K	Beamman Lake	87.86	12	P	P	15 53 38.0	-0.2
I27K	Kanik River	87.86	14	P	P	15 53 38.4	+0.1
D20K	Etiuvik River	87.88	8	P	P	15 53 38.4	+0.1
C19K	Lookout Ridge	87.90	7	P	P	15 53 38.7	+0.3
E21K	Killik River	87.99	9	P	P	15 53 38.6	-0.2
E22K	Anaktuvuk Pass	88.04	10	P	P	15 53 39.2	+0.1

I28M	Miner Creek	88.14	15	P	P	15 53 39.9	+0.2
F24K	Squaw Lake	88.17	11	P	P	15 53 40.2	+0.5
E23K	Chandler	88.33	10	Iamb	Iamb	15 53 42.0	
E23K	Chandler	88.33	10	P	P	15 53 40.7	+0.2
J30M	Hart River	88.39	17	P	P	15 53 41.0	+0.1
H27K	Steamboat Moun	88.40	14	Iamb	Iamb	15 53 42.6	

Table with columns: Code, Station Name, Az, El, Pn, S, M, T, W, Th, F, Sa, Su, and various numerical values representing station data.

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Table with columns: Code, Station Name, Az, El, Pn, S, M, T, W, Th, F, Sa, Su, and various numerical values representing station data.

REN 27 16:03:23.9;1.4,38.18N;0.0;117.80W;0.01, h10km,3km, Error ellipse: s-maj=2.0km s-min=1.6km az=189.0 NEIC 27 16:03:23.38;18N;117.79W, h15km NEIC 27 16:03:23.4;1.4,38.19N;0.0;117.79W;0.01, h13km,2km, mb4.1/4,ML3.9/16,Mw3.8/88,ML4.2/9(REN), Error ellipse: s-maj=1.9km s-min=1.2km az=138.0 IDC 27 16:03:23.6;1.7,38.11N;117.79W, h0km, mb2.9/2, mbtmp3.0/4,ML3.6/2,MS2.6/1, Error ellipse: s-maj=21.4km s-min=6.2km az=19.0 ISC 27 16:03:23.0;0.9,38.18N;0.0;117.79W;0.02, h13km,7km, n105, 069/123, Nevada

TRN 27 16:05:32.1, 15.48N-61.48W, h207km, MD4.2, Near West coast of Dominica. IDC 27 16:05:34.9, 2.8, 15.44N-61.73W, h201km, 24km, mb3.1/5, mbtmp3.8/7, Error ellipse: s-maj=59.1km s-min=23.8km az=34.0

ISC 27 16:05:33.6;0.7, 15.43N;0.0;61.53W;0.08, h202km, 5km, n37, r19/56, mb3.3/5, 1D, Leeward Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SKI, ANWB, SEUS, SABA, GCMF, etc.

TIR 27 16:07:17.8, 0.41:55N; 19:46E, h31km, ML2.4/3
PDG 27 16:07:17.8, 0.3, 41:49N; 19:38E, h6km, ML2.5/11,
Error ellipse: s-maj=0.5km s-min=1.4km az=0.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TIR, ULC, SDA, DRME, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PB06, PB06, PB06, etc.

ICD 27 16:08:27.8, 0.3, 8, 4:38N; 127:40E, h0km, mb3.2/3,
mbtmp3.2/3, Error ellipse: s-maj=219.9km
s-min=33.4km az=90.0, Talaud Islands

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

ICD 27 16:10:46.7, 7.9, 8:31S; 156:18E, h0km, mb3.5/3,
mbtmp3.6/3, MS3.5/1, Error ellipse: s-maj=133.1km
s-min=94.7km az=21.0, Bougainville-Somalai Islands
region

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like JISG, NWLT, SHUL, etc.

NOU 27 16:31:06.2, 16:97S; 167:91E, h3km, MLV4.2/16, Vanuatu
Islands, Vanuatu Islands

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

ICD 27 16:37:45.7, 1.4, 34:11N; 25:49E, h0km, mb3.7/5,
mbtmp3.6/10, ML3.1/4, Error ellipse: s-maj=25.9km
s-min=19.0km az=46.0
ATH 27 16:37:48.8, 0.8, 34:19N; 25:60E, h10km, ML2.9/5,
Latitude uncertainty: 4 km; Longitude uncertainty: 2 km
THE 27 16:37:49.9, 34:15N; 2:06E; 2, 4, h3km, 4.2km, M2, 7/6,
ML2, 7/6

ISC 27 16:37:46.6, 1.9, 34:18N; 0:07:25:60E; 0:04, h3km=12km,
n27, 0:07:3/6, mb3.7/4, Crete

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

ICD 27 16:50:46.8, 3.0, 14:47N; 93:90W, h0km, mb3.5/1,
mbtmp3.3/3, ML2.7/3, Error ellipse: s-maj=64.3km
s-min=31.1km az=38.0
MEX 27 16:50:48.4, 0.6, 14:21N; 93:94W, h18km, 104km, MD4.1,
Presumed earthquake

ISC 27 16:50:46.8, 2.1, 14:20N; 0:08:93:96W; 0:03, h25km, 18km,
n24, 0:40/44, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PCIG, RTAL, THIG, etc.

27d 18h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like AC05 El Transito, CO05 La Serena, GO03 Copiapo, etc.

IDC 27 18:01:25.3±3.8, 16.6±4.5; 174.1±14W, h78km, 29km, mb3.4/6, mbmp3.8/7, Error ellipse: s-maj=71.2km s-min=19.1km az=145.0

ISC 27 18:01:29.5±1.5, 16.4±0.4; 174.1±0.3, h111km, n11, n12, 0.9±0.8, mb3.4/6, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like AFI Afiamalu, WRA Warramunga Arr, ASAR Alice Springs, etc.

NEIC 27 18:18:18.3±1.2, 57.2±2.0; 0.1±28.0W, 0.1±25.5km, 6km, mb4.1/27, Error ellipse: s-maj=14.8km s-min=10.9km az=163.0

IDC 27 18:18:19.7±2.1, 57.1±5.5; 27.99W, h265km, 20km, mb3.9/9, mbmp4.6/10, Error ellipse: s-maj=18.1km s-min=11.5km az=67.0

ISC 27 18:18:17.9±0.4, 57.1±1.1; 28.07W, 0.1±25.0km, h250km, n21, 0.9±0.8, mb4.1/18, mb4.1/18, 1C-4D, South Sandwich Islands region

Large table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer Olymp, etc.

2020 MAY

Large table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like DBIC Dimbokro, TORO Torodi Arr, TORO Santo Domingo, etc.

IDC 27 18:23:38.5±2.5, 13.1±1.3; 13N, 143.57E, h200km, 49km, mb3.3/6, mbmp3.8/6, Error ellipse: s-maj=109.5km s-min=15.8km az=87.0

ISC 27 18:23:38.6±0.9, 13.1±0.2; 143.5E, 0.1±20.0km, n13, n12, 0.9±0.8, mb3.6/6, South of Marais Islands

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like GUMO Guam, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 27 18:26:09.7±3.0, 30.405N, 140.32E, h0km, mb3.1/2, mbmp3.2/4, ML2.4/2, Error ellipse: s-maj=226.8km s-min=24.9km az=85.0, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like JHJ Hachiojima 2, MJAR Matsushiro Arr, H1N2 WAKE ISLAND Hy, etc.

NOU 27 18:36:26.4, 17.175°S, 167.79E, h2km, MLV4.1/12, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like DVP Devils Point, RTV Rentapao, MARC Mare, Loyalty, etc.

SNET 27 18:44:59.7±1.8, 13.57N, 90.75W, h19km, ML4.0, Presumed earthquake

CATAC 27 18:45:00.1±0.5, 14°N, 3°9'1W, h22km, 3km, M4.0/31, MLV4.0/31, Error ellipse: s-maj=5.7km s-min=2.3km az=22.2, confirmed

GCG 27 18:45:00.5±1.6, 13.66N, 90.77W, h26km, 6km, MD4.4, ML4.3, MW3.6, Presumed earthquake

IDC 27 18:45:02.9±2.7, 13.68N, 90.88W, h57km, 22km, mb3.1/2, mbmp3.4/5, ML3.8/5, MS2.9/1, Error ellipse: s-maj=21.7km s-min=17.4km az=3.0

ISC 27 18:45:01.9±1.0, 13.66N, 0.06°90.76W, 0.04, h54km, 9km, n77, 1±07/119, Near coast of Guatemala

Large table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like FG8 Yelopocapa, FCG Altonango, PCGS San Vicente Pa, etc.

2020 MAY

1795

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

ADC 27 19:01:46.6, 0.5, 17:30S; 167:66E, h0km, mb4.3/20, mbmp4.3/22, ML4.9/1, MS3.6/20, Error ellipse: s-maj=18.1km s-min=14.6km az=90.0

NOU 27 19:01:47.3, 17:22S; 167:89E, h19km, MLv4.8/17, Vanuatu Islands

NEIC 27 19:01:48.8, 1.6, 17:35S; 0:09; 167:52E, h0km, h10km, 1km, mb4.9/26, Error ellipse: s-maj=15.9km s-min=0.45km az=22.0

ISC 27 19:01:48.9, 0.3, 17:35S; 0:05; 167:72E, 0.06, h19km, n133, r149/102, mb4.8/6, MS3.7/21, 1C-3D, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

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Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

27d 19h

ADC 27 19:08:53.5, 2.3, 42:69N; 144:73E, h0km, mb3.7/6, mbmp3.7/8, ML3.5/2, MS3.3/4, Error ellipse: s-maj=50.0km s-min=29.8km az=151.0

MOS 27 19:08:55.8, 0.7, 42:50N; 144:80E, h38km, mb4.4/1, Error ellipse: s-maj=25.4km s-min=10.5km az=71.8

NIED 27 19:08:56.7, 42:51N; 144:99E, h44km, MW3.6, Moment Tensor Solution, s3 Moment tensor: Scale 10^11N, Mw1.18; Mw=0.29, Mw=0.89, Mw=1.11; Mw=1.30; Mw=2.60; Fault plane solution: M3.10000000, 1.150.000000, 1.150.000000, 0.878.000000, 0.677.000000

JMA 27 19:08:56.7, 0.1, 42:51N; 0:2; 145:0E; 0.5, h44km, 1km, MW3.5, OFF NEMURO PENINSULA

JMA Felt J1 at OFF NEMURO PENINSULA, SKHL 27 19:08:57.1, 0.2, 42:50N; 145:00E, h47km, 2km, mb4.6/3

ISC 27 19:08:58.2, 1.4, 42:61N; 0:09; 144:92E, 0.06, h5km, 10km, n40, r146/43, mb3.7/6, MS3.6/3, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

az=81.0
 DJA 27 19:35:53.5,0.1,6'S,1°13'11"E, h145km,2km, M4.9/118,
 mB5.4/48, mb5.0/118, MLv5.5/28, Mw4.6/149,
 Mw(mB)4.8/48, Mw(Mwp)4.7/4, Mwp5.1/4
 ISC 27 19:35:51.6,0.3,6.27S,130.68E,0.04,h128km,2km,
 h128km:p-P,n371,1514/371,mb4.8/132,26C-5D,Banda
 Sea

Code	Station Name	A°	AZ°	Phase	ISC	Time	Res
SAUI	Saumlaki	1.81	160	Op	S	19 36 26.4	+3.2
SAUI	Saumlaki	1.81	160	S	S	19 36 41.9	-5.5
SAUI	Saumlaki	1.81	160	P	S	19 36 26.2	+3.0
SAUI	Saumlaki	1.81	160	S	S	19 36 49.4	+2.0
BNDI	Bandanaira	1.90	336	P	Pn	19 36 28.4	+2.6
FAKI	Fak Fak	3.67	25	P	Pn	19 36 47.0	0.0
FAKI	Fak Fak	3.67	25	S	S	19 37 28.0	-2.0
FAKI	Fak Fak	3.67	25	P	Pn	19 36 47.4	+0.4
KMPI	Kaimana, Papua	3.97	49	P	Pn	19 36 52.1	+1.1
NLAI	Namlea	4.67	310	P	Pn	19 37 03.2	+3.0
SIJI	Sorong	5.39	6	P	P	19 37 09.9	-0.1
SIJI	Sorong	5.39	6	S	S	19 38 06.2	-5.0
SIJI	Sorong	5.39	6	P	Pn	19 37 09.6	-0.4
SIJI	Sorong	5.39	6	P	P	19 37 09.7	-0.3
SIJI	Sorong	5.39	6	P	P	19 37 18.0	+1.6
SIJI	Sorong	5.39	6	P	P	19 37 23.7	+1.9
SIJI	Sorong	5.39	6	P	P	19 37 23.6	+1.7
MTN	Mantondam	6.55	176	P	Pn	19 37 26.4	+0.8
MTN	Mantondam	6.55	176	S	S	19 37 26.5	+1.0
MTN	Mantondam	6.55	176	S	S	19 38 34.7	-4.3
KDU	Kakadu	6.62	165	P	Pn	19 37 26.7	+0.2
SRPI	Serui, Papua	7.06	52	P	Pn	19 37 33.4	+1.0
SOEI	Soe	7.23	241	P	Pn	19 37 35.7	+0.9
SOEI	Soe	7.23	241	P	Pn	19 37 36.3	+1.4
BAKI	Biak	7.40	47	P	Pn	19 37 40.8	+3.8
TNTI	Ternate	7.73	335	P	Pn	19 37 41.8	+0.3
TNTI	Ternate	7.73	335	P	Pn	19 37 43.4	+1.9
BATI	Baumata	7.97	240	P	Pn	19 37 44.7	0.0
BATI	Baumata	7.97	240	S	S	19 39 08.2	-5.2
BATI	Baumata	7.97	240	LR	LR	19 40 44.0	
KDI	Kendari	8.35	286	P	Pn	19 37 52.6	+2.8
MMRI	Maumere	8.70	254	P	Pn	19 37 55.4	+2.0
MMRI	Maumere	8.70	254	P	Pn	19 37 57.2	+2.7
LWUI	Luwuk	9.44	303	P	Pn	19 38 05.2	+0.7
LWUI	Luwuk	9.44	303	P	Pn	19 38 06.0	+1.5
KNRA	Kunururra	9.54	191	P	Pn	19 38 04.6	-1.2
KNRA	Kunururra	9.54	191	P	Pn	19 38 04.6	-1.2
MNI	Manado	9.62	323	P	Pn	19 38 07.9	+0.9
MMPI	Merauke	9.87	103	P	Pn	19 38 11.4	+1.1
BESSI	Batu Bati, Buton	10.13	270	P	Pn	19 38 16.7	+2.9
GENI	Genyem	10.19	69	P	Pn	19 38 15.4	+1.5
APSI	Ampana	10.46	300	P	Pn	19 38 21.6	+3.3
JAY	Jayapura	10.67	70	P	Pn	19 38 20.9	-0.2
JAY	Jayapura	10.67	70	S	S	19 40 17.1	-1.6
JAY	Jayapura	10.67	70	P	Pn	19 38 22.7	+1.7
WSI	Waigapu	10.82	251	P	Pn	19 38 22.7	-0.4
LBFI	Lubahu Bajo	10.92	258	P	Pn	19 38 26.0	+1.6
KAPI	Kappang	10.95	276	P	Pn	19 38 24.1	-0.6
KAPI	Kappang	10.95	276	P	Pn	19 38 24.0	-0.8
KAPI	Kappang	10.95	276	iP	Pn	19 38 24.6	-0.1
KAPI	Kappang	10.95	276	P	Pn	19 38 26.7	+2.0
SPSI	Sidrap Palu	11.10	281	P	Pn	19 38 30.0	+3.2
WBSI	Waikabak, Su	11.67	253	P	Pn	19 38 33.5	-0.9
PMSI	Majene	12.04	283	P	Pn	19 38 41.5	+2.3
PCI	Palu	12.06	296	P	Pn	19 38 43.0	+3.6
MMSI	Mamuju	12.26	286	P	Pn	19 38 45.7	+3.7
TOLBI	Toilitoi	12.30	306	P	Pn	19 38 42.2	-0.4
DBNI	Kabupaten Domp	12.46	259	P	Pn	19 38 44.5	-0.2
FITZ	Fitzroy Crossi	12.75	202	P	Pn	19 38 45.8	-2.5
FITZ	Fitzroy Crossi	12.75	202	P	Pn	19 38 46.1	-2.3
FITZ	Fitzroy Crossi	12.75	202	S	S	19 40 57.8	-1.1
FITZ	Fitzroy Crossi	12.75	202	LR	LR	19 45 38.6	
FITZ	Fitzroy Crossi	12.75	202	P	Pn	19 38 45.4	-2.9
FITZ	Fitzroy Crossi	12.75	202	S	S	19 40 57.8	-1.1
WBO	Warramunga Arr	13.90	165	P	Pn	19 39 00.5	-2.7
WRAB	Tennant Creek	14.05	166	P	Pn	19 39 02.2	-2.9
WRAB	Tennant Creek	14.05	166	eP	Pn	19 39 03.9	-1.2
WRAB	Tennant Creek	14.05	166	pmx	pmx		
WRA	Warramunga Arr	14.05	166	P	Pn	19 39 03.2	-2.0
WRA	Warramunga Arr	14.05	166	S	S	19 41 29.9	-1.1
WRA	Warramunga Arr	14.11	165	P	Pn	19 39 03.1	-2.7
DAV	Davao City (W)	14.19	339	P	Pn	19 39 07.1	+0.1
DAV	Davao City (W)	14.19	339	P	Pn	19 39 06.8	-0.1
COEN	Coen	14.48	123	P	P	19 39 13.2	-0.4
COEN	Coen	14.48	123	P	Pn	19 39 07.7	-0.9
BKB	Balikpapan	14.62	289	P	Pn	19 39 16.4	+1.1
ABJI	Asem Bagus	16.54	261	P	Pn	19 39 34.3	-0.1
JAGI	Jajag, Banyuw	16.54	261	P	Pn	19 39 32.0	-4.1
PMG	Port Moresby	16.62	102	P	Pn	19 39 37.4	+0.2
PMG	Port Moresby	16.62	102	LR	LR	19 42 33.1	-9.2
PMG	Port Moresby	16.62	102	P	Pn	19 47 46.2	
PMG	Port Moresby	16.62	102	P	Pn	19 39 36.0	-1.2
QIS	Mount Isa	16.64	149	P	Pn	19 39 38.6	+1.0
BLJI	Banyuglugur	17.02	264	P	Pn	19 39 43.0	+0.9
AS15	Alice Springs	17.55	170	P	Pn	19 39 48.7	+1.1
AS31	Alice Springs	17.57	170	P	Pn	19 39 50.0	+1.2
AS31	Alice Springs	17.57	170	P	Pn	19 39 48.1	+0.2
ASAR	Alice Springs	17.58	170	P	Pn	19 39 48.9	+0.9
ASAR	Alice Springs	17.58	170	S	S	19 42 55.8	-8.5
ASAR	Alice Springs	17.58	170	LR	LR	19 47 44.8	
ASAR	Alice Springs	17.58	170	P	Pn	19 39 49.0	+1.1
ASAR	Alice Springs	17.58	170	P	Pn	19 39 49.0	+1.1
AS01	Alice Springs	17.58	170	P	Pn	19 39 48.4	+0.4
AS17	Alice Springs	17.59	170	P	Pn	19 39 49.1	+1.0
AS09	Alice Springs	17.61	170	P	Pn	19 39 49.7	+1.4
MTSU	Mount Surprise	17.78	133	P	Pn	19 39 54.2	+3.0
MWBA	Marble Bar	18.21	215	P	Pn	19 39 56.5	+1.6
MWBA	Marble Bar	18.21	215	P	Pn	19 39 54.5	-0.3
WRKA	Warakuna	18.20	187	P	Pn	19 40 03.0	+1.7
SNJI	Sawahnan-Gnjanj	18.84	264	P	Pn	19 40 02.8	+0.8
KKM	Kota Kinabalu	18.92	310	P	Pn	19 40 03.4	+0.6
KKM	Kota Kinabalu	18.92	310	P	Pn	19 40 03.3	+0.5
CTA	Charters Tower	20.43	134	P	Pn	19 40 27.1	+4.7
CTA	Charters Tower	20.43	134	S	S	19 40 19.5	+0.5

CTAO	Charters Tower	20.43	134	P	P	19 40 19.1	+0.1
CTAO	Charters Tower	20.43	134	P	P	19 40 19.1	+0.1
KPJI	Karang Pucung	21.62	365	P	P	19 40 32.8	+1.0
TGY	Tagayit City	22.42	235	P	P	19 40 41.6	+1.5
GIRL	Giralia	22.73	223	P	P	19 40 44.4	+1.5
GIRL	Giralia	22.73	223	P	P	19 40 41.8	-1.1
GIRL	Giralia	22.73	223	Iamb	Iamb	19 40 51.4	
BBJI	Bungbulang	22.89	266	P	P	19 40 43.7	-1.0
BBJI	Bungbulang	22.89	266	Iamb	Iamb	19 40 48.4	
BBJI	Bungbulang	22.89	266	P	Pn	19 40 49.9	+0.2
LEM	Lembang	22.92	267	P	P	19 40 45.3	+0.3
TPI	Tanjungpandan	23.21	278	P	P	19 40 47.3	-0.3
MEEK	Meekatharra	23.30	208	P	P	19 40 49.2	+1.0
INKA	Innaminka	23.40	157	P	P	19 40 53.3	+1.2
INKA	Innaminka	23.40	157	Iamb	Iamb	19 40 52.5	
QLP	Quilpie	23.98	149	P	P	19 40 56.0	+1.6
GUM	Guam	24.24	35	LR	LR	19 52 21.8	
FORT	Forrest	24.51	185	P	P	19 41 00.1	+0.9
FORT	Forrest	24.51	185	P	P	19 40 59.5	+0.4
FORT	Forrest	24.51	185	Iamb	Iamb	19 41 17.3	
CGJI	Cibinong	24.83	268	P	P	19 41 02.7	+0.4
KLSI	Kalsip	25.88	272	P	P	19 41 12.3	+0.6
KMBL	Kambalda	26.00	197	P	P	19 41 14.7	-0.6
MORW	Morawa	26.57	210	P	P	19 41 18.9	+1.1
MORW	Morawa	26.57	210	P	P	19 41 17.8	0.0
MORW	Morawa	26.57	210	Iamb	Iamb	19 41 43.8	
BBOO	Bucklebo	26.88	170	P	P	19 41 21.2	+0.7
BBOO	Bucklebo	26.88	170	P	P	19 41 21.2	+0.7
TPRI	Tanjung Pinang	27.07	284	P	P	19 41 24.9	+2.5
STKA	Stevens Creek	27.45	160	P	P	19 41 26.9	+1.3
STKA	Stevens Creek	27.45	160	P	P	19 41 25.9	+0.3
STKA	Stevens Creek	27.45	160	LR	LR	19 53 41.8	
BLDU	Ballidu	27.55	207	P	P	19 41 27.4	+0.8
KLBR	Kellerberrin	27.95	204	P	P	19 41 31.2	+1.1
MYKOM	Kota Tinggi	27.96	286	P	P	19 41 28.9	-1.5
MYKOM	Kota Tinggi	27.96	286	Iamb	Iamb	19 41 34.9	
HTT	Hallett	28.09	165	P	P	19 41 34.4	+3.0
CMSA	Cobar Meteorol	28.08	153	P	P	19 41 39.3	+1.7
NWAO	Narrogin (SRO)	29.33	204	LR	LR	19 41 43.5	+1.1
NWAO	Narrogin (SRO)	29.33	204	LR	LR	19 54 07.9	
NWAO	Narrogin (SRO)	29.33	204	P	P	19 41 43.4	+1.1
NWAO	Narrogin (SRO)	29.33	204	P	P	19 41 43.4	+1.1
NWAO	Narrogin (SRO)	29.33	204	pmx	pmx		
PPI	Padang Panjang	30.76	280	P	P	19 41 55.6	+0.4
MNSI	Mandailing Nat	31.83	282	P	P	19 42 03.0	-1.6
ARPS	Mount Arapiles	32.03	163	P	P	19 42 08.0	+1.9
YNG	Young	32.35	152	P	P	19 42 11.4	+2.4
RPSI	Ratu Prapat	32.93	285	P	P	19 42 11.6	-2.7
RPSI	Ratu Prapat	32.93	285	pmx	pmx	19 42 11.6	-3.0
PSI	Prapat	32.96	285	P	P	19 42 12.7	-1.9
JOW	Kunigami	32.98	356	P	P	19 42 15.3	+0.9
JOW	Kunigami	32.98	356	P	P	19 42 14.8	+0.3
GSI	Gunungstoli	33.89	282	P	P	19 42 18.5	-4.1
GSI	Gunungstoli	33.89	282	P	P	19 42 22.5	-0.1
KCSI	Kotacane, Aceh	34.27	286	P	P	19 42 26.4	+0.6
LHMI	Lhok Sumawe	35.56	288	P	P	19 42 35.3	+1.5
MLSI	Meulaboh, Aceh	35.78	286	P	P	19 42 39.7	+0.9
JNU	Nakatsue	39.17	0	P	P	19 43 07.0	-0.1
JNU	Nakatsue	39.17	0	Iamb	Iamb	19 43 06.7	-0.4
JNU	Nakatsue	39.17	0	Iamb	Iamb	19 43 08.4	
NJ2	Nanjing	39.74	344	UP	UP	19 43 13.0	+1.3
CM31	Chiang Mai Arr	39.79	309	P	P	19 43 11.7	-0.7
CMAR	Chiang Mai Arr	39.79	309	P	P	19 43 12.8	+0.4
CMAR	Chiang Mai Arr	39.79	309	P	P	19 45 16.9	+0.6

27d 21h

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Manado, Ternate, Sangihe, Gorontalo, etc.

DJA 27 20:47:06.7±0.2, 2°N, 122°E, h10km, M3.8/19, mb4.3/7, ML3.6/19, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Golfito, Fila Mora, Palmar Norte, etc.

2020 MAY

Main table with columns: QUEB, AZU, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Antalya-Kumluca, Antalya, Korkukeli, etc.

1800

Table with columns: ISC 27 21:09:10.6±0.3, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Diego Garcia H, Diego Garcia H, etc.

27d 21h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like KARP, ISP, KBZ, BR104, etc.

2020 MAY

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like TORO, ALN, RDO, BVAR, etc.

1802

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like SORM, PDG, LPSR, SVE, etc.

1803

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

2020 MAY

Table with columns for station name, frequency, power, and other technical details. Includes stations like MJAR, Matsushiro Arr, Matsushiro Arr, etc.

27d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PPT2, Papeete2, C16K, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like ACLA, ASAL, MT05, etc.

IDC 27 22:10:11.9, 2.5, 9'16N, 125.46E, h0km, mb3.7/4, mbmp3.7/4, Error ellipse: s-maj=258.9km s-min=29.3km az=66.0

MAN 27 22:10:11.0, 6.76'N, 126.81'E, h128km, MS2.7, ISC 27 22:10:15.4, 1.2, 9.08N, 0.09E, 125.3E, 0.1', h19km, n9, z=200/10, mb3.7/4, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like BIPH, DMPH, KCP, etc.

CATAC 27 22:27:46.8, 0.3, 14'N, 3.8'W, h2km, M3.5/13, MLV3.5/13, Error ellipse: s-maj=6.6km s-min=3.5km az=150.9, confirmed, Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like SIUN, BILN, RCPN, etc.

NOU 27 22:34:06.9, 17.02S, 167.91E, h4km, MLV4.7/35, Vanuatu Islands

NEIC 27 22:34:08.0, 1.2, 17.15S, 0.09E, 167.87E, 0.09, h10km, 1km, mb4.7/26, Error ellipse: s-maj=16.4km s-min=13.3km az=336.0

IDC 27 22:34:10.6, 1.4, 17.18S, 167.77E, h23km, 5km, mb4.2/9, mbmp=4.1/10, ML4.4/11, MS3.6/12, Error ellipse: s-maj=26.2km s-min=23.8km az=73.0

ISC 27 22:34:09.4, 0.5, 17.16S, 167.86E, 0.06, h21km, n9, z=125/85, mb4.7/28, MS3.6/10, 3C-1D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like DVP, RTV, KOUNC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like MTSU, URZU, RTZ, etc.

IDC 27 22:54:59.6, 1.2, 34'19N, 25.64E, h0km, mb3.5/5, mbmp3.4/9, ML3.2/4, Error ellipse: s-maj=25.9km s-min=18.6km az=17.0

ATH 27 22:54:59.0, 9.3, 34'08N, 25.62E, h12km, ML3.0/7, Latitude uncertainty: 5 km; Longitude uncertainty: 3 km

ISC 27 22:54:59.8, 1.9, 34'13N, 0.06E, 25.67E, 0.05, h4km, 11km, n23, z=151/31, mb3.5/4, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like MTSU, URZU, RTZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like NPS, NPS, NPS, etc.

IDC 27 23:06:18.1, 1.6, 6.05S, 147.24E, h27km, 14km, mb4.2/17, mbmp4.5/21, MS3.7/43, Error ellipse: s-maj=18.9km s-min=8.7km az=91.0

DJA 27 23:06:19.3, 0.7, 6'S, 147.2E, h81km, 4km, MS.2/78, mb5.1/78, mb5.6/37, MLV5.8/4, Mw(MB)5.1/37, MwMwp5.8/3, Mwp5.9/3

NEIC 27 23:06:20.0, 1.9, 6.17S, 0.06E, 147.16E, 0.07, h79km, 4km, mb4.9/68, Error ellipse: s-maj=10.5km s-min=8.4km az=88.0

GCMT 27 23:06:24.0, 0.2, 6.27S, 0.01E, 147.32E, 0.01, h90km, 2km, MW5.0/20, Moment Tensor Solution, s=55.67, s120=0.97, Duration: 0.4, Moment tensor: Scale 1016Nm; M=1.40e+11; M1=1.86e+10; M2=0.45e+11; M2=26e+06; M3=3.14e+10; M4=0.99e+07; Best double couple: Mw4.33100x1016 NPT1.616400000, 653.00000, lambda-19.00000, NP2.266.00000, 675.00000, lambda-141.00000, Principal axes: T 4.3710, P1g14.0000, Azm31.0000; N -0.0780, P1g49.0000, Azm284.0000; P -4.2910, P1g38.0000, Azm132.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 27 23:06:19.3, 0.3, 6.16S, 0.04E, 147.22E, 0.05, h78km, n546, mb0.6/14, mb4.9/82, 2.1D, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like PMG, PMG, PMG, etc.

27d 23h

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like KNRA Kununorra, QLP Quilpie, and various other regional stations.

20 MAY

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like NWAOW Narrogin (SRO), YULB Yu-li, and various other regional stations.

1806

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like GTA2, ULN Ulanbataar, and various other regional stations.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like P19K Oil Pt, N19K Bonanza Creek, H17K Granite Mounta, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like HARP HAARP, E22K Anaktuvuk Pass, HDA Harding Lake, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like D27M Malcom River, H29M Whitestone, WHY Whitehorse, etc.

MDD 27 23:16:25.8:0.5,35:67N:3:72W, h0km, mb_Lg2.2/6, Error
INMG 27 23:18:26.7:1.4,35:72N:3:64W, h0km,5km, ML1.7, Error
ellipso: s-maj=4.4km s-min=3.6km az=44.0,
#DIST_RANGE: REGIONAL#IPFMA_REGION: Alboran
SFS 27 23:16:27.9,35:72N:3:55W, h32km, ML2.4/5, ML2.5/5,
ML2.6/5
CNMR 27 23:16:28.9,35:51N:4:41W, h0km, ML1.9
ISC 27 23:16:25.2:1.1,35:72N:0:02:3:57W:0:04, h12km,10km,
n24,+r35/44, Strait of Gibraltar

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MIJAS, SIERRA GORDA, QUINTAR, QUESADA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LAUKKULUSPA, SALMI, NIKKALUOKA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LAUKKULUSPA, SALMI, NIKKALUOKA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LAUKKULUSPA, SALMI, NIKKALUOKA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LAUKKULUSPA, SALMI, NIKKALUOKA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LAUKKULUSPA, SALMI, NIKKALUOKA, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ALICE SPRINGS, MAKANICH ARR, KURBB KURCHATOV ARR, etc.

CATAC 27 23:26:30.2±1.3, 9°N, 6°E, 8°3'W, h71km, 9km, M2, 4/4, MLv2.4/4, Error ellipse: s-maj=12.0km s-min=9.2km az=167.4, confirmed

UPA 27 23:26:35.5±2.6, 8°30'N, 82°75'W, h30km, 15km, MW2, 6/2, Presumed earthquake

ISC 27 23:26:32.8±2.2, 8°28'N, 0°09', 82°92'W, 0.04, h52km, 15km, n14, c1974/25, 1C-2D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LIMONES, CANOAS, CARATE, PUERTO, etc.

JMA 27 23:32:50.5±0.2, 24°N, 1°E, 122°4'E, 0.4, h24km, 3km, MW2.3/10, NW OFF ISHIGAKIJIMA IS

TAP 27 23:32:51.1, 24°13'N, 122°42'E, h28km, ML3.4, C

ISC 27 23:32:50.8±0.9, 24°06'N, 0°02', 122°44'E, 0.02, h31km, 7km, n111, c087/173, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EOS4, EOS3, EOS2, etc.

ISC 27 23:32:16.0±1.7, 33°53'N, 0°05', 141°0'E, 0.1, h51km, 18km, n28, c0565/29, MS3.6/7, Southeast of Honshu

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

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

WEL 27 23:43:25.7±0.7, 31°S, 5°E, 179°9'E, h12km, MA, 9/1, mB4.7/1, ML4.9/9, MLV4.9/1, Mw(mB)4.0/1, Error ellipse: s-maj=12.4km s-min=4.2km az=117.2

ISC 27 23:43:17.8±1.4, 30°59'S, 1°17'W, 5.0, 2, h450km, n50, c2500/65, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHENHUA, HAIDUAN, YUCHR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PKVZ Pokaka, PXZ Pawanui, PNHZ Pukenui, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include QSPA South Pole Qui, QSPA South Pole Qui, QSPA South Pole Qui, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include FETA Feichten, DAVA Damuets, DAVOX Davos/Dischmat, etc.

IDC 27 23:52:29.0.3.0, 19:60N:94:30E, h0km, mb3.8/4, mbtmp3.8/5, ML3.8/1, MS3.3/3, Error ellipse: s-maj=82.9km s-min=33.7km az=37.0, Myanmar

IDC 28 00:21:04.8.11.0, 7:20S:114:16E, h0km, mb3.5/3, s-min=146.8km az=168.0, Bali Sea

IDC 28 00:39:19.5.1.3, 5:89N:126:98E, h0km, mb3.8/5, mbtmp3.8/5, Error ellipse: s-maj=73.1km s-min=20.6km az=57.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, CMAR 1.3nm, 0.3s, baz=285, slow=14, SNR=11, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include DDMP Don Marcelino, DAV Davao City (W), DAV Davao City (W), etc.

NOU 28 00:14:53.3, 17:06S:167:89E, h17km, MLv4.1, h10km, Vanuatu Islands

IDC 28 00:32:31.8.1.4, 34:21N:25:59E, h0km, mb3.5/4, mbtmp3.4/7, ML3.1/3, Error ellipse: s-maj=25.5km s-min=24.4km az=47.0

IDC 28 00:32:31.8.1.1, 34:22N:0:1x25:6E:0.1, h17km, n8, c1903/8, mb3.6/3, Crete

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include DVP Devils Point, DVP Devils Point, RTV Rentapao, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include AKASA Malin Array Be, GERES GERES Array B, TORD Torodi Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JAGI Jajag, KNRA Kununura, FITZ Warramunga Arr, etc.

NOU 28 00:14:56.1.0.8, 17:17S:167:85E:0.07, h21km, n56, c0759/52, mb4.5/17, MS3.5/11.3, CTAU Vanuatu Islands

NEIC 28 00:38:46.6.1.4, 17:2S:0:1x167:94E:0:10, h10km, 2km, mb4.4/9, Error ellipse: s-maj=21.7km s-min=13.2km

NOU 28 00:38:48.8.17, 42S:167:75E, h7km, MLv4.5/14, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include NOU Port Laguerre, ONTC Ouen Toro, ONTC Ouen Toro, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include DVP Devils Point, RTV Rentapao, MARNC Mare, Loyalty, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

SJA 28 00:42:29.6.0.8, 25:22S:66:33W, h240km, ML3.4, MW3.9, SJA Province

IDC 28 00:55:07.6.0.35, 503N:0:001x26:690E:0:001, h0km, MWS3.7, confirmed

IDC 28 00:55:08.2.0.9, 35:43N:26:78E, h0km, mb3.7/8, mbtmp3.6/14, ML3.2/6, MS2.9/6, Error ellipse: s-maj=20.9km s-min=12.5km az=177.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WBO Warramunga Arr, WBO Warramunga Arr, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include NOU Port Laguerre, ONTC Ouen Toro, ONTC Ouen Toro, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include AHML Horco Molle, AHML Horco Molle, AHML Horco Molle, etc.

28d 1h

2020 MAY

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZKR Zakros, ARG Arkhangelos, YAZI Mula-Datša, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GEM Neve Ativ, MMLI Mount Malkishu, KZIT Kziot, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like az=98.0, MARNC Mare, Loyalty, etc.

Table with columns: STKA, DCZ, TOO, WR8, WBO, WRA, ASAR, BBOO, FITZ, QSPA, HATC, O28M. Includes station names, coordinates, and status.

ADC 28.01:29.16.8.1.4.54.777N.160.54W, h0km, mb3.8/12, mbmp3.8/14, ML3.7/2, Error ellipse: s-maj=36.6km s-min=18.8km az=3.0

Main table for station 1811, listing station names, coordinates, and status. Includes stations like Chernabura Isl, Sand Point, Doloi Island, etc.

Main table for station 2020 MAY, listing station names, coordinates, and status. Includes stations like Kuskokwak Cree, Koihagen Bris, etc.

Main table for station 28d 1h, listing station names, coordinates, and status. Includes stations like Juan Fernandez, Enggano, Bengk, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SONM Sogino Array, MKAR Makanchi Array, MKAR comp=Z, 1.0nm, 0.6s, baz=155, slow=8.0, SNR=8.1, etc.

ICC 28 02:04:13.2±2.5, 18° 14'S±178° 25'W, h480km±22km, mb2.9/4, mbmp3.7/5, Error ellipse: s-maj=4.18km s-min=27.7km az=131.0

ISC 28 02:04:13.9±1.2, 17.9S±0.3, 178.4W±0.2, h500km±n7, ±0.994/7, mb3.3/4, Fiji Islands region

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

GII 28 02:21:02.5±0.2, 42°46'N±0.004, 33°99'E±0.001, h0km, Mw±1.1, confirmed

SGS 28 02:20:57.5, 25.48N±37.22E, h11km, M12.8, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like UMJ12 UMJ12, UMJ12 UMJ12, UMJ11 UMJ11, etc.

AZER 28 02:23:26.5, 38°40'N±46°96'E, h10km, m12.7

TEH 28 02:23:27.4, 38°38'N±46°99'E, h12km±30km, ML2.7, Presumed earthquake

ISC 28 02:23:27.3±0.9, 38.39N±0.03, 46.97E±0.02, h14km±7km, n34, ±1.932/59, Iran-Azerbaijan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IHRS Heris, ITBZ Tabriz, ISRB Sarab, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NAX Nakhchivan, GLBA Ciliabad, BLOQ Beylaqan, etc.

DJA 28 02:47:30.1±1.6, 5°N±15°12'6"E±1, h138km±7km, M4.5/14, mb4.4/9, mB5.2/6, MLV4.4/14, Mw(m)B4.6/6

MAN 28 02:47:30.0, 5°12'N±126°21'E±h85km, MS3.5

ISC 28 02:47:33.0±1.3, 5.11N±116.00E±0.1, h100km±n10, ±15.14/13, Mindanao

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

GCG 28 03:26:16.6±1.4, 15°72'N±92°45'W, h139km±11km, MD3.9, Presumed earthquake

MEX 28 03:26:16.1±0.9, 15°70'N±92°62'W, h155km±6km, MD3.9, Presumed earthquake

ISC 28 03:26:11.3±1.8, 15.61N±0.07, 92.68W±0.05, h176km±11km, n23, ±2837/36, Mexico-Guatemala border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCIG Namlea, PAVE Pavencul, PATR El Naranjo, etc.

SSNC 28 03:30:49.0±1.2, 19°80'N±76°39'W, h7km±6km, MD2.8, ML2.4, MW2.7, Presumed earthquake

JSN 28 03:30:51.2±0.7, 19°75'N±76°35'W, h30km±14km, MD3.8, Presumed earthquake

ISC 28 03:30:46.9±0.9, 19.85N±0.03, 76.45W±0.03, h26km±7km, n20, ±1.926/37, 3C-2D, Cuba region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHIV Chivivico, YAR Yar, MARVS Santiago de Cu, etc.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like QMBU Quimbuélo, BNJ Bonnie Gate, MOAC Moa, etc.

REN 28 04:18:08.8±1.2, 38°03'N±0°00'8", 118°76'W±0°01', h2km±1km, Error ellipse: s-maj=1.5km s-min=1.0km az=132.0

NCEDC 28 04:18:09.3±1.1, 38°04'N±0°00'9", 118°76'W±0°01', h8km±4km, Error ellipse: s-maj=1.6km s-min=1.2km az=122.0

NEIC 28 04:18:09.0±1.1, 38°03'N±0°00'9", 118°76'W±0°00'6", h4km±3km, ML3.2/13, ML3.0/19(CEC), ML3.3/10(REN), Error ellipse: s-maj=1.4km s-min=0.3km az=153.0, California-Nevada border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LHV Little Hantoon, LHV Little Hot Core, LHV Deadman Creek, etc.

28d 5h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Forest Hills D, Westside Rec, San Luis Creek, Wildcat Mounta, Meroy Hot Spri, Furnace Creek, etc.

NCEDC 28 04:19:09.9:1.2,38:045N:0:008:118:763W:0:005, h6km,4km, Error ellipse: s-maj=1.2km s-min=0.6km az=185.0

REN 28 04:19:10.2:1.3,38:046N:0:005:118:75W:0:01, h7km,3km, Error ellipse: s-maj=1.5km s-min=0.8km az=96.0

NEIC 28 04:19:09.9:1.2,38:042N:0:008:118:78W:0:01, h4km,3km,ML3,3.84,ML3.3/20(NCEDC),ML3.611(REN), Error ellipse: s-maj=1.4km s-min=1.1km az=118.0, California-Nevada border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Little Huntoon, Little Hot Cre, Deadman Creek, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Mina Array Sit, Chidago Canyon, Five Bridges, etc.

AEIC 28 04:27:37.7:1.7,52:0N:0:1x170:43W:0:06, h26km,7km, Error ellipse: s-maj=15.6km s-min=4.5km az=71.0

NEIC 28 04:27:39.2:1.4,51:36N:0:07:170:37W:0:05, h33km,2km, mb3.8/3,ML3.6/12,ML3.4(AEIC), Error ellipse: s-maj=13.6km s-min=5.8km az=145.0

IDC 28 04:27:45.8:6.0,52:85N:169:07W, h0km, mb3.2/4, mbtmp3.3/6,ML3.2/2,MS2.8/1, Error ellipse: s-maj=106.4km s-min=42.9km az=89.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Okmok Steeple, Okmok Cone E, Okmok W'ng Wal, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Akutan Broad B, Gsig Igkitin Island, Akutan Green G, etc.

IDC 28 04:30:53.6:5.9,41:34S:89:50W, h0km, mb3.4/4, mbtmp3.3/6,ML3.4/2,MS3.5/11, Error ellipse: s-maj=131.4km s-min=39.0km az=15.0

ISC 28 04:30:56.0:4.1,41:2S:0:6:89:4W:0:03,h10km,n20, o=61.6,mb3.5/3,MS3.5/10,Southeast of Easter Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Juan Fernandez, Lajas Array, Atahualpa, etc.

Table with columns for station code, name, location, and various numerical parameters (e.g., 05 05 40.6 +0.1, 1.11 250.0, etc.).

Table with columns for Code, Station Name, Azimuth (AZ), and other parameters (e.g., 0.90 8, 1.27 6, etc.).

Table with columns for station code, name, location, and various numerical parameters (e.g., comp=Z,30nm,0.5s, 14.36 267, etc.).

MOS 28 05:17:27.4 ± 1.1, 16.58N; 120.44E, h76km, mb5.5/1.46, MS4.1/4, Error ellipse: s-maj=8.8km s-min=4.8km az=114.3
BUJ 28 05:17:29.7, 16.75N; 120.36E, h72km, mb4.8/3.4, mb4.6/7.1, MS4.5/7.2, MS7.4/2.65
NEIC 28 05:17:29.5 ± 1.1, 16.60N; 070.120.4E, 0.1, h77km, 5km, mb5.2/262, Mw5.5, 1/25, Error ellipse: s-maj=14.1km s-min=10.4km az=97.0
NEIC 28 05:17:29.6, 16.61N; 120.38E, h77km
GCMT 28 05:17:29.6 ± 0.2, 16.71N; 010.120.19E; 0.1, h87km, 1km, MW5.2/133, Moment Tensor Solution. s95, c130; s133, c225; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=1.53±.11; Mw=5.87±.11; Ms=4.33±.13; Mo=1.59±.08; M0=3.02±.10; M2=2.78±.08; Best double couple:

Table with columns: ID, Name, Date, Time, Status, etc. Includes entries like D23K Nanushuk River, H22K Ishlitalina Cre, O20K Slope Mountain, etc.

Table with columns: ID, Name, Date, Time, Status, etc. Includes entries like SCM Sheep Creek Mo, C27K Jago River, C27K Jago River, etc.

Table with columns: ID, Name, Date, Time, Status, etc. Includes entries like L26K Log Cabin Wild, H27K Steamboat Moun, I27K Kandi River, etc.

MWS3.5, confirmed
IDC 28 06:27:43.8, 1.1, 35.88N, 26.36E, h0km, mb3.9/10,
mbtmp3.7/14, ML3.3/4, MS2.6/3, Error ellipse:
s-maj=26.9km s-min=13.6km az=148.0,
ATH 28 06:27:46.5, 35.74N, 26.47E, h16km, mb3.8/6,
Latitude uncertainty: 1 km; Longitude uncertainty: 0 km
AFAD 28 06:27:46.5, 35.55N, 26.89E, h8km, mb3.7/3,
ISK 28 06:27:46.1, 35.75N, 26.47E, h10km, ML3.6/24
THE 28 06:27:48.0, 36°N, 3'2"E, h23km, gkm, M3.6/12,
MLH3.6/12
ISC 28 06:27:46.1, 1.1, 35.62N, 0.03, 26.56E, 0.02, h27km, gkm,
n100, r1869/140, mb3.7/9, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like KARP, KARR, KARRP, etc., with their respective coordinates and data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SLTI, SLTI, SLTI, etc., with their respective coordinates and data.

ASRS 28 06:31:17.0, 0.9, 54.12N, 86.47E, h0km, M2.4(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like I46RU, ZALVO, ZALVO, etc., with their respective coordinates and data.

SOME 28 06:41:47.4, 42.00N, 81.92E, h10km
NNC 28 06:41:51.6, 3.5, 41.73N, 81.52E, h0km, mb3.3, mpv2.9,
Error ellipse: s-maj=33.1km s-min=19.9km az=10.0,
ISC 28 06:41:45.2, 3.5, 42.00N, 81.82, 0.09, h5km, mb3.5, n8,
o88/14, 2C-3D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SHLS, SHLS, SHLS, etc., with their respective coordinates and data.

ASRS 28 07:00:11.0, 1.1, 4.54, 14N, 87.20E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like I46RU, ZALVO, ZALVO, etc., with their respective coordinates and data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SANI, SANI, SANI, etc., with their respective coordinates and data.

ASRS 28 07:04:48.0, 0.7, 54.30N, 86.87E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like I46RU, ZALVO, ZALVO, etc., with their respective coordinates and data.

IDC 28 07:12:52.6, 6.4, 36.43N, 70.80E, h139km, 58km, mb3.6/3,
mbtmp4.0/8, Error ellipse: s-maj=57.7km s-min=41.9km
az=142.0,
NEIC 28 07:12:54.5, 1.6, 36.49N, 0.06, 70.74E, 0.09, h141km, 7km,
mb4.3/23, Error ellipse: s-maj=10.9km s-min=8.1km
az=105.0,
NCC 28 07:12:54.7, 5.0, 36.95N, 70.35E, h0km, mb4.3, mpv4.1,
Error ellipse: s-maj=40.2km s-min=33.3km az=162.0,
ISC 28 07:12:55.0, 0.6, 36.55N, 0.05, 70.76E, 0.05, h150km, n67,
o174/82, mb4.2/13, 1C-3D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like KBL, KBL, KBL, etc., with their respective coordinates and data.

Table with columns: FINES, HFS, NC602, NORSAR Array S, NC602, NC903, NORSAR Array S, NC903

Table with columns: GRA1, TIM, TORD, TOR, TOR

Table with columns: SFJD, SFJD, C18K, C18K, C19K, C19K

Table with columns: ANM, INK, PPLA, PPLA, H29M, H29M

Table with columns: SKT, SKT, KDKA, KDKA, FCC, FCC

Table with columns: BATG, BATG

Table with columns: ISC 28 07:14:55.6:1.4, 60°22N:01°14'14.33W:0.06, h15km, n7, c130°17, Southeastern Alaska

Main station list table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC

Table with columns: GCG 28 07:16:06.2:1.8, 14°62N:93°75W, h36km, 999km, MD4.1, Presumed earthquake

Table with columns: MEX 28 07:16:06.3:0.5, 14°76N:93°77W, h62km, 101km, MD4.0, Presumed earthquake

Table with columns: ISC 28 07:15:58.5:2.4, 14°5N:01°93.83W:0.09, h7km, 13km, n15, c139°24, Near coast of Chiapas

Main station list table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC

Table with columns: IDC 28 07:18:43.0:0.3, 22°25S:174°33W, h0km, mb5.7/22, mbtmp5.7/25, ML4.9/2, MS5.6/59, Error ellipse: s-maj=13.7km s-min=11.5km az=118.0

Table with columns: BUI 28 07:18:43.3:21.90S:174°08W, h8km, mb6.5/62, mb5.8/76, Ms5.9/96, Ms7.5/6/93

Table with columns: NOU 28 07:18:43.8:22°38S:174°19W, h11km, ML6.1/168, Tonga Islands Region

Table with columns: MOS 28 07:18:43.7:1.1, 22°31S:174°45W, h10km, mb6.2/61, MS5.7/45, Error ellipse: s-maj=7.9km s-min=6.6km

Table with columns: IPGP 28 07:18:44.0:22°24S:174°29W, h10km, MW6.2, Fault plane solution: NP1:phi=52.00000, delta29.00000, lambda=70.00000, NP2:phi=210.00000, delta3.00000, lambda=101.00000

Table with columns: NEIC 28 07:18:44.8:22°17S:174°28W, h10km

Table with columns: NEIC 28 07:18:44.8:22°17S:174°28W, h10km

Table with columns: ISC-PP 28 07:18:45.22°22S:174°42W, h8km, Mwps6.2, Moment Tensor Solution. s26 Moment tensor: Scale 10^18Nm; M0=0.48; M20=0.14; M10=0.62; M1=0.15; M11=0.15; M11=0.22; M20=0.27; M10=0.17; Fault plane solution: M2=48000x10^18 N1:phi=154.40000, delta9.90000, lambda290.00000, NP2:phi=352.70000, delta31.40000, lambda74.30000

Table with columns: GFZ 28 07:18:45.1:22°20S:174°44W, h27km, MW6.0, Moment Tensor Solution. s26 Moment tensor: Mr=1.20; M0=0.62; M20=0.58; M10=0.26; M0=0.50; M0=0.55; Fault plane solution: NP1:phi=53.00000, delta2.00000, lambda=76.00000, NP2:phi=217.00000, delta8.00000, lambda=98.00000, Principal axes: T 1.2400, P1g13.00000, Azm313.00000; N 0.1300, P1g7.00000, Azm221.00000; P -1.3700, P1g74.00000, Azm103.00000

Table with columns: NEIC 28 07:18:45.1:9.9:22°22S:0°07:174°42W:0.09, h10km, 1km, mb6.0/775, Ms_20.6/753, Mw6.5/9/65, Mw6.6/377, Error ellipse: s-maj=13.4km s-min=11.9km az=102.0 Moment Tensor Solution. Moment tensor: Scale 10^17Nm; M0=6.69; M20=5.02; M10=1.67; M10=2.87; M10=3.31; M10=5.36; Fault plane solution: Ms:9.11000x10^17 NP1: phi=219.95000, delta6.35000, lambda=10.02000, NP2: phi=75.55000, delta28.30000, lambda=57.78000, Principal axes: T 8.7725, P1g20.00000, Azm332.00000; N 0.6480, P1g15.00000, Azm227.00000; P -9.4204, P1g65.00000, Azm102.00000

Table with columns: PTWC 28 07:18:45.22°40S:173°80W, h64km, Mw6.1/3, TONGA REGION

Table with columns: NEIC 28 07:18:49:22°27S:174°28W, h26km, Moment Tensor Solution. Duration: 45.10, Moment tensor: Scale 10^18 Nm; Mr=1.15; M0=0.60; M20=0.54; M10=0.42; M10=0.57; M10=0.83; Fault plane solution: Ms:1.47000x10^18 NP1: phi=57.65000, delta27.20000, lambda=69.13000, NP2: phi=214.46000, delta4.72000, lambda=100.37000, Principal axes: T 1.4457, P1g19.00000, Azm312.00000; N 0.0557, P1g9.00000

Azm219.00000; P -1.5014, P1g69.00000, Azm104.00000; GCMT 28 07:18:50.2:0.1, 22°33S:174°07W, h12km, MW5.9/172, Moment Tensor Solution. s153, c322; s172, c611; Duration: 2s3, Moment tensor: Scale 10^18Nm; M0=0.91; M20=0.39; M10=0.52; M10=0.10; M10=0.53; M20=0.38; M10=0.1; Best double couple: M01.02600x10^18 NP1:phi=52.00000, delta36.00000, lambda=73.00000, NP2:phi=211.00000, delta56.00000, lambda=102.00000, Principal axes: T 1.0490, P1g10.00000, Azm310.00000; N -0.0450, P1g10.00000, Azm218.00000; P -1.0040, P1g76.00000, Azm85.00000; nsta1 refers to body waves, cutoff=40s, s22 refers to surface waves, cutoff=50s, Triangular moment-rate function

ISC 28 07:18:44.4:0.4, 22°28S:0°03:174°36W:0.03, h11km, 2km, h12km: p-P, n2144, c1491/1950, mb6.0/468, MS5.9/498, 97C-179D, Tonga Islands region

Main station list table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC

Main station list table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC

Main station list table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC

Main station list table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC

Main station list table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC

Main station list table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC

Main station list table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC

Main station list table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC

Main station list table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC

Main station list table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC

Main station list table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC

Main station list table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC

Main station list table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC

Main station list table with columns: Code, Station Name, Az, AZ, Phase, ID, Time, Res, ISC

28d 7h

Table with columns: Station, Frequency, Power, Class, and Signal. Includes stations like AUMTC Mt Clear Colle, PMG Port Moresby, and various other regional stations.

2020 MAY

Table with columns: Station, Frequency, Power, Class, and Signal. Includes stations like RKPI Ransiki, FAKI Fak Fak, FITZ Fitzroy Crossi, and various other regional stations.

1822

Table with columns: Station, Frequency, Power, Class, and Signal. Includes stations like QGSA comp-Z.226nm, 1.1s, bazi=41, slow=1.9, SNR=150, and various other regional stations.

1823

Table with columns: SKR, S, S, 07 40 27.8 +0.8, etc. Rows include SKR, SKR, SKR, etc.

2020 MAY

Table with columns: YSS, Smax, Smax, etc. Rows include YSS, GLA, N02D, K20D, KBO, etc.

28d 7h

Table with columns: R17L, Mt. Peulik Vol, 81.02 10 P, etc. Rows include R17L, GO08, BUCK, MG01, etc.

28d 7h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like H03N3 Juan Fernandez, VA04 Juan Fernandez, USR31 Juan Fernandez, etc.

2020 MAY

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like GZH2, GZH2, GZH2, Nanjing, Nanjing, Nanjing, etc.

1824

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like NKL, NKL, NKL, WAH2, WAH2, WAH2, etc.

Table with columns for station ID, name, elevation, frequency, mode, and other parameters. Includes stations like BARN, WAT6, CAST, etc.

Table with columns for station ID, name, elevation, frequency, mode, and other parameters. Includes stations like M26K, PSI, MCK, etc.

Table with columns for station ID, name, elevation, frequency, mode, and other parameters. Includes stations like GSI, G18K, MT03, etc.

28d 7h

Table with columns: Station ID, Name, Time, Date, Status, Location, and various performance metrics. Includes stations like E24K, F25K, R25D, etc.

2020 MAY

Table with columns: Station ID, Name, Time, Date, Status, Location, and various performance metrics. Includes stations like KMI2, F28M, JTS, etc.

1828

Table with columns: Station ID, Name, Time, Date, Status, Location, and various performance metrics. Includes stations like C26K, PB03, F31M, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like KK31 Karatay Array, KKAR Karatay Array, KKB Kingsbay, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like MZR Muzera, BELG Belgomoye, BELG Belgomoye, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like FABU Falkenberg, INVG Invergelde, GOET G?2ttur, etc.

Table with columns for country codes (e.g., TESR, CLM, CLL), names (e.g., Tescani, Colim, Tulin), and various numerical and categorical data points.

Table with columns for country codes (e.g., PRU, ISR, IPR, MLR), names (e.g., Pruhonice, Istrita, Muntele Rosu), and various numerical and categorical data points.

Table with columns for country codes (e.g., WATA, MOTA, WTTA, ALN), names (e.g., Walderalm, Moosalm, Wattenberg), and various numerical and categorical data points.

28d 8h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like DAWY Dawson, F26K Sheenik River, L29M L29M, etc.

2020 MAY

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like CHM Chinkent, BVAR Borovoye Array, C36M Paulutuk, etc.

1834

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like VNDA Vanda, QSPA South Pole Qui, QSPA South Pole Qui, etc.

AEIC 28 07:42:57.5E:1.6, 51.87N:0.06:178.41E:0.10, h13km, 4km, Error ellipse: s-maj=9.0km s-min=8.0km az=57.0

NEIC 28 07:42:55.8E:1.0, 51.9N:0.1x178.41E:0.09, h123km, 3km, mb3.6/10, ML3.3/12, ML2.9(AEIC), Error ellipse: s-maj=15.1km s-min=8.4km az=175.0, Rat Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like LSSA Little Sitkin, LSSE Little Sitkin, LSNW Little Sitkin, etc.

REN 28 07:59:29.1, 8, 38.05N:0.01:118.26W:0.01, h0km, 2km, Error ellipse: s-maj=1.8km s-min=1.7km az=200.0

NEIC 28 07:59:29.4E:1.2, 38.09N:0.01:118.20W:0.01, h5km, 1km, ML2.5/7.6, ML2.7/7.7(REN), Error ellipse: s-maj=2.9km s-min=2.2km az=334.0, California-Nevada border

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like LHV Little Huntoon, LHV Little Huntoon, LHV Little Huntoon, etc.

IDC 28 07:52:47.0E:0.8, 49.50S:124.49E, h0km, mb4.1/7, mb104.1/7, Error ellipse: s-maj=44.2km s-min=17.7km az=101.0

NEIC 28 07:52:48.2E:1.3, 49.56S:124.4E:0.2, h10km, 1km, mb4.6/15, Error ellipse: s-maj=23.2km s-min=14.0km az=113.0

ISC 28 07:52:48.1E:1.0, 49.48S:124.5E:0.1, h10km, m41, c132/33, mb4.3/13, 4D, Western Indian-Antarctic Ridge

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

REN 28 08:00:06.8E:0.7, 38.117N:170.009:118.18W:0.01,

h6km,2km, Error ellipse: s-maj=1.4km s-min=1.3km az=66.0
NEIC 28 08:00:06.9-0.6,38:123N-070:10.118:179W,0.009,
h5km,1km,ML2.8/110,ML2.9/12(REN), Error ellipse:
s-maj=2.5km s-min=1.5km az=37.0,California-Nevada
border region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time (h m s), Res (h m s), ISC. Contains station data for Little Huntton, Mina Array Sit, Deep Springs, Dry Creek, Devils Postpil, etc.

Error ellipse: s-maj=13.7km s-min=6.5km az=147.0,
Suspected Mining explosion,
IDC 28 08:00:21.3-2.2,54:58N-83:70E,h0km,mbtm2.5/2,
ML2.5/2, Error ellipse: s-maj=18.5km s-min=10.9km
az=167.0
ISC 28 08:00:19.9-5.5,54:77N,0:4:84.08E,0.09,h0km,n9,
c0:15/9,4C-3D,Southwestern Siberia

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time (h m s), Res (h m s), ISC. Contains station data for ZALESOVO INFRA, ZAAO, ZALV, ZALZ, KURK, KURB, MK31, MKAR, MAKZ, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time (h m s), Res (h m s), ISC. Contains station data for Kuskokwak Cree, Kokwok River, Old Harbor, etc.

IDC 28 08:05:53.2-0.9,32:58N:79:45E,h0km,mb3.7/11,
mb1p3.8/14,ML3.4/3, Error ellipse: s-maj=31.8km
RIDG s-min=16.4km az=53.0
NEIC 28 08:05:58.3-1.2,32:54N,0:04:79.49E,0.10,h10km,1km,
mb4.4/23, Error ellipse: s-maj=13.9km s-min=7.2km
az=264.0
NDI 28 08:06:06.8-0.9,32:53N:79:49E,h10km,ML4.2,MW4.1,
mb4.4(NEIC), Presumed earthquake
ISC 28 08:05:58.2-0.5,32:67N,0:05:79.72E,0.04,h10km,n64,
c0:182/63,mb2.5/23,Kashmir-Xizang border region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, ISC, Time (h m s), Res (h m s), ISC. Contains station data for Whitestone, Mount Dempster, etc.

ASRS 28 08:00:19.0-0.7,54:64N-83:66E,h0km,M2.5(MOS),The
earthquakes of Russia in 2020, Obninsk, GS RAS, 2022
NCC 28 08:00:19.8-2.0,54:62N-83:77E,h0km,mb3.3,mpv2.8,

ASRS 28 08:05:07.0-1.2,54:68N-83:69E,h0km,M2.6(MOS),The
earthquakes of Russia in 2020, Obninsk, GS RAS, 2022.
IDC 28 08:05:08.8-2.1,54:61N-83:75E,h0km,mbtm2.8/2,
ML2.8/2, Error ellipse: s-maj=18.3km s-min=11.2km
az=172.0
NCC 28 08:05:10.3-5.2,54:59N-83:89E,h0km,mpv2.3, Error
ellipse: s-maj=38.9km s-min=6.8km az=140.0, Suspected
Mining explosion,
ISC 28 08:05:08.7-1.3,53:20N,0:10:84.3E,0.2,h0km,n9,
c0:87/5,3C-3D,Southwestern Siberia

ASRS 28 08:05:53.2-0.9,32:58N:79:45E,h0km,mb3.7/11,
mb1p3.8/14,ML3.4/3, Error ellipse: s-maj=31.8km
RIDG s-min=16.4km az=53.0
NEIC 28 08:05:58.3-1.2,32:54N,0:04:79.49E,0.10,h10km,1km,
mb4.4/23, Error ellipse: s-maj=13.9km s-min=7.2km
az=264.0
NDI 28 08:06:06.8-0.9,32:53N:79:49E,h10km,ML4.2,MW4.1,
mb4.4(NEIC), Presumed earthquake
ISC 28 08:05:58.2-0.5,32:67N,0:05:79.72E,0.04,h10km,n64,
c0:182/63,mb2.5/23,Kashmir-Xizang border region

Table with columns: ELK, Lg, 08 31 30.2, comp=E,26nm,0.3s,baz=63,slow=3.6,SNR=16, 3.37 40, Pn, 08 30 39.9 +1.0, 08 30 41.4 +0.4, 08 31 44.4, 08 32 06.1, 08 31 58.6, 08 32 02.9, 08 31 48.6, 08 31 49.0, 08 31 56.3, 08 30 48.1 +0.6, 08 32 00.5, 08 30 52.9 +0.9, 08 32 11.4, 08 32 14.9, 08 32 13.3, 08 32 20.2, 08 30 57.8 +0.1, 08 32 14.7, 08 32 24.3, 08 32 27.1, 08 31 42.8 +1.1, 08 33 50.1, 08 34 52.5, 08 33 17.7 +1.4, 08 33 29.3 -0.3, 08 33 43.0 +1.4, 08 33 48.7, 08 34 11.2 -1.3, 08 34 15.9 -1.0, 08 34 27.4 -0.2, 08 34 33.9 +1.8, 08 34 34.6, 08 34 58.6 +1.2, 08 35 19.1, 08 35 01.8 +1.2, 08 35 20.5, 08 35 04.0 -0.7, 08 35 05.7 +1.1, 08 35 05.7 -0.5, 08 35 17.1 +0.4, 08 35 44.5, 08 35 16.8 -1.4, 08 35 18.2, 08 35 20.0 -0.2, 08 35 28.0 -0.4, 08 35 40.4 +1.3, 08 36 07.4, 08 35 46.5 -0.7, 08 36 08.1 -0.3, 08 36 23.9, 08 36 08.7 +0.3, 08 36 28.1 -0.3, 08 36 08.7 +0.3, 08 36 08.1 -0.3

IDC 28 08:33:23.5:2.6, 40:50Sx175:21E, h55km, 26km, mb3.5/3, mbtp3.6/5, ML2.8/2, Error ellipse: s-maj=51.7km s-min=16.3km az=134.0
NOU 28 08:33:25.2, 40:54S, 175:04E, h67km, MLv4.1/16, North Island, New Zealand
NEIC 28 08:33:25.9:1.1, 40:46S, 0:04, 175:02E, 0:05, h58km, 8km, mb4.4/9, Error ellipse: s-maj=6.9km s-min=5.4km az=150.0
WEL 28 08:33:26.1:0.3, 40:52, 17:5E, h30km, 3km, M4.0/27, ML4.1/27, MLv4.0/27, Error ellipse: s-maj=3.9km s-min=3.0km az=107.3
ISC 28 08:33:25.5:0.7, 40:48S, 0:02, 175:01E, 0:03, h58km, 5km, n183, 0:59/203, mb4.2/8, North Island

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC, 08 33 42.4 -0.1, 08 33 35.6 -0.2, 08 33 43.1 -0.3, 08 33 36.1 +0.2, 08 33 38.0 +0.5, 08 33 36.1 -0.1, 08 33 43.4 -0.7, 08 33 36.9 +0.3, 08 33 45.0 +0.3, 08 33 37.5 +0.5, 08 33 46.1 +0.8, 08 33 37.5 +0.5, 08 33 46.5 +1.1, 08 33 37.6 +0.6, 08 33 37.8 +0.7, 08 33 41.9 +0.0, 08 33 38.7 +0.8, 08 33 48.8 +1.8, 08 33 38.4 +0.5, 08 33 48.8 +1.5, 08 33 38.0 +0.5, 08 33 38.4 +0.9, 08 33 39.5 +1.0, 08 33 40.0 +1.0, 08 33 39.8 +0.7, 08 33 40.0 +0.8, 08 33 40.1 +0.2, 08 33 50.6 +0.2, 08 33 40.6 +0.5, 08 33 52.9 +2.2, 08 33 40.9 +0.9, 08 33 41.0 +0.9, 08 33 42.1 +0.9, 08 33 41.9 +0.5, 08 33 42.3 +0.7, 08 33 54.4 +0.9, 08 33 42.4 +0.7, 08 33 41.9 +0.1, 08 33 41.9 +0.1, 08 33 42.5 +0.3, 08 33 43.2 +0.8, 08 33 43.0 +0.7, 08 33 45.0 +1.5, 08 33 41.9 +0.1, 08 33 43.1 +0.7, 08 33 43.9 +1.3, 08 33 56.3 +1.1, 08 33 43.6 +1.1

Table with columns: MSWZ Moikau Station, 0.95 169, Pn, 08 33 44.0 +1.1, 08 33 57.4 +1.7, 08 33 44.2 +1.4, 08 33 44.5 +1.5, 08 33 43.1 +0.2, 08 33 43.2 +0.2, 08 33 43.2 +0.2, 08 33 46.4 +2.3, 08 33 44.7 +0.3, 08 33 45.9 +1.0, 08 33 45.6 +0.6, 08 33 45.3 +0.4, 08 33 46.0 +0.5, 08 33 46.0 +0.3, 08 33 46.6 +0.3, 08 33 47.3 +0.6, 08 33 47.6 +0.9, 08 33 47.5 +0.6, 08 33 47.2 +0.3, 08 33 48.0 +0.7, 08 33 47.8 +0.6, 08 33 48.1 +0.6, 08 33 48.1 +0.6, 08 31 23.9, 08 33 48.7 +1.2, 08 33 48.1 +0.2, 08 33 48.9 +0.9, 08 33 48.9 +0.5, 08 33 49.1 +1.1, 08 33 49.5 +0.9, 08 33 49.6 +1.0, 08 33 49.7 +0.9, 08 33 49.8 +0.9, 08 33 50.7 +1.9, 08 33 49.1 +0.9, 08 33 49.9 +1.0, 08 33 49.2 +2.7, 08 33 49.3 +1.2, 08 33 50.0 +0.6, 08 33 50.0 +0.6, 08 33 49.7 +0.5, 08 33 49.7 +0.3, 08 33 50.5 +1.0, 08 33 50.8 +1.1, 08 33 50.9 +1.0, 08 33 49.8 -0.1, 08 33 51.2 +1.2, 08 33 51.6 +1.6, 08 33 51.2 +1.0, 08 33 50.6 +0.3, 08 33 51.2 -0.1, 08 33 52.6 +1.1, 08 33 52.8 +0.9, 08 33 52.7 +0.5, 08 33 52.9 +0.7, 08 33 52.6 +0.4, 08 33 54.4 +1.3, 08 33 53.5 +0.1, 08 34 15.7 +1.2, 08 33 52.9 +0.9, 08 33 53.4 +0.1, 08 33 54.2 +0.2, 08 33 56.3 +1.3, 08 34 15.5 -0.8, 08 34 19.9 +0.7, 08 33 55.9 +1.0, 08 33 55.7 -0.0, 08 33 56.6 +0.6, 08 33 56.8 +0.7, 08 33 56.3 +0.1, 08 33 56.8 +2.5, 08 33 56.4 +0.2, 08 33 56.8 +0.4, 08 34 21.7 +1.7, 08 33 57.0 +0.6, 08 33 57.0 +0.6, 08 33 58.2 +0.7, 08 33 58.3 +0.8, 08 34 00.2 +2.2, 08 33 59.0 +0.1, 08 33 58.7 -0.3, 08 33 59.2 +0.2, 08 33 59.9 +0.5, 08 34 00.1 +0.2, 08 34 00.5 +0.5, 08 34 00.2 +0.2, 08 33 55.6 -0.6, 08 34 00.1 -0.2, 08 34 02.1 +1.0, 08 34 05.0 +3.1, 08 34 02.0 -0.5, 08 34 01.9 -0.5, 08 34 03.4 -0.4, 08 34 05.4 +2.6, 08 34 02.4 -0.9, 08 34 05.9 +1.8, 08 34 03.7 -1.3, 08 34 07.3 +0.4, 08 34 07.3 +0.4, 08 34 04.6 -2.5, 08 34 35.8 -3.3, 08 34 05.6 -1.5, 08 34 07.9 +0.5, 08 34 07.9 +0.5, 08 34 08.6 -0.4, 08 34 08.6 -0.4, 08 34 11.6 -0.2, 08 34 13.3 -0.2, 08 34 17.6 +0.4, 08 34 19.2 +0.3, 08 34 19.6 -0.1, 08 34 21.6 -1.0, 08 34 28.8 -0.5, 08 35 15.2 -3.8, 08 34 28.5 -0.8, 08 34 37.1 +0.3, 08 34 41.9 +0.5, 08 34 41.9 +0.5, 08 34 44.6 -1.2, 08 34 45.5 -0.3, 08 34 49.4 -0.2, 08 34 53.4 -0.9, 08 35 05.3 -0.3, 08 34 43.7 +0.4, 08 35 11.1 -0.7, 08 35 13.1 -0.6, 08 35 23.2 -0.0, 08 39 10.7 -1.6, 08 39 47.3 +1.4, 08 40 40.3 +0.1, 08 40 40.2 -0.0, 08 40 40.4 +0.2, 08 40 40.9 +0.0, 08 40 43.3, 08 40 54.7 -0.7, 08 41 00.5, 08 40 56.1 -0.3, 08 40 56.3 -0.1

Table with columns: WBO Warramunga Arr, 40.30 289, P, 08 40 57.1 +0.1, 08 41 06.5, WBO Fitzroy Cross, 47.77 283, P, 08 41 57.2 +0.3, 08 42 30.3, GSPA South Pole Qui, 49.65 180, P, 08 42 11.6 +0.6, 08 42 21.4, MBWA Yellowknife Arr, 50.39 275, P, 08 42 16.6 -0.3, YKA Yellowknife Arr, 51.69 29, PKP, 08 52 00.8 -1.8

NEIC 28 08:37:39.2:1.2, 19:01N, 0:1, 64:22W, 0:04, h35km, 2km, ML2.7/31, MD3.5/5(RSPR), Error ellipse: s-maj=22.1km s-min=3.4km az=10.0
RSPR 28 08:37:39.9, 18:82N, 64:12W, h41km, 13km, MD3.5/5
ISC 28 08:37:37.2:4, 18:93N, 0:2, 64:19W, 0:07, h22km, n23, 0:60/31, 9C, Virgin Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC, 08 37 59.0 -0.2, 08 38 14.9 -0.3, 08 37 59.0 -0.2, 08 38 20.3 -0.3, 08 38 20.2 +0.5, 08 38 21.7, 08 38 26.3, 08 38 04.5 +0.2, 08 38 59.1, 08 38 06.8 0.0, 08 38 27.3 -1.2, 08 38 06.7 -0.1, 08 38 07.8 0.0, 08 39 02.0, 08 39 23.9, 08 38 11.2 +0.3, 08 38 36.0 +0.2, 08 38 11.2 +0.3, 08 38 12.2 0.0, 08 38 37.4 -0.7, 08 38 42.8, 08 38 45.6, 08 38 12.6 +0.4, 08 38 16.4 +0.5, 08 38 16.4 0.0, 08 38 16.9 0.0, 08 38 17.4 +0.5, 08 38 16.4 -0.6, 08 38 54.3, 08 38 20.3 -0.9, 08 39 24.2, 08 38 23.1 +1.3, 08 38 55.7 +0.3, 08 38 23.1 +1.3, 08 38 23.9 -0.2, 08 39 14.3, 08 40 09.2, 08 38 23.1 +0.9, 08 38 23.2 +0.4, 08 39 14.6, 08 39 57.5, 08 38 23.7 +0.1, 08 38 23.9 -5.1, 08 38 57.5 +0.4

IDC 28 08:37:56.7:2.0, 56:22S, 27:01W, h61km, 16km, mb4.4/12, mbtp4.6/14, MS3.9/1, Error ellipse: s-maj=19.3km s-min=12.4km az=67.0
NEIC 28 08:37:57.6:1.6, 56:35S, 0:1, 27:1W, 0:2, h61km, 6km, mb5.0/74, Error ellipse: s-maj=17.6km s-min=12.3km az=216.0
ISC 28 08:37:57.3:1.1, 56:24S, 0:07, 27:07W, 0:08, h64km, 9km, n381, 0:57/7386, mb4.9/42, 3C-6D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, h m s ISC, 08 39 19.9 +0.2, 08 40 23.5 -0.5, 08 41 44.9 +0.3, 08 41 46.0 +0.3, 08 41 46.9 -1.0, 08 46 32.7 +0.7, 08 41 50.6 +0.3, 08 46 32.7 +0.4, 08 42 08.6 +0.2, 08 46 35.4 +0.5, 08 42 07.6 -0.8, 08 46 34.8 -0.1, 08 48 37.3, 08 42 08.2 -0.2, 08 46 35.7 +0.8, 08 42 08.9 -1.3, 08 42 12.4, 08 42 21.7 -0.7, 08 42 21.3 -1.1, 08 42 24.5 -0.4, 08 46 38.1 +0.4, 08 43 09.6 +0.1, 08 43 12.7 +0.1, 08 43 30.0 0.0, 08 43 42.4, 08 43 45.9 +0.6, 08 44 10.5, 08 43 54.3 -0.5, 08 44 13.7, 08 44 17.6 -0.5, 08 47 05.7 -0.2, 08 50 43.6 +0.1, 08 44 18.4 +0.2, 08 45 08.9, 08 44 35.2 +0.5, 08 47 10.9 0.0, 08 50 49.7 -0.1, 08 44 37.3, 08 44 35.4 +0.7, 08 47 10.8 -0.1, 08 44 54.5 -0.7, 08 44 57.4 +0.8

Table with columns: MLY, Manley, 151.95 311 P, PKIKP, 08 57 43.7 -0.1, etc. Lists various stations and their coordinates.

Table with columns: K15K, Wolf Creek Mou, 156.38 304 P, PKPab, 08 58 12.7 +0.8, etc. Lists various stations and their coordinates.

Table with columns: GLVR, Golovnino, 7.40 240 eP, Pn, 08 48 40.8 -0.5, etc. Lists various stations and their coordinates.

TRN 28 08:44:18.1, 14.63N.60.56W, h124km, MD3.6, East of Martinique, Windward Islands

Table with columns: Code, Station Name, A' AZ', Phase ID, Time, Res, etc. Lists station data for Martinique, Windward Islands.

SKHL 28 08:46:53.5:0.2, 47.780N:154.490E, h73km, 6km, mb5.6/9
MOS 28 08:46:54.6:1.3, 47.86N:154.30E, h72km, mb4.8/33, Error ellipse: s-maj=7.3km s-min=5.1km az=72.1
IDC 28 08:46:56.9:2.4, 47.89N:154.11E, h80km, 20km, mb4.2/32, mbmp4.4/38, Error ellipse: s-maj=13.0km s-min=9.9km az=144.0
NEIC 28 08:46:56.9:1.3, 48.0N:0.1x154.1E:0.2, h69km, 5km, mb4.6/318, Error ellipse: s-maj=17.8km s-min=11.8km

ISC 28 08:46:56.2:0.9, 47.82N:0.05:154.35E:0.05, h76km, 7km, n676, s1911/586, mb4.6/216, 23C-13D, Kuril Islands

Table with columns: Code, Station Name, A' AZ', Phase ID, Time, Res, etc. Lists station data for Kuril Islands.

28d 8h

Table with columns: ID, Name, Value, Unit, P, S, T, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes entries like H16K Elim, C16K Lisburne Hills, N15K Kwethluk River, etc.

2020 MAY

Table with columns: ID, Name, Value, Unit, P, S, T, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes entries like OHAK Old Harbor, OHAK Old Harbor, G21K Allakaket, etc.

1840

Table with columns: ID, Name, Value, Unit, P, S, T, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes entries like SCM Sheep Creek Mo, HDA Harding Lake, IL31 ILAR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like L29M, YUKA, EPYK, K29M, G30M, O29M, F30M, I30M, J30M, M30M, HYT, N30M, P29M, G31M, G31M, INK, INK, INK, INK, F31M, F31M, H31M, H31M, P30M, N31M, N31M, O30M, O30M, PLBC, M31M, M31M, M31M, WHY, WHY, S31K, SKAG, N32M, SIT, R32K, P32M, S32K, P33M, P33M, M31M, A36M, A36M, ZAAO, ZAAO, ZALV, ZALV, ZALV, Q32M, R33M, R33M, C36M, C36M, U33K, U33K, W34K, S34M, S34M, DLBC, WTLY, WTLY, V35K, T35M, T35M, WMQ, WMQ, WRGLY, MK31, MKAR, MKAR, MKAR, MKAR, MAKZ, MAKZ.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KURK, KURK, KURK, KURK, KURB, KURBB, YKAW3, YKAW3, YKAW3, RES, RES, RES, RES, YKA, YKA, BVAR, BORK, BORK, BORK, BORK, KBS, KBS, KBS, KBS, SPITS, SPITS, TULEG, TULEG, CHTO, CHTO, CHTO, CHTO, CMAR, NEEM, NEEM, AAK, AAK, AAK, AAK, AAK, AAK, AAK, AAK, EVN, EVN, DAG, DAG, M02C, I07A, I07A, K05A, ARCES, ARCES, ARCES, BMO, BTK, BTK, DBG, DBG, AB31, AB31, ABKAR, MSO, BEKR, FFC, FFC, FFC, SUMG, SUMG, SUMG, SUMG, CHGR, CHGR, FCC, FCC, FCC, EGMT, DLMT, HLID, BOZ, BOZ, BOZ, KVN, YHL, NVAR, NVAR, YHB, ELK, ELK, ELK, ELK, H17A, RLMT.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HVU, LOHW, SNOW, SPUT, HWUT, DUG, DUG, DUG, CLC, TPNV, TPNV, TPNV, FINES, BW06, BW06, PD31, PD31, PDAR, PDAR, PDAR, SFJD, SFJD, CCUT, HEL, HEL, HEL, Q17A, Q17A, LCMT, ULM, ULM, ULM, ULM, ULM, ULM, SRU, KNB, RSSD, RSSD, RSSD, H20A, H20A, EPLO, AGMM, PV21, PV21, PV21, PV21, PV04, PV12, PV12, PV03, PV03, NC30S, NC204, NB20, NB2, NOA, ISCO, ISCO, NORES, HFS, MVCO, MVCO, CTA, NACGM, ECSD, E38A, WRA, WRA, WRA, ANMO, ANMO, ANMO, ANMO, KBZ, L34A, AKASG, AKASG, AKASG, AKASG, SCHG, L40A, ASAR, ASAR, ASAR, ASAR, P38A, P38A, P38A, P38A, DKNK, WMOK, WMOK, WMOK.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KRZV, ETWV, WTVZ, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like AUHUS Ulladulla High, EIDS Eidsvoll, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like JAY Jayapura, FORT Forrest, GENT Gennev, etc.

1847

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like P29M, N25K, N25K, GLB, MSO, PDAR, PDAR, PDAR, T35M, PB03, M24K, LOGN, MCARA, MCARA, MCARA, T25A, PLBC, ATAH, HAYD, H16K, H16K, WAT6, WAT6, CAST, CAST, O28M, O28M, O28M, O29M, O29M, J19K, J19K, J19K, BJ2, BJ2, BJ2, BJ2, WAT1, WAT1, HEH, HEH, HEH, HEH, HEH, HEH, G15K, G15K, PATCX, SKAG, SKAG, SKAG, TA01, S34M, 735A, P30M, P30M, HARP, HARP, HARP, TRF, TRF, PB09, CHUM, CHUM, J20K, J20K, H17K, H17K, H17K, F14K, F14K, TNA, TNA, DHY, DHY, RND, RND, AMTX.

2020 MAY

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like YUK8, YUK8, GCSA, GCSA, YUK6, YUK6, Q32M, Q32M, HYT, HYT, HYT, PAX, PAX, PAX, PAX, M26K, M26K, P32M, P32M, PS32M, PS32M, MCK, MCK, MCK, F15K, F15K, F15K, YUK3, YUK3, BRWY, BRWY, H18K, H18K, H18K, YUK4, YUK4, G17K, G17K, G17K, I20K, I20K, M27K, M27K, M27K, M27K, DLBC, DLBC, DLBC, O30N, O30N, O30N, PB11, PB11, MENT, MENT, BWN, BWN, TIY, TIY, TIY, TIY, TIY, TIY, L26K, L26K, L26K, BVCY, BVCY, BVCY, SEY, SEY, SEY, PB08, PB08, WHY, WHY, WHY, N30M, N30M, N30M, H19K, H19K, H19K, K24K, K24K, K24K, R33M, R33M, R33M, G18K, G18K, G18K, G001, G001, H20K, H20K, P33M, P33M, P33M, NEA2, NEA2, NEA2, RIDG, RIDG, RIDG, RIDG.

28d 9h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like L27K, L27K, DOT, DOT, I21K, I21K, I21K, MLY, MLY, MLY, XAN, XAN, XAN, XAN, XAN, XAN, N31M, N31M, HDA, HDA, HDA, F17K, F17K, CCB, CCB, M29M, M29M, M29M, G19K, G19K, G19K, G19K, SCRK, SCRK, SCRK, H21K, H21K, H21K, I23K, I23K, I23K, COLA, COLA, COLA, COLA, COLA, KM12, KM12, KM12, CMAR, CMAR, CMAR, CMAR, F18K, F18K, WHTX, WHTX, ILAR, ILAR, ILAR, ILAR, ILAR, JTS, JTS, JTS, JTS, N32M, N32M, N32M, CHTO, CHTO, CHTO, J25K, J25K, J25K, XLT, XLT, XLT, XLT, XLT, HKT, HKT, HKT, POKR, POKR, POKR, E17K, E17K, E17K, M30M, M30M, M30M.

M30M	S	S	10 11 27.0 -0.4
baz=213			
K27K Chicken	95.20	14	IAMS_20 IAMS_20 10 44 37.8
comp=Z,3um,18.0s			
H22K Ishitama Cre	95.21	10	P P 10 00 14.2 +1.8
baz=201,SNR=7.6			
H22K Zeya	95.23	330	eP P 10 00 14.2 +1.5
comp=Z,10.0nm,1.0s			
ZEA			e 10 04 01.3
ZEA			e 10 10 49.6
ZEA			eS 10 11 25.9 -2.1
ZEA			ePS 10 12 45.0 -1.7
ZEA			eSP 10 12 51.4 +6.3
comp=Z,1.0nm,1.0s			pmax pmax
ZEA			smax smax
comp=Z,200nm,10.4s			pmax pmax
ZEA			smax smax
comp=E,800nm,7.6s			smax smax
comp=N,800nm,8.1s			smax smax
F19K Shalerucik Mo	95.30	7	IAMS_20 IAMS_20 10 43 49.4
baz=195			
F19K Shalerucik Mo	95.30	7	P P 10 00 14.3 +1.6
baz=195			
F19K			S S 10 11 26.4 -1.6
L29M L29M	95.31	16	IAMS_20 IAMS_20 10 39 45.7
comp=Z,3um,19.0s			
L29M L29M	95.31	16	P P 10 00 14.9 +2.0
baz=212,SNR=12			
L29M			S S 10 11 30.9 +2.5
H23K Yukon River	95.43	10	IAMS_20 IAMS_20 10 46 48.5
comp=Z,3um,18.0s			
H23K Yukon River	95.43	10	P P 10 00 14.7 +1.3
baz=202			
H23K			S S 10 11 29.5 +0.2
G21K Allakaket	95.50	9	P P 10 00 14.8 +1.1
baz=199			
G21K			S S 10 11 31.9 +2.1
baz=199			
M31M Drury Creek, Y	95.52	18	P P 10 00 15.5 +1.6
baz=215			
WTLY Watson Lake, Y	95.53	21	P P 10 00 15.9 +1.9
baz=220			
HDC Heredia	95.57	82	IAMS_20 IAMS_20 10 35 22.2
comp=Z,3um,18.0s			
E18K Tukpahaerik C	95.60	6	P P 10 00 15.8 +1.7
baz=183			
E18K			S S 10 11 31.6 +1.0
baz=193			
D17K Noatak River	95.68	5	P P 10 00 16.1 +1.6
baz=199			
H24K Noodor Dome	95.72	11	IAMS_20 IAMS_20 10 41 36.9
comp=Z,5um,20.0s			
H24K Noodor Dome	95.72	11	P P 10 00 15.3 +0.5
baz=204			
F20K Avaraart Lake	95.74	8	IAMS_20 IAMS_20 10 47 09.8
comp=Z,2um,19.0s			
F20K Avaraart Lake	95.74	8	P P 10 00 16.0 +1.3
baz=197			
DAWY Dawson	95.83	15	P P 10 00 17.4 +2.1
baz=211,SNR=7.5			
DAWY			S S 10 11 36.6 +3.7
PRP Porcupine Dome	95.84	12	IAMS_20 IAMS_20 10 42 07.0
comp=Z,2um,19.0s			
PRP Porcupine Dome	95.84	12	P P 10 00 16.8 +1.3
baz=206,SNR=9.2			
PRP			S S 10 11 36.3 +3.2
baz=206			
E19K Redstone River	95.96	7	IAMS_20 IAMS_20 10 47 49.7
comp=Z,2um,19.0s			
E19K Redstone River	95.96	7	P P 10 00 17.4 +1.6
baz=196			
E19K			S S 10 11 34.0 +0.2
baz=196			
RDG Red Dog Mine	96.04	5	IAMS_20 IAMS_20 10 41 24.3
comp=Z,3um,20.0s			
RDG Red Dog Mine	96.04	5	P P 10 00 17.8 +1.7
baz=191			
K29M Barlow Dome	96.08	16	IAMS_20 IAMS_20 10 40 49.0
comp=Z,3um,20.0s			
K29M Barlow Dome	96.08	16	P P 10 00 18.7 +2.2
baz=213,SNR=11			
K29M			S S 10 11 36.8 +1.6
baz=213			
HIA Hallar	96.09	323	IAMS_20 IAMS_20 10 40 32.4
comp=Z,4um,20.0s			
I26K Coal Creek Min	96.10	13	IAMS_20 IAMS_20 10 41 33.9
comp=Z,2um,19.0s			
I26K Coal Creek Min	96.10	13	P P 10 00 18.3 +1.9
baz=208			
C16K Lisburne Hills	96.10	4	IAMS_20 IAMS_20 10 41 26.0
comp=Z,2um,20.0s			
C16K Lisburne Hills	96.10	4	P P 10 00 17.9 +1.5
baz=188			
C16K			S S 10 11 36.0 +1.1
baz=188			
OTAV Otavalo	96.11	93	eP P 10 00 22.8 +4.5
G22K Bettles	96.16	9	P P 10 00 18.7 +2.0
baz=201			
F21K Altna River	96.18	8	P P 10 00 18.3 +1.5
baz=199			
G23K Bananza Creek	96.18	10	P P 10 00 17.7 +0.9
baz=202			
G23K			S S 10 11 37.9 +2.1
baz=202			
HHC Hu-ho-hao-te	96.23	313	eP P 10 00 16.5 -1.3
HHC			S SKS 10 10 51.5 -3.1
HHC			S S 10 11 36.8 -1.3
HHC			pmax pmax
comp=Z,6.0nm,0.6s			
HHC			pmax pmax
comp=Z,650nm,7.8s			LR LR
HHC			LR LR
comp=Z,750nm,17.3s			LR LR
HHC			LR LR
comp=Z,1um,18.1s			LR LR
HHC			LR LR
comp=Z,1um,18.3s			
PZH PanZhiHua	96.31	297	P P 10 00 21.0 +2.5
PZH			PP 10 04 17.5 +5.2
PZH			SKS SKS 10 10 52.0 -3.6
PZH			S S 10 11 36.0 -2.9
PZH			SS 10 18 12.3 +0.3
comp=Z,10.0nm,0.9s			pmax pmax
PZH			pmax pmax
comp=Z,540nm,6.7s			LR LR
PZH			LR LR
comp=Z,360nm,16.2s			LR LR
PZH			LR LR
comp=Z,950nm,18.5s			LR LR
PZH			LR LR
comp=Z,2um,17.8s			
J29N Klondike Camp	96.43	15	IAMS_20 IAMS_20 10 43 23.3
comp=Z,2um,19.0s			
J29N Klondike Camp	96.43	15	P P 10 00 19.5 +1.5
baz=212			
C17K DeLong Mountai	96.44	4	P P 10 00 19.6 +1.6
baz=190			
C17K			S S 10 11 39.1 +1.2
baz=190			
G24K Hadweencic Riv	96.57	11	IAMS_20 IAMS_20 10 42 03.6
comp=Z,3um,20.0s			
G24K Hadweencic Riv	96.57	11	P P 10 00 19.4 +0.8
baz=204			
BILL Biilbino	96.58	353	IAMS_20 IAMS_20 10 44 14.5
comp=Z,3um,20.0s			
BILL Biilbino	96.58	353	dP P 10 00 19.7 +1.1
comp=Z,25nm,1.0s			pmax pmax
F22K John River	96.62	9	P P 10 00 19.9 +1.2
baz=200			
I27K Kandik River	96.67	13	IAMS_20 IAMS_20 10 41 22.0
comp=Z,3um,20.0s			
I27K Kandik River	96.67	13	P P 10 00 19.5 +0.4
baz=209			
I27K			S S 10 11 44.2 +4.0
baz=209			
MMPY Sheldon Lake,	96.73	19	P P 10 00 21.2 +1.8
baz=218			
MMPY			S S 10 11 44.3 +3.6
baz=218			

C18K Utukok River	96.75	5	IAMS_20 IAMS_20 10 41 48.1
comp=Z,2um,20.0s			
C18K Utukok River	96.75	5	P P 10 00 20.9 +1.4
baz=192			
C18K			S S 10 11 41.0 +0.2
CD2 Chengdu	96.81	301	P P 10 00 18.8 -1.8
CD2			SKS SKS 10 10 54.3 -3.6
CD2			SS SS 10 11 46.5 +3.2
CD2			SS SS 10 18 18.5 -0.3
comp=Z,1um,7.6s			pmax pmax
CD2			LR LR
comp=Z,980nm,16.7s			LR LR
CD2			LR LR
comp=Z,1um,18.6s			LR LR
CD2			LR LR
comp=Z,2um,17.5s			LR LR
E20K Nigu River	96.84	7	P P 10 00 20.9 +1.0
baz=197			
E20K			S S 10 11 43.4 +1.9
baz=197			
G25K Bearman Lake	96.86	11	P P 10 00 21.1 +1.3
baz=206			
D19K Kuna River	96.88	6	IAMS_20 IAMS_20 10 45 03.1
comp=Z,3um,19.0s			
D19K Kuna River	96.88	6	P P 10 00 21.2 +1.2
baz=195			
D19K			S S 10 11 44.4 +2.7
baz=195			
I28M Miner Creek	96.89	14	IAMS_20 IAMS_20 10 44 47.7
comp=Z,3um,18.0s			
I28M Miner Creek	96.89	14	P P 10 00 20.7 +0.5
baz=211			
I28M			S S 10 11 45.1 +3.0
baz=211			
LPAZ La Paz	96.92	112	P P 10 00 27.6 +5.4
comp=Z,3.8nm,0.7s, baz=258, slow=3.2, SNR=18			LR LR
LPAZ			LR LR
comp=Z,1um,19.9s, baz=231, slow=31			
comp=Z,3.8nm,0.7s			
LPAZ			10 00 15.5 -6.7
LPAZ			10 00 29.9
comp=Z,6.2nm,0.8s			
LPAZ			10 00 24.6 +2.4
LPAZ			10 40 48.8
J30M Hart River	96.98	16	P P 10 00 22.0 +1.3
baz=214			
J30M			S S 10 11 44.2 +1.3
baz=214			
I29M Ogilvie Camp,	97.18	15	P P 10 00 22.8 +1.4
baz=212			
I29M			S S 10 11 46.0 +1.6
baz=212			
R32A Long Quarter,	97.20	50	IAMS_20 IAMS_20 10 39 54.3
comp=Z,4um,18.0s			
D20K Etiulik River	97.24	7	P Pdif 10 00 23.1 +1.4
baz=196			
D20K			S S 10 11 45.6 +0.8
baz=196			
H27K Steamboat Moun	97.24	13	IAMS_20 IAMS_20 10 46 23.0
comp=Z,3um,18.0s			
H27K Steamboat Moun	97.24	13	P Pdif 10 00 23.0 +1.2
baz=209			
H27K			S S 10 11 45.9 +0.9
baz=209			
F24K Squaw Lake	97.25	10	P Pdif 10 00 23.1 +1.3
baz=204			
F24K			S S 10 11 48.5 +3.5
baz=204			
E22K Anaktuvuk Pass	97.26	9	IAMS_20 IAMS_20 10 45 08.9
comp=Z,2um,19.0s			
E22K Anaktuvuk Pass	97.26	9	P Pdif 10 00 23.0 +1.2
baz=200			
E22K			S S 10 11 47.3 +2.3
baz=200			
E21K Killik River	97.27	8	IAMS_20 IAMS_20 10 48 10.4
comp=Z,2um,19.0s			
E21K Killik River	97.27	8	P Pdif 10 00 23.0 +1.2
baz=199			
E21K			S S 10 11 45.7 +0.6
baz=199			
BT02 Baotou	97.28	312	eP Pdif 10 00 25.0 +2.3
BT02			PP 10 04 25.0 +5.5
BT02			SKS SKS 10 10 56.0 -4.0
BT02			ScS ScS 10 11 51.0 +4.1
BT02			pmax pmax
comp=Z,22nm,2.0s			pmax pmax
BT02			LR LR
comp=Z,320nm,4.2s			LR LR
BT02			LR LR
comp=Z,2um,19.0s			LR LR
BT02			LR LR
comp=Z,1um,17.2s			LR LR
BT02			LR LR
comp=Z,2um,19.6s			
C19K Lookout Ridge	97.33	6	IAMS_20 IAMS_20 10 45 30.3
comp=Z,2um,19.0s			
C19K Lookout Ridge	97.33	6	P Pdif 10 00 23.1 +1.0
baz=194			
C19K			S S 10 11 47.7 +2.1
baz=194			
OK052 Battle Ridge R	97.34	53	IAMS_20 IAMS_20 10 45 15.0
comp=Z,3um,18.0s			
CZSB Cruzeiro do Su	97.37	103	eP Pdif 10 00 28.7 +5.1
comp=Z,4um,18.0s			
G26K Porcupine River	97.44	12	IAMS_20 IAMS_20 10 42 47.4
comp=Z,3um,20.0s			
G26K Porcupine River	97.44	12	P Pdif 10 00 24.1 +1.6
baz=208			
G26K			S S 10 11 46.4 -0.1
baz=208			
OK048 Pawnee Station	97.44	53	IAMS_20 IAMS_20 10 39 43.8
comp=Z,3um,19.0s			
E23K Chantalar	97.49	9	P Pdif 10 00 24.6 +1.7
baz=202			
E23K			S S 10 11 45.8 -1.3
baz=202			
I30M Mount Dempster	97.51	15	IAMS_20 IAMS_20 10 44 06.8
comp=Z,3um,19.0s			
I30M Mount Dempster	97.51	15	P Pdif 10 00 24.4 +1.4
baz=214,SNR=9.3			
I30M			S S 10 11 44.9 -2.5
baz=214			
441A DeRidder	97.51	59	IAMS_20 IAMS_20 10 40 06.7
comp=Z,3um,19.0s			
E24K Your Creek	97.67	10	IAMS_20 IAMS_20 10 48 11.7
comp=Z,4um,18.0s			
E24K Your Creek	97.67	10	P Pdif 10 00 25.3 +1.7
baz=203			
E24K			S S 10 11 47.9 -0.7
baz=203			
F25K Christian River	97.69	11	IAMS_20 IAMS_20 10 48 28.1
comp=Z,3um,19.0s			
F25K Christian Rive	97.69	11	P Pdif 10 00 25.8 +2.1
baz=206			
F25K			S S 10 11 48.3 -0.4
baz=206			
G27K Doyon Strip	97.72	13	IAMS_20 IAMS_20 10 42 07.7
comp=Z,3um,20.0s			
G27K Doyon Strip	97.72	13	P Pdif 10 00 25.9 +2.0
baz=209			
G27K			S S 10 11 47.6 -1.4
baz=209			
C21K Knifeblade Rid	97.86	7	P Pdif 10 00 26.1 +1.7
baz=198			
C21K			S S 10 11 50.4 +0.4
baz=198			

28d 10h

Table with columns for station name, coordinates, and various parameters. Includes stations like BATM Batumi, VSLR Socchi, KONO Kongsberg, etc.

2020 MAY

Table with columns for station name, coordinates, and various parameters. Includes stations like CLL comp=E,1um,18.3s, OKC comp=Z,2um,18.8s, STEB Dobruška-Polom, etc.

1850

Table with columns for station name, coordinates, and various parameters. Includes stations like MYKA comp=Z,457nm,5.5s, SQTA comp=Z,710nm,6.8s, SQTA comp=Z,418nm,4.6s, etc.

Detailed information for station DJA 28 09:53:00.9,0.3 N, 127° 12' E, including coordinates, station name, and a table of observation data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IKJM Ikemajima, JKE Kume jima 2, JKS Gusukube, etc.

NEIC 28 10:14:05.8; 1.7, 2.2; 3S:0.1x174.07W:0.09, h10km, 1km, mb4.5/9, Error ellipse: s-maj=21.6km s-min=14.4km az=174.0

IDC 28 10:14:06.0; 1.2, 2.2; 5S:174.47W, h0km, mb3.8/7, mbmp3.8/8, ML5.0/1, Error ellipse: s-maj=31.0km s-min=29.7km az=15.0

ISC 28 10:14:09.3; 0.9, 2.2; 5S:0.1x174.5W:0.2, h22km, n20, c067/19, mb4.0/10, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIUE Niue, MSVF Nonsavu, RAR Rarotonga, etc.

IDC 28 10:26:17.4; 1.1, 3.0; 94S:179.90E, h215km, 20km, mb3.2/2, mbmp4.0/4, Error ellipse: s-maj=47.1km s-min=19.3km az=127.0

WEL 28 10:26:23.0; 4.0, 3.2; 5.6x17.9W:1.4, h33km, mb4.9/6, ML4.4/14, MLV4.5/8, Mw(mb)4.2/6, Error ellipse: s-maj=19.2km s-min=2.8km az=111.1

NOU 28 10:27:03.8; 34.68S; 177.89E, h284km, MLV4.2/11, North of New Zealand

ISC 28 10:26:23.7; 1.0, 3.1; 85S:0.07x179.0W:0.1, h35km, n34, c1993/37, Kermadec Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WMGZ Te Kaha, HAZ Pakihiroa, PKGZ Pakihiroa, etc.

IDC 28 10:29:09.5; 2.7, 6.8; 1S:129.68E, h126km, 39km, mb3.0/1, mbtmp3.4/5, Error ellipse: s-maj=67.1km s-min=17.1km az=93.0, Banda Sea

IDC 28 10:36:49.7; 6.2, 5.4; 0.8N:159.50E, h0km, Error ellipse: s-maj=40.7km s-min=32.6km az=48.0, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I44RU PETROPAVLOVSK, PETK Petropavlovsk, etc.

ATH 28 10:44:13.8; 37.83N; 21.07E, h14km, ML3.1/22, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km

THE 28 10:44:15.3; 37.97N; 1E:0.21; 1E:0.7, h0km, M3.0/37, MLh3.0/37

ISC 28 10:44:15.1; 0.8, 3.7; 87N:0.02; 21.08E:0.02, h12km, 6km, n75, c079/132, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATH Kyllini, Iliia, G, CLEM Lechaina, LCHA Lithakia, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PVO Agios Ioannis, AIOA Efpalio, AGEO AgiosGeorgios, etc.

IDC 28 10:47:02.6; 1.4, 9.0; 0S:75.30W, h0km, mb3.4/3, mbtmp3.6/6, ML3.6/3, Error ellipse: s-maj=66.4km s-min=18.1km az=33.0

ISC 28 10:47:03.0; 9.0; 0S:73.3W:0.2, h10km, n9, c099/9, Central Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATAH Atahualpa, ATAH La Paz, LPAZ San Ignacio, etc.

JMA 28 11:07:17.2; 0.3, 4.4; 1N:2.2x14.8E:1, h0km, MV3.5/16, SE OFF ETOROFU

SKH 28 11:07:18.0; 0.1, 4.4; 50N:148.40E, h46km, 1km, mb4.1/3, ISC 28 11:07:16.1; 3.6, 4.4; 48N:0.1; 104.6E:0.2, h55km, n12, c154/20, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like REI Reidovoe, REI 110nm.0.4s, REI 50nm.0.2s, etc.

IDC 28 11:26:45.5; 11.0, 52.9; 6S:160.22E, h0km, mb3.8/4, mbtmp3.8/4, Error ellipse: s-maj=52.1km s-min=21.6km az=69.0, Macaorua Island region

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

28d 12h

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

HEL 28 11:30:26.0, 1.63:97N:28:11E, h0km, ML1.7, Suspected explosion

ISC 28 11:00:27.6, 1.7, 63:90N:28:01E, h0km, mbmp2.9/3, ML1.8/3, Error ellipse: s-maj=32.0km s-min=10.2km az=96.0

ISC 28 11:30:25.4, 0.7, 63:93N:28:07E:0.03, h0km, n40, a125/65, Finland

Main table of station data for the 28d 12h period, including stations like NIF Nilsia, RMF Romuvaara, OUL Oulu, etc.

2020 MAY

mbmp3.6/7, Error ellipse: s-maj=43.5km s-min=19.7km az=56.0

ISC 28 11:36:08.1, 1.3, 28:22N:02:104.9E:0.2, h35km, n7, o075/7, mb3.6/7, Sichuan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSRS Korea Array, MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

SDD 28 11:40:53.2, 1.9, 19:69N:65:63W, h31km, 435km, MD3.8, ML2.9, MW3.6, Presumed earthquake hypocentre not reviewed by the ISC

NEIC 28 11:40:54.7, 0.7, 19:03N:07:65:06W:0.06, h35km, 2km, ML3.0/33, MD3.6/8(RSPR), Error ellipse: s-maj=12.7km s-min=8.4km az=27.0

RSPR 28 11:40:56.4, 19:03N:65:13W, h27km±19km, MD3.6/8, 17C-6D, Puerto Rico region

Main table of station data for the 2020 MAY period, including stations like CUPR Culebra, HUMP Col San Antoni, HUMP Col San Antoni, etc.

ISC 28 11:55:28.2, 5.7, 35:01S:54:20E, h0km, mb3.7/2, mbmp3.7/2, Error ellipse: s-maj=355.9km s-min=48.8km az=34.0, South Indian Ocean

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H04N1 CROZET ISLANDS, H04N2 CROZET ISLANDS, H04N3 CROZET ISLANDS, etc.

1852

station magnitude of 3.30

ISC 28 12:09:48.8, 0.9, 80:40N:0:06:111W:0:04, h10km, n41, c267/67, 1C, North of Svalbard

Main table of station data for the 1852 period, including stations like NOR Nord, NOR Nord, NOR Nord, etc.

ISC 28 11:36:02.8, 1.1, 28:15N:104:86E, h0km, mb3.5/7,

BER 28 12:09:51.9, 3.4, 80:48N:1:08W, h10km, Mw4.0, ML3.6(NAO), Confirmed Earthquake

ATH 28 12:17:11.7, 37:24N:20:37E, h6km, 2km, ML3.5/15, Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

Table with columns: AXS, Araxos, 1.18 38 P, Pg, 12 17 34.4 -0.8, etc.

Table with columns: SOEI, Soe, 19 16 252 P, Pn, 12 24 36.7 +0.3, etc.

Table with columns: MWZ, Matawai, 46.39 142 P, P, 12 28 37.5 +0.8, etc.

BJI 28 12:20:11.3, 4.47Sx143.25E, h67km, mb5.1/11, mb4.8/57, Ms4.5/7, Ms7 4/26

MOS 28 12:20:12.0, 2.0, 4.20S:142.81E, h46km, mb4.9/34, Error ellipse: s-maj=10.8km s-min=5.6km az=111.1

IDC 28 12:20:13.7, 1.8, 4.22S:142.80E, h46km, mb4.3/23, mbmp=4.5/28, ML4.3/4, MS4.0/42, Error ellipse: s-maj=18.8km s-min=7.0km az=78.0

NEIC 28 12:20:16.3, 1.3, 4.18S:104.142.75E, 0.06, h64km, 5km, mb4.9/119, Error ellipse: s-maj=8.5km s-min=6.5km az=91.0

DJA 28 12:20:16.5, 0.4, 4.3S:114.3E, h59km, 3km, MA, 9/66, mb5.0/66, mb5.4/43, MLV5.6/7, Mw(MB)4.8/43, Mw(Mw)4.9/1, MwP5.2/1

GCMT 28 12:20:17.3, 0.2, 4.10S:0.02:142.82E, 0.02, h48km, 1km, MW5.0/96, Moment Tensor Solution. s55, c69; s96, c137; Duration: 0 Moment tensor: Scale 10^19Nm; M3.66t±0.07; Mw=3.20t±.12; Mw-0.46t±.13; Mw-1.16t±.11; Mw1.76t±.07; Mw2.08t±.11; Best double couple: M0.55400000; NP1=39.000000; s61.000000; A.60.000000; NP2=93.13.000000; s61.000000; A.109.000000; Principal axes: T 4.5510, Plg68.00000, Azm261.00000; N 0.0040, Plg16.00000, Azm124.00000; P -4.5570, Plg14.00000, Azm30.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 28 12:20:16.1, 0.4, 4.24S:0.03:142.77E, 0.04, h61km, 3km, h61km; pP, n612, c1915/567, mb4.8/124, 14C-13D, New Guinea

Main table with columns: Code, Station Name, Delta A, Az, Phase ID, Time Res, ISC, h, m, s, ISC, 12 20 50.0 -2.0, etc.

Main table with columns: FITZ, Fitzroy Crossi, 21 70 229 P, P, 12 25 00.6 -1.6, etc.

Main table with columns: CMAR, CMAR, 48 71 299 P, P, 12 28 54.3 -0.6, etc.

28d 12h

Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like MA2 Magadan, ZAK Zakamensk, TLY Talaya, CASY Casey, etc.

2020 MAY

Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like KURK Kurchatov, L14K Kuk Creek, O15K Ungalikthiuk R, etc.

1854

Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like G18K Tagagawik, F18K Selawik, HOM Homer, etc.

1855

Table with columns: IZ3K, B21K, B21K, DHY, DHY, DIV, H23K, KLU, KLU, A21K, WRH, M24K, E22K, E22K, G23K, KAIM, CCB, COLA, COLA, COLA, A22K, BMRM, HDA, B22K, POKR, HARP, H24K, N25K, IL31, ILAR, ILAR, ILAR, K24K, D23K, D23K, E23K, QSPA, QSPA, QSPA, QSPA, BGLC, TOLK, CRQE, G24K, G24K, RIDK, C23K, E24K, J25K, J25K, F24K, MCAR, PRP, DOT, MESA, D24K, M26K, SCRK, L26K, G25K, C24K, F25K, M27K, M27K, E25K, E25K, L27K, L27K, PINM, BCAR, BCAR, D25K, D25K, K27K, O28M, O28M, BVCY, G26K, G26K, YUK3, F26K, F26K, YUK8, I27K, I27K

2020 MAY

Table with columns: C26K, O29M, H27K, H27K, G27K, YUK4, C27K, YUK6, P29M, DAWY, DAWY, AB31, ABKAR, M29M, M29M, I28M, E27K, HYT, S31K, P30K, L29M, PLBC, N30M, J29N, D27M, F28M, SIT, I29M, K29M, K29M, M30M, O30N, H29M, E28M, SKAG, S32K, N31M, G29M, R32K, D28M, J30M, J30M, J30M, WHY, MAYO, I30M, I30M, E29M, EPYK, CRAG, U33K, P32M, G30M, M31M, F30M, WRAK, N32M, P33M, H31M, V35K, Q32M, G31M, F31M, S34M, INK, INK, R33M, M33M, T35M, U35K, DLBC, BBB, WTLY, A36M, C36M, KIRV, WRGLY, YKA, YKA, YKA, YKA, TROLL, NEW, KBZ, KBZ, LVZ

28d 12h

Table with columns: LVZ, VNA2, VNA2, VNA3, TXAR, GERE, EKA, PLCA, TORZ, LPAZ, LPAZ, CPUP, DBIC, DBIC, IDC 28, JMA 28, JMA 28, ISC 28, Code, JHO, JHO, JHO, JHYU, ONAJ, ONAJ, ONAJ, JFFD, JFK, JFK, JIHU, JYT, JYT, JCAJ, JOTO, JOTO, JOTO, JMM, JAG, JAG, JFY, JFY, MJAR, MJAR, MJAR, MJAR, JHM, JHM, JKA, H11N, H11N, H11N, H11S, H11S, H11S, ZAAO, ZAAO, ZALV, MKAR, KURK, KURK, KURB, BVAR, WRA, WRA, WRA, ASAR, ULM, ANMO, LPIG, TXAR, TKL, H03N, H03N, H03N, HEL 28, KOLA 28, IDC 28

Table with columns: Call Sign, Frequency, Mode, Power, Status, Date/Time, Azimuth, Elevation, SNR, etc. Includes stations like K20K, E18E, H19K, etc.

Table with columns: VRFID, Verbe Repeater, Frequency, Mode, Power, Status, Date/Time, Azimuth, Elevation, SNR, etc. Includes stations like H24K, NRIK, NRIK, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Status, Date/Time, Azimuth, Elevation, SNR, etc. Includes stations like Q32M, G30M, S34M, etc.

IDC 28 13:01:27.8-8.8, 16.345, 178.34W, h0km, mb3.4/3, mbtmpt3.4/3, Error ellipse: s-maj=396.9km s-min=36.4km az=142.0, Fiji Islands region

Code Station Name Az El Phase ID Time Res WRA Warramunga Arr 45.00 258 P 13 09 45.5 +0.2 ASAR Alice Springs 45.30 253 P 13 09 47.4 -0.3 ILAR Gileston Array 84.35 13 P 13 14 01.4 0.0

NAO 28 13:05:51.4, 36.76N-23.21E, h33km, MB3.8 ATH 28 13:05:55.5, 37.18N-20.35E, h5km, 1km, ML4.2/29, ITC 28 13:05:55.8, 1.3, 37.28N-20.47E, h15km, mb4.5/15, Error ellipse: s-maj=8.3km s-min=3.7km az=69.6

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

28d 13h

Table with columns: Station Name, Time, Magnitude, Direction, and other parameters. Includes stations like VALY Valyra, FSK Fiskardo, AAMF Ano Amfeia, etc.

2020 MAY

Table with columns: Station Name, Time, Magnitude, Direction, and other parameters. Includes stations like VRAC Vranov, GERES GERESS Array B, KHCC Kasparska Hora, etc.

1858

Table with columns: Station Name, Time, Magnitude, Direction, and other parameters. Includes stations like AKTO Aktubynsk, ARTI Arti, BORK Borovoye, etc.

NEIC 28 13:06:25.5 ± 1.8, 15°31'N, 107°95'W, 14W±0.03, h10km±2km, mb4.3/4.0, MD4.5/14(MEX), Error ellipse: s-maj=12.8km

MEX 28 13:06:31.5 ± 1.4, 15°48'N, 95°10'W, h18km±764km, MD4.5, Presumed earthquake

ISC 28 13:06:37.1 ± 1.2, 17°30'N, 93°80'W, h0km, mb3.6/4, mbmt3.6/5, ML3.3/2, MS3.5/7, Error ellipse: s-maj=28.0km s-min=11.1km az=166.0

Table with columns: Code, Station Name, Time, Magnitude, Direction, and other parameters. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Puerto Rico Se, Esperanza - Ma, Aguadilla, PR, Col San Antoni, etc.

IDC 28 14:08:12.9, 13.0, 17.51S, 167.34E, h0km, mb3.7/3, mbmp3.7/4, ML3.4/1, Error ellipse: s-maj=233.2km s-min=39.8km az=70.0

ISC 28 14:08:12.6, 1.7, 17.45S, 02.16773E, 0.09, h19km, n10, r154/10, mb3.9/3, Vanuatu Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Devils Point, Mare, Loyalty, Koumac, etc.

SSNC 28 14:09:31.4, 1.1, 19.11N, 80.05W, h28km, 12km, MD3.4, ML2.6, MW3.2, Presumed earthquake

JSN 28 14:09:31.8, 0.8, 0.9, 19.24N, 79.69W, h0km, 730km, MD4.1, Presumed earthquake

ISC 28 14:09:25.1, 2.0, 19.14N, 0.05, 79.92W, 0.04, h9km, 15km, n14, r273/26, 2C, Cuba region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Blossom Villag, The Bluff, Cay, Frank Sound, G, etc.

IDC 28 14:18:32.3, 2.3, 3.14S, 137.27E, h58km, 30km, mb3.3/2, mbmp3.6/6, ML3.7/4, Error ellipse: s-maj=19.5km s-min=17.8km az=2.0

ISC 28 14:18:30.4, 0.9, 3.34S, 0.08, 137.19E, 0.07, h35km, n6, r299/10, Irian Jaya

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Jayapura, Sonny Gata, Manicragua, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like FITZ, ASAR Alice Springs, MKAR Makanchi Array, etc.

WEL 28 14:24:59.1, 0.7, 37.1S, 177.8E, h29km, 7km, M3.1/18, ML3.0/19, ML3.0/19, Error ellipse: s-maj=8.5km s-min=2.0km az=62.6

NOU 28 14:24:59.2, 37.14S, 178.28E, h75km, mb3.8/9, Off E, Coast of N. Island, N.Z.

ISC 28 14:25:00.1, 1.4, 37.12S, 0.06, 177.82E, 0.05, h32km, 12km, n50, r129/67, Off east coast of North Island

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MXZ Matakaoa Point, HAZ Te Kaha, WIZ White Island, etc.

IDC 28 14:34:08.4, 1.7, 5.12S, 153.92E, h0km, mb3.3/4, mbmp3.5/5, ML1.5/1, Error ellipse: s-maj=55.1km s-min=35.6km az=114.0

ISC 28 14:34:14.5, 1.4, 5.2S, 0.3, 153.8E, 0.2, h35km, n9, r116/7, mb3.1/4, New Ireland region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 28 14:43:34.5, 1.7, 2.18S, 139.01E, h0km, mb3.0/2, mbmp3.1/3, ML3.0/1, Error ellipse: s-maj=32.4km s-min=16.8km az=8.0, Near north coast of Irian Jaya

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BJBQ Baie Johan-Bee, PMAQ Port Menier, SMO Clarke City, etc.

ISK 28 14:50:21.8, 38.39N, 44.50E, h5km, ML2.6/5, AFAD 28 14:50:23.0, 38.42N, 44.48E, h7km, 3km, ML2.4, AZER 28 14:50:26.3, 38.63N, 44.72E, h2km, ml2.2

ISC 28 14:50:23.2, 1.2, 38.40N, 0.03, 44.51E, 0.03, h8km, 10km, n18, r05/34, Turkey-Iran border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OZAP Van, Ozalp-Mer, YOVA Hakkari, Yksek, etc.

IDC 28 15:02:05.1, 1.5, 7.92S, 122.71E, h238km, 13km, mb2.7/1, mbmp3.6/6, Error ellipse: s-maj=82.9km s-min=12.3km az=58.0

ISC 28 15:02:04.6, 1.0, 7.93S, 0.10, 122.6E, 0.1, h26km, n16, r183/20, Flores Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MMRI Maumere, SOEI Soe, BATI Bautama, etc.

KOLA 28 15:22:48.9, 77.76N, 18.40E, h0km, ML1.9, Error ellipse: s-maj=12.3km s-min=4.5km az=90.0, Spitsbergen, Barentz Sea

BER 28 15:22:50.9, 0.7, 77.80N, 18.70E, h13km, 7km, ML1.6, Confirmed Earthquake, Svalbard region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SPA0 Spitsbergen Ar, SPA0 Spitsbergen Ar, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Christian Rive, Itoino, Yukuon, Hadweencic Riv, etc.

SCB 28 16:18:35.5-1.3, 21.94S:67.23W, h180km, 17km, MB4.0, ML3.4/2, Error ellipse: s-maj=6.2km s-min=4.6km az=0

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

NOU 28 16:25:50.6, 17.21S:168.14E, h0km, MLV3.9/13, Vanuatu Islands, Vanuatu Islands

NDI 28 16:35:32.4-2.0, 35.74N:79.63E, h150km, ML4.3, MW4.4, ML4.3(CSEM), Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Alchi Leh, Tissa, etc.

Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Thein Dam, Bhakra, Kurchatov Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Sorong, Namlea, Gorontalo, etc.

GCG 28 17:02:51.9-0.3, 13.29N:89.96W, h30km, 3km, MD3.5, Presumed earthquake

SNET 28 17:02:50.0-0.3, 13.25N:89.98W, h60km, ML2.9, 2C-5D, Presumed earthquake, El Salvador

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Jayaque, Cerro Verde, etc.

NOU 28 17:12:58.3, 40.85S:176.84E, h68km, MLV3.5/6, North Island, New Zealand

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Tiraumea, Pori Road, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like WDPSS, CPFS, CPWZ, etc.

WEL 28 17:30:30.7, 1.2, 32.3'S, 168.0'W, 1.8, h369km, 1.7km, mb3.4/1.4, ML4.1/7.1, MLV4.5/6.1, Mw(MB)3.1/4.4, Error ellipse: s-maj=24.9km s-min=6.8km az=108.0, Kermadec

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like GLKZ, HAZ, WCG, etc.

NIED 28 17:33:38.6, 33.43N:140.92E, h37km, MW3.8, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm, Mw1.75, Mw=1.50, Mb=2.3, Ms=2.20, Mw=2.0; Mw=2.56; Fault plane solution: M4.9000x10^14 NP1: 0=217.0000, 336.0000, 1.599.0000, NP2: 0=324.0000, 378.0000, 1.566.0000

ICC 28 17:33:38.4, 1.0, 32.72N:139.15E, h0km, mb3.6/4, mbmp3.6/5, ML2.8/1 Error ellipse: s-maj=23.6km s-min=14.6km az=135.0

JMA 28 17:33:38.0, 1.33, 4N:0.4, 140.9E:0.8, h49km, 4km, MW3.6/3.4 E OFF HACHIOJIMA ISLAND

ISC 28 17:33:39.1, 5.33, 37N:0.05:140.90E:0.8, h46km, 16km, n21, 0978/36, mb3.6/4, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like JHU2, JHU3, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like JMKN, BSO1, BSO1, etc.

ICC 28 17:35:35.8, 4.7, 14.76N:146.00E, h67km, 39km, mb3.2/4, mbmp3.5/4, MS3.4/1, Error ellipse: s-maj=58.3km s-min=26.4km az=99.0

NEIC 28 17:35:35.6, 0.9, 14.78N:0.09, 146.0E:0.1, h57km, 9km, mb4.1/5, Error ellipse: s-maj=19.4km s-min=10.0km az=118.0

ISC 28 17:35:40.4, 1.3, 14.6N:0.2, 145.6E:0.3, h109km, n13, n199/14, mb3.6/7, Mariana Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like GUMO, GUMO, GUMO, etc.

NAO 28 17:35:56.1, 34.26N:24.16E, h33km, MB3.8, ICC 28 17:36:23.1, 0.9, 37.34N:20.62E, h0km, mb3.7/12, mbmp3.6/20, ML3.6/6, MS3.2/16, Error ellipse: s-maj=17.7km s-min=14.6km az=174.0

ATH 28 17:36:24.0, 37.22N:20.33E, h17km, 3km, ML3.8/7, Latitude uncertainty: 1 km; Longitude uncertainty: 2 km

THE 28 17:36:26.8, 37 N:2 x 2 1E, h16km, 2km, M3.7/13, ML3.7/13

ISC 28 17:36:24.4, 1.8, 37.29N:0.04:20.50E:0.04, h8km, 12km, n75, 1923/84, mb3.6/11, MS3.2/16, 10-SD, Ionian Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like LTHK, LTHK, ORTH, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like MLR, MLR, NEHR, etc.

NOU 28 17:37:51.9, 17.09S:167.78E, h0km, MLV4.2/14, Vanuatu Islands

ICC 28 17:37:54.1, 7.3, 16.91S:167.36E, h0km, mb4.1/4, mbmp4.1/4, MS3.8/2, Error ellipse: s-maj=157.6km s-min=59.3km az=109.0

NEIC 28 17:37:55.0, 2.5, 17.3S:0.1, 167.7E:0.1, h10km, 2km, mb4.6/13, Error ellipse: s-maj=22.5km s-min=18.2km az=46.0

ISC 28 17:37:54.8, 1.3, 17.2S:0.1, 167.9E:0.1, h21km, n33, n1919/31, mb4.6/11, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like DVP, DVP, RTV, etc.

comp=2.4,8nm,1.3s ELK Elko 91.48 48 LR LR 18 23 39.9 comp=2.177nm,21.7s,baz=158,slow=30

IDC 28 17:46:02.01.0.1, 38.72N, 142.52E, h0km, mb3.8/13, mblmp3.8/18, ML3.2/5, MS2.9/5, Error ellipse: s-maj=21.9km s-min=17.9km az=101.0 NEIC 28 17:46:06.1.2.0.38, 68N, 0.04, 142.5E, 0.1, h25km, 5km, mb4.6/10, Error ellipse: s-maj=13.5km s-min=4.3km az=71.0 NIED 28 17:46:11.0.0.1, 38.62N, 141.90E, h48km, MW3.8, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mn:4.54; Mw:0.23; Ms:4.40; Mo:1.47; Mw:1.64; Mw:4.40; Fault plane solution: Mo:6.61000x10^14 NP1: 0.200000, 0.23, 0.00000, 0.91, 0.00000. NP2: 0.19, 0.00000, 0.67, 0.00000, 0.89, 0.00000. JMA 28 17:46:11.0.0.1, 38.6N, 0.2, 141.9E, 0.5, h48km, MV3.8/40, KINAKAZAN REGION JMA Fell II J1 at KINAKAZAN REGION. ISC 28 17:46:08.0.1.6, 38.60N, 0.05, 142.23E, 0.10, h43km, 14km, n50, c1545/57, mb4.1/19, 18D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC h m s, ISC h m s, Res. Rows include stations like Kesenumatomot, Ofunato, Ishinomakikobu, Ouri, Ichinosaki, Ohasama, Marumori, Rokugo, Kanehama, Inuyama, Matsuhiro, Matsuhiro Arr, Kurchatov Arr, Kuroka, Hachijo jima, Ussuriysk Arr, Nakatsuue, Korea Array, Chiang Mai Arr, Makanchi Array, Kurchatov Arr, Eielson Array, Borovoye Array, Akbulak array, Kurchatov Arr, Warramunga Arr, YK, Alice Springs, Matsuhiro Arr, ARCES Array B, ARCES Array B, FINESS Array B, Hagfors, NORARS Array B, Malin Array B, Deep Springs, Utuado, UPR.

NOU 28 17:55:21.9, 17.14S, 167.84E, h4km, MLV4.1/15, Vanuatu Islands, Vanuatu Islands Code Station Name Az AzZ Phase ID Time Res ISC h m s, ISC h m s, Res. Rows include stations like Devils Point, Devils Point, Rentapao, Rentapao, Mare, Loyalty, Koum, Koum, Mammie plateau, Pout Laquerre, Ouen Island, Ouen Island.

IDC 28 18:10:36.9.2.4.9, 25S, 113.46E, h0km, mb3.77, mblmp3.78, ML3.3/1, MS3.0/1, Error ellipse: s-maj=14.8km s-min=17.8km az=51.0

DJA 28 18:10:43.8.0.3.9, S, 3.3, 11.4E, h10km, M4.1/29, mb4.1/7, MLV4.1/29 ISC 28 18:10:42.4.0.8, 9.42S, 0.07, 113.56E, 0.06, h26km, n27, c2523/26, mb3.9/7, South of Jawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC h m s, ISC h m s, Res. Rows include stations like JAGI Jajag, Banyuwa, BLJI Banyuglugur, RTBI Bangdo, Negare, IGBI Denpasar, ABJI Asem Bagus, KHKI Kahang-Kahang, KPHJ Kawatu-Nganju, YOGI Yogyakarta, PLAI Piampang, DBNI Kabupaten Domp, KPJI Waikabubak, Su, LBFI Labuhan Bajo, WSI Waingapu, KAPI Kappang, BSSI Bau Baw, Buton, CGJ Cibong, FITZ Fitzroy Crossi, SIJI Sorong, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, SONM Songino Array, MKAR Makanchi Array, KURBB Kurchatov Arr, ZALV Zalesovo Beam.

IDC 28 18:16:21.6.4.9, 20.87S, 177.36W, h540km, 29km, mb3.5/6, mblmp4.4/8, Error ellipse: s-maj=47.42km s-min=41.7km az=127.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC h m s, ISC h m s, Res. Rows include stations like MSVF Nonsavu, DZM Mont Dzumac, CTA Charters Tower, JAY Jayapura, ASAR Alice Springs, WRA Warramunga Arr, FITZ Fitzroy Crossi, SIJI Sorong, AKASA Malin Array Be.

IDC 28 18:42:14.8.1.3, 18.09S, 177.90W, h575km, 14km, mb3.4/9, mblmp4.3/12, Error ellipse: s-maj=20.6km s-min=14.8km az=119.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC h m s, ISC h m s, Res. Rows include stations like MSVF Nonsavu, AFI Afilamau, DZM Mont Dzumac, URZ Urewera, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, MJAR Matsuhiro Arr, QSPA South Pole Qui, PETK Petropavlovsk, ILAR Eielson Array, CMAR Chiang Mai Arr, BRTR Keskin Array B, CLL Collin, MMAL Mount Meron Arr, GERES Geres Array B, DAVOX Davos/Dischmat.

NAO 28 18:44:54.9, 35.49N, 24.21E, h33km, MB3.5 ATH 28 18:45:11.1, 37.18N, 20.24E, h6km, ML3.6/27, Latitude uncertainty: 1 km; Longitude uncertainty: 1 km IDC 28 18:45:12.3.1.1, 37.33N, 20.72E, h0km, mb3.77, mblmp3.5/14, ML3.1/6, MS3.2/6, Error ellipse: s-maj=21.3km s-min=16.3km az=166.0 THE 28 18:45:15.1, 37.1N, 22.2E, h3km, 1km, M3.5/20, ML3.5/20 ISC 28 18:45:13.6.1.4, 37.25N, 0.04, 20.47E, 0.04, h12km, 9km, n101, c089/118, mb3.6/6, MS3.6/4, 2C, Ionian Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC h m s, ISC h m s, Res. Rows include stations like LTHK Lithakia, LTHK Lithakia, ORTH Orthonies, Zaky, ORTH Orthonies, Kipseli, Zakin.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC h m s, ISC h m s, Res. Rows include stations like KYPS Kyllini, Jlia, G, Ratzakli, Kefa, Ratzakli, Kefa, Argostoli, Argostoli, Valsamata, Valsamata, Lixouri, Cepha, Zacharo, Damouliana-K, Damouliana-K, SMHA Samh, Artemida-Makis, Artemida-Makis, Artemida-Makis, PYL1 Pylos, PYLOS, MTHA Methoni, YRMI Loutra Irminis, Riolos of Patr, Riolos of Patr, VASILIKIAPDES, Ithomi, Ithomi, AXS Araxos, Araxos, DRO Drossa, DRO Drossa, FSK Fiskardo, FSK Fiskardo, AAMF Ano Amfeia, EVGI Lefkada island, EVGI Lefkada island, PLEV Plevrona-Mesol, DRAG Dragan-Lefkad, DRAG Dragan-Lefkad, UPR University Cam, NYDR Nydri-Lefkada, NYDR Nydri-Lefkada, AGRP Agropidokambos, KLV Klavritia, VLV Vlachokerasia, VLV Vlachokerasia, LK2 Lefkada island, LK2 Lefkada island, AIOA Agios Ioannis, THLK Thessaloniki, TSKL Tsoukalades, L, MALA Malamata, Dori, PVA Paravola, AGEO Agios Giorgios, EFP Efpalio, GUR Gour, MG00 Magoula, Dorid, PYRG Pyrgos, Dorida, PSARO Psaromita, Dorid, KALE Kalithea, ANX Ano Chora, ANX Ampaki, PANR Panormos, Dori, EVR Evrytania, VLI Velvia, LTK Lutraki, KETR Ketraki, MAKR Makrakomi, Fih, IGT Igoumenitsa, AGG Agios Georgios, AXAR Agios Charalam, STFN Stefan, THLK Thessaloniki, VLY Voula, Athens, ATHU Athens University, DION Dionisos Attik, KYMI Kymi, Euboea I, MLR Agia Marina, M, OHR Otrid, IDI Anoyia, IDI Anoyia, IDI Anoyia, IDI Anoyia, VAY Valandovo, VAE Valguarnera, KEST Kesra, MLR Muntele Rosu, MLR Muntele Rosu, MLR Muntele Rosu, PLOR Plorin, PLOR Plorin, KESKIN Arra, GERES Geres Array B, AKASA Malin Array Be, ESDC Sonseca Array B, NOA NORARS Subarra, NOA NORARS Array B, TORD Torodi Arr, ARCES ARCESS Array B, FURI Furi, KURBB Kurchatov Arr, MKAR Makanchi Array, ZALV Zalesovo Beam, TGY Tagaytay City, JCJ Chichijima.

IDC 28 19:09:03.2.2.5, 13.44N, 92.35W, h0km, mb3.9/3, mblmp3.7/5, ML3.2/3, MS3.7/5, Error ellipse: s-maj=28.9km az=177.0

NEIC 28 19:09:05.6:1.9, 13.50N,0.04:92.35W,0.05,h10km,2km, mb4.2/15, Error ellipse: s-maj=9.2km s-min=4.8km az=118.0

MEX 28 19:09:09.1:0.5, 13.72N:92.54W, h10km, MD4.0, Presumed earthquake

GCG 28 19:09:13.9:1.1, 13.85N:91.91W, h14km, 13km, MD4.5, Presumed earthquake

ISC 28 19:09:06.0:1.9, 13.76N,0.07:92.38W,0.05,h12km,10km, n46, e1961/52, mb4.2/7, MS3.5/5, 1C, Off coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, h, m, s, ISC. Lists various seismic stations and their recorded data.

IDC 28 19:10:56.7:1.6, 1.55N,98.59E, h0km, mb3.7/6, mbmp3.7/7, ML4.2/1, Error ellipse: s-maj=80.1km s-min=19.9km az=52.0

DJA 28 19:11:13.7:0.2, 2.12N,2.99E, h115km, 3km, M4.0/37, mb4.3/6, ML3.9/37

ISC 28 19:11:11.8:0.8, 1.94N,0.05:99.02E,0.06,h100km,n27, c2558/28, mb3.8/6, Northern Sumatera

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations for IDC, DJA, and ISC events.

KRNET 28 19:17:52.4:0.1, 39.29N,79.58E, mb3.0, SOME 28 19:17:54.2, 42.18N,81.15E, h15km, NNC 28 19:17:54.0:1.2, 42.22N,81.16E, h0km, mb3.2, mpv3.2, 9C-3D, Error ellipse: s-maj=8.5km s-min=7.0km az=178.0, Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations for KRNET, SOME, and NNC events.

NCEDC 28 19:19:13.1:1.1, 36.64N,0.01:121.26W,0.02, h9km, 6km, Error ellipse: s-maj=2.5km s-min=1.4km az=223.0

NEIC 28 19:19:12.8:1.2, 36.64N,0.03:121.28W,0.03, h9km, 6km, ML3.3/122, Mwr3.5/4(NEICD), Error ellipse: s-maj=1.1km s-min=3.1km az=211.0, Central California

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations for NCEDC and NEIC events.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations for BPRM, LRC, SLD, GHS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations for CPMN, KCC, FARB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SYP Santa Ynez Pea, WAKR Walker, MNRC McLaughlin Min, etc.

ICD 28:19:34:20.2,0.8,23.49N,120.77E,h0km,mb3.8/14, mbtmp3.9/17,ML3.4/3,MS3.3/11,Error ellipse: s-maj=22.3km s-min=18.1km az=61.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHNS Tsaling, WHYT Xinyi Township, ALS Alishan, etc.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TPUB Wufeng, WDFD Pulli Township, DPDB Guoxing, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PHUB P'eng-hu, PNG Penghu, PNGS Gushan, etc.

28d 20h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like KSRS Korea Array, JHJ Hachiojima 2, MJAR Matsushiro Arr, etc.

IDC 28 20:02:24.2.0.9, 43.53N; 105.26W, h0km, mbmtp3.4/3, ML3.4/3, Error ellipse: s-maj=59.2km s-min=8.9km az=152.0

NEIC 28 20:02:25.0.0.6, 43.76N; 105.3W; 0.1, h0km, 1km, ML3.5/65, Error ellipse: s-maj=15.0km s-min=1.0km az=252.0

ISC 28 20:02:24.2.0.9, 43.95N; 105.66W; 0.03, h0km, n35, +1948/26, Wyoming

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like RSSD Black Hills, LAO LASA Array, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like PDAR Pinedale Array, YNE Yellowstone No, etc.

JMA 28 20:14:58.2.0.4, 27.1N; 121.6E; h27km, MV3.4/14, NW OFF OKINAWAJIMA IS

IDC 28 20:15:03.9.4.9, 26.98N; 126.45E, h46km, 57km, mb3.3/7, mbmtp3.6/10, ML3.2/3, MS3.0/6, Error ellipse: s-maj=49.6km s-min=14.1km az=53.0

ISC 28 20:15:02.3.0.9, 26.74N; 126.36E; 0.08, h35km, n27, +1946/20, mb3.6/7, MS3.1/3, Ryukyu Islands

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

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Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like DAV Davao City (W), GUMO Guam, etc.

IDC 28 20:47:41.5.5.5, 34.45N; 101.04E, h0km, mb3.0/2, mbmtp3.5/5, ML3.6/3, MS2.7/1, Error ellipse: s-maj=80.8km s-min=20.5km az=168.0, Qinghai

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like LZDM Lanzhou Array, etc.

SOF 28 20:51:24.6, 41.29N; 0.01; 22.63E; 0.03, h5km, 5km, MD2.9/4

SKO 28 20:51:25.0, 41.22N; 22.69E, h15km, ML2.2

ATH 28 20:51:25.0, 41.29N; 22.68E, h11km, 1km, ML2.3/14, Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

BEO 28 20:51:25.5.0.5, 41.29N; 22.66E, h6km, 4km, ML2.4/9

ISC 28 20:51:25.5.0.8, 41.28N; 0.02; 22.69E; 0.02, h14km, 6km, n50, +0970/72, ID, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like VAY Valandovo, etc.

NEIC 28 20:02:24.2.0.9, 43.53N; 105.26W, h0km, mbmtp3.4/3, ML3.4/3, Error ellipse: s-maj=59.2km s-min=8.9km az=152.0

NEIC 28 20:02:25.0.0.6, 43.76N; 105.3W; 0.1, h0km, 1km, ML3.5/65, Error ellipse: s-maj=15.0km s-min=1.0km az=252.0

ISC 28 20:02:24.2.0.9, 43.95N; 105.66W; 0.03, h0km, n35, +1948/26, Wyoming

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

SOF 28 20:52:50.5, 41.29N; 0.01; 22.65E; 0.02, h12km, 2km, MD3.5/6

THE 28 20:52:51.7, 41.31N; 1.0; 23E; h3km, 1km, ML2.5/15, MLh2.5/15

ATH 28 20:52:51.8, 41.24N; 22.71E, h12km, 1km, ML2.6/13, Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

BEO 28 20:52:51.6, 0.5, 41.30N; 22.66E, h0km, 4km, ML2.5/9

SKO 28 20:52:51.3, 41.22N; 22.73E, h9km, ML2.5

ISC 28 20:52:51.6, 0.8, 41.27N; 0.02; 22.70E; 0.02, h11km, 6km, n65, +0963/98, ID, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Valandovo, Kendrikon, Krupnik, Thessaloniki, Serrai, etc.

NIED 28 21:24:36.1, 33°93'N:135°95'E, h42km, MW3.5/40, 14D, SOUTHERN MIE PREF, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JMMH, JNTC, JNTK, etc.

TIR 28 21:32:33.6, 39°02'N:20°51'E, h4km, M3.4/3, 1.1, 39°34'N:20°63'E, h0km, mb3.5/1, m-bmp3.4/16, ML3.3/4, Error ellipse: s-maj=19.3km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Parga, Arta, Igoumenitsa, Tsoukalades, Lefkada island, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBN Korca, VLO Vloria, OHR Ohrid, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Sonseca Array, HFS Hagfjors, FINES FINES Array B, etc.

IDC 28 21:34:04.6, 3.1, 33°86'N:141°01'E, h0km, mb3.7/6, m-bmp3.6/7, ML2.8/1, Error ellipse: s-maj=115.7km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Boso, Bosog, Bosod, etc.

IDC 28 21:36:16.6, 1.2, 5°68'N:126°36'E, h0km, mb3.6/5, m-bmp3.6/6, ML3.4/1, Error ellipse: s-maj=122.6km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Don Marcelino, DAV Davao City, DAV Davao City, etc.

IDC 28 21:41:48.1, 2.2, 34°19'N:141°74'E, h0km, mb3.4/3, m-bmp3.3/4, ML2.4/1, Error ellipse: s-maj=38.5km

MKAN Makanchi Array 90.72 34 P P 22 37 02.8 +0.7

IDC 28 22:28:49.1±1.1, 28:69N:43:75W, h0km, mb3.6/9, mbtmp3.6/9, Error ellipse: s-maj=34.7km s-min=22.3km az=4.0

ISC 28 22:28:50.9±0.2, 28:72N:43:8W.01, h12km, n14, c0577.9, mb3.8/8, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Rows include TORO, KEST, H10N2, H10N3, H10N1, H10N3, H10S2, LPAZ, TXAR, PDAR, YKA, BRTR, ILAR, KURBB.

IDC 28 23:00:31.7±0.9, 0:46S:67:27E, h0km, mb4.1/15, mbtmp4.2/16, ML4.5/1, MS3.7/30, Error ellipse: s-maj=25.6km s-min=17.7km az=33.0

NEIC 28 23:00:33.8±1.7, 0:61S:0:10:67:39E:0:03, h10km, 1km, mb4.6/54, Error ellipse: s-maj=17.0km s-min=5.4km az=1.85/0

ISC 28 23:00:34.4±0.5, 0:62S:0:09:67:38E:0:06, h19km, n124, c1506.93, mb4.5/50, MS3.7/31, 4C-1D, Carlsberg Ridge

Main table for 1871 with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Rows include KAAM, HMDM, MISEY, PALK, PALK, OPO, LHMI, FURI, KMB0, LKOD, BRDH, EVN, HRA, CMAR, CMAR, CHTO, MBAR, MBAR, LSA, GAR, DRK, KSH2, LEM, BTK, BSZ, LSZ, NRN, EIL, TARG, KDJ, ASF, AAK, AAK, BOOM, KK31, KKAR, FRU1, MMAI, GNI, GNI, H04N2, H04N1, H04N3, WMQ, MAZ, MAZ, MKAR.

Main table for 2020 MAY with columns: MKAR, KBZ, TOKA, KIV, AB31, ABKAR, BRTR, BRTR, AKTO, ILGA, KURBB, XAN, XAN, XAN, KURK, TSUM, KAPI, TOLIZ, BVAR, SUR, H01W3, H01W2, H01W1, ALN, RDO, ZAAO, ZALV, ZALV, ZALV, ZALV, AKASG, AKASG, AKKB, KIRV, TIP, FDMO, MAW, HILR, KSRS, CTI, CTI, WRA, WRA, ASAR, FUORN, FUORN, DAVOX, CLL, CLL, ASAR, BNX, BNX, BNI, SENIN, WLF, WLF, DBIC, DBIC, JGF, NOA, KEV, ARCE, ESDC, ESDC, CTAO, CTAO, TROLL, TROLL, TIXI, TIXI, SNA, SNA, VNA2, VNA1, VNA3, MA2.

Main table for 28d 23h with columns: VVDA, PEAOB, YKA, TXAR, TXAR, MLCM, IPEC, BGR, IDC, DNK, PRU, UPP, ISC, Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Rows include VVDA, PEAOB, YKA, TXAR, MLCM, IPEC, BGR, IDC, DNK, PRU, UPP, ISC, Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC.

28d 23h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SDPT Sand Point, E17K Hotham Inlet, N15K Kwethluk River, etc.

2020 MAY

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like F20K Avarakt Lake, O18K Koktuh Hills, O18K Koktuh Hills, etc.

1874

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like H23K Yukon River, I23K Minto, Yukon-K, I23K Minto, Yukon-K, etc.

1875

Table with columns: Name, Location, Date, Time, Status, etc. Includes entries like KLU Klutina, F26K Sheenjek River, CM31 Chiang Mai Arr, etc.

2020 MAY

Table with columns: Name, Location, Date, Time, Status, etc. Includes entries like AAA Alma-Ata, AAA Alma-Ata, AAA Alma-Ata, etc.

28d 23h

Table with columns: Name, Location, Date, Time, Status, etc. Includes entries like WHY Whitehorse, SKAG Skagway, A36M Sachs Harbour, etc.

Table with columns: Station Name, Frequency, Power, Band, Azimuth, Elevation, SNR, and other technical details. Includes stations like OJC, STHS, MUKU, TURR, etc.

Table with columns: Station Name, Frequency, Power, Band, Azimuth, Elevation, SNR, and other technical details. Includes stations like CLL, PSZ, ISCO, MDUB, LOT, etc.

Table with columns: Station Name, Frequency, Power, Band, Azimuth, Elevation, SNR, and other technical details. Includes stations like SENIN, GDL2, P38A, SGRF, etc.

28d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, h, Time, Res. Includes rows for IZZE, SABU, GVD, MHLO, AYDN, AKAS, CAMEL, KANDR, DNZT, CAEL, TAVA, AYB, ESEN, NAZL, ENLL, DNIZ, IZMR, AMY, URLA, CHOS, ODEM, KIRA, CSS, MNC7, MMAO, GEM, KZIT, YTIR, DSI, MSBI, GHJA, PRNI, HRFI, EIL.

IDC 28 23:47:04.9-0.8, 28'S52N-43'89W, hOkm, mb4, 1/20, mtbmp4, 1/20, MS4, 0/65, Error ellipse: s-maj=25.5km s-min=16.2km az=172.0
NEIC 28 23:47:08.7-1.5, 28'7N-0'1-43'80W, 0.1, h10km, 1km, mb4, 7/373, Error ellipse: s-maj=17.7km s-min=15.1km az=150.0
GCMT 28 23:47:15.7-0.2, 28'S52N-0'02-43'66W, 0.01, h12km, MW5, 0/124, Moment Tensor Solution. s27, c31, s124, c191; Duration: 0 Moment tensor: SCAL 1016Nm; Mn=3.53e-07; Mxx=0.42e-08; Mxy=3.10e-06; Myz=1.39e-07; Mzz=0.73e-06; Mzz=0.13e-23; Best double couple: M=3.64000e+10; NPT=1.977-00000; d=46.00000; 1-116.00000; NP2=32.00000; P=50.00000; 1-66.00000; Principal axes: T 3.2940, P1g2.0000; Azm105.0000; N 0.6850, Plg18.0000; Nsm196.0000; -3.9860, Plg72.0000; Azm9.0000; asti refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, h, Time, Res. Includes rows for CMLA, SMRT, TDBA, FDFM, GBN, HAL, HUMP, SJG, PMOZ, MDP, SDD, PKME, BANI, SDDR, G62A, K62A, V61A, LDAQ, SDMD, NMDO, SCHG, SDV, SDV, 060A, SADO, M52A, O52A, Q52A, MDD1, MDD1, MDD1, MDD1, N51A, N51A, TKL, ESDC, ESDC.

2020 MAY

Table with columns: RCBR, O49A, U49A, SWET, N47A, CLTN, W48A, T47A, X48A, P46A, ROSC, WVT, Z47A, FRB, SFJD, BORG, P43A, OXF, Y45A, EKA, 346A, FVM, HBAR, N41A, THUN, T42A, CCM, LCAR, L40A, FCAR, CHOS, X40A, N38A, SCIA, Z41A, Z1A, JTS, HBAR, DBIC, BNI, U38A, BDFB, SUMC, TUL3, VILB, TAM, ULM, T35A, DEOK, TUE, TORD, TORD, OK051, KEST, KEST, KEST, W35A, DAVOX, FCC, FCC, H10N2, H10N3, CROK, H10N4, WHTX, CTI, H10S3, PLPT, H10S2, WMOK, CLL, CLL, ABTX, KHC, SMWD, GEC2, GERES, GERES, APMT, HND0, HND0, CMVL, HMBG, NOA, NOA, ATAH, VAE, AMTX, POST, POST.

1878

Table with columns: OZNA, HFS, VRAC, LPAZ, LPAZ, LPAZ, MORC, ISCO, ALPN, TXAR, TXAR, PSZ, ANMO, O20A, LENN, RLMT, Y22A, Y22A, EGMT, EGMT, EPT, SBT, GCMT, G001, PV01, PV01, BW06, PD31, PD31, PDAR, PDAR, PDAR, PDAR, MDCO, MVCO, PB11, YMP, PSGX, PV21, PV21, PB08, RDMU, RDMU, 121A, LOHW, FLWY, FLWY, YHH, YMR, SNOW, YHL, YHL, FXWY, FXWY, P18A, BOZ, AHID, BSUT, ECR, PATCX, SRU, SRU, P17A, LYMT, LYMT, EDM, EDM, BUR08, TCUT, FINES, FINESS, FINESS, FINESS, FINESS, FINESS, FINESS, X16A, DILMT, Q16A, CTU, MPU, MPU, MCMT, SPB2, PB03, YKA, YKA, YKA, ARCES, ARCES, SPUT, SPUT.

Table with columns: Station Name, Elevation, Date, Time, Status, and other details. Includes stations like MLR Muntele Rosu, HVU Hansel Valley, WUAZ Wupatki, etc.

Table with columns: Station Name, Elevation, Date, Time, Status, and other details. Includes stations like MMPY Sheldon Lake, BBBC Big Mountain B, MHC Mount Hamilton, etc.

Table with columns: Station Name, Elevation, Date, Time, Status, and other details. Includes stations like DHY Denali Highway, KLU Klutina, GNI Garni, etc.

29d Oh

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

IDC 28 23:57:03.5-4.9, 31.31N:88.60E, h0km, mb3.3/5, mbmp3.4/6, ML3.3/1, Error ellipse: s-maj=87.0km

ISC 28 23:57:11.6-4.0, 31.71N:0.4885E:0.3, h35km, n6, r138/6, mb3.3/4, Xizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR, KURBB, SONM, ZALV, BVAR, YKA.

IDC 28 23:59:39.8-2.8, 55.25N:158.58W, h0km, mb3.7/3, mbmp3.7/6, ML3.4/3, Error ellipse: s-maj=72.1km

NEIC 28 23:59:44.5-1.5, 56.25N:0.02:159.00W:0.03, h10km, 1km, ML3.7/52, ML3.4(AEIC), Error ellipse: s-maj=4.1km

AEIC 28 23:59:44.8-1.3, 56.30N:0.02:159.03W:0.02, h13km, 2km, Error ellipse: s-maj=3.2km s-min=1.8km az=176.0

ISC 28 23:59:44.8-0.8, 56.24N:0.03:159.10W:0.03, h15km, 5km, n69, r122/8/6, mb3.6/3, Alaska Peninsula

Main table for 29d Oh with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations and their data.

2000 MAY

Table with columns: M14K, Bethel, 4.77 343, Pn, 00 00 56.1 +0.5, 00 02 20.7

M16K Timber Creek 4.80 1 Pn 00 00 56.1 0.0

M16K comp=N,64nm,1.0s IAML 00 02 28.8

ILSW Iliamna South 4.90 38 Pn 00 00 58.1 +0.4

N19K Bonanza Creek 4.19 26 IAML 00 02 45.4

M17K Hottel River 5.25 9 Pn 00 01 02.0 -0.3

L16K Kukua Creek 5.45 341 Pn 00 01 05.7 -0.3

L16K Ohnat River 5.49 358 Pn 00 01 07.1 +0.1

M18K Stony River 5.53 16 Pn 00 01 06.1 -0.1

L15K Ungalak Mounta 5.59 348 Pn 00 01 05.9 -1.1

L17K Donlin 5.93 4 Pn 00 01 10.8 -0.9

L18K Granite Mounta 6.12 11 Pn 00 01 13.8 -0.5

L19K White Mountain 6.34 18 Pn 00 01 17.3 -0.1

M20K Styx River 6.44 26 Pn 00 01 18.8 0.0

K17K Iditarod 6.51 3 Pn 00 01 19.2 -0.4

J16K Anvik River 7.11 354 Pn 00 01 27.1 -0.8

J19K Poorman 7.97 11 Pn 00 01 39.3 -0.3

ILAR Gielson Arriv 10.44 40 Pn 00 02 14.4 +1.0

INK Inuvik 16.78 34 Pn 00 03 45.1 +4.4

YKA Yellowknife Ar 23.12 56 Pn 00 04 49.5 0.0

PETK Petropavlovsk 24.87 281 Pn 00 05 08.5 +2.3

CMAR Chiang Mai Arr 81.30 290 Pn 00 12 01.1 +1.0

IDC 29 00:05:20.7-2.1, 34.94S:179.89W, h0km, mb4.0/3, mbmp4.0/4, ML4.1/1, Error ellipse: s-maj=48.5km

WEL 29 00:05:28.8-0.9, 35.5S:18.0E:1.1, h12km, M3.9/18, mb4.2/2, ML3.9/21, ML3.9/18, MW(m)3.3/2, Error ellipse: s-maj=12.7km s-min=6.0km az=105.8

ISC 29 00:05:27.4-1.5, 35.30S:0.08:179.9W:0.1, h35km, n52, r189/71, mb3.9/3, East of North Island

Main table for 2000 MAY with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations and their data.

1880

Table with columns: SPITS Spitsbergen Ar, 2.02 201, P, Pn, 00 08 31.6 -1.6

BRBB Barentsburg B 2.27 211 eP Sbn 00 08 34.9 -1.6

BRBB Barentsburg B 2.27 211 eS Sbn 00 09 00.5 -3.2

BRBB Barentsburg A 2.30 211 eS Sbn 00 08 35.3 -1.6

BRBA Barentsburg A 2.30 211 eS Sbn 00 09 00.9 -3.5

BRBA Barentsburg A 2.30 211 eS Sbn 00 09 09.2 0.0

HSPB Hornsund (broa) 3.21 198 eP Pb 00 08 55.2 -1.6

HSPB Hornsund (broa) 3.21 198 iS Sbn 00 09 33.3 -2.1

HSPB Hornsund (broa) 3.21 198 S Sbn 00 09 22.4 -4.5

HOPEN Hopen 3.74 161 eP Sbn 00 09 05.2 -0.6

HOPEN Hopen 3.74 161 eS Pb 00 09 50.9 +0.4

OMEGA Omega 4.67 68 eS Sbn 00 09 09.9 +0.4

OMEGA Omega 4.67 68 eS Sbn 00 10 00.0 -2.8

IDC 29 00:22:34.0-3.1, 16.68S:168.30E, h0km, mb4.1/5, mbmp4.1/6, ML3.5/1, MS3.2/5, Error ellipse: s-maj=56.7km

ISC 29 00:22:39.2-2.4, 16.9S:0.1:168.3E:0.3, h35km, n8, r19/17, mb3.9/5, MS3.2/3, Vanuatu Islands

DZM Mont Dzumac 5.41 199 Pn 00 23 56.1 -1.5

DZM Warramunga Arr 5.41 199 Pn 00 24 59.7 +1.0

DZM baz=69,slow=17 LR Sn 00 25 22.2

AFI Afiatuu 19.45 84 LR LR 00 33 04.6

CTA Charters Town 21.13 258 LR LR 00 33 59.5

STKA Stephens Creek 28.41 233 P P 00 28 31.4 +0.8

STKA Stephens Creek 28.41 233 P LR 00 40 19.6

WRA Warramunga Arr 32.32 259 P P 00 29 04.2 -1.2

ASAR Alice Springs 32.89 253 P P 00 29 10.3 0.0

ASAR Fitzroy Crossi 32.89 253 LR LR 00 40 49.6

FITZ Fitzroy Crossi 40.63 262 P P 00 30 16.7 +0.5

QSPA South Pole Qui 73.12 180 P P 00 34 06.5 +0.5

TAP 29 00:22:48.4, 23.64N:120.76E, h14km, ML3.7/B, ISC 29 00:22:48.7-0.8, 23.65N:0.01:120.75E:0.01, h16km, 5km, n147, r086/252, 1C-1D, Taiwan

Main table for 1880 with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations and their data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TWC1, ECS, WDJ, etc.

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

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

NEIC 29 00:29:50.6, 0.18, 33S, 0.04, 69.26W, 0.08, h141km, gkm, mb4.6/3, Error ellipse: s-maj=11.3km s-min=5.5km az=100.0

IDC 29 00:29:51.5, 1.8, 18.38S, 68.88W, h138km, 13km, mb3.8/6, mbmp4.1/9, MS2.2/1, Error ellipse: s-maj=22.2km s-min=18.3km az=85.0

GUC 29 00:29:51.5, 0.7, 18.36S, 69.32W, h129km, 3km, ML3.7 VAO 29 00:29:55.1, 0.18, 14S, 68.73W, h142km, gkm, mb4.4

Presumed earthquake ISC 29 00:29:50.6, 0.18, 33S, 0.04, 69.13W, 0.06, h133km, gkm, m6.3, r134/89, mb3.9/4, 7-1D, Northern Chile

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

Table with columns: region, Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations grouped by region.

Table with columns: RAYN, Ar Rayn, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations in the Ar Rayn region.

IDC 29 00:35:06.7, 1.9, 5.11S, 131.30E, h0km, mb3.6/2, mbmp3.8/6, ML3.8/4, MS3.1/1, Error ellipse: s-maj=94.6km s-min=23.7km az=83.0

DJA 29 00:35:13.1, 0.3, 5.2, 131.2E, h89km, 7km, M4.3/21, mb4.2/7, M5.4/3, MLV4.2/21, Mw(M)4.8/3

ISC 29 00:35:09.5, 0.9, 5.12S, 0.05, 131.64E, 0.06, h47km, n17, 2002, Banda Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations in the Banda Sea region.

IDC 29 00:30:20.4, 1.1, 10.92N, 92.53E, h0km, mb3.9/16, mbmp4.0/18, ML4.0/2, MS3.5/7, Error ellipse: s-maj=27.3km s-min=23.0km az=24.0

TLY Talaya 40.71 10 P P 00 38 10.9 +0.4 ZAAO Zalesovo Array 42.56 353 P P 00 38 24.6 +0.7

IDC 29 00:46:39.9, 0.9, 35.48N, 140.88E, h0km, mb3.7/10, mbmp3.7/14, ML3.6/4, MS2.6/2, Error ellipse: s-maj=27.5km s-min=15.2km az=76.0

ISC 29 00:30:30.4, 0.5, 11.70N, 0.07, 92.35E, 0.04, h26km, n100, r1544/86, mb4.3/37, MS3.5/6, 3D, Andaman Islands

29d 2h

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like Anoyia, Gavdhos, Vamos, etc.

2020 MAY

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like Dead Sea, Keskin Array S, Keskin Array B, etc.

1884

Table with columns for call sign, name, frequency, mode, and other details. Includes stations like Kasperseke Hory, Dzubruska-Polom, KSP, etc.

1885

Table with columns: ZALV, NRIK, EVN, TSUM, SFJD, SONM, SONM, SONM, ULN, ULN, TIXI, SXHO, SCHQ, SCHQ, HHC, HHC, SUR, CMAR, KLR, SEY, C36M, C23K, C18K, D20K, E22K, G31M, KSR5, G29M, YKA, J30M, ILAR. Each row contains station name, time, and other details.

IDC 29 02:12:03.3:0.9,30.03S:60.67E,h0km,mb3.8/6, mbmp3.8/7,ML3.3/1, Error ellipse: s-maj=34.5km s-min=24.6km az=39.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Contains station data for IDC 29 02:12:03.3:0.9,30.03S:60.67E,h0km,mb3.8/6.

IDC 29 02:23:06.3:2.2,27.64N:56.42E,h0km,mb3.6/13, mbmp3.6/14,ML3.6/1, Error ellipse: s-maj=46.3km s-min=20.7km az=156.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Contains station data for IDC 29 02:23:06.3:2.2,27.64N:56.42E,h0km,mb3.6/13.

2020 MAY

Table with columns: TAFT, IKOO, SRVN, KLANJ, IRAM, MMAL, BRTR, AKTO, BVAR, MKAR, KURBB, AKASG, ZALV, FINES, HFS, NOA, ESDC, TORD, YKA. Each row contains station name, time, and other details.

AEIC 29 02:29:02.0:2.8,51.8N:0.1:178.0E:0.1,h10km,5km, Error ellipse: s-maj=17.9km s-min=10.9km az=190.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Contains station data for AEIC 29 02:29:02.0:2.8,51.8N:0.1:178.0E:0.1,h10km,5km.

Table with columns: KELY, BAYT, KOPT, KUMT, GUMT, YEDI, TNCL, ALUC, ALUC, KRIK, ECAT, IZDR, MKCZ, ILIC, KARO, BNGB, KOVA, KOVA, SUSE, CHOM, ELZ, VRTB, VRTB, MDIV, MIMR, ESJ, ELZG, SVRC, MUSA, DDEM, EOLT, EOLT, MDYL, MIMR, DBAD, CNGT, MUSH, MUSA, HEKM, HEKM, ORDU, DYBB, SCER, SVSK, AKCD, ERBA, CUAYA, TOKT, SAMS, SAMS, KBZ. Each row contains station name, time, and other details.

KVAR Kisilovodsk Arr 4.53 27 Pn Pn 03 27 06.3 -1.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Contains station data for KVAR Kisilovodsk Arr and other stations.

BUI 29 03:43:05.5,46:07N:149:82E,h164km,mb4.6/15, mb4.8/61

IDC 29 03:43:05.5,46:07N:149:82E,h164km,mb4.6/15, mb4.8/61, Error ellipse: s-maj=10.1km s-min=7.9km az=148.0

SKHL 29 03:43:07.0:0.6,46:00N:149:80E,h153km,8km,mb4.8/2, msh5.9/6

MOS 29 03:43:08.3:0.1,46:17N:149:61E,h179km,mb4.9/65, Error ellipse: s-maj=6.3km s-min=4.1km az=115.3

NEIC 29 03:43:08.2:1.9,46:14N:0.09:149:6E:0.1,h163km,2km, mb4.9/689, Error ellipse: s-maj=14.1km s-min=10.5km az=149.0

JMA 29 03:43:09.4:0.8,45:15N:5:15E:0.1,h171km,MV4.6/9, KURILE ISLANDS REGION

ISC 29 03:43:08.1:0.5,46:02N:0.04:149:72E:0.04,h171km,3km, h171km,pP-N,1162,r192/927,mb4.8/482,47C-56D, Kuril Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Contains station data for JMA 29 03:43:09.4:0.8,45:15N:5:15E:0.1,h171km,MV4.6/9.

IDC 29 03:05:52.8:1.4,8:21S:124:81E,h0km,mb3.7/2, mbmp4.0/6,ML4.1/4, Error ellipse: s-maj=52.2km s-min=22.0km az=78.0

DJA 29 03:06:07.0:0.0,5:9S:4:12E,h92km,6km,ML4.0/12, mb4.0/5,ML4.0/12

ISC 29 03:05:55.1:1.3,8:35S:0:09:125:21E:0:10,h24km,n13, c=201/16, Timor region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Contains station data for IDC 29 03:05:52.8:1.4,8:21S:124:81E,h0km,mb3.7/2.

DJA 29 03:08:26.1:0.3,8:5:6N:109E,h77km,4km,M3.7/24, mb5.7/2,mb4.3/3,MLV3.4/24,Mw(mb)5.2/2,Jawa

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Contains station data for DJA 29 03:08:26.1:0.3,8:5:6N:109E,h77km,4km,M3.7/24.

ISC 29 03:25:54.7:3.2,39:84N:40:11E,h0km,mbmp3.0/4, ML3.0/4, Error ellipse: s-maj=52.2km s-min=13.1km az=151.0

ISK 29 03:25:57.9,39:93N:39:91E,h8km,ML3.3/11 AFAD 29 03:25:57.7,39:95N:39:77E,h10km,2km,MW3.5 CFUSG 29 03:26:00.3,40:04N:39:72E,h5km,mb2.7/4,MW3.4/4, MSH3.1/4

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Contains station data for ISK 29 03:25:57.9,39:93N:39:91E,h8km,ML3.3/11.

Table with columns for station ID, name, elevation, frequency, mode, and coordinates. Includes stations like N19K Bonanza Creek, M19K Big River Lodge, and WAT1 Susitna Watana.

Table with columns for station ID, name, elevation, frequency, mode, and coordinates. Includes stations like E24K Your Creek, C24K Franklin Bluff, and TGL Tana Glacier.

Table with columns for station ID, name, elevation, frequency, mode, and coordinates. Includes stations like L27K Beaver Creek, BCAR M27K Edge Creek, and P32M Atlin.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like LCMT Little Creek M, NUKK Nuuk, SRU San Rafael Swab, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like X18A Snowflake, NRS Narsarsuaq, ECSD EROS Data Cent, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like H43A Windswept, VYHS Vyhne, TREC Trest, etc.

29d 4h

Table of meteorological data for stations 29d-4h, including station name, coordinates, and various parameters like elevation and wind speed.

2020 MAY

Table of meteorological data for stations 2020 MAY, including station name, coordinates, and various parameters like elevation and wind speed.

1890

Table of meteorological data for stations 1890, including station name, coordinates, and various parameters like elevation and wind speed.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like COEG, TECO, LFLU, SNVI, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like HUEH, ALLN, MGAN, RCPN, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like PFO, P17A, SADO, TCUT, etc.

Table with columns: STKA, Stephens Creek, 35.51 246 P, P, 05 11 37.9 +0.1, 0.8m, 0.4s, baz=44, slow=3, SNR=3.0, 0.8m, 0.4s

SNET 29 05:07:16.9.0.9, 13.121N;89.21W, h58km, ML2.6

Presumed earthquake

CATAC 29 05:07:16.9.0.5, 13.1N;4.8'9W, h31km, 2km, M2.6/12, ML2.6/12, Error ellipse: s-maj=7.9km s-min=-4.2km

az=19.5, confirmed

GCG 29 05:07:18.0.0.4, 13.26N;89.23W, h55km, 6km, MD3.5, Presumed earthquake

ISC 29 05:07:16.8.2.2, 13.11N;0.1;89.21W, 0.05, h45km, 14km, n32, c0551/53, 3D, El Salvador

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

ISC 29 05:24:21.1.5.1.8, 32.56N;85.19E, h0km, mb3.3/4, mbtm3.4/7, ML3.1/3, MS3.1/4, Error ellipse: s-maj=56.0km

s-min=22.7km az=63.0

ISC 29 05:24:23.4.1.5, 32.6N;0.2;85.2E, 0.3, h16km, n9, c020/7, mb3.5/4, Kizang

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

NNC 29 05:24:31.6.7.8, 39.41N;73.25E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=55.7km s-min=33.6km az=167.0

SOME 29 05:24:33.2, 39.42N;73.18E, h20km

ISC 29 05:24:30.4.6, 39.4N;0.2;73.1E, 0.09, h10km, n8, c172/11, 3C-1D, Tajikistan-Xinjiang border region

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

Table with columns: IUG, 48m, 0.3s, eS, Sg, 05 26 27.7 -2.0, KK31 Karatay Array, 4.18 333 fPg, Pb, 05 25 46.3 -1.4

ISC 29 05:25:25.7.0.8, 6.74N;72.98W, h156km, 13km, mb3.1/1, mbtm3.7/3, Error ellipse: s-maj=55.1km s-min=8.3km

az=131.0, RSNC 29 05:25:27.4.0.0, 7.1N;1.7;73W, h141km, 1km, M3.0, mb3.3, ML2.7

ISC 29 05:25:26.3.1.0, 6.83N;0.03;73.12W, 0.04, h146km, 6km, n27, c1945/51, Northern Colombia

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

ASAR 4.1mc Springs, 149.12 234 PKPbc PKPdf, 05 44 55.9 +1.9

WRA Warramunga Arr 150.34 241 PKPbc PKPdf, 05 44 59.2 +3.1

ASRS 29 05:25:51.0.1.0, 7.54;42N;86.82E, h0km, M2.5(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022.

ISC 29 05:25:52.5.3.4, 54.41N;86.87E, h0km, mbtm2.9/2, ML2.4/2, Error ellipse: s-maj=31.5km s-min=18.8km

az=51.0, Southwestern Siberia

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

JMA 29 05:25:54.1.0.1, 36.3N;0.4;137.6E, 0.3, h5km, 2km, MV.0/6/20, HIDA MOUNTAINS REGION, Eastern Honshu

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

ISC 29 05:40:07.5.1.4, 38.80N;27.74E, h0km, mb3.5/5, mbtm3.4/8, ML3.6/3, MS2.9/8, Error ellipse: s-maj=23.3km

s-min=18.4km az=1.0

AFAD 29 05:40:08.6, 39.11N;27.78E, h7km, 4km, MW3.8

ISK 29 05:40:08.4, 39.10N;27.78E, h8km, ML.4, 0/52

SOF 29 05:40:08.6, 39.3N;0.1;27.93E, 0.06, h10km, 2km, MD4.1/3

THE 29 05:40:10.1, 39.1N;4.2;8E, h5km, 21km, M3.6/11, MLh3.6/11

CFUGS 29 05:40:17.5, 39.98N;27.65E, h8km, Mb3.1/4, MD3.5/2, MS3.2/4

ISC 29 05:40:09.0.0.9, 39.11N;0.02;27.79E, 0.02, h10km, 7km, n140, c1907/166, mb3.5/4, MS2.9/3, 11C-9D, Turkey

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

Table with columns: DST, Dursunbey, 0.81 52 Pg, Pb, 05 40 24.7 -0.4, MANT, Manisa, 0.86 136 P, S, 05 40 25.4 -0.3

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

Table listing various items with columns: Item Name, Value, and Status. Includes items like FITZ, FITZ, FITZ, etc., with values ranging from 51.87 to 72.60.

Table listing various items with columns: Item Name, Value, and Status. Includes items like TWG, YULB, YULB, etc., with values ranging from 73.39 to 83.26.

Table listing various items with columns: Item Name, Value, and Status. Includes items like O17K, TIA, TIA, etc., with values ranging from 83.27 to 87.15.

29d 6h

Table with columns for station ID, name, elevation, distance, bearing, and other parameters. Includes stations like SCM Sheep Creek Mo, H16K Elim, KLU Kutina, etc.

2020 MAY

Table with columns for station ID, name, elevation, distance, bearing, and other parameters. Includes stations like O30N Mendhall, HILR Haijar Array B, F18K Selawik, etc.

1896

Table with columns for station ID, name, elevation, distance, bearing, and other parameters. Includes stations like LZH comp=Z,2.1nm,1.5s, D23K Nanushuk River, B21K Itkikuk River, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KBZ, KIV, NB2, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CLL, MORC, MOX, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like H46RU, ZALV, KURBB, etc.

ASRS 29.06:29.27.0.1.1.54:10N:86:51E, h0km, M2.6(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. IDC 29.06:29.27.0.1.1.54:10N:86:51E, h0km, mbtmp2.8, M2.6/2, Error ellipse: s-maj=21.6km s-min=13.2km az=53.0, Southwestern Siberia

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

mbtmp4.1/14, Error ellipse: s-maj=20.1km s-min=11.8km az=87.0

NEIC 29 07:17:40.0±1.1, 13.99N;0.07:144.68E;0.09, h156km, 5km, mb4.4/36, Error ellipse: s-maj=12.6km s-min=9.7km az=107.0

ISC 29 07:17:38.7±0.4, 14.04N;0.07:144.7E;0.11, h144km, n67, ±125/64, mb4.3/32, 2C, Mariana Islands

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

az=73.0, Suspected Mining explosion. ISC 29 07:35:16.3±3.2, 53.6N;0.1:87.8E;0.2, h0km, n9, ±195/13, 10C-4D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the 10C-4D event.

PRU 29 07:35:33.7, 50.21N;18.57E, h0km ISC 29 07:35:32.7±1.0, 50.25N;0.06:18.57E;0.03, h0km, n13, ±6/62/21, Poland

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the PRU event.

KRSZO 29 07:36:10.0±1.1, 48.59N;19.64E, h0km, ML1.6/4, Error ellipse: s-maj=11.1km s-min=3.7km az=3.0, Suspected Explosion., Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the KRSZO event.

ISC 29 07:37:32.8±7.2, 1.13S;13.19W, h0km, mb3.7/3, mbtmp3.7/4, ML3.4/1, MS3.5/20, Error ellipse: s-maj=259.7km s-min=49.0km az=158.0

ISC 29 07:37:34.0±1.2, 1.25S;0.2:13.1W;0.3, h11km, n28, ±0/28/9, MS3.6/19, North of Ascension Island

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the North of Ascension Island event.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for PLCA Paso Flores and OBN Obninsk.

IDC 29 07:43:49.3±1.0, 16.58N;60.33E, h0km, mb3.8/12, mbtmp3.8/12, MS3.0/1, Error ellipse: s-maj=31.0km s-min=21.2km az=41.0

OMAN 29 07:44:01.1±1.0, 17.31N;60.19E, h60km, 59km, mb3.8/9, m4.2/5, Error ellipse: s-maj=8.5km s-min=3.9km az=130.0

ISC 29 07:43:54.2±1.2, 17.13N;0.08:60.34E;0.08, h10km, n33, ±174/43, mb3.6/11, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Owen Fracture Zone region event.

AKTO 29 07:44:01.1±1.0, 17.31N;60.19E, h60km, 59km, mb3.8/9, m4.2/5, Error ellipse: s-maj=8.5km s-min=3.9km az=130.0

AKASG Main Array Be 41.72 30 P 0.5nm, 0.4s, bsz=127, slow=7.4, SNR=4.6

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for AKASG Main Array Be.

ASRS 29 07:50:10.0±0.5, 54.28N;87.12E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for ASRS 2022.

TEH 29 08:00:55.6, 34.30N;45.54E, h12km, 67km, ML2.8, Presumed earthquake

ISN 29 08:00:56.0±7.1, 34.30N;45.54E, h12km, ML3.2, Presumed earthquake

ISC 29 08:00:54.7±1.8, 34.4N;0.2:45.46E;0.09, h18km, n6, ±205/9, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Iran-Iraq border region event.

ASRS 29 07:35:13.0±1.2, 53.61N;87.73E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 29 07:35:16.8±2.9, 53.52N;87.76E, h0km, mbtmp2.8/2, ML2.5/2, Error ellipse: s-maj=26.7km s-min=16.7km az=58.0

NNC 29 07:35:18.0±2.9, 53.47N;87.72E, h5km, 21km, mb2.9, mpv2.6, Error ellipse: s-maj=25.4km s-min=10.5km

IDC 29 08:03:31.4±0.8, 30.58N;50.30E, h0km, mb4.1/25, mbtmp4.1/25, ML3.6/4, MS3.7/24, Error ellipse: s-maj=18.4km s-min=12.7km az=167.0

29d 8h

MOS 29 08:03:31.0, 1.2, 30.51N;50.34E, h10km, mb4.6/36, Error ellipse: s-maj=6.6km s-min=4.5km az=85.1
NEIC 29 08:03:32.9, 1.7, 30.52N;50.37E, h10km, mb3.1km, mb4.5/32, Error ellipse: s-maj=13.0km s-min=10.4km az=121.0
TEH 29 08:03:34.4, 30.57N;50.42E, h18km, 16km, ML4.3, Presumed earthquake
GII 29 08:03:37.6, 0.0, 30.51N;50.38E, h0km, confirmed
OMAN 29 08:03:38.0, 0.1, 30.31N;50.66E, h10km, mb3.7/25, ms2.8/4, Error ellipse: s-maj=2.3km s-min=1.8km az=18.0
DSN 29 08:03:40.2, 1.0, 30.19N;50.80E, h10km, ML4.1/15, Error ellipse: s-maj=7.1km s-min=7.1km az=6.0
ISC 29 08:03:33.0, 0.4, 30.56N;0.04, 50.44E, 0.04, h10km, n273, c179/273, mb4.4/73, MS3.7/24, 25C-10D, Northern and central Iran

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their parameters.

2020 MAY

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Lists seismic events with station names like SHAI, BNN, KIV, etc.

1900

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Lists seismic events with station names like ITM, TARG, DOPR, etc.

Table with columns: NR/K, Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SPSI Sidrap Palu, KAPI Kappang, SAUI Saumahi, etc.

DJA 29 08:05:09.5,0.5,6°N,5°12'4E, h10km, M5.0/16, mb5.6/9, mb5.0/16, MLv4.8/16, Mw(mb)5.0/9

MAN 29 08:05:10.0, 5.52N, 124.13E, h33km, MS4.0

NEIC 29 08:05:13.5, 1.9, 5.54N, 0.07, 124.05E, 0.05, h52km, 8km, mb4.4/34, Error ellipse: s-maj=9.8km s-min=7.4km az=184.0

ISC 29 08:05:17.5, 2.8, 5.65N, 124.45E, h96km, 25km, mb3.8/10, mbmp2.2/11, MS3.1/12, Error ellipse: s-maj=33.5km s-min=1.9km az=73.0

ISC 29 08:05:10.5, 1.3, 5.59N, 0.04, 124.10E, 0.04, h31km, 10km, mb3.152/84, mb4.4/26, MS3.0/10, Mindanao

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GSPH General Santos, GSFH Don Marcelino, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SPSI Sidrap Palu, KAPI Kappang, SAUI Saumahi, etc.

ASRS 29 08:14:40.0, 0.6, 54°21'N-87°08'E, h0km, M2.5(05), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

ISC 29 08:14:40.0, 0.6, 54°21'N-87°08'E, h0km, mbmp2.2/7, ML2.3/2, Error ellipse: s-maj=28.4km s-min=20.0km az=49.0

ASRS 29 08:14:40.0, 0.6, 54°21'N-87°08'E, h0km, M2.5(05), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

ISC 29 08:14:40.0, 0.6, 54°21'N-87°08'E, h0km, mbmp2.2/7, ML2.3/2, Error ellipse: s-maj=28.4km s-min=20.0km az=49.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H46RU ZALESOV INFRA, ZALV Zalevovo Beam, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Veniaminof 5, Veniaminof 6, etc.

TAP 29 08:44:23.0, 23°22'N-120°82'E, h6km, ML3.6, C

JMA 29 08:44:24.1, 0.1, 23°22'N-120°9E, 0.5, h7km, 3km, TAIWAN REGION

ISC 29 08:44:23.6, 0.9, 23°23'N-120°01'x120°83'E, 0.01, h5km, 6km, n152, -0472/253, 14C-9D, Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like STYH Taoyuan, STYV Taoyuan, etc.

29d 9h

Table with columns for station name, coordinates, and other parameters. Includes stations like CHY Chiayi, YULB Yu-li, SCST Cishan, etc.

2020 MAY

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NNSB Nan Shan, TSEB Hengchuen, LAY Lan-yu, etc.

1902

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARA0, ARCES ARCESS Array B, VRF Vario, etc.

Table with columns for station name, time, and magnitude. Includes stations like Sshu, Chigu Township, Renai, Shilin, etc.

Table with columns for station name, time, and magnitude. Includes stations like PTMZ Houxiangcun, KMM Kinmen, KNMB Chin-men Tao, etc.

Table with columns for station name, time, and magnitude. Includes stations like YLYR 97nm,0.3s, YLYR 504nm,0.2s, etc.

IDC 29 09:39:45.3:7.6, 2.53N, 126.25E, h0km, mb3.4/3, mbtmp3.4/3, MS3.8/1, Error ellipse: s-maj=169.6km s-min=118.9km az=72.0, Northern Molucca Sea

Code Station Name Δ° AZZ° Phase ID Time Res h m s ISC

WRA Warramunga Arr 23.70 161 P 0.9nm,0.3s,baz=338,slow=10,SNR=14

ASAR Alice Springs 27.08 164 P 0.2nm,0.5s,baz=352,slow=7.9,SNR=6.6

STKA Stephens Creek 37.19 158 P 1.2nm,0.7s,baz=348,slow=14,SNR=1.6

LZDM Lanzhou Array 39.27 331 LR 1.2nm,0.7s

IDC 29 09:40:13.3:3.5, 54.28N, 87.16E, h0km, mbtmp2.7/2, ML2.5/2, Error ellipse: s-maj=32.5km s-min=20.5km az=55.0

ASRS 29 09:40:12.0:0.6, 54.26N, 87.07E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Code Station Name Δ° AZZ° Phase ID Time Res h m s ISC

H6RU ZALESOVO INFRA 1.36 258 I 0.9nm,7.7s,slow=318,SNR=1.5

ZALV Zalesovo Beam 1.36 258 P 0.2nm,0.3s,baz=75,slow=16,SNR=8.3

ZALV Zalesovo Beam 1.36 258 P 0.5nm,0.3s,baz=75,slow=27,SNR=3.3

KURBB Kurchatov Arra 6.36 239 P 0.7nm,0.5s

MKAR Makanchi Array 8.07 204 Pn 0.1nm,0.3s,baz=26,slow=14,SNR=2.0

IDC 29 09:44:47.9:1.5, 56.09N, 114.35E, h0km, mb3.3/4, mbtmp3.5/6, ML4.0/2, Error ellipse: s-maj=31.8km s-min=29.3km az=175.0

BYKL 29 09:44:49.1:0.1, 56.07N, 113.89E, h11km, 2.8km

IDC 29 09:44:48.0:0.6, 55.99N, 102.114:03E, h10km, n37, c279/76, mb3.3/4, 3C-2D, East of Lake Baykal

Code Station Name Δ° AZZ° Phase ID Time Res h m s ISC

SVKR Severomuysk 0.29 296 I/Pg 0.1nm,0.3s,baz=54,slow=12,SNR=4.2

SVKR Severomuysk 0.29 296 I/Pg 0.1nm,0.3s,baz=54,slow=12,SNR=4.2

SVKR Severomuysk 0.29 296 I/Pg 0.1nm,0.3s,baz=54,slow=12,SNR=4.2

SVKR Severomuysk 0.29 296 I/Pg 0.1nm,0.3s,baz=54,slow=12,SNR=4.2

SVKR Severomuysk 0.29 296 I/Pg 0.1nm,0.3s,baz=54,slow=12,SNR=4.2

SVKR Severomuysk 0.29 296 I/Pg 0.1nm,0.3s,baz=54,slow=12,SNR=4.2

SVKR Severomuysk 0.29 296 I/Pg 0.1nm,0.3s,baz=54,slow=12,SNR=4.2

SVKR Severomuysk 0.29 296 I/Pg 0.1nm,0.3s,baz=54,slow=12,SNR=4.2

SVKR Severomuysk 0.29 296 I/Pg 0.1nm,0.3s,baz=54,slow=12,SNR=4.2

SVKR Severomuysk 0.29 296 I/Pg 0.1nm,0.3s,baz=54,slow=12,SNR=4.2

SVKR Severomuysk 0.29 296 I/Pg 0.1nm,0.3s,baz=54,slow=12,SNR=4.2

IDC 29 09:55:15.7:2.9, 53.61N, 87.93E, h0km, mbtmp3.1/2, ML2.8/2, Error ellipse: s-maj=26.1km s-min=16.2km az=62.0

ASRS 29 09:55:13.0:0.9, 53.59N, 87.90E, h0km, M2.8(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Code Station Name Δ° AZZ° Phase ID Time Res h m s ISC

H6RU ZALESOVO INFRA 1.87 282 I 0.1nm,1.0s,baz=100,slow=325,SNR=15

ZALV Zalesovo Beam 1.87 282 Pn 3.4nm,0.3s,baz=97,slow=17,SNR=32

ZALV Zalesovo Beam 1.87 282 Pn 4.1nm,0.3s,baz=103,slow=25,SNR=18

29d 10h

Table with columns: KURBB, Kurchatov Arra, 6.49 27 Pn, 0.1nm, 0.3s, baz=61, slow=14, SNR=5.8

IDC 29:10:03:37.9:12.0, 53.93N, 159.23E, h0km, Error ellipse: s-maj=10.2km s-min=27.4km az=48.0, Near east coast of Kamchatka Peninsula

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

GCG 29:10:04:12.3:2.1, 13.58N, 91.52W, h6km, 27km, MS5.4, ML5.1, Presumed earthquake

IDC 29:10:04:14.6:3.1, 13.71N, 91.29W, h29km, 20km, mb4.2/9, mbtmp4.5/12, ML4.2/3, MS4.1/20, Error ellipse: s-maj=30.9km s-min=12.7km az=55.0

CATAC 29:10:04:14.5:0.5, 14°N, 3°9'W, h20km, 6km, M5.6/43, mb6.0/9, mb6.1/9, MCV, MCV5.4/43, Mw(mb)5.6/9, Error ellipse: s-maj=8.5km s-min=3.2km az=51.7, Moment Tensor Solution, Moment tensor: Scale 10^19Nm; Mr:0.21; Mw:1.35; Mw1-1.7; Mw0.03; Mw0.09; Mw0.20; Fault plane solution: M1-78377-1016 (NP1)=297.83194°; 385.4489°; λ=0.0684°; NP2=28.07878°; 88.94085°; λ=-1.75, 440.47°. Principal axes: T 1.6581, Plg1, 054.00°; Azm162.9044°, N 0.2292, Plg84.5111°, Azm61.8663°; P -1.8873, Plg5.3861°, Azm253.0038°; confirmed

NEIC 29:10:04:16.5:1.7, 13.65N, 0.07:91.42W, 0.07, h35km, 2km, mb4.7/375 Error ellipse: s-maj=13.3km s-min=9.0km az=224.0

GCMT 29:10:04:16.5:0.4, 13.51N, 0.02:91.64W, 0.02, h28km, 1km, MW5.0/82, Moment Tensor Solution, s23,c25; s82,c125; Duration: 0 Moment tensor: Scale 10^19Nm; Mr:-0.11; Mw:1.78; Mw1-1.67; Mw0.12; Mw0.16; Mw0.20; Mw0.23; Mw0.26; Mw0.28; Best double couple: Ms3.79400016; NP1=285.00000°; 84.7, 0.00000°; λ=5.00000°; NP2=0.19, 0.00000°; 88.6, 0.00000°; λ=137.00000°; Principal axes: T 3.4370, Plg26.0000°, Azm144.0000°; N 0.7160, Plg47.0000°, Azm22.0000°; P -4.1520, Plg32.0000°, Azm251.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

SNET 29:10:04:16.5:2.3, 13.77N, 91.35W, h30km, ML5.1, Presumed earthquake

UCR 29:10:05:27.3:1.5, 11.28N, 86.55W, h0km, 279km, MW4.1, Presumed earthquake

UPA 29:10:06:23.9:0.5, 9.15N, 83.29W, h41km, 7km, ML2.5, Presumed earthquake

ISC 29:10:04:14.1:1.2, 13.71N, 0.04:91.45W, 0.03, h17km, 7km, n478, e1934/353, mb4.7/124, MS4.0/20, 15d, Near coast of Guatemala

Main table with columns: Code, Station Name, A° AZ, Phase ID, Time, Res, ISC

2020 MAY

Main table with columns: MTO3, Montecristo, 2.14 71 P, 0.05 49.6+0.5

1904

Main table with columns: CVIMO, Finca Echandi, 8.21 116 eP, 0.06 15.7+3.1

29d 10h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like Ashikaga, Odawara, Kakegawa, etc.

2020 MAY

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like ShimaneMisato, Tanbara, JHT, etc.

1906

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like TYV, TYV, HEH, HeiHe, etc.

29d 10h

Table with columns: ID, Name, Elevation, Date, Time, Status, etc. Includes entries like G19K Purcell Moun, P17K Kvichak River, E19K Redstone River, etc.

2020 MAY

Table with columns: ID, Name, Elevation, Date, Time, Status, etc. Includes entries like TRF Thorofare Moun, G23K Banana Creek, G23K Banana Creek, etc.

1908

Table with columns: ID, Name, Elevation, Date, Time, Status, etc. Includes entries like G26K Porcupine Rive, SCRK Sand Creek, N25K China, Valde, etc.

1909

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like G31M Satah River, M30M Minto, Yukon, F31M Tsighehtic, etc.

2020 MAY

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MAK Mak, OBN Obninsk, STKA Stephens Creek, etc.

29d 10h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like N02D Trinity Center, HFS Hagfors, K05A Summer Lake, etc.

29d 10h

Table with columns: Station Name, Az, Zen, Phase, ISC, Time, Res, SCS. Includes stations like KRUC Moravsky, RONA Rosalia, CONA Conrad, KHC Kasperske Hory, etc.

2020 MAY

Main table with columns: Code, Station Name, Az, Zen, Phase, ISC, Time, Res, SCS. Includes stations like HJA Humahuaca, HJA Salta, Yavi, San Lorenzo, San Pedro de A, etc.

1910

Table with columns: Station Name, Az, Zen, Phase, ISC, Time, Res, SCS. Includes stations like CNLB Canela, TRQA Torquinst, FRTB Fortuna, ARAG Araguaiana, etc.

NEIC 29 10:10:32.8t.1.4, 23.225s:0.06:66:19W:0.10, h214km, 5km, mb4.9/468, Mw4.8(GUC), Error ellipse: s-maj=13.0km s-min=9.4km az=83.0

SDV 29 10:10:32.9t.0.8, 23.295s:0.66:38W, h238km, 4km, ML4.7, MW4.4

1911

Table with columns for call sign, name, frequency, and other details. Includes entries like SNAEA Snae, HKT Hockley, X51A Calhoun, etc.

2020 MAY

Table with columns for call sign, name, frequency, and other details. Includes entries like KAN01 Argonia South, QSPA South Pole Qui, QSPA South Pole Qui, etc.

29d 10h

Table with columns for call sign, name, frequency, and other details. Includes entries like EPLO Experimental L, ISA Isabella, Lake, PD31 Pinedale Array, etc.

1913

2020 MAY

29d 11h

HEL 29 10:59:15.7.0.1, 64°33'N-24°22'E, h0km, ML1.1, Explosion, Finland. Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC.

JMA 29 10:59:23.6.0.0, 36°22'N-101°37'7.0"E, h6km, MV1.3/32, HIDA MOUNTAINS REGION, Eastern Honshu. Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC.

HEL 29 10:59:42.6.0.3, 67°83'N-20°24'E, h0km, ML1.2, Suspected explosion, Sweden. Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC.

HEL 29 11:01:19.3.0.2, 64°73'N-30°81'E, h0km, ML2.0, Explosion KOLA. s-maj=16.9km s-min=11.9km az=170.0, Kostomuksha, Karelia. Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC.

ISC 29 11:01:19.9.0.9, 64°72'N-30°50'E, h0.4km, m39, a176/54, Finland-Karelia border region. Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like KAF Kangasniemi, KAF Keuruu, LVZ Lovozero, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like IDC 29 11:07:47.0.5, BUJ 29 11:07:47.0.1, MOS 29 11:07:48.5.1.0, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s ISC. Includes stations like DVP Devils Point, RTV Rentsu Tower, MARNC Mare, Loyalty, etc.

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

29d 11h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like GUMO Guam, FORT Forrest, SUJI Sorong, etc.

2020 MAY

Table with columns for station name, frequency, mode, and signal strength. Includes stations like KSRS, KSAR, Wnju Array Be, etc.

1914

Table with columns for station name, frequency, mode, and signal strength. Includes stations like GSPA, GRNR, KLR, etc.

29d 13h

NEIC 29 13:25:19.5,0.9,38.203N,0.006,-117.75W,0.02, h10km,2km,ML3.0/0.8(R),N,Error ellipse: s-maj=3.1km s-min=2.2km az=278.0,Evada

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for NEIC 29.

ICD 29 13:30:22.3,2.3,27.16N,53.89E,h0km,mb3.7/10, mbtmp3.7/11,ML3.5/1,MS3.0/3,Error ellipse: s-maj=5.1km s-min=2.1km az=162.0, TEH 29 13:30:22.8,27.16N,53.74E,h11km,25km,ML3.8, Presumed earthquake, DSN 29 13:30:23.2,0.9,27.37N,53.76E,h10km,ML3.5/19, Error ellipse: s-maj=12.0km s-min=3.8km az=0.0, OMAN 29 13:30:24.6,0.4,27.38N,53.68E,h33km,14km,mb4.0/6, m3.9/17, Error ellipse: s-maj=17.5km s-min=2.4km az=328.0, ISC 29 13:30:24.1,1.7,27.23N,0.05,-53.77E,0.05,h4km,12km, n80,c095/84,mb3.5/8,Southern Iran

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for ICD, TEH, DSN, OMAN, and ISC.

2020 MAY

Main table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for MDH, UOSS, HATD, ASHO, MZWR, NGRK, KHJN, ALNE, JASK, KHGB, SOHO, IMEH, MZFR, KBAM, ARQ, IBAF, UMZA, DOBD, HOQ, SRVN, DOM, RAYN, DOK, WHFO, SHAO, DMTO, RBK, ABTO, GNI, ASF, KBZ, BRTR, FURI, BVAR, MKAR, AKAS, KURB, ZALV, FINES, HFS, NOA, TORD, YKA, etc.

ICD 29 13:30:44.3,0.8,6.67N,72.92W,h155km,9km,mb2.8/1, mbtmp3.6/3, Error ellipse: s-maj=44.0km s-min=7.6km az=132.0, CATA 29 13:30:44.8,0.6,7.1N,2.7W,h149km,5km,M3.9/11, mb3.8/2,ML3.9/11, Error ellipse: s-maj=9.8km s-min=5.0km az=96.5,confirmed, RSNC 29 13:30:46.1,0.0,7.1N,1.7W,h143km,1km,M3.5, mb4.8,mb3.9,ML1.1,Mw(m)4.1, FUNV 29 13:30:47.0,7.1,33.13N,73.14W,h45km,MW3.4, Presumed earthquake, ISC 29 13:30:43.9,0.9,6.83N,0.03,-73.09W,0.04,h154km,6km, n53,c158/95,1D,Northern Colombia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for ICD, CATA, RSNC, and ISC.

1918

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for VILC, GUYC, PTGC, CBOC, DBBC, SDV, SDV, ARGU, PRAC, PRAC, PRAC, APAC, APAC, SJCC, SJCC, SJCC, PLMC, URM, URM, LCB, LCB, GUV, YOTC, YOTC, SMRC, SMRC, MAC, MAC, MAC, URIC, URIC, URIC, JAMC, JAMC, GARC, GARC, POPC, POPC, FLOC, FLOC, BBAC, BBAC, TXAR, TXAR, ASAR, ASAR, WRA, WRA.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for NOU 29 13:32:57.7,17.30S,-167.57E,h8km,MLV4.0/13,Vanuatu Islands.

ATH 29 13:38:07.5,40.72N,20.98E,h32km,1km,ML2.5/6, Latitude uncertainty: 0 km; Longitude uncertainty: 2 km, SKO 29 13:38:09.7,40.57N,21.29E,h1km,ML2.4, THE 29 13:38:10.1,41.1N,22.13E,0.8,h0km,2km,M2.4/12, MLh2.4/12, TIR 29 13:38:13.4,40.78N,21.03E,h10km,ML2.1/3, ISC 29 13:38:09.2,1.0,40.71N,0.02,-21.32E,0.02,h14km,8km, n31,c1952/53,Greece

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Contains station data for LMS2, NEST, NEST, NEST, KBN, KBN, KBN, KZN, KZN, PENT, PENT, PENT, OHR, OHR, OHR, LMS2, KTI, KPRO, KPRO, LIT, LIT, VAY, VAY, PSH, PSH, PSH, TYRN, TYRN, TYRN, THL, THL, THL, KNT, KNT, KNT, SRN, SRN, SRN, TETR, TETR, IGT, IGT.

Table with columns: IGT, MAKR, NOUN, WEL, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their coordinates.

Table with columns: OPRZ, MWZ, GVZ, TGRZ, LTZ, AMZ, TWGZ, MKAZ, AWAZ, HAZ, RYZ, INZ, ETAZ, WTAZ, OKCZ, QXZ, RVAZ, AKCZ, WMGZ, MXZ, RMAZ, MHCZ, WVZ, RPZ, WJZ, FMZ, OUZ, ODZ, JCZ, CZZ. Lists various stations and their coordinates.

TAP 29 14:01:59.3, 24°7'11N, 122°75'E, h12km, ML2.6, D
JMA 29 14:01:59.6, 0.2, 24°8'N, 0.9, 122°8'E, 0.7, h16km, 2km,
MV1.9/10, NW OFF ISHIGAKIJIMA IS
ISC 29 14:01:59.2, 1.1, 24°75'N, 0.05, 122°77'E, 0.03, h15km, 8km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their coordinates.

JMA 29 14:17:22.9, 0.1, 36°33'N, 0.5, 137°6'E, 0.3, h6km, 2km,
MV0.4/20, HIDA MOUNTAINS REGION, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their coordinates.

JMA 29 14:17:31.5, 0.0, 36°33'N, 0.2, 137°6'E, 0.1, h4km, 1km,
MV0.9/31, HIDA MOUNTAINS REGION, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their coordinates.

IDC 29 14:21:11.1, 1.0, 44°66'N, 148°8'E, h0km, mb3.8/17,
mbmp3.8/21, ML3.1/4, MS2.8/8, Error ellipse:
s-maj=2.1, s-min=1.5, km az=146.0,
JMA 29 14:21:15.6, 0.9, 45°N, 4'x14'9E, h30km, MV4.4/13, SE
OFF TEROFUJI

MOS 29 14:21:15.8, 1.2, 44°54'N, 149°00'E, h54km, mb4.5/1, Error
ellipse: s-maj=1.1, 1.1km s-min=8.1km az=53.3,
NIED 29 14:21:15.6, 44°18'N, 149°04'E, h30km, MW3.9, Moment
Tensor Solution. s3 Moment tensor: Scale 10^14Nm;
Mn:3.98; Ms:-0.22; Mps:-3.76; Ms3:6.7; Mw:-2.11; Mw5:1.2;
Fault plane solution: Mo:7.67000x10^14 NP1:
o1=193.00000°, o2=13.00000°, o3=7.00000°. NP2:o3=34.00000°,
o2=73.00000°, o1=97.00000°.

SKHL 29 14:21:16.6, 0.3, 44°50'N, 149°20'E, h54km, 3km, mb5.2/6,
NEIC 29 14:21:17.0, 1.4, 44°48'N, 148°18'E, 0.07, h35km, 1km,
mb4.1/8, Error ellipse: s-maj=17.5km s-min=8.0km
az=345.0,
ISC 29 14:21:16.9, 1.2, 44°51'N, 0.05, 149°03'E, 0.07, h44km, 10km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their coordinates.

29d 15h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like C19K, D19K, E19K, etc.

NOU 29 14:44:40.0, 39°41'S: 174°97'E, h121km, MLV4.0/22, North Island, New Zealand

WEL 29 14:44:42.1, 0.6, 39°5' S, 175°E, h109km, dkm, M3.4/33, M3.3/29, MLV4.0/33, Error ellipse: s-maj=6.1km s-min=3.3km az=8.1

ISC 29 14:44:38.4, 1.4, 39°35'S: 0°04:174°95'E, h143km, 7km, n167, s1818/201, North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like VRZ, HUKS, PKVZ, etc.

2020 MAY

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like WTVZ, TUUV, MHEZ, etc.

1920

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like WVV, RPZ, RPZ, etc.

IDC 29 14:52:26.4, 1.2, 4°64'S: 153°26'E, h0km, mb3.8, 12m, mbmp3.9/13, ML1.7/1, Error ellipse: s-maj=36.1km s-min=21.0km az=109.0

ISC 29 14:52:34.6, 1.1, 4.75°S: 0°1:153°0'E, h55km, n17, s092/15, mb3.7/2, New Ireland region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like PMG, SIJI, WRA, ASAR, etc.

NNC 29 14:55:49.7, 7.4, 50°86'N: 91°52'E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=72.7km s-min=33.8km az=78.0

ASRS 29 14:55:49.0, 0.3, 51°N: 2°9'E, h5km, MLH3.4/12, 8C-3D, Error ellipse: s-maj=4.0km s-min=2.5km az=139.6, confirmed, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like TEL, TEL, CERR, etc.

HVO 29 15:07:37.8, 0.9, 19°22'N: 0°07:155°4W, 0°1, h33km, 8km, Error ellipse: s-maj=15.8km s-min=6.2km az=123.0

NEIC 29 15:07:36.7, 0.4, 19°25'N: 0°04:155°45W, 0°02, h37km, 4km, ML3.6/40, ML3.5/41(HV0), Error ellipse: s-maj=5.7km s-min=1.5km az=154.0, Hawaiian Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like HTC, HLP, HLP, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Steaming Bluff, Halema'uma'u T, Mauna Loa, Pauahi, Rainshed, Mokuaweeweo, Kane Nui o Han, etc.

IDC 29 15:20:50.1, 1.7, 58:97S:25:74W, h0km, mb3.8/1, mbtmp3.4/7, ML2.4/2, MS2.9/1, Error ellipse: s-maj=84.9km s-min=53.4km az=82.0

ISC 29 15:20:52.8, 1.4, 59:65S:02:25:5W, 0.5, h32km, n10, alpha195/8, 3C-1D, South Sandwich Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Neumayer-Stat, Neumayer Olymp, Neumayer-Watz, Sanae, etc.

IDC 29 15:27:58.3, 1.2, 30:67N:140:65E, h0km, mb3.4/5, mbtmp3.4/7, ML2.4/2, MS2.9/1, Error ellipse: s-maj=56.9km s-min=21.5km az=95.0

ISC 29 15:28:03.2, 1.1, 30:8N:01:140:5E, 0.3, h35km, n14, alpha155/8, mb3.4/5, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Hachijo jima 2, Matushiro Arr, Wake Island Hy, etc.

IDC 29 15:31:03.4, 1.5, 2:99S:129:75E, h0km, mb3.8/3, mbtmp3.7/6, ML3.5/3, MS2.0/1, Error ellipse: s-maj=51.1km s-min=22.6km az=89.0

ISC 29 15:31:05.8, 1.2, 3:15S:008:130:0E, 0.2, h25km, n6, alpha284/8, Seram

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Sorong, Fitroy Crossi, Warramunga Arr, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Alice Springs, STKA Stephens Creek, Kurbb Kurchatov Arra, etc.

IDC 29 15:38:37.5, 0.8, 28:75N:76:73E, h0km, mb3.8/21, mbtmp3.9/23, ML4.0/2, MS3.0/7, Error ellipse: s-maj=21.9km s-min=13.9km az=38.0

BUJ 29 15:38:38.0, 28:97N:76:74E, h1km, mb4.4/7, mb4.3/22, NEIC 29 15:38:41.7, 2.2, 29:2N:01:17:02E, 0.09, h10km, 2km, mb4.2/12, Error ellipse: s-maj=22.7km s-min=10.5km az=206.0

NDI 29 15:38:41.4, 2.2, 28:82N:76:75E, h4km, 3km, ML4.2, MW4.1, mb4.2(NEIC), Presumed earthquake

NNC 29 15:38:42.3, 6.3, 29:30N:76:43E, h0km, mb4.2, Error ellipse: s-maj=88.5km s-min=72.3km az=124.0

ISC 29 15:38:41.5, 0.4, 28:85N:00:72:78E, 0.03, h23km, 3km, n105, alpha286/138, mb3.9/28, MS2.9/6, 5C-4D, Northern India

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Jhujar, GANAUR, Aya Nagar, Bishrak, Sohna, Ausora, Kurukshetra, Thakurdwara, etc.

IDC 29 15:38:41.5, 0.4, 28:85N:00:72:78E, 0.03, h23km, 3km, n105, alpha286/138, mb3.9/28, MS2.9/6, 5C-4D, Northern India

IDC 29 15:38:41.5, 0.4, 28:85N:00:72:78E, 0.03, h23km, 3km, n105, alpha286/138, mb3.9/28, MS2.9/6, 5C-4D, Northern India

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Kurchatov Arra, Kurchatov, Kurchatov, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Kakani, Pulchok, Gumba, Kabul, Everest, Ramite, Bokaro, etc.

1923

Table with columns: Station, Frequency, Power, and other technical details for stations like MI28, RNP5, CKRC, etc.

Technical notes and identifiers for stations, including IDs like IDC 29 16:13:17.4, 0.0, 17:31S, 167:63E, etc.

Table with columns: Code, Station Name, Frequency, Power, and other details for stations like DVP, RTV, MARNC, etc.

2020 MAY

Main table with columns: Station, Frequency, Power, and other details for stations like AULRC, WIZ, HIZ, etc.

29d 16h

Table with columns: Station, Frequency, Power, and other details for stations like SIJI, SJIJ, SWI, etc.

29d 16h

Table with columns for station code, name, coordinates, and various data points. Includes stations like Nanjing, Vladivostok, Posyet, Ussuriysk Ar., Mandailing Nat, etc.

2020 MAY

Table with columns for station code, name, coordinates, and various data points. Includes stations like BJI2, BJI1, BJI2, BJI2, BJI2, etc.

1924

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

Table of astronomical observations for 1925, listing station names, coordinates, and observation details.

Table of astronomical observations for 2020 MAY, listing station names, coordinates, and observation details.

Table of astronomical observations for 29d 16h, listing station names, coordinates, and observation details.

IDC 29:16:28:51.5-1.3, 35.45N:26.84E, h0km, mb3.5/3, mbmp3.4/6, ML3.3/3, MS2.8/1, Error ellipse: s-maj=38.5km s-min=11.4km az=169.0
ATH 29:16:28:52.2, 35.40N:26.94E, h42km, 5km, ML3.5/7, Latitude uncertainty: 3 km; Longitude uncertainty: 3 km
ISK 29:16:28:53.3, 35.48N:26.78E, h5km, ML3.6/1, THE 29:16:28:54.3, 36.1N:4.27E, h4km, 5km, M3.4/13, ML3.4/13
AFAD 29:16:28:55.5, 35.69N:26.99E, h7km, 1km, MW3.4
ISC 29:16:28:53.9-0.9, 35.47N:0.03-26.81E:0.02, h24km, 8km, n68, r163/88, mb3.4/3, Crete

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists seismic stations and their characteristics.

VAO 29:16:32:52.0-0.7, 27.60S:69.17W, h79km, 5km, mb5.1, Presumed earthquake
SJA 29:16:32:54.0-0.6, 27.69S:69.23W, h127km, 3km, ML4.9, MW4.9
NEIC 29:16:32:55.3-2.5, 27.66S:0.04-69.20W:0.08, h116km, 4km, mb4.8/35, Mw4.9/13, Mw4.9(GUC), Error ellipse: s-maj=9.9km s-min=6.2km az=98.0
NEIC 29:16:32:55.3, 27.66S:69.23W, h116km
GUC 29:16:32:55.6-0.5, 27.58S:69.28W, h127km, 3km, ML5.1
IDC 29:16:32:56.7-0.4, 27.60S:68.99W, h115km, 3km, mb4.6/13, mbmp4.9/15, MS3.9/11, Error ellipse: s-maj=15.4km s-min=11.8km az=79.0
GFZ 29:16:32:56.8, 27.61S:69.02W, h128km, MW5.0, Moment Tensor Solution, s37 Moment tensor: Mr2.81; Ms1.46; Mw-4.26; Mw-1.08; Mw0.54; Mw1.09; Fault plane solution: NP132:0.00000; δ59.00000; λ320.00000; λ130.00000; NP2:0.33100000; δ59.00000; λ320.00000; Principal axes: T 3.4700, Plg62.0000; Azm191.0000; N 1.0400, Plg25.0000; Azm348.0000; P -4.5100, Plg9.0000; Azm83.0000;
NEIC 29:16:32:59.8, 27.46S:69.57W, h110km, Moment Tensor Solution. Duration: 155 Moment tensor: Scale 10¹⁶Nm; Mn:2.39; Mw0.35; Mw0-2.74; Mw-0.96; Mw0-0.07; Mw1:1.17;

Fault plane solution: M3.30000x10¹⁶ NP1: φ=200.73000°, δ36.28000°, λ123.12000°. NP2: φ=341.75000°, δ60.29000°, λ68.14000°. Principal axes: T 2.9924, Plg67.0000; Azm209.0000; N 0.0078, Plg19.0000; Azm353.0000; P -3.0001, Plg13.0000; Azm87.0000;
GCMT 29:16:32:01.3-0.3, 27.56S:0.02-68.96W:0.03, h123km, 3km, MW5.0/86, Moment Tensor Solution, s24.c25; s86.c106; Duration: 0 Moment tensor: Scale 10¹⁶Nm; Mr1.79; Mr1.2; Mw0.43; Mr1.7; Mw0-2.22; Mr1.39; Mr1.08; Mw0.28; Mr1.4; Mw-0.52; Mr1.3; Best double couple: M3.65500x10¹⁶ NP1: φ=185.00000°, δ59.00000°, λ150.00000°. NP2: φ=292.00000°, δ64.00000°, λ35.00000°. Principal axes: T 3.4090, Plg42.0000; Azm150.0000; N 0.4920, Plg48.0000; Azm324.0000; P -3.9010, Plg3.0000; Azm57.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function
ISC 29:16:32:55.7-0.3, 27.59S:0.02-69.21W:0.03, h115km, 2km, h115km; p-P, n263, r178/316, mb4.8/32, 13C-11D,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists seismic stations and their characteristics.

Table with columns: CFA, Coronel Fontan, 4.09 168 P, Pn, 16 33 56.0 -0.3. Lists various seismic stations and their characteristics.

Table of astronomical observations for 1927, listing stations like QSPA, SAND, TXAR, R40A, DBIC, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2020 MAY, listing stations like CHMS, SANI, UCH, etc., with columns for station name, coordinates, and observation details.

NOU 29 16:33:05.7, 16:27S-168:09E, h0km, mb4.1/8, Vanuatu Islands, Vanuatu Islands

Table of astronomical observations for Vanuatu Islands, listing stations like MARNC, ROUNC, etc., with columns for station name, coordinates, and observation details.

ISC 29 17:01:40.2, 36:55N-142:76E, h12km, mb3.3/5, Kyrgyzstan

Table of astronomical observations for Kyrgyzstan, listing stations like KARP, ZKR, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 29d 17h, listing stations like TURN, DDIM, DALY, etc., with columns for station name, coordinates, and observation details.

29d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GBPR, Cerrillos, OBIP, ECPR, etc.

IDC 29 17:11:10.6:3.7, 47.75N:92.24W, h0km, mtbtpm2.6/2, ML0.9/1, Error ellipse: s-maj=74.1km s-min=26.5km az=45.0, Minnesota

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

ISK 29 17:14:21.2, 33.99N:25.81E, h10km, ML3.7/7, IDC 29 17:14:23.3, 1.1, 34.35N:25.56E, h0km, mb3.7/15, mtbtpm3.7/23, ML3.4/8, Error ellipse: s-maj=21.9km s-min=13.1km az=19.0

THE 29 17:14:26.5, 34.1N:7.2E, h70km, M3.5/10, MLh3.5/10, ATH 29 17:14:27.1, 34.30N:25.73E, h15km, 1.6km, ML3.5/6, Latitude uncertainty: 9.0km, Longitude uncertainty: 2.1km

AFAD 29 17:14:47.4, 35.65N:26.98E, h19km, 2km, MW3.3, IDC 29 17:14:25.8:2.3, 34.28N:0.06:25.69E:0.04, h16km, 13km, n74, c1567/86, mb3.7/14, Crete

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

DAT Datca, BODT Bodrum, BDRM Kayabasi, TURN Turunc, etc.

DALY comp=N, 115nm, 0.4s, DALY comp=N, 115nm, 0.4s, DALY comp=N, 115nm, 0.4s

IZZE Mula-Seydiye, MULA Muga, Merkez-SABU Mula-Dalaman, etc.

AYDN Tasoluk, DNZT Denizli-Tavas, DNZT Denizli, etc.

KNIK Mula-Seydiye, CAEL DENIZLI, TABA DENIZLI, etc.

ESEN Aydn-Nazilli, IZMR zmir-demi, DNIZ Denizli-Tavas, etc.

BRTR Keskin Array B, EIL Glat, EIL Glat, etc.

ASF Iabal al Asfar, ASF Iabal al Asfar, ABTA Abfaltersbach, etc.

2015 MAY

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

ARCES ARCESS Array B, BVAR Borovoye Array, etc.

KURBB Kurchatov Arra, MKAR Makanchi Array, etc.

ZALV Zalesovo Beam, YKA Yellowknife Arr, etc.

ILAR Eielson Array, MJAR Matsushiro Arr, etc.

NEIC 29 17:50:02.0, 1.8, 2.7, 35S:0.04:167.6E:0.1, h10km, 1km, mb4.6/16, Error ellipse: s-maj=18.4km s-min=4.5km

NOU 29 17:50:03.2, 17.35S:167.54E, h3km, MLV4.2/15, Vanuatu Islands, IDC 29 17:50:03.2, 2.2, 17.42S:167.39E, h0km, mb3.8/4, mtbtpm3.8/5, ML3.8/1, MS3.4/2, Error ellipse: s-maj=48.7km s-min=28.2km az=82.0

ISC 29 17:50:03.5:0.6, 17.34S:0.07:167.57E:0.06, h19km, n40, 0.4nm, 0.3s, mb4.5/11, Vanuatu Islands

DVP Devils Point, RTV Reniapa, RTV Reniapa, etc.

MARNC Mare, Loyalty, KOUNC Koumac, New Ca, etc.

DZM Mont Dzumac, NOUC Port Laguerre, ONTNC Ouen Toro, etc.

RTZ Rutalunga, BKZ Black Stump Fm, CMWZ Cape Campbell, etc.

WRB Warramunga Arr, WRB Warramunga Arr, WBO Warramunga Arr, etc.

WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, etc.

ASAR Alice Springs, FORT Forrest, MJAR Matsushiro Arr, etc.

MAJO Matsushiro, MJBS Mats-Tunnel, INCN Incheon, etc.

SMY Shemya, GSPA South Pole Qui, GSPA South Pole Qui, etc.

BRK Bradley Lake, BELA Belgrano 2, BELA Belgrano 2, etc.

PALK Pallekele, KOLA 29 18:03:53.8, 67.64N:33.91E, h0km, ML1.2, Error ellipse: s-maj=5.4km s-min=2.4km az=150.0, Khibiny, mines

HEL 29 18:03:54.0:0.3, 67.61N:33.96E, h0km, ML1.3, Explosion, Baltic States-Belarus-Northern Russia

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

1928

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like APA0, LVZ, etc.

TAP 29 18:15:53.5, 24.94N:122.25E, h12km, ML2.6, C, JMA 29 18:15:54.3:0.4, 24.8N:0.8:122.2E:0.3, h1km, 3km, TAIWAN REGION

ISC 29 18:15:53.6:1.0, 24.95N:0.03:122.27E:0.03, h15km, 7km, n70, c045/110, 6C, Taiwan region

Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TWB1, EGS, etc.

Grass Mountain, Shuangxi, Wu-fen Shan, National Taiwa, etc.

Suo, EOS2, Suo, NDS, NDS, etc.

Neicheng, Mucha, Fushanzhiwuyua, EIOS3, etc.

YMO8, YMO1, EWUT, EWUT, Xindian Distri, etc.

Chenhua, Zhuzihu, Taipei, Taipei, etc.

Wulai, Wulai, ANP, ANP, etc.

Datong Townshi, EAH, EAH, etc.

Yongunijimaku, Kuangyingshan, Datong, EOA4, etc.

Yonguniji jima, YONGUNJI JIMA, YONGUNJI JIMA, etc.

Yonguniji jima, YONGUNJI JIMA, YONGUNJI JIMA, etc.

Yonguniji jima, YONGUNJI JIMA, YONGUNJI JIMA, etc.

Yonguniji jima, YONGUNJI JIMA, YONGUNJI JIMA, etc.

Yonguniji jima, YONGUNJI JIMA, YONGUNJI JIMA, etc.

Yonguniji jima, YONGUNJI JIMA, YONGUNJI JIMA, etc.

Yonguniji jima, YONGUNJI JIMA, YONGUNJI JIMA, etc.

Yonguniji jima, YONGUNJI JIMA, YONGUNJI JIMA, etc.

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

29d 20h

Table with columns: LUWI, Luwuk, 6.17 219 P, Pn, 20 11 33.7+2.1, NGZ, Ngaruhro, 8.47 213 P, Pn, 20 16 54.0+0.7, etc.

NOU 29.20:14:44.8, 32°53S: 176°99W, h41km, mb5.2/45, South of Kermadec Islands
IDC 29.20:14:49.3, 32°09S: 178°77W, h0km, mb4.9/25, mbmp4.9/27, ML4.7/3, MS4.1/47, Error ellipse: s-maj=13.3km s-min=12.3km az=115.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. listing various stations like GLKZ, RAO, RAO, etc.

2020 MAY

Main table with columns: NGZ, Ngaruhro, 8.47 213 P, Pn, 20 16 54.0+0.7, etc. listing various stations and their coordinates.

1930

Table with columns: AS01, Alice Springs, 42.59 269 P, P, 20 22 45.8 -1.2, etc. listing stations from the 1930 era.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations.

1935

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Strength. Includes stations like DALK Dalny, YUK Yuzh-Kuril'sk, and KUKA Kuka Creek.

2020 MAY

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Strength. Includes stations like F15K North Star Dit, G15K Nusukuk, and H11S2 WAKE ISLAND Hy 31.09 158.

29d 21h

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Strength. Includes stations like O20K Slope Mountain, C21K Knifblade Rid, and K24K Donnelly Dome.

29D 22h

Table with columns: ID, Name, Az, El, P, R, Az, El, P, R. Includes stations like KLU Klutina, E25K Arctic Village, Q23K Middleton Isla, etc.

2020 MAY

Table with columns: ID, Name, Az, El, P, R, Az, El, P, R. Includes stations like P29M Windy Craggy, G31M Satah River, G31M Satah River, etc.

1936

Table with columns: ANMO, Name, Az, El, P, R, Az, El, P, R. Includes stations like AKASG Main Array Be, AKASG Alice Springs, EKA Eskdalemuir Ar, etc.

WEL 29 21:16:45.5-1.1, 32'S-10', 18'0E, 2'4, h478km, 23km, M3.8/9, mb4.0/9, ML4.3/13, ML1v4.7/9, Mw(mb)3.0/9, Error ellipse: s-maj=31.5km s-min=11.3km az=100.6, Kermadec Islands region

Table with columns: Code, Station Name, Az, El, P, R, Phase ID, Time Res. Includes stations like MXZ Matakaoa Point, OUZ Omahuta, RAGZ Rawiri, etc.

IDC 29 21:46:40.1-1.2, 3'19S, 142'39E, h0km, mb3.8/5, mbmp3.9/6, ML3.9/1, MS3.0/9, Error ellipse: s-maj=26.3km s-min=15.7km az=33.0, ISC 29 21:46:44.3-1.2, 3'25S, 0'1, 142E, 0.2, h27km, n18, az=100.7, mb3.8/5, MS2.9/5, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, El, P, R, Phase ID, Time Res. Includes stations like JAY Jayapura, JAY Jayapura, PMG Port Moresby, GUMO Guam, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GVD, VAM, KANDR, IMMV, CHNB, CHAN, SIVA, ANOYIA, etc.

TEH 29 22:26:58.7, 27:21:21N:53:75E, h10km, ML2.6, Presumed earthquake
OMAN 29 22:27:01.6, 1.6, 27:16N:54:00E, h10km, ml2/8, Error ellipse: s-maj=11.3km s-min=5.7km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KHL1, LMD1, QIR1, SHME, BANAF, MASOF, NAZ, etc.

IDC 29 22:35:21.4, 1.0, 67:19N:20:67E, h0km, mbtmp2.7/4, ML2.2/4, Error ellipse: s-maj=17.8km s-min=7.9km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DUNU, MASU, MASU, RATU, ERTU, etc.

IDC 29 22:41:50.9, 1.6, 7:22S:0:09E, h10km, n70, c2801/66, mb4.4/13, Irian Jaya region

29d 22h

Table with columns for station name, time, and other details. Includes stations like G24K Hadweenciv Riv, M11K Mekoryuk, K15K Wolf Creek Mou, etc.

2020 MAY

Table with columns for station name, time, and other details. Includes stations like O14K Tigykauiv M, RND Reindeer, M20K Styx River, etc.

1940

Table with columns for station name, time, and other details. Includes stations like QRZ Quartz Range, PRZ Palmer Road, QWZ Quartz Range, etc.

NOU 29:22:56:33.9, 41:722S:174:54E, h8km, MLV4.3/17, Cook Strait, New Zealand

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, and other details. Includes stations like CMWZ Cape Campbell, SDNS Seddon, WDFS Ward Fire St, etc.

Table with columns for Code, Station Name, Az, Phase ID, Time, Res, and other details. Includes stations like URZ Urewera, RBZ Rakaia, WAZ Waikanae, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Nioudou, Dongshan, Datong Townshi, Mucha, Toucheng, Taipei, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Yonaguni jima, Yonaguni jima, Yonaguni jima, Yu-li, Guolierlin Hig, Douliou City, Gukung, Yuli, Douliu, Alishan, Changbin, Tuku, Chenggong, Fuli, Fanlu, Haiduan, Chiayi, Lidau, Chengkung, Szu, Ta-pu, Ta-pu, Ta-pu, Taoyuan, Shulin Townsh, Ta-pu, Hsiinying, Yijhu, Nanshi, Yiju, Longtian, WUUC, Liugu, Iriomote-Funau, Pingang, Beinan, Beinan, Beinan, Mats-u, Chigu Township, Chishan, Sandimen, Penghu, P'eng-hu, Taimali, Kuro-shima, Houxiangcun, Mashibuluo, Dunggji, Ishigaji jima, Jianjiangzhen, Anshu, Anshu, Dawu, Dashiqui, Qimei, Fangliu, Shizi, Lan-yu, Lan-yu, Manzhou Townsh, Hengchun, Chin-men Tao, Jialang, Xicun, Dongshan, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like El Madrono, Alcaldia de Sa, Alcaldia de Sa, Centro de Oper, Las Pavas, Las Pavas, El Sauce Leon, El Cardon, Alcaldia de, Brisas, Loma Larga, Loma Larga, Mateare, Alcaldia de, Presa 5 de nov, Universidad Do, Finca el Limon, El Picacho, Boqueron, Piamonte, Piamonte, Banco Central, Telcor Managua, Laguna Tiscapa, Managua, Jayaque - finc, Jayaque - finc, Americas 2, San Andres, La Laguna, AERNA, MAS, Sabanita, Masaya, Nandasmo, Cerro Verde, Universidad Ca, Matagalpa, Granada, Sur Rio San Ju, Las Nubes, Las Nubes, Montecito, BOAC BROADBAND, Alcaldia de Sa, Santa Rosa de, Esquipulas, AI SSO del Vol, AI SSO del Vol, AI SSO del Vol, Rivas, El Apazote, Pinedala Array, Loma Larga, Bonnet, Yellowknife Ar, etc.

CATAC 29 23:00:37.7-0.2, 13°N-2°8'W, h=40km, 5km, M4, 2/46, MLv4.2/46, Error ellipse: s-maj=4.9km s-min=1.2km az=25.9, confirmed

SNET 29 23:00:38.4-2.6, 12°39'N-88°33'W, h=75km, 22km, mb3.0/3, mbtmp3.4/5, M3.5/1, Error ellipse: s-maj=91.2km s-min=16.9km az=42.0

ISC 29 23:00:37.4-1.0, 12°54'N-0°05:88°20'W, h=55km, 12km, n55, c099/139, mb3.4/3, 3C-13D, Off coast of central America

ISC 29 23:02:52.0-1.9, 8°33'N-84°65'W, h=0km, mb3.4/3, mbtmp3.6/4, ML2.8/1, Error ellipse: s-maj=46.1km s-min=18.3km az=69.0

ISC 29 23:02:54.8-1.2, 8°87'N-84°12'W, h=20km, 9km, MW4.7, Presumed earthquake

ISC 29 23:02:56.4-0.4, 9°N-3°8'W, h=5km, 2km, M4.5/12, MLv4.5/12, Error ellipse: s-maj=8.3km s-min=3.2km az=48.6, confirmed

1945

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for Ishigaki jima, NNC 30 01:16:24.6, 0.44, 37N:81.12E, h0km, mb3.3, mpv3.4, and various other stations like DJR Jarkent, DJR Jarkent, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for Pavencul, Huatulco, Union Juarez, Arroyo Zacate, Vista Hermosa, Oaxaca, etc.

30d 2h

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for Ternate, Galela, Maluku, Luwul, Sorong, etc.

30d 2h

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MKAR Makanchi Array, BNX BinXian, KURBB Kurchatov Arra, ZAAO Zalesovo Array, ZALV Zalesovo Beam, HO4N2 CROZET ISLANDS, etc.

ADC 30 02:05:55.4,0.8,4.58S:139.33E,h0km,mb4.0/8, mbmp4.0/12,ML4.3/4,MS3.0/5,Error ellipse: s-maj=29.0km s-min=17.7km az=91.0

NEIC 30 02:06:01.7,2.0,4.55S:139.41E,h0.07,h35km,1km, mb4.2/13,Error ellipse: s-maj=14.3km s-min=6.4km az=134.0

DJA 30 02:06:02.7,0.3,4.2S:139.9E,h10km,M4.6/13,mb5.4/2, mb4.4/9,MLV4.7/13,MW(mb)4.9/2

ISC 30 02:05:09.0,0.5,4.73S:139.47E,h0.07,h27km,n46, z=2516/44,mb4.1/13,MS3.2/3,Irian Jaya

Main table of station data for the 30-day period, including station names, frequencies, and various parameters. Includes stations like GENI Genyem, JAY Jayapura, JAY Jayapura, etc.

2020 MAY

comp=2.5,3nm,0.6s,baz=96,slow=3.4,SNR=8.5
CPUP Villa Florida 145.09 153 PKPbc PKPbc 02 25 35.2 +0.1
LPAZ La Paz 145.62 128 PKPbc PKPab 02 25 38.7 +0.5

NOU 30 02:10:16.6,16.64S:179.19E,h391km,mb4.4/11,Fiji Islands
NEIC 30 02:11:14.5,1.5,22.3S:0.1x179.3W,0.2,h54km,11km, mb4.2/17,Error ellipse: s-maj=21.8km s-min=17.9km az=105.0

ADC 30 02:11:15.5,2.4,22.30S:179.51W,h54km,27km, mb3.2/10,mbmp4.0/11,Error ellipse: s-maj=27.4km s-min=17.0km az=101.1

ISC 30 02:11:17.3,0.6,22.58S:0.08:179.29W,0.09,h579km, n72,z=2510/74,mb3.9/17,South of Fiji Islands

Table of station data for the 2020 May period, including station names, frequencies, and various parameters. Includes stations like MSVF Nonsavu, URZ Urewera, MTHZ Maungataniwha, etc.

CTAO Charters Tower 32.15 268 P 02 16 57.6 -0.2
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CTAO Charters Tower 32.15 268 P 02 16 57.6 -0.2
CTAO Charters Tower 32.15 268 P 02 16 57.6 -0.2

1946

Table of station data for the 1946 period, including station names, frequencies, and various parameters. Includes stations like CHMN Cheshme madani, DOB Dordib, Yezd, KLNJ Kolanjeh, etc.

ADC 30 02:34:37.6,3.9,36.35N:71.08E,h195km,34km,mb3.4/9, mbmp4.0/13,MS3.7/1,Error ellipse: s-maj=28.1km s-min=21.5km az=12.0

NEIC 30 02:34:41.7,1.5,36.67N:0.08:71.12E,0.07,h219km,7km, mb4.0/15,Error ellipse: s-maj=12.1km s-min=7.2km az=158.0

NNC 30 02:34:44.3,4.3,36.96N:70.90E,h208km,47km,mb2.9, mp3.8,Error ellipse: s-maj=35.7km s-min=27.0km az=16.0

ISC 30 02:34:39.9,0.5,36.65N:0.05:71.03E,0.06,h200km,n71, z=192/80,mb4.0/15,1C-4D,Afghanistan-Tajikistan border region

Main table of station data for the 1946 period, including station names, frequencies, and various parameters. Includes stations like GAR Garm, CHY Yangangaron, KBL Kabul, etc.

1947

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC, Time, Res, ISC. Rows include HHC, ELL, AKAGS, etc.

RSNC 30 02:48:50.8±0.7 N±1.7±3W±, h144km,2km, M2.9,mb3.3, ML2.5
FUNUV 30 02:48:52.4, 7.16N±.73±18W, h5km, MW3.0, Presumed earthquake
ISC 30 02:48:48.3±1.4, 6.85N±0.03±73.14W±0.05, h157km±9km, n28, r1955/54, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC, Time, Res, ISC. Rows include BARC, PAMC, RUSC, etc.

Bull 30 03:06:17.9, 5.78S±152.65E, h13km, mB5.2/36, mb5.0/69, Ms4.7/39, Ms7.4/543
MOS 30 03:06:18.9±1.0, 6.02S±152.21E, h13km, mb5.5/44, Error ellipse: s-maj=8.4km, s-min=3.8km, az=108.6
IDC 30 03:06:18.1±0.4±1.0S±152.26E, h9km, mb5.1/25, mbtmp5.1/26, ML3.8/1, MS3.9/32, Error ellipse: s-maj=14.3km, s-min=9.0km, az=108.0
NEIC 30 03:06:20.0±2.5, 6.06S±152.33E±0.09, h6km±3km, mb5.6/352, Mw5.1/21, Error ellipse: s-maj=12.6km, s-min=7.2km, az=101.0
NEIC 30 03:06:20.3, 6.10S±152.36E, h9km
GFZ 30 03:06:20.3, 6.03S±152.27E, h14km, MW5.1, Moment Tensor Solution, s29 Moment tensor: Mr=5.79; Mw4.61; Ms3.18; Ms0.91; Mw0.38; Msr1.22; Fault plane solution: N P2=94.00000°, 85.00000°, 78.00000°; N P1=254.00000°, 87.00000°, 1.105.00000°. Principal axes: T 4.710k, P16.00000°, Azm175.00000°, N 1.3800k, P110.00000°, Azm266.00000°; P -6.080k, P178.00000°, Azm62.00000°;
GCMT 30 03:06:23.3±0.2, 6.20S±0.01±152.35E±0.02, h12km, MW5.1/106, Moment Tensor Solution. s57, 677; s106, c168; Duration: 0 Moment tensor: Scale 1016Nm; Mr=5.44±.11; Mw0.52±.10; Ms0.21±.11; Msr-1.97±.32; Mw0.82±.10; Msr0.15±.44; Best double couple: Ms5.75100×1016 Np1±257.00000°, 835.00000°, 7.9.00000°. N P2=85.00000°, 85.00000°, 7.9.00000°. Principal axes: T 5.695k, P10.00000°, Azm172.00000°; N 0.170, P14.00000°, Azm262.00000°, P -5.80k, P179.00000°, Azm15.00000°; nsta1 refers to body waves,

2020 MAY

cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function. NEIC 30 03:06:27.3, 6.10S±152.36E, h14km, Moment Tensor Solution. Duration: 188 Moment tensor: Scale 1016Nm; Mr=5.38; Mw4.87; Mw0.51; Msr-0.03; Ms0.21; Msr0.44; Fault plane solution: Ms5.17000×1016 Np1; 9.262.95000°, 845.13000°, 1.96.00000°. N P2=91.43000°, 845.10000°, 1.84.01000°. Principal axes: T 4.8835k, P16.00000°, Azm177.00000°; N 0.5290k, P14.00000°, Azm267.00000°; P -5.4126k, P186.00000°, Azm87.00000°; DJA 30 03:06:27.6±1.3, 6.05S±151.52E±, h53km±10km, M5.3/20, Mw5.1/20, mb5.4/7, ML6.7/1, Mw19/14, 9/7. ISC 30 03:06:21.0±0.5, 6.09S±0.03±152.30E±0.04, h18km±2km, h19km±P-P.n807, r1940/673, mb5.5/279, MS4.1/47, 5C-2D, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC, Time, Res, ISC. Rows include I40PG, RABL, PMG, etc.

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

30d 3h

30d 3h

Table with columns for station code, name, coordinates, and various data points. Includes stations like QZHZ Quanzhou, TJN Taejon, QIZ Qiongzhong, etc.

2020 MAY

Table with columns for station code, name, coordinates, and various data points. Includes stations like XLT, HHC, HHH, etc.

1948

Table with columns for station code, name, coordinates, and various data points. Includes stations like TLY Talaya, IRK Irkutsk, Vnda Vanda, etc.

1949

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like O19K, K17K, F15K, P19K, M18K, J17K, L18K, N19K, ILSW, G16K, O20K, RED, HOM, H17K, H17K, TIXI, TIXI, L19K, M19K, M19K, G17K, BRLL, BRSE, ZSN, ZSN, M20K, M20K, H18K, CAPN, C16K, C16K, J19K, GCSA, E17K, D17K, K20K, K20K, G18K, G18K, SEW, SEW, O22K, F18K, RDOG, PPLA, PPLA, RC01, RC01, E18K, E18K, J20K, J20K, C17K, H19K, M22K, G19K, G19K, I20K, CAST, CAST, L22K, L22K, MK31, MKAR, P23K, P23K, F19K, F19K, CUT, CUT, CHUM, PMR, PMR, H20K, MAKZ, MAKZ, MAKZ, Q23K, Q23K, C18K, GHO, KNK, KNK.

2020 MAY

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like KTH, WUS, SML, GLI, E19K, TRF, M23K, F20K, F20K, SHLS, SHLS, SHLS, H21K, I21K, SCM, WAT1, ZAAO, ZAAO, ZALV, C19K, D19K, D19K, EYAK, EYAK, UZB, UZB, UZB, WAT6, MCK, MCK, MLY, MLY, KAIM, KAIM, A19K, KLU, E20K, E20K, KPXS, KPXS, SATY, SATY, H22K, DHY, DHY, D20K, M24K, F21K, F21K, NEA2, BMRM, I23K, BGLC, N25K, TDK, TDK, TDK, G22K, HARP, HARP, H23K, H23K, CCB, E21K, KDJ, F22K, B20K, B20K, COLA, COLA, COLA, PAX, PAX, CRQE, C21K, HDA, HDA, TGL, G23K, G23K, MDO, MDO, K24K, POKR, MESA, MESA, TNS3, TNS3, TNS3, ILAR, ILAR, ILAR, MCARA, MCARA.

30d 3h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MCARA, AAA, AAA, AAA, E22K, KSH2, KSH2, B21K, B21K, H24K, H24K, RIDG, GRNC, ULHL, QSPA, QSPA, MENT, M26K, M26K, J25K, L26K, BOOM, A21K, MAW, MAW, MAW, MAW, LOGN, E23K, PINM, G24K, G24K, SCRK, SCRK, A22K, PRP, B22K, B22K, D23K, M27K, TKM2, KURK, KURK, KURB, F24K, O28M, O28M, TOLK, E24K, E24K, L27K, L27K, BCAR, G25K, YUK3, KBK, BVCY, C23K, YUK8, K27K, CHMS, UCH, D24K, O29M, O29M, AAK, AAK, AAK, AAK, P29M, P29M, SGDS, BRWY, USP, F25K, F25K, C24K, YUK6, S31K, S31K, YUK4, E25K, E25K, SIT.

30d 3h

Table with columns: ID, Name, baz, SNR, P, P, 03 19 00.1 +1.8, etc. Includes rows like G26K Porcupine River, EKS Erkin-Say, HYS Haines Junction, etc.

2020 MAY

Table with columns: ID, Name, baz, SNR, P, P, 03 19 00.1 +1.8, etc. Includes rows like E29M Blow River, E29M Blow River, IUG IUG, etc.

1950

Table with columns: ID, Name, baz, SNR, P, P, 03 19 00.1 +1.8, etc. Includes rows like KNB Kanab, U15A North Rim, MTPU Mount Pierson, etc.

30d 3h

Table with columns: HKT, Hockley, comp=, 2020 287, IAMS_20, IAMS_20, 03 50 51.7, etc. Lists various locations like Fountain, Carollton, Colider, etc.

2020 MAY

Table with columns: HKT, Hockley, comp=, 2020 287, IAMS_20, IAMS_20, 03 50 51.7, etc. Lists various locations like Hockley, Colider, Sooner Cattle, etc.

1952

Table with columns: FRTB, Fartura, comp=, 49.17 185 eP, P, 03 30 40.6 +0.9, etc. Lists various locations like Fartura, Moxa, Moxa, etc.

1953

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Date, Time, and other parameters. Includes stations like TULEG Thule, CONA Conrad, CUCU Castrucio, etc.

2020 MAY

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Date, Time, and other parameters. Includes stations like FXWV Fox Creek, STHS Stebnicka Huta, AHID Auburn Hatcher, etc.

30d 3h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, Date, Time, and other parameters. Includes stations like MINK, MINK, MINK, etc.

1955

H22K	comp=Z,1um,19.0s	IAMS_20	IAMS_20	04 06 43.4	
H22K	Ishtalita Cre baz=64,SNR=8.8	72.97 336	P	P	03 33 19.6 -1.4
SCM	Sheep Creek Mo baz=67	73.00 331	P	P	03 33 19.4 -1.9
B20K	Meade River comp=Z,14nm,0.9s	73.02 341	Iamb	Iamb	03 33 27.3
B20K	Meade River comp=Z,2um,22.0s	73.02 341	IAMS_20	IAMS_20	04 04 45.1
B20K	Meade River baz=60	73.02 341	P	P	03 33 19.4 -1.7
FID	Port Fidalgo comp=Z,1.1nm,0.9s	73.04 330	Iamb	Iamb	03 33 33.1
MLY	Manley comp=Z,18nm,1.6s	73.09 335	Iamb	Iamb	03 33 47.8
MLY	Manley comp=Z,1um,20.0s	73.09 335	IAMS_20	IAMS_20	04 04 33.0
MLY	Manley baz=65	73.09 335	P	P	03 33 20.8 -1.0
WAT1	Susitna Watana baz=66	73.13 332	P	P	03 33 21.2 -0.8
F21K	Alatna River comp=Z,1um,21.0s	73.14 337	IAMS_20	IAMS_20	04 05 58.8
F21K	Alatna River baz=63	73.14 337	P	P	03 33 21.1 -0.9
M21K	Glacier View baz=66	73.19 331	P	P	03 33 21.9 -0.4
GL3K	Glacier Island baz=67	73.27 330	P	P	03 33 22.2 -0.6
SML	Sawmill baz=66	73.45 331	P	P	03 33 23.4 -0.5
D20K	Etiwuk River comp=Z,1.7nm,1.1s	73.48 339	Iamb	Iamb	03 33 36.4
D20K	Etiwuk River baz=61,SNR=9.3	73.48 339	P	P	03 33 23.5 -0.4
Q23K	Middleton Isla baz=67	73.50 328	P	P	03 33 23.9 -0.2
I21K	Tanana baz=64	73.50 335	P	P	03 33 23.4 -0.7
E20K	Nigu River baz=61,SNR=12	73.57 339	P	P	03 33 23.5 -1.0
TRF	Thorofare Moun comp=Z,2um,19.0s	73.59 333	IAMS_20	IAMS_20	04 05 25.2
TRF	Thorofare Moun baz=65,SNR=6.6	73.59 333	P	P	03 33 24.0 -0.9
H12K	Melozitna Rive comp=Z,9.2nm,0.9s	73.60 336	Iamb	Iamb	03 33 30.9
H21K	Melozitna Rive baz=63,SNR=8.3	73.60 336	P	P	03 33 24.5 -0.1
GNI	Knik Glacier baz=65	73.66 331	P	P	03 33 24.6 -0.6
KNI	Garni baz=65	73.68 53	P	P	03 33 24.9 -0.9
GNI	Garni comp=Z,84nm,1.6s	73.68 53	pmax	pmax	03 33 24.9 -0.9
GNI	Garni comp=Z,400nm,22.0s	73.68 53	MLR	MLR	
GHO	Glory Hole Cre comp=Z,9.0nm,1.0s	73.72 331	Iamb	Iamb	03 33 35.4
P23K	Montague Isan baz=66	73.76 329	P	P	03 33 25.3 -0.4
KTH	Kantishna Hill comp=Z,14nm,0.8s	73.80 333	Iamb	Iamb	03 33 31.4
KTH	Kantishna Hill comp=Z,2um,19.0s	73.80 333	IAMS_20	IAMS_20	04 05 39.8
PMR	Palmer baz=65	73.88 331	P	P	03 33 25.6 -0.7
F20K	Avaraart Lake comp=Z,2um,19.0s	74.00 338	IAMS_20	IAMS_20	04 09 03.4
F20K	Avaraart Lake baz=61,SNR=5.9	74.00 338	P	P	03 33 26.6 -0.3
CUT	Chulitna baz=64	74.03 332	P	P	03 33 25.5 -0.6
A19K	Wainwright baz=57	74.06 341	P	P	03 33 26.8 -0.5
D19K	Kuna River comp=Z,1.7nm,1.0s	74.07 339	Iamb	Iamb	03 33 33.3
D19K	Kuna River comp=Z,2um,22.0s	74.07 339	IAMS_20	IAMS_20	04 06 01.1
D19K	Kuna River baz=59,SNR=12	74.07 339	P	P	03 33 27.1 -0.3
L22K	Petersville baz=64,SNR=6.6	74.18 332	P	P	03 33 27.7 -0.5
CHUM	Lake Minchumini baz=63,SNR=7.1	74.21 334	P	P	03 33 27.2 -1.0
C19K	Lookout Ridge comp=Z,1.1nm,0.9s	74.21 340	Iamb	Iamb	03 33 34.5
C19K	Lookout Ridge baz=58,SNR=8.6	74.21 340	P	P	03 33 27.4 -0.8
E19K	Redstone River comp=Z,8.9nm,0.8s	74.31 338	Iamb	Iamb	03 33 34.4
E19K	Redstone River comp=Z,1um,19.0s	74.31 338	IAMS_20	IAMS_20	04 09 31.5
E19K	Redstone River baz=60,SNR=11	74.31 338	P	P	03 33 27.5 -1.3
CAST	Castle Rocks comp=Z,2um,19.0s	74.33 333	IAMS_20	IAMS_20	04 05 57.7
CAST	Castle Rocks baz=63	74.33 333	P	P	03 33 27.2 -1.8
RC01	Rabbit Creek A baz=65	74.36 331	P	P	03 33 27.9 -1.3
H20K	Anotlenega Mo baz=61,SNR=8.8	74.44 336	P	P	03 33 28.2 -1.4
PPLA	Purkeypile comp=Z,2um,18.0s	74.61 333	IAMS_20	IAMS_20	04 06 32.1
PPLA	Purkeypile baz=63	74.61 333	P	P	03 33 29.0 -1.8
MAK	Makhachkala comp=Z,1um,14.0s	74.63 50	eP	eP	03 33 23.8 -7.3
MAK	Makhachkala baz=64	74.63 50	MLR	MLR	
SEW	Seward baz=64	74.65 330	P	P	03 33 30.3 -0.5
SKT	Skwentna comp=Z,10nm,1.0s	74.75 332	Iamb	Iamb	03 33 42.1
SKT	Skwentna baz=63	74.75 332	P	P	03 33 29.9 -1.5
J20K	Nowinta River comp=Z,2um,20.0s	74.79 335	IAMS_20	IAMS_20	04 05 55.8
J20K	Nowinta River baz=62	74.79 335	P	P	03 33 30.9 -0.7
F19K	Shalerucik Mo comp=Z,1um,19.0s	74.81 338	IAMS_20	IAMS_20	04 10 00.7
F19K	Shalerucik Mo baz=58	74.81 338	P	P	03 33 31.2 -0.4
SLKM	Skilak Lake comp=Z,16nm,1.2s	74.83 330	Iamb	Iamb	03 33 43.6
G19K	Purcell Mouna comp=Z,14nm,1.1s	74.92 337	Iamb	Iamb	03 33 44.6
G19K	Purcell Mouna comp=Z,1um,21.0s	74.92 337	IAMS_20	IAMS_20	04 06 08.8
G19K	Purcell Mouna baz=60	74.92 337	P	P	03 33 31.7 -0.6
C18K	Utukok River comp=Z,14nm,1.1s	74.95 340	Iamb	Iamb	03 33 44.9
C18K	Utukok River comp=Z,2um,21.0s	74.95 340	IAMS_20	IAMS_20	04 06 51.2
C18K	Utukok River baz=57,SNR=7.4	74.95 340	P	P	03 33 30.8 -1.8
H19K	Roundabout Mou comp=Z,1um,20.0s	75.00 336	IAMS_20	IAMS_20	04 07 59.0
H19K	Roundabout Mou baz=60	75.00 336	P	P	03 33 31.9 -0.9
STLK	Strandline Lak comp=Z,5.6nm,0.4s	75.09 332	Iamb	Iamb	03 34 14.5
CAPN	Captain Cook N baz=63	75.12 331	P	P	03 33 32.6 -1.0
K20K	Telida comp=Z,1um,19.0s	75.15 334	IAMS_20	IAMS_20	04 06 24.4
K20K	Telida baz=62	75.15 334	P	P	03 33 23.5 -1.3
AKT	Akhty comp=Z,1um,19.0s	75.33 51	eP	eP	03 33 36.5 +1.2
AKT	Akhty comp=Z,116nm,2.1s	75.33 51	pmax	pmax	03 36 25.4
AKT	Akhty comp=Z,564nm,19.0s	75.33 51	MLR	MLR	
SPCR	Spurr Chakacha baz=63	75.39 331	P	P	03 33 34.3 -0.9
BRSE	Bradley Lake S baz=63	75.40 330	P	P	03 33 33.9 -1.4
E18K	Tukpahlearik C baz=57	75.44 339	P	P	03 33 34.4 -0.9
J19K	Poorman comp=Z,2um,20.0s	75.45 335	IAMS_20	IAMS_20	04 06 25.1
J19K	Poorman baz=60	75.45 335	P	P	03 33 34.5 -0.9

2020 MAY

M20K	Styx River comp=Z,12nm,0.8s	75.46 332	Iamb	Iamb	03 33 40.3
M20K	Styx River baz=60,SNR=6.4	75.46 332	P	P	03 33 35.0 -0.7
GCSA	Galena City Sc baz=60	75.55 336	P	P	03 33 35.3 -0.6
F18K	Selawik baz=58	75.56 338	P	P	03 33 34.6 -1.4
G18K	Tagagawik comp=Z,1um,22.0s	75.59 337	IAMS_20	IAMS_20	04 06 29.7
G18K	Tagagawik baz=58	75.59 337	P	P	03 33 35.1 -1.1
TSUM	Tsumeb comp=Z,1um,22.0s	75.63 120	LR	LR	03 59 21.7
TSUM	Tsumeb baz=326,slow=30	75.63 120	IAMS_20	IAMS_20	04 06 16.3
C17K	DeLong Mounai comp=Z,1um,19.0s	75.65 340	P	P	03 33 35.2 -1.4
RDOG	Red Dog Mine comp=Z,2um,21.0s	75.81 340	IAMS_20	IAMS_20	04 07 30.0
RDOG	Red Dog Mine baz=59	75.81 340	P	P	03 33 36.4 -1.0
HOM	Homeg baz=63	75.84 330	P	P	03 33 36.8 -0.9
ARTI	Arti comp=Z,1um,19.0s	75.85 34	P	P	03 33 37.6 -0.3
ARTI	Arti baz=60,SNR=9.2	75.85 34	eP	eP	03 33 38.3 +0.4
ARTI	Arti comp=Z,1um,19.0s	75.85 34	SS	SS	03 43 21.7 +0.9
ARTI	Arti comp=Z,1um,19.0s	75.85 34	SS	SS	03 40 06.2 -5.8
H18K	Honhosa River comp=Z,1um,20.0s	75.88 336	IAMS_20	IAMS_20	04 07 50.3
H18K	Honhosa River baz=58	75.88 336	P	P	03 33 36.0 -1.9
M19K	Big River Lodg comp=Z,11nm,0.9s	75.98 333	Iamb	Iamb	03 33 43.4
M19K	Big River Lodg baz=61	75.98 333	P	P	03 33 37.3 -1.2
RED	Redoubt Volcan comp=Z,15nm,0.9s	75.99 331	Iamb	Iamb	03 33 43.8
E17K	Hoatham Inlet baz=56	76.02 339	P	P	03 33 37.1 -1.6
L19K	White Mountain comp=Z,1um,20.0s	76.03 333	Iamb	Iamb	03 33 50.0
L19K	White Mountain baz=61,SNR=8.3	76.03 333	P	P	03 33 37.0 -1.9
D17K	Noatak River baz=55	76.07 340	P	P	03 33 38.0 -0.9
O20K	Glope Mountain baz=62	76.09 330	P	P	03 33 37.6 -1.7
C16K	Lisburne Hills comp=Z,14nm,1.0s	76.42 341	Iamb	Iamb	03 33 47.4
C16K	Lisburne Hills comp=Z,2um,21.0s	76.42 341	IAMS_20	IAMS_20	04 08 30.0
C16K	Lisburne Hills baz=59,SNR=9.4	76.42 341	P	P	03 33 39.4 -1.5
G17K	Kiwalik Mouna baz=56	76.50 337	P	P	03 33 40.3 -1.2
N19K	Bonzanza Cree comp=Z,7.8nm,0.9s	76.55 332	Iamb	Iamb	03 33 46.4
N19K	Bonzanza Cree comp=Z,2um,20.0s	76.55 332	IAMS_20	IAMS_20	04 06 48.8
N19K	Bonzanza Cree baz=61,SNR=6.4	76.55 332	P	P	03 33 39.5 -2.4
H17K	Granite Mouna comp=Z,15nm,1.1s	76.55 337	Iamb	Iamb	03 33 48.1
H17K	Granite Mouna comp=Z,1um,20.0s	76.55 337	IAMS_20	IAMS_20	04 09 00.1
H17K	Granite Mouna baz=57	76.55 337	P	P	03 33 39.9 -1.8
P19K	Oil Pt baz=61	76.56 330	P	P	03 33 39.7 -2.2
L18K	Granite Mouna comp=Z,2um,20.0s	76.76 333	IAMS_20	IAMS_20	04 07 50.0
L18K	Granite Mouna baz=56	76.76 333	P	P	03 33 41.0 -2.0
SVE	Sverdlouvs comp=Z,1um,19.0s	76.77 33	eP	eP	03 33 42.8 -0.3
SVE	Sverdlouvs comp=Z,1um,19.0s	76.77 33	pmax	pmax	
M18K	Stony River baz=59,SNR=7.2	76.78 333	P	P	03 33 41.4 -1.6
J17K	VABM Dome comp=Z,1um,20.0s	77.08 335	IAMS_20	IAMS_20	04 08 02.2
J17K	VABM Dome baz=61	77.08 335	P	P	03 33 42.1 -2.6
G19K	Cape Douglas, baz=61	77.09 330	P	P	03 33 42.6 -2.3
K17K	Iditarod comp=Z,16nm,1.0s	77.14 334	Iamb	Iamb	03 33 56.6
K17K	Iditarod comp=Z,2um,21.0s	77.14 334	IAMS_20	IAMS_20	04 07 26.0
K17K	Iditarod baz=58	77.14 334	P	P	03 33 43.2 -1.9
KDAK	Kodiak Island comp=Z,1um,21.8s	77.15 328	LR	LR	04 06 41.6
KDAK	Kodiak Island baz=53,slow=35	77.15 328	IAMS_20	IAMS_20	04 05 56.0
KDAK	Kodiak Island comp=Z,1um,22.0s	77.15 328	eP	eP	03 33 47.2 +2.0
KDAK	Kodiak Island comp=Z,1um,22.0s	77.15 328	pmax	pmax	
KDAK	Kodiak Island comp=Z,12nm,1.1s	77.15 328	P	P	03 33 43.6 -1.5
G16K	Koyuk River comp=Z,7.8nm,0.9s	77.16 338	Iamb	Iamb	03 33 50.9
G16K	Koyuk River baz=55	77.16 338	P	P	03 33 42.5 -2.6
WIN	Windick comp=Z,2um,22.0s	77.17 123	IAMS_20	IAMS_20	03 58 57.1
N18K	Kilae Cree comp=Z,14nm,1.3s	77.21 332	Iamb	Iamb	03 33 55.1
N18K	Kilae Cree comp=Z,2um,19.0s	77.21 332	IAMS_20	IAMS_20	04 07 46.2
N18K	Kilae Cree baz=60	77.21 332	P	P	03 33 44.1 -1.4
O18K	Koktuh Hills comp=Z,1um,20.0s	77.33 331	P	P	03 33 45.4 -0.8
O18K	Koktuh Hills baz=60,SNR=12	77.33 331	P	P	03 33 44.9 -1.3
I17K	Unalakleet comp=Z,2um,21.0s	77.42 336	IAMS_20	IAMS_20	04 07 44.0
I17K	Unalakleet baz=59	77.42 336	P	P	03 33 44.6 -2.0
L17K	Donlin baz=58,SNR=12	77.45 334			

30d 3h

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like KSH2, WUSHI, WMQ, TAOE, PETK, PPT2, PPT1, HYB, TBI, CD2, NJ2, SSE, NACB, QIZ, YULB, KKM, DAV, TOL2, KAPI, FAKI.

ROM 30 03:29:11.4±0.0, 43.085N, 0°00'2.785E, 0.004, h10km, ML1.6/70, 6C-6D, Error ellipse: s-maj=0.3km s-min=0.2km az=61.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like ASSB, CESI, FOPC, SEFI, MML1, ATCC, FIU1, MTCL, SNTG, FEM1, MURB.

2020 MAY

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like MURB, ATFO, ATTE, EL6, MC2, NRCA, SSFR, GUMA, ATVO, ARVD, FRON, MMT0, ATPI, PIEI.

1956

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like CESH, LNSS, MGAB, APEC, MPAG, NARO, MNTT, SMA1, PE3, RM33, TERO.

BGR 30 03:29:27.8, 24°21'N, 44°76'W, h33km, mb4.7, IDC 30 03:29:30.1±0.4, 25°96'N, 45°03'W, h0km, mb4.6/39, mbmp4.6/39, Error ellipse: s-maj=12.0km s-min=10.0km az=156.0

MOS 30 03:29:30.2±0.9, 25°95'N, 45°05'W, h10km, mb5.1/57, Error ellipse: s-maj=8.2km s-min=4.8km az=51.5

GFZ 30 03:29:32.7, 25°92'N, 45°00'W, h11km, MWV5.4, Moment Tensor Solution. s6 Moment tensor: Mr=1.52; Mw=0.59; Mx=0.93; My=0.11; Mz=0.12; Mxy=0.32; Fault plane solution: NP1: 198.00000°, 852.00000°, -89.00000°. NP2: 17.00000°, 837.00000°, -89.00000°.

NEIC 30 03:29:32.5±1.5, 25°98'N, 45°01'W, h10km, mb5.1km, mb5.0/529, Mww5.4/15, Error ellipse: s-maj=16.9km s-min=15.4km az=137.0

NEIC 30 03:29:32.6±2.5, 98'N, 44°99'W, h10km, NEIC 30 03:29:33.25±98N, 45°10'W, h16km, Moment Tensor Solution. Duration: 286. Moment tensor: Scale 1017Nm; Mr=1.36; Mw=0.30; Mx=1.06; My=0.02; Mz=0.21; Mxy=0.70; Fault plane solution: M=1.43000x10^17 NP1: 198.80000°, 830.86000°, -80.19000°. NP2: 19.00000°, 859.64000°, -95.82000°. Principal axes: T 1.2866, Plg14.0000°, Azm102.0000°, N 0.2602, Plg5.0000°, Azm10.0000°, P -1.5468, Plg75.0000°, Azm262.0000°.

GCMT 30 03:29:34.5±0.2, 25°97'N, 45°02'W, h12km, MWV5.3/140, Moment Tensor Solution. s36, c43; s140, c264; Duration: 191. Moment tensor: Scale 1017 Nm; Mr=1.23; Mw=0.2; Mx=0.10; My=0.12; Mz=0.2; Mxy=0.01; Mzw=0.22; Mxz=0.02; Mzy=0.02; Best double couple: M=1.19800x10^17, NP1: 198.00000°, 845.00000°, -89.00000°. NP2: 191.00000°, 845.00000°, -89.00000°. Principal axes: T 1.1650, Plg0.0000°, Azm282.0000°; N 0.0590, Plg1.0000°, Azm192.0000°; P -1.2300, Plg89.0000°, Azm46.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

INMG 30 03:29:35.0±5.6, 25°83'N, 44°87'W, h10km, M5.7, #DIST_RANGE: DISTANT

ISC 30 03:29:33.0±2.2, 25°92'N, 45°05'W, 0.06, h18km, mb11km, mb47.0/88/656, mb5.0/358, 27C-23D, North Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like CMLA, CHA DA MACELA.

1957

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CMLA, HUMP, SJG, ECPR, CELP, UUPR, CRPR, SDDR, DRLN, PMAR, SDV, FRNY, MNTQ, BINY, WBO, S57A, Q56A, BIRD, U56A, R55A, BLA, MCWV, PRPB, PAOC, O54A, MACA, LIS, PTEO, U54A, SCHQ, SCHO, P53A, MOE, PBDV, PMTG, NBPV, PBEJ, PVAQ, P54A, MTE, GOGA, PVIS, PGAV, PMRV, PCBR, PCAB, MTE, MTE, POLO, PVRL, TZTN, TKL, ACSO, Q51A, SMTB, TEF, PBGR, X51A, I49A, O49A, MD01, O48B, 250A, PAB, WCI, WCI, ESDC, ESDC, ESDC, X48A, SFIN, WWT, WWT.

2021 MAY

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like USIN, CLDB, SDBA, PARMO, CCM, CCM, CCM, JRB, JRB, JRB, OTAV, OTAV, TBO, VILB, VILB, WHAR, BDFB, BDFB, BDFB, UALR, X40A, ARAG, WLAR, EKA, EKA, N38A, SCIA, P38A, DBIC, DBIC, DBIC, SALV, I37A, CZSB, CZSB, MTO3, MTO3, U38A, PTLB, PTLB, GDH, GDH, Z38A, N35A, TUL3, PP1B, BSFB, HKT, HKT, H10N2, H10N3, DEOK, H10N1, DOU, OK052, RIB01, AGMN, BGES, RCHB, BNI, BBSD, LOOK, H10S1, H10S2, TORD, TORD, TORD, ULM, ULM, ULM, WLF, BHOU, NUUG, NUUG, WHTX, MEM, TAM, TAM, BTNL, ECH, ECH, R32A, PLPT, WFTS, WMOK, SUMG, SUMG, BFO, BFO.

30d 3h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BFO, BFO, KEST, AODB, BRDY, IBBN, TUE, TUE, LPAZ, LPAZ, LPAZ, LPAZ, LPAZ, STU, STU, ABTX, MDND, HNDO, DAVA, JCT, 833A, FETA, RETA, SN07, MOTA, SQTA, CLZ, CTI, SGCY, WATA, GRFO, GRFO, GRA1, GRA1, GRF, GRF, WTTA, OZNA, FRTB, MUD, MUD, SSRD, MOX, FLTG, GORTI, ABTA, MANZ, ROTZ, PLN, LESA, RTBA, FDMO, NKC, MSTX, AQU, AQU, POIN, DBG, DBG, ODSA, KBA, FFC, FFC, FFC, KONO, KONO, BLKN, CLL, CLL, MYKA, BIOA, KHC, KHC, GERS, GERS, GERS, MOA, BRG, ZVC, CKRC, CKRC.

30d 3h

2020 MAY

1958

Table with columns: call sign, name, frequency, power, mode, and other parameters. Includes stations like OBKA Obir, PRU Pruhonice, NB000 NORARS Array S, etc.

Table with columns: call sign, name, frequency, power, mode, and other parameters. Includes stations like HWUT Hardware Ranch, Q16A Castle Valley, MPU Maple Canyon, etc.

Table with columns: call sign, name, frequency, power, mode, and other parameters. Includes stations like AKKB comp=Z,1.6nm,1.0s, AKBB Malin Array Si, GWY Greenwater Val, etc.

1959

Table with columns: ID, Name, baz, SNR, I/Amb, P, 03, 04, 50.1, etc. Includes entries like G29M Pine Creek, G29M Pine Creek, WHY Whitehorse, etc.

2020 MAY

Table with columns: ID, Name, baz, SNR, P, 03, 04, 48.3, etc. Includes entries like SCRK Sand Creek, L26K Log Cabin Wild, GRNC Granite Creek, etc.

30d 3h

Table with columns: ID, Name, baz, SNR, P, 73.63, 53, 73.64, etc. Includes entries like TRF Thorofare Moun, GNI Gani, GNI Gani, etc.

30d 3h

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Rows include Cape Douglas, Iditarod, Koyuk River, etc.

2020 MAY

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Rows include Kurchatov Arra, Zalesovo Array, Zalesovo Beam, etc.

IDC 30 03:32:55.7-0.5, 25.90N-44.92W, h0km, mb4.2/28, mbmp4.2/28, Error ellipse: s-maj=16.0km s-min=12.4km az=134.0

NEIC 30 03:58.4-2.7, 25.9N-0.1:44.99W-0.08, h10km, mb4.6/76, Error ellipse: s-maj=17.8km s-min=11.5km az=198.0

ISC 30 03:32:57.9-0.4, 25.85N-0.08-44.92W-0.07, h12km, n126, e1919/102, mb4.6/55, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Rows include SJG San Juan, UUPR Utuado, MDP Montages des, etc.

1960

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Rows include Koelnbreinsper, Pond Inlet, Terra Mystica, etc.

IDC 30 03:33:60.0-0.6, 25.91N-45.06W, h0km, mb4.3/27, mbmp4.3/27, Error ellipse: s-maj=16.6km s-min=14.5km az=136.0

NEIC 30 03:04:02.7-1.9, 25.9N-0.1:44.99W-0.1, h10km, mb4.7/68, Error ellipse: s-maj=21.2km s-min=19.1km az=121.0

ISC 30 03:34:02.1-0.5, 25.87N-0.09-44.99W-0.09, h12km, n90, e1501/68, mb4.6/56, Northern Mid-Atlantic Ridge

Table with columns: MDP, U56A, ACSSO, ESDC, SFIN, T42A, LCAR, CCM, FRB, TBO, BDFB, P40A, DBC, EPLO, OK051, TORO, ILAR, K30B, BRDY, LPAZ, LPAZ, POST, GERES, NC602, NC303, TXAR, HFS, 121A, EGMT, CC, PDW6, B316, PDAR, YKA, FINES, FINES, ARCES, ARCES, KIEV, AKASG, AKASG, BRTR, BRTR, INK, O28M, L27K, P25K, PLCA, F24K, KBZ, C23K, G24K, IL31, ILAR, ILAR, G23K, KLU, D20K, D19K, C19K, G19K, C18K, J19K, M20K, L19K, C16K, O18K, M16K, NRIK. Each row contains station name, coordinates, and various parameters.

Table with columns: TIXI, BVAR, ZAAO, ZAAO, ZALV, IDC 30 03:35:11.0, ESDC, TORO, AKASG, ILAR, KURBB, IDC 30 03:36:43.4, TORO, LPAZ, AKASG, ILAR, TIXI, IDC 30 03:39:53.5, H10N2, H10N3, H10N1, H10S3, H10S2, LPAZ, NOA, PDAR, YKA, FINES, AKASG, ILAR, KURBB, IDC 30 03:41:06.2, TORO, LPAZ, GERES, NOA, YKA, ARCES, ILAR, AKASG, ILAR, BVAR, IDC 30 03:46:10.8, TORO, LPAZ, GERES, NOA, YKA, ARCES, ILAR, AKASG, ILAR, BVAR, IDC 30 03:46:13.2, NEIC, GCMT. Each row contains station name, coordinates, and various parameters.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes station names like Rowland, King, Manacapuru, Tackaleechee C, Alum Creek Sta, Columbus Grove, French Village, Sonseca Array, Torodi Ar. Bea, Malin Array Be, Eielson Array, Kurchow Arra, Torodi Ar. Bea, La Paz, Malin Array Be, Eielson Array, NORSAR Array B, Lajitas Array, Hagfors, Cookes Peak, Eagleton, Djow, Boulder Array, Pinedale Array, Pinedale Array, Yellowknife Ar, FINESS Array B, FINESS Array B, ARCES Array B, Kieff, Malin Array Be, Keskin Array B, Inuvik, Sheenikj River, Mount Upton, Beaver Creek, Christian River, Paso Flores, Squaw Lake, Khabaz, Iklikli River, Hadweenzic Riv, Eielson Array, Bananza Creek, Klutina, Etivuk River, Styx Riv, Kuna River, Lookout Ridge, Purcell Mounta, Utukok Hill, Poorman, White Mountain, Lisburne Hills, Utukok Hill, Timber Creek, Norli's. Each row contains station name, coordinates, and various parameters.

30d 3h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZVC Zvikov, CKRC Cesky Krumlov, and various ARSA and MORC stations.

2020 MAY

Table with columns for station name, frequency, power, and other technical details. Includes stations like DLBC Dease Lake, R33M Jennings River, and various G3M and H31M stations.

1962

Table with columns for station name, frequency, power, and other technical details. Includes stations like G25K Bearman Lake, D24K Happy Valley, and various SCRK and L26K stations.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like L22K Petersville, C19K Lookout Ridge, CHUM Lake Minchumina, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CHIR Chirikof Islan, L14K Kukla Creek, M14K Betha, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ESDC Sonseca Array, X48A Hartsettle, WVT Waverly, etc.

Technical notes and data for station WRA, including coordinates, antenna details, and signal characteristics.

30d 3h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LPAZ, DAVOX, DAVA, etc.

2020 MAY

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MTPU, X16A, YKA, etc.

1964

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CRAG, R32K, I29M, etc.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Residual, Elevation Residual. Rows include stations like E23K Chandalar, CRQE Circe, VRDE Verde Repeater, etc.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Residual, Elevation Residual. Rows include stations like G19K Purcell Mounta, G19K Purcell Mounta, C18K Ukukok River, etc.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Residual, Elevation Residual. Rows include stations like M14K Bethel, O15K Ungalikthiuk R, ABKAR Akbulak array, etc.

IDC 30 04:01:02.9:2.0,25:83N:44:97W,h0km,mb3.5/4, mbtm03.5/4, Error ellipse: s-maj=83.3km s-min=27.4km az=8.0, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Residual, Elevation Residual. Rows include stations like H10N2 ASCENSION HYDR4.69 134, H10N3 ASCENSION HYDR4.69 134, etc.

30d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ARE1 Arenal 1, VARE2 Y. Arenal, CEDE Laguna Cedero, etc.

JMA 30 04:37:47.2±0.1, 37.1N, 103.139E, 0.3, h3km, 1km, MVO.8/18, WESTERN FUKUSHIMA PREF, Eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like JUON Uonuma, ALUN Las Juntas de

TAP 30 04:38:04.0, 23°23'N, 120°82'E, h5km, ML3.5, C

ISC 30 05:34:04.0±0.9, 23°24'N, 101°18'20"E, 0.01, h5km, 6km, n131, c1904/253, 9C-10D, Taiwan

Large table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like STYH Taoyuan, STYV Taoyuan, STYT Taoyuan, etc.

2020 MAY

Large table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TYC Yuchr, YSF Szu, TSKC Chigu Township, etc.

1968

Large table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like IDC 30 05:30:10.3±3.5, 6°29'S, 146°76'E, h101km, 33km, mb3.5/5, etc.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include TXAR Lajitas Array, NOA NORSAR Array B, HFS Hagfors, EIL Elat, YKA Yellowknife Ar.

TRN 30 06:16:40.5, 11:74N-61:72W, h94km, MD3.1, South of Grenada. FUNV 30 06:16:41.8, 11:91N-60:94W, h60km, MW2.7, Presumed earthquake.

ISC 30 06:16:41.4, 3.3, 11.76N, 0.04, 61.8W, 0.4, h97km, 16km, n11, c0534/20, Windward Islands

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include GRFF Grenada Fort F, GRGR Grenville, GOMP Grenada, Carri, PSMG Mucurapo Girls, TRN Trinidad (W), SLBI Saint Lucia, B.

ISC 30 06:30:33.6, 2.8, 6.76S, 129.28E, h109km, 40km, mb3.2/1, mbtmp3.6/5, Error ellipse: s-maj=63.1km s-min=17.3km az=95.0, Banda Sea

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include SIJU Sorong, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

ISC 30 06:42:20.1, 1.3, 34:32N-25:87E, h0km, mb3.7/6, mbtmp3.6/10, ML3.3/4, MS3.3/1, Error ellipse: s-maj=25.1km s-min=18.9km az=20.0

ISC 30 06:42:24.3, 1.0, 34:33N, 0.1:25.87E, 0:09, h32km, n12, c089/12, mb3.7/5, Crete

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include IDI Anoyia, BRTR Keskin Array B, EIL Elat, KBZ Khabaz, AKASG Malin Array Be, HFS Hagfors, TORD Torodi Ar, BEA, ARCES ARCES Array B, KURBB Kurchatov Arra, BORG Borganes, MKAR Makanchi Array, YKA Yellowknife Ar.

ISC 30 06:49:48.1, 1.3, 34:26N-25:44E, h0km, mb3.5/5, mbtmp3.5/9, ML3.3/4, Error ellipse: s-maj=23.0km s-min=20.0km az=42.0

ISC 30 06:49:50.4, 0.9, 34:22N, 0.1:25.5E, 0:1, h17km, n10, c077/11, mb3.3/4, Crete

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include IDI Anoyia, EIL Elat, KBZ Khabaz, AKASG Malin Array Be, GERES GERES Array B, ESDC Souda Array, TORD Torodi Ar, BEA, KURBB Kurchatov Arra, MKAR Makanchi Array, YKA Yellowknife Ar.

ISC 30 06:51:10.9, 1.2, 9:02S, 126:67E, h0km, mb3.6/3, mbtmp3.9/9, ML3.7/5, MS3.2/4, Error ellipse: s-maj=26.5km s-min=18.6km az=90.0

ISC 30 06:51:16.0, 0.8, 9:29S, 0:07, 126:65E, 0:08, h35km, n11, c087/13, mb3.7/3, Timor region

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include BATI Baumata, BATI 22nm, 0.3s, KAPI Kappang, FITZ Fitzroy Crossi, FITZ 0.6nm, 0.3s.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include SIJU 3.5nm, 0.3s, SIJU comp=2.69nm, 18.4s, WRA Warramunga Arr, WRA 0.5nm, 0.3s.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, ASAR 0.1nm, 0.3s, ASAR comp=2.136nm, 18.4s.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include PMG Port Moresby, JCJ Chichijima, SONMI Songio Array, MKAR Makanchi Array.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include KURBB Kurchatov Arra, MKAR Makanchi Array.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include OBKA Obir, ARSA Arzberg, MYKA Terra Mystica, CONA Conrad Observa.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include KBA Koelnbreinsperg, ABTA Abtaltersbach, MOA Molin, LESA Schwarzbach.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include WTTA Wattenberg, WATA Walderalm, GERES GERES Array B, FETA Feichten.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include MOTA Moosalm, DAVOS Davos/Dischmal, HFS Hagfors, FINES FINES Array B.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include NOA NORSAR Array B, EKA Eskdalemuir Ar, MKAR Makanchi Array.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include PENT Pentalosio, KPRO Kiproio, KZAN Kozani, SRN Sarande.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include TIR Tirane, VLO Vlora, NASANAoussa, JAN Janina.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include PPH Peshkopia, KTI Kastanea, PRMD Pramanda, IGT Igomounitsa.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include KEK Kerkira, TETR Tetrakomo, Epi, LIT Likitoron.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include THL Thessaloniki, SDA SDA, SDA SDA, KNT Kendrikon.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include ULC Ulcinj, AMPL Ampelaki, AMPL Ampelaki.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include HORT Horiatia, TSK Tsoukalades, L, SCTE Santa Cesarea.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include LK2D Lefkada island, EVR Erytria, DRME Dracevica, Mon.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include NYDR Nydri-Lefkada, NYDR Nydri-Lefkada, MAKRA Makrakomi, Fth.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include DRAG Dragano-Lefkad, PVP Pylavos, AGG Agios Georgios.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include EVGI Lefkada island, PLG Polygyros, PDG Podgorica.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include PDG Podgorica, PVO Paravola, BUM Brajci-Budva.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include FSK Fiskardo, SRS Serrai, MESG Messagne.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include ANX Ano Chora, PLEV Plevrou-Mesol, IVA Berane.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include CEME Cevo, CEME Kolasin, AGRP Agradipokambos.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include KOME Komos, AKAR Agios Charalam, AFP Efpalio.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include MALA Malamata, Dori, MG00 Magoula, Dorid, DMLN Demouliatana-K.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include NVR Nerokopi, SERG Sargol, HCY Herczeg Novi, VLS Valsamata.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include CUR Curranopolis, IVA Varsana, KALE Kalithea, NKME Nikis.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include PSARO Psaromita, Dor, RTZL Ratazaki, Gela, AGEO Agios Georgios.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include ATAL Atalanti, LKR Lokris, RLS Riolos of Patr, BRV Bratogost.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include UPM Utop-Piva, MLR Muntele Rosu, OBKA Obir, ARSA Arzberg.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include MYKA Terra Mystica, CONA Conrad Observa, KBA Koelnbreinsperg.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include ABTA Abtaltersbach, MOA Molin, LESA Schwarzbach, WTTA Wattenberg.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include WATA Walderalm, GERES GERES Array B, FETA Feichten, MOTA Moosalm.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include LCO Las Campanas, LCO Las Campanas, LCO Las Campanas.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include CO05 La Serena, CO05 La Serena, CO05 La Serena.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include CO05 La Serena, CO05 La Serena, CO05 La Serena.

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Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include CO05 La Serena, CO05 La Serena, CO05 La Serena.

Table with 12 columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Rows include CO05 La Serena, CO05 La Serena, CO05 La Serena.

AKUM Antalya-Kumluca	3.01 73	P	Pn	07 23 46.7 +1.3	MLR	Muntele Rosu	10.00 357	Pn	Pn	07 25 25.1 +3.6	MEM	comp=Z,12nm,0.9s	21.30 322	dP	P	07 27 43.8 -0.5
AKUM SULTU Buldan	3.01 32	S	Sb	07 24 26.2 -1.9	VAE	Valguenera	10.15 285	Pn	Pn	07 25 24.1 +0.7	MEM	comp=Z,1.5nm,1.0s	21.30 322	dP	P	07 27 49.5 -0.4
EAGZ Marmaro, Chios	3.09 350	P	Sn	07 24 22.7 +1.1	RAE	3.2nm,0.3s,baz=61,slow=20,SNR=0.9	10.16 283	Sb	Sn	07 25 15.3 -1.9	MEM	comp=Z,7.0nm,0.8s	21.44 320	dP	pWP	07 27 45.4 -1.3
KARY Karystos	3.15 324	P	Pn	07 23 48.2 +0.9	SGRT	San Giovanni R	10.65 309	Pn	Pn	07 25 30.6 +0.2	BSTI	San Tilman	21.51 321	dP	P	07 27 47.2 +0.7
INCE Denizli-Bozkur	3.15 45	P	Sb	07 23 48.7 +1.2	SOC	San Sochi	12.83 47	eP	Pn	07 26 01.9 +1.8	BCLA	Clavier	21.55 320	dP	P	07 27 47.0 0.0
INCE Monemvasia	3.25 292	P	Sb	07 24 29.5 -2.9	SOC	comp=Z,36nm,11.0s		MLR	MLR	07 28 27.0	BGES	Gesve	21.64 320	dP	P	07 27 48.2 +0.3
KORT Korkueli	3.25 62	S	Pn	07 23 49.7 +1.0	MLR	comp=Z,2.0nm,0.3s,baz=112,slow=11,SNR=8.2	14.19 276	Pn	Pn	07 26 18.8 +0.1	DOU	Dourbes	21.74 319	dP	P	07 27 47.8 -1.2
IKORT MANT Manisa	3.31 25	P	Sb	07 23 51.4 +0.1	MLR	comp=Z,2.1nm,0.6s	14.23 275	Pn	Pn	07 26 17.6 -1.1	BMRD	Bared	21.77 320	dP	P	07 27 48.4 -0.9
VLI Velia	3.34 293	P	Pn	07 23 49.8 -0.1	KEST	Kesra	14.19 276	Pn	Pn	07 26 17.6 -1.1	TAM	Tamanrasset	21.41 241	P	P	07 28 00.1 +3.5
VLI Velia	3.34 293	P	Pn	07 23 50.0 +0.2	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.0nm,1.4s	22.46 35	P	P	07 27 55.9 -0.9
VLY Voula, Athens	3.36 315	P	Pn	07 23 50.0 +0.2	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
KULA Kula-Manisa	3.43 306	P	Pn	07 23 50.0 +0.2	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
MET1 Methana Town	3.44 49	P	Sg	07 24 49.8 +1.4	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
BRDR BURDUR-Merkez	3.44 49	P	Sg	07 24 49.8 +1.4	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
BRDR DION Dionisos Attik	3.44 319	P	Pn	07 23 51.7 +0.3	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
DION Dionisos Attik	3.44 319	P	Pn	07 23 51.7 +0.3	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
ATHU Athens Unvers	3.44 317	P	Pn	07 23 51.7 +0.3	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
ATHU Athens Unvers	3.44 317	P	Pn	07 23 51.7 +0.3	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
MET4 Agioi Theodor	3.45 309	P	Pn	07 23 52.5 +1.2	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
PTL Penteli	3.46 318	P	Pn	07 23 52.5 +1.2	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
PTL Penteli	3.46 318	P	Pn	07 23 52.5 +1.2	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
MET6 Megalochori,Me	3.46 308	P	Pn	07 23 52.5 +1.2	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
AKS Aktisar	3.47 36	P	Pn	07 23 52.5 +1.2	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
ATH Athens Observa	3.48 316	P	Pn	07 23 52.5 +1.2	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
ATH Athens Observa	3.48 316	P	Pn	07 23 52.5 +1.2	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
NOAC Athens-Thissio	3.48 316	P	Pn	07 23 52.5 +1.2	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
DKL Dikili	3.57 2	Pn	Pn	07 23 52.5 +1.2	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
PASA Karahalli, USA	3.58 37	P	Sg	07 24 49.8 +1.4	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
GORD Gordes-Manisa	3.58 18	Pn	Pn	07 23 54.5 +1.1	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
ISP Isparta	3.80 51	P	Pn	07 23 58.6 +2.2	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
ISP Isparta	3.80 51	P	Pn	07 23 58.6 +2.2	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
ISP Isparta	3.80 51	P	Pn	07 23 58.6 +2.2	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
KZIL Kizilirmak	4.07 51	P	Pn	07 24 02.5 +2.9	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
BAGO Agriya - ISPA	4.07 51	P	Pn	07 24 02.5 +2.9	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
KEPZ Entidira-Kepez	4.15 69	P	Pn	07 24 04.0 +2.9	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
KEPZ Balikesir	4.23 12	P	Pn	07 24 03.4 +1.3	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
BALB Balikesir	4.23 12	P	Pn	07 24 03.4 +1.3	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
ITM Ithomi	4.26 25	Pn	Pn	07 24 03.9 +1.3	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
ITM Ithomi	4.26 25	Pn	Pn	07 24 03.9 +1.3	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
EZN Ezine	4.33 355	Pn	Pn	07 24 04.9 +1.3	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
EZN Ezine	4.33 355	Pn	Pn	07 24 04.9 +1.3	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
BOZC Bozcaada	4.37 353	Pn	Pn	07 24 05.3 +1.7	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
SEDI Konya, Seydis	4.46 63	P	Pn	07 24 04.2 0.0	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
AGG Agios Georgios	4.49 316	P	Pn	07 24 07.3 +1.8	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
CSS Mathiatis	5.39 94	P	Pn	07 25 15.3 +2.6	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
CSS Mathiatis	5.39 94	P	Pn	07 25 15.3 +2.6	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
CSS Mathiatis	5.39 94	P	Pn	07 25 15.3 +2.6	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
ALN Alexandroupoli	5.42 354	P	Pn	07 24 18.4 -0.1	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
ALN Alexandroupoli	5.42 354	P	Pn	07 24 18.4 -0.1	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
LIT Litohoron	5.71 325	Pn	Pn	07 24 23.3 +0.8	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
LIT Litohoron	5.71 325	Pn	Pn	07 24 23.3 +0.8	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
RDO Rodhopi	5.72 351	Pn	Pn	07 24 23.3 +0.8	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
MDJB Moudurnu	6.07 34	P	Pn	07 24 29.4 +1.8	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
WAY Valandovo	6.87 50	Pn	Pn	07 24 41.0 +2.4	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
BR105 Keskin Array S	6.88 50	Pn	Pn	07 24 40.6 +1.9	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
BR104 Keskin Array S	6.88 50	Pn	Pn	07 24 40.6 +1.9	KEST	Kesra	14.23 275	Pn	Pn	07 26 17.6 -1.1	TAM	comp=Z,6.2nm,0.6s,baz=207,slow=6.8,SNR=4.0	22.46 35	P	P	07 27 55.9 -0.9
BR106 Keskin Array S	6.88 50	Pn	Pn	07 24 40.6 +1.9	KEST											

30d 8h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like ULM, ULM, MJAR, TKL, MJAO, ANMO, NVAR.

NOU 30 07:27:40.1, 40.51S: 175.08E, h68km, MLv3.8/21, North Island, New Zealand
WEL 30 07:27:41.4, 0.2, 4.0, S: 3.3, 7.1, h33km, 5km, M3, 7/27, ML3, 7/27, MLv3, 7/27, Error ellipse: s-maj=4.7km

ISC 30 07:27:40.5, 1.40, 49S: 0.03, 175.02E: 0.03, h62km, 6km, n159, -0.96/170, North Island

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists numerous stations including FXBS, HOCs, OTKS, etc.

2020 MAY

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

IDC 30 07:42:50.4, 1.9, 4.0, S: 136.98E, h0km, mb3.7/2, mbtmp3.7/6, ML3.4/4, Error ellipse: s-maj=69.3km

DJA 30 07:42:55.6, 0.5, 4.4, S: 11.13, 13.7E, h24km, 11km, M3.9/6, MLv3.9/6

ISC 30 07:42:55.9, 1.0, 4.36S: 0.09, 137.0E: 0.1, h35km, n8, s=7.7, Irian Jaya 28 Pn

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like WAMI, BAKI, WRA, WRA, FITZ, ASAR, Vnda, ILAR.

IDC 30 08:21:31.6, 9.0, 2.05S: 127.43E, h0km, mb3.8/2, mbtmp3.6/4, ML3.3/2, Error ellipse: s-maj=153.3km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like SIJI, SIJI, WRA, ASAR, STKA.

IDC 30 08:22:57.6, 6.2, 18.69S: 174.30W, h0km, mb4.3/5, mbtmp4.3/5, Error ellipse: s-maj=260.4km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like CTA, WRA, ASAR, FITZ, ILAR.

AEIC 30 08:38:50.0, 2.1, 60.34N: 0.1, 140.22W: 0.02, h3km, 6km, Error ellipse: s-maj=2.0km s-min=1.5km az=191.0

ANF 30 08:38:49.7, 0.2, 60.32N: 140.17W, h0km, ML2.8/25, Error ellipse: s-maj=2.1km s-min=1.8km az=5.0

NEIC 30 08:38:50.4, 2.2, 60.35N: 0.1, 140.21W: 0.02, h4km, 8km, ML2.6/78, ML2.4(AEIC), Error ellipse: s-maj=1.9km

PGC 30 08:38:50.8, 0.0, 60.30N: 140.23W, h0km, ML2.5/16, ML2.4(AEIC), ML2.6(NEIC), 85km northeast of Yakutat, Ak Southeastern Alaska

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

1972

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

30d 9h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Cannon Point, Waipua Caves, Mount Morrison, etc.

NCEDC 30 09:07:32.5±1.38:045N:0.006:118:75W:0.01, h7km,3km,Error ellipse: s-maj=1.5km s-min=0.9km az=105.0

REN 30 09:07:32.3±1.6:38:054N:0.009:118:76W:0.01, h8km,8km,Error ellipse: s-maj=1.5km s-min=0.3km az=144.0

NEIC 30 09:07:32.7±1.5:38:042N:0.009:118:76W:0.01, h8km,3km,ML3.4:97,ML3.6:14(REN),ML3.5:64(NCEDC), Error ellipse: s-maj=1.6km s-min=1.2km az=117.0, California-Nevada border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Little Huntton, WLV, LHV, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Mina Array Sit, Five Bridges, Tungsten Hills, etc.

1974

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Cedar City, Danby, Needles, etc.

IDC 30 09:13:14.9±2.3:6:10S:129.97E:h0km,mb3.9/1, mbmt3.5/3,ML3.5/2,MS2.7/1,Error ellipse: s-maj=145.4km s-min=31.2km az=70.0,Banda Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Davac City, Warramunga Arr, etc.

KRNET 30 09:14:07.3±0.1:40:73N:77:63E,h35km,mb3.0 SOME 30 09:14:07.8±0.2:40:82N:77:65E,h5km

NNC 30 09:14:08.9±0.9:40:83N:77:64E,h0km,mb3.6,mpv3.2, Error ellipse: s-maj=6.5km s-min=4.0km az=173.0

ISC 30 09:14:06.3±2.0:40:77N:0:08:77:62E:0.04,h8km,11km, n33,±08:59/3,18C-BD,Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Taragy, Kyrgy, Naryn, Kajisay, etc.

Table with columns: BLB, Baldybastay, 3.39 11 Pg, Pg, 09 15 09.8 -1.5, 12nm, 0.3s, REN 30 09:22:57.4-0.8, 38'05N, 0101:118'76W, 0.02, h9km, 8km, Error ellipse: s-maj=2.0km s-min=1.3km az=123.0, NCEDC 30 09:22:57.5-0.7, 38'05N, 0101:118'76W, 0.02, h9km, 8km, Error ellipse: s-maj=1.9km s-min=1.4km az=120.0, NEIC 30 09:22:57.2-0.6, 38'044N, 01008:118'76W, 0.01, h4km, 4km, ML3, 4/102, ML3, 6/14(REN), Mw3, 6/4(NCEDC), Error ellipse: s-maj=1.5km s-min=1.1km az=119.0, California-Nevada border region

Table with columns: CMLM, Mount Lewis, 2.36 257, P, 09 23 38.7 -1.7, AVNL, Avenal, CA USA, 2.37 212, P, 09 23 38.6 +1.6, WORM, Onyx Ranch, 2.38 170, P, 09 23 40.7 -0.1, SDH, Striped Hills, 2.38 125, P, 09 23 37.6 +0.4, ISA, Isabella, Lake, 2.39 174, P, 09 23 40.7 -0.1, ISA, comp=N, 354nm, 0.7s, IAML, 09 24 13.2, MHC, Mount Hamilton, 2.39 254, P, 09 23 39.0 +1.7, MHC, comp=E, 323nm, 0.8s, 09 24 17.7, S11A, Rachee, 2.42 99, P, 09 23 38.5 +0.8, BDM, Black Diamond, 2.46 269, P, 09 23 41.0 -1.0, CTM, Castle Mountain, 2.46 211, P, 09 23 39.8 +1.6, PSM, Smith Mountain, 2.46 217, P, 09 23 39.8 +1.6, CALM, Calaveras Res., 2.48 257, P, 09 23 39.8 +1.3, OCH, Onychia, 2.49 302, P, 09 23 42.3 -0.3, SAO, San Andreas Ge, 2.49 240, P, 09 23 41.0 +1.6, HLP, Lions Peak, 2.49 247, P, 09 23 40.8 -1.8, GWY, Greenwater Val, 2.50 137, P, 09 23 38.6 -0.2, GWY, comp=N, 120nm, 0.6s, IAML, 09 23 53.1, GWY, comp=E, 119nm, 1.1s, IAML, 09 24 26.7, RUSS, Russell Ranch, 2.50 283, P, 09 23 41.2 -1.5, R1B, Troy Canyon, C, 2.52 82, P, 09 23 38.7 -0.5, FRP, Fremont Peak, 2.53 240, P, 09 23 39.8 +0.6, PHM, Pfeiffer Ranch, 2.53 212, P, 09 23 40.0 +0.9, PKD, Bear Valley Ra, 2.54 215, P, 09 23 40.2 +1.0, QSM, Amargosa, 2.54 128, P, 09 23 39.7 +0.5, GDN, Queen of Sheba, 2.57 143, P, 09 23 39.8 +0.1, QSM, comp=E, 139nm, 1.2s, IAML, 09 24 26.9, ORV, Oroville, 2.62 306, P, 09 23 41.2 +0.9, CVS, Carment Valley, 2.93 277, P, 09 23 45.8 +1.2, CVS, comp=E, 158nm, 0.7s, IAML, 09 24 30.2, CVS, comp=N, 131nm, 0.7s, IAML, 09 24 30.5, GSC, Goldstone, Bar, 3.15 150, P, 09 23 47.9 +0.1, GSC, comp=E, 63nm, 1.4s, IAML, 09 24 59.5, SHPR, Sheep Range, 3.25 117, P, 09 23 49.9 +0.7, O03E, Paynes Creek, 3.26 314, P, 09 23 51.0 +1.7, O03E, comp=E, 176nm, 0.7s, IAML, 09 24 52.7, O03E, comp=N, 89nm, 1.2s, IAML, 09 24 56.9, HOPS, Hopland Field, 3.51 287, P, 09 23 52.7 +0.1, HOPS, comp=E, 50nm, 2.6s, IAML, 09 24 35.6, HOPS, comp=N, 52nm, 2.1s, IAML, 09 25 44.9, ELK, Elko, 3.83 44, P, 09 23 57.4 +0.1, ELK, comp=N, 40nm, 0.6s, IAML, 09 25 02.8, CLUT, Cedar City, 4.30 95, P, 09 24 01.4 +0.4, LCMT, Little Creek M, 4.50 102, P, 09 24 06.5 +0.1, M02C, Callahan, 4.60 318, P, 09 24 07.2 -0.4, KNB, Kanab, 4.83 100, P, 09 24 11.1 +0.2, MTPU, Mount Pierson, 5.19 88, P, 09 24 17.2 +1.2, U15A, North Rim, 5.41 105, P, 09 24 20.6 +1.7, TIR 30 09:34:51.7, 40'62N, 20'92E, h22km, 9km, M12, 6/3, SKO 30 09:34:52.1, 40'60N, 20'51E, h4km, ML2, 4, ISO 30 09:34:51.7, 3.6, 40'62N, 09'20E, 0.3, h11km, 9km, n4, 05/43/8, Greece-Albania border region, Code, Station Name, Delta A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: KURBB, Kurchatov Arra, 61.27 328 P, P, 10 41 36.8 -0.9, 0.5nm, 0.6s, baz=124, slow=6.3, SNR=7.2, 0.5nm, 0.6s, NOU 30 10:56:52.8, 40'48S, 175'06E, h79km, MLV4, 9/26, North Island, New Zealand, NEIC 30 10:56:53.9, 40'46S, 175'01E, h66km, IDC 30 10:56:53.6, 40'24S, 174'09E, h58km, 4km, mb4, 1/10, mbmp4, 1/12, MS3.5/12, Error ellipse: s-maj=16.4km, s-min=9.0km az=130.0, WEL 30 10:56:54.5, 40'44S, 175'00E, ML4, 7, Mw4, 4, Moment Tensor Solution, Moment tensor: Scale 10^15 Nm, Mr: 1.50; Mw: 0.38; Ms: 2.01; M0: 1.82; Mw: 1.11; Mw: 3.32; Fault plane solution: M0: 34000x10^15 Np1: 29.00000; 0.85.00000; Principal axes: T 4.0624, P1g59.0000; Azm300.0000; N 0.4791, P1g1.0000; Azm208.0000; P 4.4415, P1g31.0000; Azm118.0000; Stations used: BFZ BKZ DSZ GVZ HIZ KHEZ KHZ KNZ MRZ MVZ NNZ OPRZ REVERSE FAULTING, WEL 30 10:56:54.6, 0.2, 40'52.2, 17'5E, h36km, 6km, M5, 0/21, ML5, 1/21, MLV5, 0/21, Error ellipse: s-maj=4.4km, s-min=2.6km az=101.5, NEIC 30 10:56:54.1, 1.2, 40'41S, 0'04E, 174'97E, 0'05, h57km, 2km, mb4, 4/20, Mw4, 4/37, Error ellipse: s-maj=7.1km, s-min=5.0km az=144.0, Moment Tensor Solution, Moment tensor: Scale 10^15 Nm; Mr: 1.54; Mw: 1.19; Mw: 0.35; Mw: 2.81; Mw: 1.00; Mw: 4.51; Fault plane solution: M0: 55000x10^15 Np1: 33.16000; 0.81.96000; 1.81.82000; NP2: 258.94000; 0.811.45000; 1.135.21000; Principal axes: T 5.6003, P1g52.0000; Azm294.0000; N -0.0238, P1g8.0000; Azm34.0000; P -5.5766, P1g36.0000; Azm130.0000; ISO 30 10:56:53.1, 0.5, 40'45S, 0'02E, 175'01E, 0'03, h56km, 9km, h56km; P-P, N283, 01947/301, mb4, 5/23, MS3, 4/11, 11C-7D, North Island, Code, Station Name, Delta A, AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

30d 11h

Table with columns for station name, frequency, power, and other technical details. Includes stations like BSWZ, KATZ, KAHZ, etc.

2020 MAY

Table listing various radio stations with columns for call letters, frequency, power, and other technical details. Includes stations like ASAR, COEM, PMG, etc.

1976

Table listing various radio stations with columns for call letters, frequency, power, and other technical details. Includes stations like NLC, NLYT, DALN, etc.

Additional text and notes at the bottom of the page, including station names and technical specifications.

1977

Table with columns: ASAJ BILL, Asahikawa, 14.10 238 P, Pn, 11 04 48.2 -0.5, 11 05 06.8 +0.1, 11 05 10.6. Includes rows for Bilbino, KLR, YAK, GAMB, ZEA, USRK, MNV, UNV, TNA, F14K, ANM, M13K, BNK, FALS, L14K, F15K, MJB9, MAJO, MJAR, M14K, M14K, N14K, O14K, K15K, C16K, H16K, G16K, M15K, RDOG, C17K, E17K, L16K, L16K, G17K, H17K, M16K, S14K, N16K, J17K, CHNA, E18K, L17K.

2020 MAY

Table with columns: K17K, F18K, O16K, C18K, P16K, P16K, H16K, CHGN, G18K, G18K, M17K, M17K, N17K, R16K, O17K, HILR, HIA, A19K, L18K, C19K, C19K, GCSA, Q16K, P17K, P17K, G19K, N18K, N18K, H19K, D19K, D19K, M18K, R17L, E19K, E19K, E19K, J19K, Q17K, O18K, P18K, L19K, F20K, D20K, D20K, Q18K, E20K, H20K, N19K, I20K, B20K, O19K, K20K, K20K, J20K, J20K, M20K, Q19K, G21K, C21K, KSRS, KSRS, A21K, P19K, SII, F21K, E21K, B21K, H21K, PPLA, CAST, OHAK, OHAK, SPCR, A22K, F22K, KDOK, SKT, B22K, B22K, H22K, G22K.

30d 11h

Table with columns: E22K, L22K, TRF, CUT, BRSE, M22K, G23K, D23K, H23K, C23K, C23K, I23K, RC01, E23K, E23K, O22K, NEA2, TOLK, MCK, PMR, SEW, SEW, GHO, WAT1, D24K, E24K, KNK, SML, H24K, C24K, COLA, COLA, F24K, G24K, G24K, POKR, WAT6, M23K, DHY, HDA, HDA, ILAR, ILAR, P3CM, GLI, G25K, D25K, F25K, K24K, K24K, M24K, E25K, PRP, PRP, J25K, PAX, C26K, Q23K, RIDG, RIDG, HARP, EYAK, EYAK, F26K, G26K, C27K, SCRK, SCRK, N25K, BMRM, BMRM, I26K, L26K, KAIM, VRDI, M26K, M26K, E27K, G27K, MCARA, H27K, H27K.

30d 11h

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Mode, Power, Date, Time, and other parameters. Includes stations like 127K, CRQE, D27M, L27K, etc.

2020 MAY

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Mode, Power, Date, Time, and other parameters. Includes stations like R33M, S34M, WRAK, CRAG, etc.

1978

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Mode, Power, Date, Time, and other parameters. Includes stations like MPU, ULM, BFC, P18A, etc.

1979

Table of earthquake records for 1979, including stations like TXAR, FVM, P46A, STHS, etc., with columns for magnitude, time, location, and source.

Summary of earthquake events for 1979, including specific event details like IDC 30 11:04:25.7, 14.0, 0.13N...

Table of earthquake records for 2020, including stations like GTOI, LUWI, APSI, etc., with columns for magnitude, time, location, and source.

2020 MAY

Main table of earthquake records for May 2020, listing stations, magnitudes, times, and locations.

Table of earthquake records for 2020, including stations like CHIV, MARVS, etc., with columns for magnitude, time, location, and source.

30d 11h

Summary table for the 30-day period, listing stations like QMBU, MOAC, etc., with columns for magnitude, time, location, and source.

Summary of earthquake events for the 30-day period, including specific event details like AFAD 30 11:21:10.0, 35.31N...

Table of earthquake records for the 30-day period, including stations like KARP, ZAKRO, etc., with columns for magnitude, time, location, and source.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KSL, TNSA, AKAS, CAMEL, DNZT, KNDR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZALV, SONM, SCHO, CMAR, KRSRS, YKA, ILAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KARP, NPS, ARG, IACM, etc.

30d 12h

Table with columns: CELP, Station Name, Time, Res, ISC, and various parameters. Includes stations like Cerrillos, San Ignacio, San Juan, etc.

2020 MAY

Table with columns: VNA3, SKT, VNA1, VNA2, EKA, SNAAG, DAG, B22K, TROLL, NOR, QSPA, GSPA, H11S2, H11S1, H11S3, ZALV, ZALV, KURBB, MKAR, JCJ, SONM, KSRS, KSRS, ASAR, ASAR, ASAR, HHC, WRA, NJ2, LZH, LZM, etc. Includes station names and parameters.

1984

Table with columns: Code, Station Name, Time, Res, ISC, and various parameters. Includes stations like Panimavida, Hualane, Sierra Bellavi, etc.

ISC 30 12:49:03.8, 0.9, 4.80S; 145:79E, h0km, mb3.7/9, mbmp3.8/15, ML3.2/25, MS3.3/5, Error ellipse: s-maj=24.9km s-min=15.3km az=73.0

ISC 30 12:49:07.5, 0.7, 4.80S; 0.008, 145:8E, 0.1, h27km, n22, 0.099/16, mb3.8/9, Near north coast of New Guinea

SJA 30 12:55:39.6, 0.7, 35.158S; 71:70W, h33km, ML3.8, MW3.9, NEIC 30 12:55:45.6, 0.8, 35.151S; 0:03:71:39W, 0.06, h9km, 5km, mb4.3/9, ML4.0(GUC), Error ellipse: s-maj=7.4km s-min=4.5km az=85.0

GUC 30 12:55:45.6, 0.6, 35.152S; 71:26W, h95km, 2km, ML4.0

30d 13h

Table with columns: Station ID, Name, Coordinates, Magnitude, and other details. Includes stations like I28M, I28M, I26K, etc.

2020 MAY

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other details. Includes stations like D25K, E22K, IDC 30, etc.

1986

Table with columns: Station ID, Name, Coordinates, Magnitude, and other details. Includes stations like EOS3, YULB, NNTT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PHUB, WDJT, IRIF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAKZ, ZALV, ZALV, KSHZ, etc.

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

MAN 13:06:22.0, 3.66N, 126.53E, h71km, MS5.6
BUJ 13:06:23.4, 3.98N, 126.38E, h44km, mB5.6/65, mb5.6/66,
Ms5.3/97, Ms7.5/395
MOS 13:06:23.7, 0.9, 4.08N, 126.44E, h41km, mb6.0/89,
Ms5.1/63, Error ellipse: s-maj=7.3km s-min=3.7km
z=116.7
NEIC 13:06:23.9, 4.07N, 126.52E, h28km
ISC-PP 13:06:24, 4.07N, 126.52E, h28km, Mwppms5.9, Moment
Tensor Solution. s47 Moment tensor: Scale 10^17Nm;
Mn:0.2;12; M0:0.33;18; M0:0.05;16; M0:0.30;23;
M0:0.09;14; M0:0.56;18; Fault plane solution:
Ms9.12000x10^17 NP1:168.00000°, 873.50000°,
1.34, 9.00000°. NP2:168.00000°, 856.70000°, 1.60, 10.00000°.
NEIC 13:06:24.0, 1.7, 4.07N, 126.52E, h28km, Mw5.6, Fault plane
solution: NP1:168.00000°, 832.00000°, 1.55, 0.00000°.
NP2:168.00000°, 864.00000°, 1.10, 0.00000°.
IDC 13:06:26.5, 0.9, 4.03N, 126.47E, h52km, km, mb5.4/41,
mbtm5.6/45, MS4.8/69, Error ellipse: s-maj=12.9km
s-min=6.2km az=73.0
GCMT 13:06:26.9, 0.1, 4.05N, 126.66E, 0.01, h41km,
MW5.6/145, Moment Tensor Solution. s145, c292;
s139, c283; Duration: 1s6 Moment tensor: Scale 10^17
Nm; Mn:2.84;0.4; M0:0.01;0.3; M0:2.84;0.3;
M0:7.3;0.3; M0:1.02;0.2; M0:1.61;0.4; Best double
couple: Ms3.48600x10^17 NP1:194.00000°, 830.00000°,

Table with columns for station name, frequency, power, and other technical details. Includes stations like Kuroka, LuoYang, Taifan, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Ballidu, Hamhung, Honiara, Taipei, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TEZP, AGT, BTO2, etc.

30d 13h

Table with columns: Country, Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like JMUI Jamui, KOUNC Kouram, CAN Canberra, etc.

2020 MAY

Table with columns: Country, Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like KOD Kodaikanal, CIT Chita, ZEA Zeya, etc.

1990

Table with columns: Country, Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like MK31 comp=Z,78nm,1.0s, MK31 Makanchi Array, etc.

2020 MAY

1991

Table with columns for station call letters, station name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=1.1, etc.).

Table with columns for station call letters, station name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=1.1, etc.).

30d 13h

Table with columns for station call letters, station name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=1.1, etc.).

30d 13h

Table with columns for station ID, name, elevation, and various flow/level data. Includes stations like H17K Granite Mounta, J17K VABM Dome, L17K Donlin, etc.

2020 MAY

Table with columns for station ID, name, elevation, and various flow/level data. Includes stations like D20K Etivluk River, F20K Avaraak Lake, B20K Meade River, etc.

1992

Table with columns for station ID, name, elevation, and various flow/level data. Includes stations like SLKM Skiak Lake, MLY Manley, MLY Manley, etc.

30d 13h

Table with columns for location (e.g., Kiev, Minsk, Munk), time (e.g., 91.53 321), and status (e.g., IAMS_20, IAMS_20, 14 02 50.1). Includes sub-sections like A36M, P33M, R33M, etc.

2020 MAY

Table with columns for location (e.g., Muntele Rosu, Munk, MNR), time (e.g., 94.53 316), and status (e.g., IAMS_20, IAMS_20, 14 07 59.2). Includes sub-sections like MARR, MARR, MARR, etc.

1994

Table with columns for location (e.g., Matop, Dombas, Maruska), time (e.g., 98.90 250), and status (e.g., LR, LR, 14 02 30.9). Includes sub-sections like MARR, MARR, MARR, etc.

30d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like 554A Dingess, Beckl, 549A Blount Mountain, 555A Marlinton, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TWD Chiawan, NACB Nanganchiao, XTLH Xiulin Townshi, etc.

1996

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, FINES FINESSE Array B, SONMG Songoing Array, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like WRRM Warramunga Arr, KSRS Korea Array, ASAR Alice Springs, LZH Lanzhou, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like YKA Yellowknife Ar, GERES Crozet Array B, TORO Torodi Ar, PLCA Paso Flores, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like PMG Port Moresby, CTA Charters Tower, DZM Mont Dzumac, WRA Warramunga Arr, etc.

30d 15h

2020 MAY

1998

Table with columns for station name, code, station name, and time/res. Includes stations like JAN Peshkopia, NANA Naoussa, IGTE Igoumenitsa, etc.

Table with columns for station name, code, station name, and time/res. Includes stations like PLD Malo Peshkene, MPEP Bor-Borsko je, TRUD Trudelj, etc.

Table with columns for station name, code, station name, and time/res. Includes stations like SKO 30 15:44:14.6, TIR 30 15:44:15.1, ATH 30 15:44:15.7, etc.

1999

Table with columns: VAY, comp, E, S, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like HORT, LKD2, IDC 30, NEIC 30, DMN 30, PKIN, PKI, GUN, DAN, KKN, WRA, WAB, WR8, ASAR, ASAR, C19K, C19K, F17K, B21K, C23K, F21K, G21K, C27K, TORD, E27K, E27K, E28M, E29M, ILAR, G29M, H29M, H29M, SCM, SCM, I30M, I30M, N31M.

Main table for 1999 data, continuing from the previous block with station names and associated data.

2020 MAY

Table for 2020 MAY data, columns: comp, E, S, Az, Op, Phase, ID, Time, Res, ISC. Includes stations like ARCES, WBO, WRA, WRA, WAB, WR8, ASAR, ASAR, C19K, C19K, F17K, B21K, C23K, F21K, G21K, C27K, TORD, E27K, E27K, E28M, E29M, ILAR, G29M, H29M, H29M, SCM, SCM, I30M, I30M, N31M.

IDC 30 15:55:01.7±0.8, 38°11'N:117°84'W, h0km, mb2.7/1, mbtmp3.0/4, ML3.4/3, Error ellipse: s-maj=7.6km s-min=5.1km az=29.0

Main table for 2020 MAY data, continuing from the previous block with station names and associated data.

30d 15h

Main table for 30d 15h data, columns: MPMC, Manual, Prospec, 2.10, 172, Pn, 15:55:39.1±0.7, 15:56:14.9, 15:55:43.9±0.1, 15:56:40.1±0.8, 15:56:16.5, 15:56:19.4, 15:55:41.6±1.3, 15:55:43.4±0.9, 15:55:47.1±0.5, 15:56:23.0, 15:56:26.2, 15:55:47.1±0.2, 15:56:23.7, 15:55:45.2±0.2, 15:55:46.1±0.2, 15:55:45.8±0.0, 15:56:32.9, 15:56:41.1, 15:55:47.2±0.8, 15:55:54.5±0.2, 15:56:01.4±0.1, 15:56:35.1±0.9, 15:56:45.2, 15:55:54.7±0.0, 15:56:49.9, 15:55:59.5±0.6, 15:56:59.1, 15:57:00.7, 15:56:01.8±0.7, 15:57:13.0, 15:56:06.9±0.5, 15:57:18.9, 15:57:21.1, 15:56:12.6±1.0, 15:56:22.7±2.0, 15:57:06.4±1.7, 15:57:29.9, 15:57:48.3, 15:57:52.9, 15:57:50.9, 15:57:58.1, 15:56:21.3±0.6, 15:57:48.1, 15:57:54.1, 15:56:59.5±2.5, 15:59:08.6, 15:57:59.2±3.6, 16:00:08.4, 16:00:24.1±0.2, 15:57:12.1±0.5, 15:58:08.3±3.2, 15:59:15.6±0.3, 16:00:10.2±0.4, 16:02:57.9±0.7, 16:03:17.9±0.4, 16:03:27.8±1.2, 16:03:57.2±1.0, 16:04:52.4±0.1, 16:04:56.3±0.2, 16:05:16.2±0.2, 16:05:49.0±0.5, 16:05:51.6±0.7, 16:07:17.9±1.0, 16:07:30.1±1.1, 16:07:46.4±1.3, 16:07:51.2±0.3, 16:08:14.3±1.1, 16:08:17.8±1.1, 16:09:05.1±0.0, 16:08:07.7±0.7, 15:55:37.0±0.2, 15:55:36.7±0.9, 15:55:37.0±0.2, 15:55:37.6±0.4, 15:55:37.2±1.0

IDC 30 15:57:02.7±2.2, 33°05'S:179°01'W, h0km, mb3.5/2, mbtmp3.6/3, ML3.5/3, Error ellipse: s-maj=61.9km s-min=39.3km az=134.0

30d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GLKZ Green Lake, MXZ Matakaoa Point, WMGZ Waiomatatini S, HAZ Te Kaha, PUKETI Puketiti, etc.

DC 30 15:58:35.0, 35.2, 1.35, 46N, 26.81E, h0km, mb3.9/18, mbtmp3.9/26, ML3.6/9, MS3.4/31, Error ellipse: s-maj=16.7km s-min=9.1km az=176.0

AFAD 30 15:58:41.0, 35.87N, 26.71E, h32km, MW4.1, ISC 30 15:58:36.0, 35.52N, 26.81E, 0.02, h20km, 2km, m362, 1955/458, mb4.0/38, MS3.5/23, 4C-11D, Crete

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

2020 MAY

Main table with columns: YER, Yerkesik, 2.00 36 P Pn, 15 59 10.0 +0.4, etc. Includes stations like MULU Mugla, VAM Varnos, YAM Varnos, etc.

2020

Table with columns: OFRI Ofer, 7.37 111 P Pn, 16 00 23.2 +0.2, etc. Includes stations like OFRI Ofer, DQRL Deir Qamar, MMOC Mount Meron ar, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like LESA, TREC, CKRC, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HFS, MDT, KLMR, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ANMO, KARP, etc.

30d 17h

0.6nm, 0.5s, baz=267, slow=7.9, SNR=2.6
0.6nm, 0.5s

JMA 30 16:43:20.5 ± 1.2, 45°N ± 6.15°E, h30km, MV3.8/1.0,
KURILE ISLANDS REGION

SKHL 30 16:43:22.9 ± 0.0, 45.10N ± 5.02E, h48km ± 7km, mb4.3/3,
Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like REI Reidoove, KUR Kuril'sk, YUK Yuzh-Kuril'sk, NEM Nemuro 2, etc.

IDC 30 16:48:36.3 ± 4.5, 18.16S ± 178.52W, h533km ± 30km,
mb3.0/3, mbtmp3.8/4, Error ellipse: s-maj=250.1km
s-min=24.5km az=158.0, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like MSVF Nonsavu, WRA Warrunguna Arr, ASAR Alice Springs, TXAR Lajitas Array, etc.

NIED 30 16:53:28.5 ± 36.74N, 142°24E, h44km, MW3.8, Moment
Tensor Solution. s3 Moment tensor: Scale 10¹⁴Nm;
M1:1.36; M2:-0.04; M3:-1.32; M4:1.25; M5:-1.76; M6:4.54;
Fault plane solution: Mo5.16000x10¹⁴ NP1:
p2=249.00000°, s1=17.00000°, t1=143.00000°. NP2:
p2=15.00000°, s2=80.00000°, t2=77.00000°

JMA 30 16:53:28.5 ± 0.4, 36.74N ± 0.8 ± 1.2E, h44km, MV3.7/3.7, E
OFF FUKUSHIMA PREF

IDC 30 16:53:42.2 ± 3.4, 36.68N ± 141.26E, h98km ± 28km, mb3.2/7,
mbtmp3.6/8, MS3.1/3, Error ellipse: s-maj=30.6km
s-min=20.4km az=76.0

IDC 30 16:53:28.3 ± 2.3, 36.76N ± 0.05 ± 142.08E, h11km ± 12km,
n34, e153/32, mb3.6/7, Off east coast of Honshu

Large table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res. Includes stations like ONAJ Iwakimizuishiy, JFH Kawachi, JFFD Fukushimafurud, etc.

CATAC 30 17:13:36.2 ± 0.6, 31°N ± 3°9'0W ± 1, h10km ± 3km, M3.2/1.6,
MLV3.2/1.6, Error ellipse: s-maj=7.3km s-min=6.7km
az=152.4, confirmed

2020 MAY

GCG 30 17:13:38.3 ± 1.7, 13°44N ± 90.37W, h14km ± 19km, MD4.0,
MW3.3, Presumed earthquake

SNET 30 17:13:39.2 ± 1.6, 13°33N ± 90.26W, h23km, ML3.2,
Presumed earthquake

ISC 30 17:13:39.4 ± 2.0, 13.33N ± 0.09 ± 90.18W ± 0.05, h15km ± 10km,
n33, e095/45, Near coast of Guatemala

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like FUME Alcadia de Sa, NABE Las Nubes, NEBE Las Nubes, etc.

IDC 30 17:22:12.3 ± 0.7, 53°03N ± 171.61E, h0km, mb3.6/12,
mbtmp3.7/13, ML2.8/1, MS2.5/1, Error ellipse:
s-maj=25.1km s-min=12.9km az=166.0

NEIC 30 17:22:13.4 ± 2.5, 53.0N ± 0.1 ± 171.58E ± 0.07, h8km ± 3km,
mb3.9/50, ML3.8/6, Error ellipse: s-maj=15.0km
s-min=5.8km az=174.0

KRSC 30 17:22:13.9 ± 0.7, 53°13N ± 171.51E, h36km ± 39km, M4.5
MOS 30 17:22:13.1 ± 1.4, 53°00N ± 171.62E, h19km ± 4.1/5, Error
ellipse: s-maj=17.4km s-min=8.5km az=4.7

ISC 30 17:22:16.3 ± 0.6, 53.01N ± 0.10 ± 171.52E ± 0.04, h27km, n111,
e140/112, mb3.8/23, Near Islands

Large table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SHEM Shemya Is, Al, SMY Shemya, AMKA Amchitka, etc.

2002

Large table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like CHGN Chignik, L16K Owhat, J16K Anvik River, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HAG, PS4A, PNTA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DHY, BERG, HARP, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like n115, Camden Bay, Jago River, etc.

30d 18h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for G31M, I23K, MDM, COLA, ILAR, etc.

2020 MAY

Table with columns: UREC, San Jos de Ur, 2.58 290, P, Pn, 18 07 56.4 -0.7. Includes entries for UREC, GUY2, VILC, etc.

2004

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for JCH, Churui, JCH, Onbets, etc.

CATAC 30 18:07:14.3-0.8, 7.7N, 4.7W, h156km, 6km, MA 0/8, MLD4 0/8, Error ellipse: s-maj=12.6km s-min=7.6km az=92.9, confirmed

BGR 30 18:13:43.8, 43.35N, 144.56E, h333km, mb5.9, mB_BB6 1, Ms5.0

h94km; p-P, 1956, c1954/1981, mb5.7721, 135C-79D, Hokkaido region

2005

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like JOT, JARK, JYG, JSK, etc.

2020 MAY

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like JAW, JYAR, JFK, JOTO, etc.

30d 18h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MDJ, MUD, JKL, etc.

30d 18h

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like H22K Ishatitna Cre, H22K Ishatitna Cre, SKT Skwentna, etc.

2020 MAY

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like COLA College, COLA College, COLA College, etc.

2008

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like SUJI Ransiki, SUJI Ransiki, SUJI Ransiki, etc.

2009

2020 MAY

30d 18h

Table with columns for station ID, name, coordinates, elevation, and various performance metrics (e.g., SNR, SNR+25, SNR+30, etc.). Rows include stations like UZB Uzynbulak, K29M Barlow Dome, K29M Barlow Dome, K29M Barlow Dome, YUK4 Talbot Arm, etc.

30d 18h

Table with columns for station ID, name, frequency, and other details. Includes stations like Rachel, Al Faqa, Blasio, etc.

2020 MAY

Table with columns for station ID, name, frequency, and other details. Includes stations like BIR, BIRD, KBD, etc.

2012

Table with columns for station ID, name, frequency, and other details. Includes stations like STEB, CJR, KECS, etc.

2015

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes entries like KK31 Karatay Array, AAK Ala-Archa, AAK Ala-Archa, AAK, KBK Karagaybulak, CHMS Chumysh, TKM2 Tokmak 2, AB31 Akbulak array, AKTO Aktyubinsk.

MOS 30 18:21:54.7, 1.4, 35.52N, 67.72E, h12km, mb4.9/18, Error ellipse: s-maj=6.7km s-min=5.0km az=62.8
IDC 30 18:21:55.3, 0.6, 35.46N, 26.80E, h0km, mb4.2/19, mtbmp4.2/26, ML3.9/6, MS3.6/9, Error ellipse: s-maj=17.4km s-min=9.0km az=169.0
NEIC 30 18:21:56.5, 1.8, 35.54N, 0.05, 26.72E, 0.03, h15km, 4km, mb4.6/49, Mw1.6/16, Error ellipse: s-maj=7.5km s-min=3.1km az=178.0, Moment Tensor Solution. Moment tensor: Scale 1015Nm; Mr=4.35; Mw=3.46; Mw7.81; Mw4.70; Mw1.45; Mw1.82; Fault plane solution: Mb8.57000x1015 NP1.344.00000, 867.75000, -4.46.58000. NP2.333.24000, 647.76000, -1.49.24000. Principal axes: T 8.5019, P1g12.0000, Azm282.0000; N 0.1323, P1g4.0000, Azm22.0000; P -8.6342, P1g48.0000, Azm178.0000.
ATH 30 18:21:57.4, 35.59N, 26.75E, h12km, Mw4.5, Moment Tensor Solution. Moment tensor: Mr=4.87; Mw=3.77; Mw0.77; Mw5.64; Mw2.24; Mw0.52; Mw1.2; Fault plane solution: NP1.344.00000, 637.00000, -1.24.00000. NP2.345.00000, 860.00000, -1.67.00000.
THE 30 18:21:57.8, 36.1N, 2.7E, h9km, 4km, M4.4/11, MLh4.4/11
ISK 30 18:21:57.3, 35.55N, 26.75E, h13km, ML4.5/13
NEIC 30 18:21:57.5, 35.57N, 26.77E, h19km
GII 30 18:21:57.9, 0.0, 35.408N, 0.002, 26.815E, 0.001, h0km, Mw5.4, 7, confimmed
MCSM 30 18:21:59.5, 1.4, 35.1N, 6.2E, h10km, 7km, mb4.6, mB4.9, MLv4.5, Mw(mB)4.2
AFAD 30 18:22:00.1, 35.59N, 26.70E, h25km, 1km, Mw4.5
ISC 30 18:21:57.5, 0.8, 35.50N, 0.02, 26.78E, 0.02, h23km, 6km, m397, 34/484, mb4.5, MS3.6, 3C, Crete

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Lists stations from KARP Karpathos to VAM Vamos.

2020 MAY

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Lists stations from VAM Vamos to TETR Tetrakomo, Epi.

30d 18h

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Lists stations from PRMD Pramanda to VYHS Vyhne.

Table with columns: RTV, DVP, MARNC, etc. and rows listing various locations and their associated data points.

Table with columns: AS31, ASAR, ASAR, etc. and rows listing various locations and their associated data points.

Table with columns: BFSC, R17L, OHAK, etc. and rows listing various locations and their associated data points.

30d 18h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like I07A Ize, MA2 Magadan, P23K Montague Islan, etc.

2020 MAY

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like BARN Barnard Glacie, J20K Nowinta River, J20K Nowita River, etc.

2018

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like ALPN Alpine, SCRK Sand Creek, IL31 Novita River, etc.

2019

Table of astronomical observations for 2019, listing station codes (e.g., F24K, RLMT), object names (e.g., Squaw Lake, Red Lodge), coordinates, and observation details.

2020 MAY

Table of astronomical observations for 2020 MAY, listing station codes (e.g., ULN, SOMN), object names (e.g., Sogingo Array, Yellowknife Ar), coordinates, and observation details.

30d 19h

Table of astronomical observations for 30d 19h, listing station codes (e.g., DRGR, VYHS), object names (e.g., Velha Javorina, Nyky Kostel), coordinates, and observation details.

NOU 30 18:55:34.7, 17:34S-167.75E, h0km, ML4.0/11, Vanuatu

Table listing station names and codes for the NOU 30 18:55:34.7, 17:34S-167.75E, h0km, ML4.0/11, Vanuatu stations, including Code, Station Name, Az, Phase ID, Time, and Res.

Additional information including coordinates (e.g., KRNET 30 19:20:29.0, 1.0, 43.360N; 70.11E, mb2.8), error ellipses, and suspected mining explosion details.

30d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KK08, KK04, KK01, etc.

IDC 30-19:35:42.7:528.0,30.80N-81.08W,h0km, Error ellipse: s-maj=243.6km s-min=138.5km az=37.0, Florida-Georgia border region

IDC 30-19:37:27.2:1.4,38.17N:117.80W,h0km,mbtmp2.8/2, ML3.8/2, Error ellipse: s-maj=18.5km s-min=7.0km az=20.0

IDC 30-19:37:28.4:0.9,38.15N:118.01W:0.01,h4km,3km, Error ellipse: s-maj=2.1km s-min=1.1km az=223.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like NV11, NV06, NVAR, etc.

2020 MAY

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

IDC 30-19:56:58.0:0.9,5.84S:75.33W,h133km,8km,mb3.5/6, mbtmp3.9/9, Error ellipse: s-maj=29.7km s-min=16.5km az=48.0

IDC 30-20:03:27.0:0.0,35.492N:0.002:26.728E:0.001,h0km, Mw3.7, confirmed

IDC 30-20:03:28.4:1.1,35.52N:26.79E,h0km,mb3.4/4, mbtmp3.4/10,ML2.8/6, Error ellipse: s-maj=26.3km s-min=14.6km az=169.0

THE 30-20:03:30.6:36.1N:3.27E:1, h10km,4km,ML3.3/7, MLh3.3/7

ATH 30-20:03:30.0,35.56N:26.76E,h10km,2km,ML3.3/22, Latitude uncertainty: 1 km; Longitude uncertainty: 0 km

ISK 30-20:03:30.1,35.55N:26.76E,h13km,ML2.8/10

AFAD 30-20:03:33.6,35.63N:27.04E,h7km,2km,ML2.8

ISC 30-20:03:30.3:0.9,35.53N:0.03:26.79E:0.02,h17km,6km, n115,ct19:36/172,mb3.3/3,Crete

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

2020

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like SAP3, RDI1, IDI, etc.

2021

Table with columns: ZFRI, PRNI, HRFI, EIL, EIL, VAE, AKAGS, GERES, ESDC, TORD, KURBB, MKAR, HEL 30-20:05:45.7,0.3,67.83N:20:09E, h0km, ML1.3, Suspected explosion, Sweden. Includes station codes, names, coordinates, and event details.

HEL 30-20:05:45.7,0.3,67.83N:20:09E, h0km, ML1.3, Suspected explosion, Sweden

HEL 30-20:06:30.0,0.2,67.66N:01:33:74E:0:03, h0km, M2.4(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022

HEL 30-20:06:31.4,0.2,67.67N-33:68E, h0km, ML1.8, Explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like APA, AFA0, LVZ, KVD, VRR, OLKF, etc.

SOME 30-20:20:34.7,40:25N:79:03E, h10km, NNC 30-20:20:38.1,2.3,40:37N:78:85E, h6km, mb3.9, mpv3.5, Error ellipse: s-maj=15.2km s-min=11.4km az=158.0

KRNET 30-20:41:7.0,1.4,40:40N:78:88E, mb3.4, IDC 30-20:44:3.4,1.4,40:39N:80:20E, h0km, mb2.6/1, mbtmp3.4/4, ML2.5/3, MS2.2/1, Error ellipse: s-maj=44.4km s-min=38.3km az=57.0

ISC 30-20:40:8.1,4.4,40:43N:01:07:79:02E:0:04, h10km, n59, e223/88, 18C-21D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TARG, PRZ, KDJ, NRYN, SATY, etc.

2020 MAY

Main table for 2020 MAY with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHLS, ULHL, PDGK, TNSN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KK31, BVAR, ZALV, SONM.

IDC 30-20:22:25.9,2.1,6:50N-93:32E, h0km, mb3.5/6, mbtmp3.4/7, MS2.6/1, Error ellipse: s-maj=84.4km s-min=22.4km az=59.0

ISC 30-20:20:30.8,1.8,6:6N:02:93:4E:0:3, h32km, n11, -0:6/27, mb3.4/6, Nicobar Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR, H08S, H08S2, etc.

NEIC 30-20:26:53.8,1.6,11:0N:01:140:1E:0:1, h10km, 1km, mb4.4/19, Error ellipse: s-maj=20.2km s-min=14.8km az=143.0

IDC 30-20:27:02.0,2.9,11:00N:140:30E, h84km, mb3.7/13, mbtmp4.0/15, MS2.8/7, Error ellipse: s-maj=23.3km s-min=14.0km az=106.0

ISC 30-20:26:57.5,0.6,11:05N:0:08:140:10E:0:08, h38km, n53, e1900/42, mb4.3/24, MS2.9/4, Western Caroline Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUMO, DAV, KRVT, etc.

30d 22h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ILAR, YKA, KBZ, ARCES, etc.

IDC 30 21:20:02.9.5.0.1279Sx173.50E, h0km, mb3.8/4, mbtmp3.7/4, MS3.5/6, Error ellipse: s-maj=264.3km

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

IDC 30 21:20:50.9.1.1.5.1.81N:126.85E, h0km, mb3.7/5, mbtmp3.7/6, ML3.5/1, Error ellipse: s-maj=113.7km

DJA 30 21:20:50.5km az=70.0, s-min=19.5km, 1.0, 2.1, 2.3, 12.6E, h37km, 20km, M3.5/8, MLV3.5/8

ISC 30 21:20:56.7.1.0.1.56N:0109.126.41E, 0.08, h47km, n9, 0.871/10, mb3.6/5, Northern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TNTI, MN, MNI, etc.

BER 30 21:37:28.0.3.5.80192N:2.75W, h10km, Mw3.5, ML1.9/DNK1, Confirmed Earthquake

DNK 30 21:37:30.7.3.0.80191N:2.24W, h36km, 23km, ML1.9, Presumed earthquake

FCIAR 30 21:37:30.0.80183N:1.45W, h10km, station OMEGA has station magnitude of 3.20

IDC 30 21:37:31.4.3.3.80167N:1.68W, h0km, mb3.3/4, mbtmp3.5/6, ML3.2/2, MS3.2/7, Error ellipse: s-maj=47.7km

KOLA 30 21:37:31.6.1.8123N:0.71E, h0km, ML2.5, Error ellipse: s-maj=108.3km s-min=29.8km az=40.0, Greenland sea, Arctic Ocean, Kripovich ridge, north

ISC 30 21:37:27.0.0.9.8023N:0.07, 2.84W, 0.05, h10km, n38, 0.828/17, mb3.3/3, MS3.1/6, North of Svalbard

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NOR, KBS, BRBB, etc.

2020 MAY

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OMEGA, NEEM, JNW, etc.

FUNVJ 30 21:48:21.6.8.64N:72.70W, h6km, MW2.6, Presumed earthquake, Venezuela

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SDV, RUSC, HELC, etc.

RSNC 30 21:48:58.7.0.7.7N:1.73W, h140km, 2km, M1.8, ML1.6, MLV1.7, Northern Colombia

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

NOU 30 21:53:55.3.40.49S:175.01E, h66km, MLV3.9/21, North Island, New Zealand

WEL 30 21:53:56.2.0.3.40.52E:17.5E, h27km, 3km, M3.8/26, ML3.8/25, MLV3.8/26, Error ellipse: s-maj=3.3km

ISC 30 21:53:56.2.1.2.40.46S:0.02, 174.96E, 0.03, h53km, 7km, n136, 0.181/10, Cook Strait

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FXBS, OHWZ, OGWZ, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRH2, TUUV, COVZ, etc.

IDC 30 22:04:16.6.4.1.3.11S:151.04E, h0km, mb3.5/3, mbtmp3.6/4, ML3.5/1, Error ellipse: s-maj=119.8km

CTA 30 22:04:16.6.4.1.3.11S:151.04E, h0km, mb3.5/3, mbtmp3.7km az=98.0, New Ireland region

WRA 30 22:04:16.6.4.1.3.11S:151.04E, h0km, mb3.5/3, mbtmp3.7km az=98.0, New Ireland region

ASAR 30 22:04:16.6.4.1.3.11S:151.04E, h0km, mb3.5/3, mbtmp3.7km az=98.0, New Ireland region

MKAR 30 22:04:16.6.4.1.3.11S:151.04E, h0km, mb3.5/3, mbtmp3.7km az=98.0, New Ireland region

NOU 30 22:23:43.3.17.08S:167.95E, h11km, mb3.7/9, Vanuatu Islands, Vanuatu Azlands

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

CATAC 30 22:32:19.7.0.6.14.1N:3.91W, h15km, 3km, M3.3/13, MLV3.3/13, Error ellipse: s-maj=7.8km s-min=2.6km

GCG 30 22:32:20.1.5.13.70N:91.00W, h36km, 486km, MD3.7, ML3.5, Presumed earthquake

SNET 30 22:32:26.1.2.9.13.65N:90.75W, h32km, ML3.1, Presumed earthquake

ISC 30 22:32:19.8.2.1.13.63N:0.08, 94W, 0.05, h8km, 12km, n31, 0.181/46, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like F88, YP, etc.

30d 23h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DAVA Damuels, HFS Hagfros, CMAR Chiang Mai Arr, etc.

JMA 30/23:58.0-0.1, 36.3N, 101.137E, 0.1, h3km, 1km, MV2.7/32, HIDA MOUNTAINS REGION, Eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JGN Niukaw, JNG Nsakai, JTT Ttatey, etc.

TAP 30/23:08:28.9, 24.30N, 122.89E, h34km, ML3.1, C JMA 30/23:08:28.5, 0.1, 24.24N, 122.9E, 0.6, h48km, 1km, MV2.9/10, NW OFF ISHIGAKIJIMA ISL

ISC 30/23:08:28.7, 1.2, 24.30N, 104.122E, 99.0E, 0.02, h43km, 7km, n101, e098/176, Taiwan region

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, EOA3 EOA3, etc.

2020 MAY

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YWDT Yulu, YULB Yu-li, YULB Yuli, etc.

NDI 30/23:12:22.0, 1.9, 13.4N, 127.58E, 0.1, h59km, 9km, mb4.4(NEIC), Presumed earthquake

ISC 30/23:12:22.9, 0.3, 12.52N, 93.21E, h61km, 32km, mb3.5/13, mbmp3.8/15, ML3.9, 9.9, Error ellipse: s-maj=26.2km

NEIC 30/23:12:23.5, 1.4, 12.6N, 0.1, 1.93, 2E, 0.1, h59km, 9km, mb4.4/18, Error ellipse: s-maj=16.0km s-min=14.4km az=51.0

BKK 30/23:12:27.0, 1.9, 13.4N, 127.58E, 0.1, h17km, 22km, M4.1/13, mb4.6/9, mb4.5/13, Mjma3.6/13, ML4.6/12, MLv4.2/10, Mw(mB)3.8/9

ISC 30/23:12:21.5, 0.6, 12.60N, 0.07, 93.18E, 0.05, h41km, n62, a172/67, mb4.1/22, Andaman Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DGPR DIGLIPUR, KHLT Kholoam Dam, RHNT Ranong, etc.

2024

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

IDC 30/23:27:10.0, 1.8, 23.90S, 112.83W, h0km, mb3.8/5, mbmp3.8/5, MS3.7/7, Error ellipse: s-maj=71.5km s-min=36.9km az=35.0

ISC 30/23:27:11.4, 2.1, 23.9S, 0.5, 112.8W, 0.4, h10km, n28, e088/11, mb3.6/5, MS3.7/7, Easter Island region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RPN Rapa Nui, H03N2 Juan Fernandez, H03N3 Juan Fernandez, etc.

IDC 30/23:32:08.4, 1.1, 22.96N, 143.89E, h0km, mb3.7/8, mbmp3.7/11, ML3.3/3, MS2.7/3, Error ellipse: s-maj=35.1km s-min=22.2km az=71.0

ISC 30/23:32:19.5, 0.1, 23.02N, 143.9E, 0.2, h34km, n17, e084/13, mb3.7/8, Volcano Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JCJ Chichijima, JCJ Chichijima, GUMO GUMO, etc.

2025

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like KSRS Korea Array, H11N1 WAKE ISLAND Hy 21.68 94 T, WRA Warramunga Arr 43.65 193 P, etc.

SJA 30 23:44:08.5,0.8,31.21S:68.90W,h111km,2km,ML4.2, MW4.2

IDC 30 23:44:09.3,0.5,31.21S:68.91W,h107km,3km,mb3.9/11, mbmp4.2/14, Error ellipse: s-maj=16.3km s-min=10.1km az=71.0

NEIC 30 23:44:09.4,1.9,31.23S:0.05:68.96W,0.06,h107km,4km, mb4.5/45, Error ellipse: s-maj=8.0km s-min=6.3km az=223.0

ISC 30 23:44:08.0,0.5,31.23S:0.03:68.90W,0.03,h109km,4km, n162,r193/219,mb4.5/34,2c, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ZON Zonda, RTLL Cerro Villucun, SJA San Juan, ACCO Cerro Coronel, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like LCO Las Campanas, MT02 Curacav, VA01 Torpederas, AANI Anililaco, etc.

30d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like WVT Waverly, ALPN Alpine, SS1A Beattyville, MNHN Monahans, etc.

IDC 30 23:48:39.0,2.6,33S:135.55E,h0km,mb3.3/2, mbmp3.4/5,ML3.3/3, Error ellipse: s-maj=65.1km s-min=27.2km az=74.0, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SIJI Sorong, WRA Warramunga Arr, FITZ Fitzroy Crossi, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like MDT, ECAB, EGRO, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like FINES, EKA, TORD, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like CELP, UUPR, H10N3, etc.

IDC 31 00:19:15.2, 1.0, 34.15N, 25.75E, h0km, mb3.7/1.0, mbmp3.6/2.1, ML3.1/9, Error ellipse: s-maj=19.8km...

IDC 31 00:21:10.5, 11.0, 18.48S, 178.06W, h516km, 46km, mb2.8/3, mbmp3.7/4, Error ellipse: s-maj=317.7km...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZKR, SZT, NPS, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMOZ, BANI, FUL, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GVD, VAM, KARP, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like INMG, MOS, NEIC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DBIC, DMBK, MACC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AYDN, META, DNZT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NBM0, NBPS, MDP, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like APAC, LPAZ, POPC, etc.

31d Oh

Table with columns for station name, frequency, and signal strength. Includes stations like PVAQ Vaqueiros, PBEJ Beja, PVAQ Vaqueiros, etc.

2020 MAY

Table with columns for station name, frequency, and signal strength. Includes stations like BLA Blacksburg, AC05 El Transito, U54A Nelsons Funny, etc.

2028

Table with columns for station name, frequency, and signal strength. Includes stations like PLCA Paso Flores, PLCA Paso Flores, PLCA Pangoipuil, etc.

Table listing various entities (e.g., PRU, BRU, RON) with associated numerical data and status indicators (e.g., eS, S, M). Includes sub-headers like 'PRU' and 'RONA'.

Table listing various entities (e.g., ANMO, ARCES, BURAR) with associated numerical data and status indicators (e.g., P, S, M). Includes sub-headers like 'ANMO' and 'ARCES'.

Table listing various entities (e.g., ARCES, YKA, KMB) with associated numerical data and status indicators (e.g., LR, P, M). Includes sub-headers like 'ARCES' and 'YKA'.

31d 0h

Table with columns: ID, Name, Value, P, M, S, D, A, B, C, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes rows like INK Inuvik, F31M Telegraph Cree, G31M Satah River, etc.

2020 MAY

Table with columns: ID, Name, Value, P, M, S, D, A, B, C, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes rows like C24K Franklin Bluff, G25K Bearman Lake, L26K Log Cabin Wild, etc.

2030

Table with columns: ID, Name, Value, P, M, S, D, A, B, C, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes rows like SKT Skwentna, J20K Nowinta River, CAPN Captain Cook N, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Includes stations like FALS, SPIA, UNV, MKAR, WHQ, WMQ, etc.

NNC 31 00:32:05.0-7.2,38.81N,73.76E, h0km, mb3.5, mpv3.6, 3C, Error ellipse: s-maj=52.8km s-min=48.1km az=150.0, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Includes stations like AAK, MRKS, IUG, IUG, KK31, BRLS, etc.

IDC 31 00:34:28.9-3.5,55.92N,114.13E, h0km, mb3.2/2, mbtmp3.3/4, ML3.5/2, Error ellipse: s-maj=46.5km s-min=24.7km az=43.0

BYKL 31 00:34:29.6-0.2,56.07N,113.96E, h5km,3km, ISC 31 00:34:29.2-0.7,56.01N,113.91E, h10km, n32, s=303/74, 3C-2D, East of Lake Baykal

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Includes stations like SVKR, SVKR, SVKR, UKT, UKT, UKT, NLYR, NLYR, NLYR, YOAB, YOAB, YOAB, KMO, KMO, KMO, BOD, BOD, BOD, YLYR, YLYR, YLYR, NIZB, NIZB, NIZB, CRS, CRS, CRS, SYVR, SYVR, SYVR, KHNR, KHNR, KHNR, TUP, TUP, TUP, TUP.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Includes stations like CIT, Chita, MXMB, OGRR, YKLR, UZR, TYRAN, Ulan-Yde, FFNB, HRMR, KPC, LSTR, IRK, IVK, HILR, ARS, MOY, ORL, SONM, MKAR, KURBB, ISK, AFAD, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, etc. Includes stations like KURBB, MKAR, OPO, IDC, BRDH, MKAR, WRA, ASAR, IDC, ISC, BRDH, ODAN, CMAR, RAMN, JIRN, GUN, PKI, PKI, PKIN, DMN, DMN, MKAR, SONM, KURBB, WRA, IDC, AFAD, etc.

31d 1h

2020 MAY

2022

Table with columns for station name, frequency, power, and other technical details. Includes a large block of text for NEIC 31 01:07:15.7-1.2, 38.05N-102.11879W, 0.02, h10km-2km, and a table for Code Station Name, Az, Az', Phase ID, Op, H, Time Res, and I/C.

2033

Table with columns for station name, frequency, power, and other technical details. Includes stations like MCCC, O03E, SHPR, etc.

2020 MAY

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARSA, ARTI, OBKA, etc.

31d 1h

Table with columns for station name, frequency, power, and other technical details. Includes stations like GMLD, AYBE, TAVA, etc.

31d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GNI, AKASA, KBA, MOA, ABTA, KRUC, BIOA, VRAC, LESA, CKRC, WTTA, WATA, GERES, SQTA, FETA, DPC, KHC, RETA, DAVOX, PVCC, CLL, OBN, ESDC, FINES, HFS, PBRC, MVO, PBAR, PMRV, NOA, NOA, PVAQ, EKA, TORO, KURBB, MKAR, SONM, USRK, KSRs, YKA, MJAR, QSPA, NEIC 31 01:14:00.9, 1.5, 17.8S; 0.1x178.53W; 0.09, h568km, 6km, mb4.1/21, Error ellipse: s-maj=21.3km s-min=6.0km az=147.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSVF, AF1, QUENC, DZM, QRZ, MLZ, ARMA, TOO, STKA, BBOO, WRR, WRA, AS31, ASAR, ASAR, FITZ, CASY, MJAR, QSPA, PETK, PETK, MPK, O18K, M17K, BELA, BELA, NEIC 31 01:14:01.4, 1.4, 17.74S; 178.69W; h567km, 15km, mb3.2/9, mbmp3.9/9, MS3.5/2, Error ellipse: s-maj=26.0km s-min=14.8km az=144.0.

2020 MAY

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CAST, GLB, TRF, ILAR, TXAR, TXAR, PDAR, BRUR, BRTR, BRTR, CLL, GERES, GERES, SQTA, FETA, DPC, KHC, RETA, DAVOX, PVCC, CLL, OBN, ESDC, FINES, HFS, PBRC, MVO, PBAR, PMRV, NOA, NOA, PVAQ, EKA, TORO, KURBB, MKAR, SONM, USRK, KSRs, YKA, MJAR, QSPA, NEIC 31 01:20:08.0, 0.7, 53.09N; 87.55E, h0km, M3.1(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZAAO, ZAAO, KURK, KURK, KURBB, KURBB, MK31, MK31, MAKZ, MAKZ, MAKZ, NEIC 31 01:42:42.4, 1.6, 16.85S; 0.09; 69.56W; 0.10, h199km, 6km, mb4.5/12, Error ellipse: s-maj=15.6km s-min=10.2km az=129.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB18, LPAZ, LPAZ, PB16, PB12, GO01, PSGC, PB11, PB08, TA01, PATCX, PB02, PB07, PB03, PB06, SIV, SIV, AC02, AC05, AC05, BDBF, BDBF, BDBF, PLCA, RCBR, CELP, CELP, ECPR, ECPR, CMIG, TXAR, SADO, SBM, PV04, F33A, F33A, DBIC, DBIC, ULM, ULM, ULM, YKA, WRA, SONM, NEIC 31 01:42:56.6, 16.43S; 169.51E, h212km, MLV4.5/11, Vanuatu Islands.

2034

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEIC 31 01:43:01.9, 2.3, 16.6S; 0.1x168.2E; 0.2, h204km, 7km, mb4.3/12, Error ellipse: s-maj=25.8km s-min=15.4km az=89.0, ISC 31 01:43:00.7, 0.7, 16.43S; 0.08; 168.2E; 0.1, h200km, n42, r110/43, mb4.3/11, 3C, Vanuatu Islands, DVP, DVP, RTV, RTV, MARNC, MARNC, YATNC, YATNC, DZM, DZM, DZM, NOUC, NOUC, QUENC, QUENC, ARMA, ARMA, LTZ, WRR, WRR, WRR, WBO, WRA, WRA, WRA, AS31, AS31, ASAR, ASAR, ASAR, FAKI, KNRA, KNRA, SUJI, FITZ, JASK, GSPA, GSPA, QSPA, QSPA, SONM, BELA, BELA, ILAR, ILAR, SNA, VNA3, VNA2, MKAR, MKAR, MKAR, HFS, FUORN, DAVOX, SGR7, ESDC, ESDC, IDC 31 01:43:33.1, 1.6, 34.11N; 25.62E, h0km, mb3.3/5, mbmp3.2/8, ML2.9/2, Error ellipse: s-maj=41.0km s-min=22.2km az=154.0, ISC 31 01:43:36.4, 1.3, 34.2N; 0.2; 25.5E; 0.2, h17km, n8, r147/8, mb3.2/4, Crete, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRTR, AKASA, GERES, ESDC, TORO, KURBB, MKAR, YKA, NOU 31 01:47:34.6, 17.27S; 167.51E, h23km, mb3.6/10, Vanuatu Islands, DVP, DVP, RTV, RTV, MARNC, YATNC, QUENC, MDD 31 01:52:08.7, 0.5, 36.28N; 1.81E, h16km, 7km, Mb4.4/5.5, M, mb3.8/5.5, Error ellipse: s-maj=8.1km s-min=2.3km az=147.0, CRAAG 31 01:52:09.4, 36.48N; 1.72E, M3.4, Algrie 08km SE Damos, IDC 31 01:52:09.3, 1.1, 36.47N; 1.50E, h0km, mb3.5/6, mbmp3.5/12, ML3.6/5, MS2.6/1, Error ellipse: s-maj=24.2km s-min=20.7km az=133.0, IGL 31 01:52:10.3, 36.28N; 1.81E, h16km, INMG 31 01:52:12.0, 2.1, 36.43N; 1.50E, h9km, ML2.8, Error ellipse: s-maj=7.2km s-min=5.8km az=114.0, HDIST, RANGE: REGIONAL #IFMA, REGION: N Argelia (ALG), ISC 31 01:52:10.4, 1.6, 36.46N; 0.03; 165E; 0.03, h17km, 7km, n106, e224/168, mb3.6/4, 27C, Northern Algeria, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EBHN, EBHN, EARB, EARB, ECHA, ECHA, ECHD, ECHD, EHRZ, EHRZ, ABKD, ABKD, EDRR, EDRR, ENAN, ENAN.

Table with columns: Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like BOUGARA, DOUERA, ALGER-BOUZAREA, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like VAQUEIROS, ESTREMOZ, BARRANCO-DO-VE, etc.

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

31d 2h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BDFB Brasilia, PMNB Patos De Minas, PRPB Parauapebas, etc.

ADC 31 02:20:08.9e.1.1.33:80N-135:70E, h0km, mb3.5/4, mbtmp3.5/8, ML3.1/4, MS3.4/2, Error ellipse: s-maj=20.7km s-min=15.5km az=135.0

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations across various regions.

ADC 31 02:29:56.2.4.2.35:91N-68:63E, h0km, mb3.4/2, mbtmp3.4/5, ML2.9/3, Error ellipse: s-maj=125.3km s-min=27.3km az=139.0

ISC 31 02:30:00.0.0.2.36:00N-02:68:6E, h0km, n7, r161/9, 2C-3D, Hindu Kush region

Continuation of station list table with columns: Code, Station Name, Az, Phase ID, Time, Res.

2020 MAY

NOU 31 02:35:49.5, 38:71S, 173:96E, h3km, MLV4.9/17, Off W. Coast of N. Island, N.Z. WEL 31 02:35:50.0, 4.39 S, 172:17E, h5km, M5.0/18, ML4.9/19, MLV5.0/18, Error ellipse: s-maj=5.4km s-min=2.5km az=105.1

WEL 31 02:35:50.4, 38:75S, 174:09E, ML4.9, MW4.4, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; M=0.80; M=0.347; M=0.31; M=0.54; M=0.49; M=0.84; Fault plane solution: Ms5.42000x1015 NP1.95.00000, 588.00000, 1.170.00000, NP2.100.00000, 380.00000, 1.2.00000 Principal axes: T=5.439 P=9.90000 Azm=324.0000 N=0.839 P=98.0000, Az=177.0000; P=4.6189, P1g5.0000, Azm55.0000; Stations used: BFZ BKZ GRZ HAZ HIZ KHEZ KNZ KMAZ MRZ MWZ NNZ OPRZ STRIKE-SLIP FAULTING

NEIC 31 02:35:51.2.1.8.38:76S, 0:03:174:08E, 0:04, h10km, 1km, mb4.1/7 Error ellipse: s-maj=6.4km s-min=5.2km az=135.0

ADC 31 02:35:56.2.1.6.38:95S, 173:90E, h42km, 16km, mb3.8/9, mbtmp4.0/11, ML3.8/3, MS3.5/20, Error ellipse: s-maj=15.9km s-min=10.6km az=141.0

ISC 31 02:35:50.8e.1.1.38:73S, 0:03:174:05E, 0:03, h8km, 7km, n260, r128/256, mb4.2/15, MS3.4/19, 2C, North Island

Main station list table for the 2020 MAY section with columns: Code, Station Name, Az, Phase ID, Time, Res.

2020 MAY 2026

Main station list table for the 2020 MAY 2026 section with columns: Code, Station Name, Az, Phase ID, Time, Res.

2037

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include Rapa Nui, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, etc.

IDC 31 02:44:10.7.1.8.5:72S.151.88E, h0km, mb3.5/4, m1mp3.6/5, ML2.1/1, Error ellipse: s-maj=81.7km s-min=23.1km az=126.0

ISC 31 02:44:16.0.1.9.5:85O.0.4:151.9E.0.4, h36km, n6, o0s317, mb3.5/4, New Britain region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include Port Moresby, PMG, WRA, etc.

MRB 31 03:00:46.2.0.2.42.91N.0.24E, h0km, 2km, ML2.7/46, Error ellipse: s-maj=0.9km s-min=0.5km az=20.0

STR 31 03:00:46.2.0.0.42.88N.0.07.0.22E.0.05, h2km, ML2.7/20, LOCSAT earthModelID pyrenees_taup-2.11 preliminary

MDD 31 03:00:47.4.0.2.42.90N.0.27E, h0km, mb_Lg2.9/59, Error ellipse: s-maj=1.7km s-min=1.0km az=12.0

LDG 31 03:00:47.4.0.1.42.96N.0.28E, h2km, ML3.1/2, MI3.1/37, Error ellipse: s-maj=1.7km s-min=1.3km az=141.0

INMG 31 03:00:48.4.1.5.42.90N.0.20E, h12km, 3km, ML2.4, Error ellipse: s-maj=2.5km s-min=2.4km az=121.0

#DIST_RANGE: REGIONAL #PMA_REGION: Pyrenees (ESP)

ISC 31 03:00:45.7.0.8.42.96N.0.01.0.27E.0.01, h12km, 4km, n168, o1s6933, Pyrenees

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include EPP, RESF, LABF, etc.

2020 MAY

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include CTRE, CEST, CRAS, etc.

31d 3h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Rows include ALCN, CFAR, CEST, etc.

31d 3h

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like MVO, ROSF, EADA, etc.

NOU 31 03:04:45.1, 19.77S; 175.24W, h614km, mb4.7/22, Tonga Islands
IDC 31 03:05:22.3e.1.2, 23.105S; 179.49W, h529km, 1.3km, mb3.6/14, mbtmp4.5/16, Error ellipse: s-maj=15.2km

NEIC 31 03:05:22.1.9, 23.09S; 0.09:179.4W:0.1, h527km, 4km, mb4.5/58, Error ellipse: s-maj=14.5km s-min=11.8km

ISC 31 03:05:21.6:0.3, 23.14S; 0.05:179.48W:0.05, h526km, n200, 1548/213, mb4.4/53, 2C-11D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like MSFV, RAO, RAO, etc.

2020 MAY

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like TSZ, BFZ, MRZ, etc.

2038

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like VNA3, VNA2, VNA2, etc.

BER 31 03:14:47.8:2.7, 80.90N; 2.49W, h10km, Mw3.1, 1.5N, 1.0N, Confirmed Catalogue
DNK 31 03:14:49.9:3.0, 80.93N; 1.98W, h36km, 23km, ML1.5, Presumed earthquake
KOLA 31 03:14:49.5, 81.32N; 0.69E, h0km, ML2.1, Error ellipse: s-maj=97.8km s-min=27.8km az=50.0, Arctic Ocean, Knipovich ridge, north
FCIAR 31 03:14:54.0, 80.53N; 0.38W, h10km, station OMEGA has station magnitude of 3.10
ISC 31 03:14:45.1:1.1, 80.83N; 0.07:2.57W:0.04, h10km, n23, e1995/35, North of Svalbard

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like NOR Nord, KBS Kingsbay, BRBA Spitsbergen Ar, etc.

NOU 31 03:36:02.7, 45:27S:166:42E, h136km, MLV3.7/7, Off W. Coast of S. Island, N.Z.

WEL 31 03:36:08.5, 0.7, 45:51S:166:7E, h12km, M3.3/9, ML3.2/12, MLV3.3/9, Error ellipse: s-maj=7.3km

ISC 31 03:36:10.0-1.4, 45:30S:0:03:167:23E:0:08, h23km, 7km, n38, r135/47, South Island

Table with columns: Code, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like DCZ Deep Cove, TAFS Te Anau Fires, WHZ Wether Hill, etc.

NOU 31 03:53:27.9, 22:10S:169:38E, h0km, MLV4.3/14, Southeast of Loyalty Islands

ISC 31 03:53:27.0, 0.8, 22:16S:169:39E, h0km, mb4.1/9, mbtmp4.0/11, MLS.9/1, MS3.1/5, Error ellipse: s-maj=21.1km s-min=19.8km az=149.0

NEIC 31 03:53:29.1, 1.5, 22:03S:0:03:167:38E:0:09, h10km, 1km, mb4.6/10, Error ellipse: s-maj=14.9km s-min=5.4km az=80.0

ISC 31 03:53:30.5-0.5, 22:11S:0:08:169:40E:0:06, h25km, n51, r076/51, mb4.3/17, MS3.1/4, 5D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like MARE, Loyalty, YATNC, etc.

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like DVP Devils Point, MSVF Nonsavu, RPZ Rata Peaks, etc.

NOU 31 03:57:41.5, 0.7, 10:02S:76:26W, h10km, mb4.5, Presumed earthquake

NEIC 31 03:57:46.3, 2.1, 10:17S:0:08:76:26W:0:10, h41km, 8km, mb4.5/37, Error ellipse: s-maj=14.6km s-min=10.1km

ISC 31 03:57:47.1, 2.3, 10:11S:76:22W, h47km, 22km, mb3.7/10, mbtmp4.0/15, MLL3.6/5, Error ellipse: s-maj=27.7km s-min=13.8km az=58.0

ISC 31 03:57:45.4, 0.5, 10:17S:0:06:76:20W:0:07, h35km, n77, r140/79, mb4.3/23, Central Peru

Table with columns: Code, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like ATAH, CZSB, SLOZ, etc.

NOU 31 03:57:45.4, 0.5, 10:17S:0:06:76:20W:0:07, h35km, n77, r140/79, mb4.3/23, Central Peru

ISC 31 03:57:45.4, 0.5, 10:17S:0:06:76:20W:0:07, h35km, n77, r140/79, mb4.3/23, Central Peru

ISC 31 03:57:45.4, 0.5, 10:17S:0:06:76:20W:0:07, h35km, n77, r140/79, mb4.3/23, Central Peru

ISC 31 03:57:45.4, 0.5, 10:17S:0:06:76:20W:0:07, h35km, n77, r140/79, mb4.3/23, Central Peru

Table with columns: Code, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like VILB, BBSO, MACA, etc.

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like Y49A Blount Mountain, W50A Signal Mountain, etc.

ISC 31 04:00:01.7, 0.8, 33:06N:95:64E, h0km, mb3.7/13, mbtmp3.8/17, MLL3.9/4, MS3.3/13, Error ellipse: s-maj=25.3km s-min=14.9km az=39.0

ISC 31 04:00:03.9, 0.9, 33:11N:0:1:95:7E:0:1, h13km, n25, r079/18, mb3.9/12, MS3.1/10, Qinala

Table with columns: Code, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like LZDM Lanzhou Array, SONMI Songino Array, etc.

31d 4h

Table with columns for station name, coordinates, time, and residual. Includes entries for WRA Warramunga Arr 64.41 139 P, ASAR Alice Springs 67.22 142 P, DLBC Dease Lake 81.14 22 LR, YKA Yellowknife Ar 81.67 17 P, TORI Torodi Ar. Bea 86.18 283 P.

KOLA 31 04:01:31.5, 69°28'N, 30°78'E, h0km, ML1.4, Zapolyarny City, Mines

Table with columns for Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes entries for RAJF Raja Joeseppeji 1.29 22Z, KEV Kevo 1.39 287, VRF Varrio 1.71 196, ARAO ARCESS Array S 1.88 277, ARAO ARCESS Array B 1.88 277, HEF Hetta 2.77 253.

IDC 31 04:06:08.8, 2.0, 33°87'N, 45°56'E, h0km, mb3.3/5, mbmp3.3/5, Error ellipse: s-maj=58.4km s-min=24.7km

TEH 31 04:06:10.7, 33°70'N, 45°70'E, h14km, 4.3km, ML3.4, Presumed earthquake

ISN 31 04:06:15.6, 2.3, 33°70'N, 45°70'E, h14km, ML3.3, Presumed earthquake

ISC 31 04:06:10.9, 0.7, 33°86'N, 0°07'45.73E, h0.04, h10km, n15, c=1540/17, mb3.3/3, Iran-Iraq border region

Table with columns for Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes entries for ILBA Ilam Banvizeh 0.46 120, IGHG Ghaleghazi 0.84 56, IDHR Dehras 1.00 33, KCHP Cheshme Sefid, Baghdad 1.17 69, BHD Baghdad 1.27 243, BRTR Keskin Array B 58.76 301 P, AKASO Malin Array Be 20.72 329 P.

IDC 31 04:06:11.6, 7.0, 18°62'S, 175°08'W, h0km, mb4.0/2, mbmp4.0/2, Error ellipse: s-maj=314.8km s-min=68.0km az=145.0, Tonga Islands

Table with columns for Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes entries for WRA Warramunga Arr 47.62 260 P, ASAR Alice Springs 47.65 255 P, BRTR Keskin Array B 147.50 316 PKPbc.

IDC 31 04:20:41.0, 0.9, 58°12'N, 32°30'W, h0km, mb3.4/11, mbmp3.4/12, ML3.5/1, MS3.3/20, Error ellipse: s-maj=32.0km s-min=15.5km az=15.0

ISC 31 04:20:43.7, 0.8, 58°11'N, 0°32'31'W, 0.09, h18km, n33, c=956/12, mb3.4/10, MS3.3/16, Reykjanes Ridge

Table with columns for Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes entries for BORG Borgarnes 8.46 34, SFJD Kangerlussuaq 12.21 324 LR, EKA Eskdalemuir Ar 16.18 87 Pn, FRB Frobisher Bay 18.29 303 LR, SCHO Schefferville 19.22 275 LR, NOA NORRAR Array B 21.92 64 P, HFS Hagfors 23.32 65 LR, ESDC Sonneca Array 25.92 123 P, ESKA ESKALEMUIR Ar 16.07 88 Pn, FRB Frobisher Bay 18.36 303 LR, SCHO Schefferville 19.32 275 LR, NOA NORRAR Array B 21.92 64 P, HFS Hagfors 23.22 66 LR, ESDC Sonneca Array 25.85 123 P, FINES FINES Array B 28.61 59 P, AKASO Malin Array Be 35.71 35 P, YKA Yellowknife Ar 38.45 312 P, BRTR Keskin Array B 45.06 84 P, ILAR Eielson Array 47.84 328 P.

2020 MAY

Table with columns for Station Name, Coordinates, Time, Residual. Includes entries for NEW Newport 48.50 297 LR, PDAR Pinedale Array 48.73 287 P, AKTO Aktyubinsk 49.48 57 LR, TORI Torodi Ar. Bea 51.68 136 P, DBIC Dibboko 55.56 146 LR, TXAR Lajitas Array 55.86 272 P, KURBB Kurchatov Arra 57.78 45 P, PFO Pinym Flats 0 59.20 285 LR, H10N2 ASCENSION HYDR67.30 161 T, H10N3 ASCENSION HYDR67.31 161 T, H10N1 ASCENSION HYDR67.32 161 T, H10S3 ASCENSION HYDR68.37 161 T, H10S2 ASCENSION HYDR68.38 161 T.

IDC 31 04:25:56.8, 0.7, 28°06'N, 104°71'E, h0km, mb3.8/13, mbmp3.8/15, ML3.8/2, Error ellipse: s-maj=28.3km s-min=14.8km az=58.0

ISC 31 04:26:02.1, 0.9, 28°10'N, 104°8E, 0.2, h35km, n15, c=6556/16, mb3.8/13, Sichuan

Table with columns for Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes entries for LZDM Lanzhou Array 7.86 354 Pn, SONMI Songino Array 19.71 3 P, KSRSS Korea Array 21.51 59 P, MKRAR Makanchi Array 25.66 323 P, ZALV Zalesovo Beam 29.66 336 P, KURBB Kurchatov Arra 30.00 326 P, KBZ Khabaz 51.34 305 P, WRA Warramunga Arr 55.68 146 P, ASAR Alice Springs 58.65 149 P, BRTR Keskin Array B 58.76 301 P, AKASO Malin Array Be 59.87 315 P, FINES FINES Array B 60.37 327 P, NOA NORRAR Array B 67.48 328 P, GERES GERESS Array B 70.06 315 P, YKA Yellowknife Ar 84.35 17 P.

IDC 31 04:44:04.6, 1.1, 30°23'N, 67°45'E, h0km, mb3.5/9, mbmp3.6/9, Error ellipse: s-maj=30.0km s-min=26.0km az=79.0

ISC 31 04:44:06.9, 1.2, 30°30'N, 0°26'57.5E, 0.2, h14km, n9, c=950/9, mb3.7/7, Pakistan

Table with columns for Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes entries for MKRAR Makanchi Array 20.12 31 P, KURBB Kurchatov Arra 21.98 19 P, BVAR Borovoye Array 22.86 5 P, KBZ Khabaz 23.69 311 P, ZALV Zalesovo Beam 26.81 23 P, TORI Torodi Ar. Bea 62.67 270 P, WRA Warramunga Arr 81.38 119 P, ASAR Alice Springs 83.27 122 P, YKA Yellowknife Ar 87.57 1 P.

IDC 31 04:58:18.2, 0.7, 58°16'N, 32°12'W, h0km, mb3.6/15, mbmp3.7/16, ML3.6/1, MS3.2/5, Error ellipse: s-maj=22.2km s-min=15.3km az=4.0

ISC 31 04:58:20.3, 0.7, 58°21'N, 0°32'11'W, 0.10, h14km, n25, c=951/16, mb3.7/14, Reykjanes Ridge

Table with columns for Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes entries for BORG Borgarnes 8.38 33 LR, EKA Eskdalemuir Ar 16.07 88 Pn, FRB Frobisher Bay 18.36 303 LR, SCHO Schefferville 19.32 275 LR, NOA NORRAR Array B 21.92 64 P, HFS Hagfors 23.22 66 LR, ESDC Sonneca Array 25.85 123 P, FINES FINES Array B 28.61 59 P, AKASO Malin Array Be 35.71 35 P, YKA Yellowknife Ar 38.45 312 P, BRTR Keskin Array B 44.95 84 P.

2040

Table with columns for Station Name, Coordinates, Time, Residual. Includes entries for ILAR Eielson Array 47.87 328 P, PDAR Pinedale Array 48.81 287 P, TORI Torodi Ar. Bea 51.63 136 P, BVAR Borovoye Array 52.67 48 P, TXAR Lajitas Array 55.86 272 P, KURBB Kurchatov Arra 57.69 45 P, MKRAR Makanchi Array 62.25 45 P, H10N2 ASCENSION HYDR67.30 161 T, H10N3 ASCENSION HYDR67.31 161 T, H10N1 ASCENSION HYDR67.32 161 T, H10S3 ASCENSION HYDR68.37 161 T, H10S2 ASCENSION HYDR68.38 161 T, SONMI Songino Array 68.96 29 P, SIV San Ignacio 77.64 208 P.

SJA 31 04:58:23.0, 0.7, 21°44'S, 68°72'W, h137km, 2.4km, ML4.1, MVA-0

IDC 31 04:58:27.0, 2.6, 21°29'S, 68°50'W, h120km, 2.3km, mb3.7/11, mbmp4.1/14, Error ellipse: s-maj=20.7km s-min=16.5km az=63.0

NEIC 31 04:58:26.0, 2.6, 21°39'S, 0°05'68.6W, 0.07, h114km, 6km, mb4.3/16, Mw4.4(GUC), Error ellipse: s-maj=9.7km s-min=6.8km az=88.0

GUC 31 04:58:27.3, 0.6, 21°39'S, 68°74'W, h117km, 3km, ML4.1, VAO 31 04:58:30.8, 1.5, 21°15'S, 68°12'W, h132km, 10km, mb4.6, Presumed earthquake

ISC 31 04:58:25.1, 0.6, 21°40'S, 0°03'68.62W, 0.04, h120km, 6km, n120, c=1572/145, mb4.0/12, Chile-Bolivia border region

Table with columns for Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes entries for PB09 IPOC Station P 0.70 236 Pn, PB09 IPOC Station P 0.70 236 eP, PB09 IPOC Station P 0.70 236 I/P, PB02 IPOC Station P 1.20 274 Pn, PB02 IPOC Station P 1.20 274 eP, PB07 IPOC Station P 1.23 254 I/P, PB07 IPOC Station P 1.23 254 eS, PB07 IPOC Station P 1.23 254 I/P, PB07 IPOC Station P 1.23 254 eS, PB03 IPOC Station P 1.24 238 Pn, PB03 IPOC Station P 1.24 238 eP, PB03 IPOC Station P 1.24 238 I/P, PB03 IPOC Station P 1.24 238 eS, PB08 IPOC Station P 1.35 338 Pn, PB08 IPOC Station P 1.35 338 eP, PATCX Punta Patache 1.55 292 Pn, PATCX Punta Patache 1.55 292 eP, PATCX Punta Patache 1.55 292 I/P, PATCX Punta Patache 1.55 292 eS, AF01 San Pedro de A 1.60 165 Pn, AF01 San Pedro de A 1.60 165 eP, AF01 San Pedro de A 1.60 165 I/P, AF01 San Pedro de A 1.60 165 eS, GO01 Chusmiza 1.81 342 Pn, GO01 Chusmiza 1.81 342 eP, GO01 Chusmiza 1.81 342 I/P, GO01 Chusmiza 1.81 342 eS, TA02 Huaiquique 1.81 308 Pn, TA02 Huaiquique 1.81 308 eS, TA02 Huaiquique 1.81 308 I/P, TA02 Huaiquique 1.81 308 eS, PB11 IPOC Station P 1.90 329 Pn, PB11 IPOC Station P 1.90 329 eP, PB11 IPOC Station P 1.90 329 I/P, PB11 IPOC Station P 1.90 329 eS, PB05 IPOC Station P 2.06 225 Pn, PB05 IPOC Station P 2.06 225 eP, PS6CX Pisagua 2.28 321 Pn, PX02 IPOC Station P 2.38 328 Pn, YJA Yavi 2.98 106 Pn, YJA Yavi 2.98 106 eP, YJA Yavi 2.98 106 I/P, YJA Yavi 2.98 106 eS, PB16 IPOC Station P 3.16 344 Pn, PB16 IPOC Station P 3.16 344 eP, PB16 IPOC Station P 3.16 344 I/P, PB16 IPOC Station P 3.16 344 eS.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, HJA Humahuaca, IPOC Station P, etc.

ICD 31 05:03:14.0.0.9, 3.87, 0.6N:118.02W, h0km, mb3.0/2, mbmp3.0/4, ML2.8/2, Error ellipse: s-maj=10.2km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mina Array Sit, IPOC Station P, etc.

Main table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mina Array Sit, IPOC Station P, HJA Humahuaca, etc.

SJA 31 05:09:32.1±0.7, 15:39S:70:73W, h161km±38km, MW6.1(GFZ) GFZ 31 05:09:34.9, 15:30S:70:78W, h169km, MW6.1, Moment Tensor Solution. s67 Moment tensor: Mr=0.83;

s-min=5.6km az=65.3, Moment Tensor Solution. Moment tensor: Scale 10^18Nm; Mr=0.99; Mw0.70; Mw0.28; Mw1.53; Mw0.061; Mw1.132; Fault plane solution: M2.2896x10^18 NP1.31.119.1209S; 814.07744N; lambda=10.81220E; NP2.31.110.25967S; 876.17749N; lambda=87.30674E. Principal axes: T 2.3588, Pg131.1267, Azm38.0352; N -0.1448, Pgs2.6152, Azm129.6158; P -2.2140, Pgs6.7387, Azm223.9307; confirmed BGR 31 05:09:34.4, 13:00S:69:25W, h33km, mb5.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LAS PENAS INFR, IPOC Station P, HJA Humahuaca, etc.

31d 5h

Table with columns: SIV, San Ignacio, 9.97 95 P, Pn, 05 11 47.2 -3.0, etc.

2020 MAY

Table with columns: SPBC, San Pablo de B, 21.16 351 P, P, 05 14 07.6 -1.9, etc.

2042

Table with columns: MACN, El Madrono, 31.83 330 P, P, 05 15 46.7 +0.7, etc.

Table with columns: UNM, Universidad Na, 44.39 320, Iamb, Iamb, 05 17 43.5, etc. Lists various university names and associated data.

Table with columns: GNAR, Gosnell, 54.22 341, P, P, 05 18 44.0 -0.9, etc. Lists various locations and associated data.

Table with columns: SRIG, Santa Rosalia, 58.47 316, P, P, 05 19 15.6 +0.4, etc. Lists various locations and associated data.

31d 5h

Table with columns for bird species, counts, and status. Includes entries like PV23 Carpenter Ridg, CBX1 Come Mtn., ICQ Pointe Anglais, etc.

2020 MAY

Table with columns for bird species, counts, and status. Includes entries like PCALD Caldeiras da R, PGRON Lagoa das Cont, BW06 Boulder Array, etc.

2044

Table with columns for bird species, counts, and status. Includes entries like MCCM Marconi Confer, HATC Hat Creek Radr, MSO Missoula, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Rabat Centre, Vila Bisbo, Vilva Bisbo, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Vila Real, Cabril, Malaga-Limoner, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CRAIG Craig, WRAG Wrangell Island, DLBC Dease Lake, etc.

31d 5h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like Mendenhall, Thialogang, Million Dollar, Windy Craggy, etc.

2020 MAY

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like DAVA, DAVA, STU, DBG, DBG, DBG, etc.

2046

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like D28M, PAX, PAX, PAX, M24K, etc.

Table with columns for station ID, name, coordinates, and various performance metrics (e.g., SNR, error rates).

Table with columns for station ID, name, coordinates, and various performance metrics (e.g., SNR, error rates).

Table with columns for station ID, name, coordinates, and various performance metrics (e.g., SNR, error rates).

31d 5h

Table with columns for station code, name, frequency, power, and various status indicators. Includes stations like Suwalki, Red Dog Mine, Noatak River, etc.

2020 MAY

Table with columns for call sign, name, frequency, power, and various status indicators. Includes stations like SHAI, KIV, KVAR, GOF, etc.

2048

Table with columns for call sign, name, frequency, power, and various status indicators. Includes stations like UOSS, BANOH, BANOI, etc.

31d 5h

2020 MAY

2050

Table with columns for call sign, name, frequency, mode, and other technical details. It lists various radio stations and their operational parameters for the month of May 2020.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and various station details like frequency and power.

REN 31 05:26:03.4+1.0, 38°15'N:0°09':117.85W:0.01, h10km,2km, Error ellipse: s-maj=1.6km s-min=0.7km az=134.0

NEIC 31 05:26:03.7+0.9, 38°17'N:0°01':117.86W:0.01, h9km,2km, ML2.7/58, ML2.8/13(REN), Error ellipse: s-maj=2.2km s-min=1.5km az=206.0, Nevada

Main table listing station codes (e.g., NV11, LHV, LHV), station names (e.g., Mina Array Sit, Little Huntoon), and their respective coordinates and parameters.

Table listing station codes (e.g., AFDM, BEKR, SHPR), station names (e.g., Forest Hills D, Beckworth), and their respective coordinates and parameters.

ADC 31 05:34:21.3+3.2, 16°52'S:173°72'W, h67km,34km, mb3.6/5, mbmtp3.0/6, ML4.7/1, Error ellipse: s-maj=51.0km s-min=21.5km az=128.0

ISC 31 05:34:24.5+0.9, 16°35'02.173°5'W:0.3, h100km, n30, s156/27, mb3.6/5, Tonga Islands

Main table listing station codes (e.g., AFI, NIUE, HAZ), station names (e.g., Afiamalu, Niue), and their respective coordinates and parameters.

Table listing station codes (e.g., BARC, SARC, PAMC), station names (e.g., Barichara, Pamplona, Colo), and their respective coordinates and parameters.

FUNV 31 05:35:14.3, 7°14'N:73°12'W, h5km, MW2.5, Presid earthquake

ISC 31 05:35:09.8+1.5, 6°84'N:0°03':73°13'W:0.05, h158km,9km, n21, c129/42, Northern Colombia

Main table listing station codes (e.g., PMG, CTA, WRA), station names (e.g., Port Moresby, Charters Tower), and their respective coordinates and parameters.

ADC 31 05:47:43.4+1.7, 42°80'N:79°76'E, h0km, mb3.6/2, mbmtp3.4/6, ML3.0/4, Error ellipse: s-maj=25.0km s-min=10.7km az=136.0

NINC 31 05:47:46.0+5.2, 42°92'N:79°67'E, h0km, mb4.6, mpv4.3, Error ellipse: s-maj=2.8km s-min=1.7km az=128.0

SOME 31 05:47:46.5, 42°90'N:79°60'E, h5km, MS2.6, BUI 31 05:47:47.1, 42°84'N:79°55'E, h9km, ML3.5/9, ISC 31 05:47:47.1, 42°96'N:0°04':79°53'E:0.04, h16km,6km, n71, c195/107, 8C-5D, Lake Issyk-Kul region

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

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

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

31d 7h

2020 MAY

2054

Table with columns: CMAR, Chiang Mai Arr, 54.43 256 P, P, 07 35 48.0 +0.5. Includes various station names and coordinates.

UCR 31 07:35:38.9-0.7, 9.62N-84.83W, h18km, 3km, MW3.5, Presumed earthquake

CATAC 31 07:35:38.2-0.5, 10 N-3 8' 5W, h5km, 3km, M3.2/8, MLv3.2/8, Error ellipse: s-maj=7.1km s-min=4.0km az=32.6, confirmed

ISC 31 07:35:38.1-1.0, 9.58N-0.04-84.83W, 0.03, h25km, 7km, n78, c063/95, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Garabito Jaco, Paquera, Cobano, Puntar, etc.

Table with columns: CASO, Cerro El Cedra, 0.86 87 eS, Sn, 07 36 06.3 -0.1. Includes stations like ARE1, VARE2, FORC, etc.

GUC 31 07:43:55.9-1.0, 23.64S-66.83W, h199km, 9km, ML3.7, IDC 31 07:43:55.8-1.1, 0.23-64S-66.83W, h172km, 87km, mb3.0/1, mbmp3.5/2, Error ellipse: s-maj=128.7km s-min=88.4km az=57.0

ISC 31 07:43:54.1-1.4, 23.80S-0.009-67.36W, 0.10, h178km, n12, c109/20, 4C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like San Pedro de Arr, IPOC Station P, etc.

JSN 31 07:44:22.0-1.1, 20.11N-72.28W, h0km, 16km, MD5.4, Presumed earthquake

NEIC 31 07:44:23.8-1.9, 19.99N-0.06-72.41W, 0.06, h10km, 1km, mb4.7/38, Error ellipse: s-maj=13.8km s-min=4.0km az=40.0

IDC 31 07:44:23.6-0.4, 0.9-85N-72.37W, h0km, mb4.3/26, mbmp4.3/30, ML2.9/3, MS3.7/4, Error ellipse: s-maj=13.9km s-min=11.3km az=68.0

SDD 31 07:44:24.9-2.2, 19.93N-72.46W, h20km, 54km, MD4.3, ML4.7, MW4.8, Presumed earthquake Hypocentre not reviewed by the ISC

CATAC 31 07:44:25.0-0.9, 20 N-3 8' 7W, h15km, 6km, MS.2/10, mb5.2/6, mb5.5/4, MLV5.2/10, Mw(mb)5.0/4, Error ellipse: s-maj=5.7km s-min=4.0km az=177.4, confirmed

SSNC 31 07:44:26.5-7.3, 19.86N-72.58W, h10km, MD3.8, ML4.9, Presumed earthquake

OSPL 31 07:44:28.1-3.7, 19.85N-72.43W, h12km, ML4.6, Presumed earthquake

ISC 31 07:44:23.7-1.2, 19.88N-0.03-72.43W, 0.02, h6km, 8km, n616, c119/497, mb4.7/158, MS3.8/31, 30C-13D, Haiti region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Montecristi, ITESIL, Dajabo, etc.

Table with columns: SDDR, comp=N, 6um, 0.7s, IAML, 07 45 09.1. Includes stations like Presa de Saban, Jimani, etc.

2055

Table with columns: DR12, RCC, HCC, MARVS, HLG, YAR, CHIV, LMGC, GWJ, HOJ, STH, PCH, STH, BNJ, ENJ, MTJD, MTJD, MTJD, CVJ, CCCC, AGPR, PRSN, MCJ, CRPR, UUPR, CELP, ECP, LCCY, LCCY, MGCV, URI, FSCY, CAMR, CAMR, SABA, SMRT, 060A, 060A, SJCC, ANHW, GDBW, SDV, SDV, SDV, DWPF, APAC, 656A, PNME, BBSR, CBCC, GUY2C, ROSC, ROSC, ROSC, TIGA, CYER, PLMC, Y58A, JTS, X58A, X58A, V61A, W67A, GOGA, HODGE, HODGE, V58A, JAMC, KMSC, 250A, 250A, BRAL, BRAL, Y52A, T59A, T59A, V55A, POPC, U56A, U56A, APG, V53A, BBAC, LRAL, TKL, TKL, R58B, HUEH, HUEH, CBN, C47C, Z47A, S54A, R55A

2020 MAY

Table with columns: CMBC, TULM, O56A, S51A, V48A, CUSE, MVLE, VBMS, OTAV, OTAV, OTAV, OTAV, Q52A, BOAV, P53A, WVT, N58A, N58A, 143A, WSP, SLO, 47A, O54A, R49A, M63A, CMIG, 441A, M57A, KSPA, UTM, WCI, PAMR, L64A, N53A, CCAR, HICK, ACSCO, L59A, USIN, PAOC, BINY, P48A, L61B, L56A, BLO, TRY, WLAR, O48B, WHAR, FCAR, FCAR, T42A, Q44A, TEF, LONY, FRNY, EMMW, HDL, WB, U38A, S39A, SADO, SADO, WHTX, MNTD, RLO, MACA, 833A, TUL3, BUKO, W35A, BRDY, L42A, PLPT, P38A, JCT, T35A, L40A, N38A, ABTX, CZSB, CZSB, ATAH, I42A, APMT, OZNA, DKNS

31d 7h

Table with columns: POST, ITTB, G40A, R32A, ODSA, I37A, TXAR, TXAR, ALPN, MSTX, E38A, ECSD, RTBA, MNXT, F33A, T25A, ANMO, Y22A, SDCO, AGMM, EPLO, CLDB, VILB, VILB, SCHO, SCHO, SCHO, LPAZ, LPAZ, LPAZ, LPAZ, PUC, TVOS, PTB, SMLB, PB16, BBSD, PDAR, PDAR, PDAR, NBPS, SALV, NBMO, PB11, LOHW, ARAG, PP1B, SDBA, BDBF, BDBF, NBMA, NVAR, FRB, J08A, NEW, NEW, EDM, CPUP, CPUP, CPUP, SFJD, SFJD, SPB, CO01, YKA, YKA, YKAW, BBB, BBB, KOTAN, LIRD, WRGL, SUMC, SUMC, R35M, RES, RES, RES, DLBC, DLBC, DLBC, DLBC, WRAK

31d 7h

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like R33M Jennings River, CRAG Craig, U33K Whale Pass, etc.

2020 MAY

Table with columns: CROQE, Name, Value, Unit, Status, Date, Time, etc. Includes entries like Cirque, BGLC Bering Glacier, MCARA McCarthy VSAT, etc.

2056

Table with columns: Name, Value, Unit, Status, Date, Time, etc. Includes entries like L22K Petersburg, MLY Manley, MLY Manley, etc.

Table with columns: Station Name, Azimuth, Distance, Magnitude, and other seismic parameters. Includes stations like F18K, R16K, TORD, etc.

Table with columns: Station Name, Azimuth, Distance, Magnitude, and other seismic parameters. Includes stations like ASAR, BITO, PAQE, etc.

Table with columns: Station Name, Azimuth, Distance, Magnitude, and other seismic parameters. Includes stations like MACN, CNGA, RCGN, etc.

31d 9h

Table with columns: QMBU, comp=N, 7.8nm, 0.3s, 2.19 302, ePg, IAML, 08 37 10.0, 08 37 35.0, 08 38 03.0, GTBY, Guantano Bay, 2.32 293, eS, Pn, 08 37 11.0 +2.0, 08 37 37.3 +0.1, 08 37 44.4, etc.

IDC 31 08:39:30.2, 2.3, 4.69S, 12.21W, h0km, mb3.6/4, m-bmt=35.7km, Error ellipse: s-maj=171.8km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, H, M, S, ISC, H10N2, ASCENSION HYDR 3.85 216, etc.

NEIC 31 08:45:33.4-0.9, 22.50N, 0.08, 143.6E, 0.2, h108km, 7km, mb4.0/11, Error ellipse: s-maj=32.0km s-min=11.2km

IDC 31 08:45:33.0, 2.7, 22.48N, 143.66E, h115km, 22km, mb3.6/13, m-bmt=4.0/15, MS2.8/1, Error ellipse: s-maj=27.4km s-min=15.5km az=87.0

ISC 31 08:45:33.4-0.9, 22.50N, 0.09, 143.7E, 0.2, h118km, n41, c098/36, mb3.9/19, Volcano Islands region

Main table for 31d 9h section, listing various seismic events with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, H, M, S, ISC, etc.

2020 MAY

IDC 31 08:46:30.4, 12.0, 22.53S, 119.73E, h0km, m-bmt=3.0/2, ML2.7/2, Error ellipse: s-maj=115.2km s-min=107.8km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, H, M, S, ISC, ASAR, Alice Springs, 13.09 98, etc.

IDC 31 08:50:34.3, 4.7, 28.84S, 67.17E, h0km, mb3.4/3, m-bmt=3.4/3, Error ellipse: s-maj=183.2km

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, H, M, S, ISC, H04N2, CROZET ISLANDS, 21.09 211, etc.

SSNC 31 09:13:28.4, 1.2, 20.41N, 72.11W, h20km, 11km, MD3.5, ML2.2, MW2.2, Presumed earthquake

OSPL 31 09:13:31.0, 3.0, 19.89N, 72.40W, h0km, 21km, ML1.9, Presumed earthquake

ISC 31 09:13:29.1, 1.8, 19.90N, 72.40W, 0.05, h4km, 13km, n12, c180/24, 11C, Haiti region

Main table for 2020 MAY section, listing various seismic events with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, H, M, S, ISC, etc.

2058

comp=N, 4800um, 0.1s

Main table for 2058 section, listing various seismic events with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, H, M, S, ISC, etc.

2059

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SENIN Lac Senin/Sane, SENIN Plons/SG, PLONS, etc.

2020 MAY

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WATA, WTTA, WTTA, etc.

31d 10h

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NVAR, ELK, PDAR, etc.

31d 10h

Table of seismic data for stations 31d and 10h, including station names, magnitudes, depths, and times.

MEX 31 10:27:43.6±0.5, 14°21'N-92°51'W, h18km, 114km, MD3.8, Presumed earthquake, Near coast of Chiapas

Table of seismic data for stations in Mexico, including station names, magnitudes, depths, and times.

SNET 31 10:28:29.3±0.9, 12°94'N-89°01'W, h14km, ML3.2, Presumed earthquake

CATAC 31 10:28:28.4±0.8, 13°N-4°8'9'W, h19km, 4km, M3.0/10, MLV3.0/10, Error ellipse: s-maj=8.8km s-min=3.9km az=23.6, confirmed, Off coast of central America

Table of seismic data for stations in Central America, including station names, magnitudes, depths, and times.

SJA 31 10:38:37.1±0.6, 22°64'S-68°82'W, h108km, 3km, ML3.2, MW3.5

GUC 31 10:38:38.8±0.7, 22°62'S-68°84'W, h102km, 5km, ML3.4

ISC 31 10:38:37.1±1.5, 22°59'S-0°04-68.75W-0°05, h112km, 10km, n24, c154/42, 5C-2D, Northern Chile

Table of seismic data for stations in Chile and other regions, including station names, magnitudes, depths, and times.

2020 MAY

Table of seismic data for stations in 2020 May, including station names, magnitudes, depths, and times.

IDC 31 10:49:36.4±1.7, 63°60'S-169°92'E, h0km, mb3.9/2, mbmp4.0/3, ML3.6/2, MS3.7/6, Error ellipse: s-maj=60.4km

ISC 31 10:49:37.0±1.2, 63°55'01"-170°2'E-0.4, h10km, n25, c063/7, MS3.8/5, Balleny Islands region

Table of seismic data for stations in the Balleny Islands region, including station names, magnitudes, depths, and times.

NOU 31 10:51:30.2, 17°44'S-167°66'E, h13km, MLv4.0/11, Vanuatu Islands, Vanuatu Islands

Table of seismic data for stations in Vanuatu, including station names, magnitudes, depths, and times.

JSN 31 10:51:34.7±1.2, 19°16'N-80°77'W, h0km, 102km, MD4.1, Presumed earthquake

SSNC 31 10:51:35.9±1.1, 18°96'N-80°88'W, h2km, 6km, MD3.3, ML2.9, Presumed earthquake

ISC 31 10:51:35.4±1.8, 18°95'N-080°95'W-0°08, h35km, n13, c071/20, 3C-5D, North of Honduras

Table of seismic data for stations in Honduras and other regions, including station names, magnitudes, depths, and times.

2060

Table of seismic data for stations in 2060, including station names, magnitudes, depths, and times.

GUC 31 10:52:01.2±0.7, 16°40'S-70°70'W, h195km, 6km, ML3.3

IDC 31 10:52:03.2±5.5, 14°48'S-69°63'W, h134km, 76km, mb3.2/2, mbmp3.6/3, Error ellipse: s-maj=150.4km s-min=51.5km az=27.0

ISC 31 10:52:02.7±1.4, 16°36'S-0°09-70°3W-0°1, h200km, n11, c153/17, 5C, Southern Peru

Table of seismic data for stations in Southern Peru, including station names, magnitudes, depths, and times.

YKA 31 10:52:02.9±0.6, 89°32'W, P 11:04 20.1 +0.5

KRNET 31 10:52:54.0±0.1, 40°24'N-71°87'E, h20km, mb2.6

ISU 31 10:52:54.4±0.2, 40°24'N-71°87'E, h15km, NNC 31 10:52:04.9±3.1, 40°64'N-71°99'E, h0km, mb3.0, mpv2.8

Error ellipse: s-maj=25.6km s-min=11.4km az=179.0

SOME 31 10:53:04.0±0.4, 58°N-71°87'E, h15km

ISC 31 10:52:52.8±1.1, 40°20'N-0°03-71°90'E-0°03, h18km, 5km, n20, c147/33, 16C-7D, Tajikistan

Table of seismic data for stations in Tajikistan and other regions, including station names, magnitudes, depths, and times.

KRSC 31 10:54:08.7±2.0, 51°57'N-153°85'E, h442km, 26km, M13.8

IDC 31 10:54:10.0±1.0, 51°81'N-153°38'E, h430km, 16km, mb2.4/5, mbmp3.3/8, Error ellipse: s-maj=26.8km s-min=22.2km az=97.0

ISC 31 10:54:09.7±0.9, 51°77'N-0°15-153°89'E-0°09, h442km, n27, c1960/35, mb2.9/5, Northwest of Kuril Islands

Table of seismic data for stations in the Northwest of Kuril Islands and other regions, including station names, magnitudes, depths, and times.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Cry, Elevation Cry, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine.

31d 12h

Table with columns: ID, Station Name, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Newport, Elson Array, ANMO Albuquerque, etc.

NSSP 31 11:39:18.6, 38°72N, 43°43E, h10km, Ms3.1
ISK 31 11:39:20.4, 38°79N, 43°43E, h11km, ML3.3/3.6
AFAD 31 11:39:21.6, 38°80N, 43°48E, h7km, 5km, ML2.9
TEH 31 11:39:27.3, 38°96N, 44°03E, h17km, 113km, ML2.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Van-Muradiye, VNUM, VNUM, etc.

2020 MAY

NEIC 31 11:47:25.7, 1.6, 13°77N, 0°06.92, 32W, 0.07, h10km, 2km, mb4.0/15, MD4.2/57(MEX), Error ellipse: s-maj=11.8km s-min=9.5km az=250.0
MEX 31 11:47:25.6, 0.7, 13°56N, 92°30W, h15km, MD4.2, Presumed earthquake
GCG 31 11:47:25.2, 1.3, 17°47N, 92°24W, h0km, 107km, MD4.4, Presumed earthquake

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RTAL, RTAL, STGZ, THIG, THIG, THIG, etc.

2064

Table with columns: ID, Station Name, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SFJD, INK, ILAR, EKA, ESDC, NOA, CMAR.

UCR 31 12:13:49.7, 0.5, 10°10N, 86°38W, h18km, 3km, MW3.8, Presumed earthquake
NEIC 31 12:13:50.3, 1.1, 10°11N, 0°06.86, 21W, 0.06, h10km, 1km, mb4.4/11, Error ellipse: s-maj=13.2km s-min=8.0km az=223.0
CATA 31 12:13:50.1, 0.5, 10°N, 3°8'W, h10km, M4.2/24, ML4.2/24, Error ellipse: s-maj=7.9km s-min=5.2km
IDC 31 12:13:53.0, 2.2, 10°05N, 86°21W, h44km, 18km, mb3.5/6, mbmp3.8/10, ML3.0/2, MS3.4/9, Error ellipse: s-maj=27.7km s-min=10.1km az=19.0
ISC 31 12:13:50.6, 1.5, 10°08N, 0°04.86, 26W, 0.05, h20km, 8km, n108, 088/117, mb4.0/10, MS3.4/8, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SACU, SACU, JUD3, JUD3, NICO, NICO, etc.

2067

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like FUSHOU, HATERUMA JIMA, WUBS, etc.

IDC 31 13:26:59.4+7.9,5339N-159.44E,h0km Error ellipse: s-maj=81.6km s-min=30.9km az=51.0,Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like I44RU, PETK, IS0JP.

SJA 31 13:27:05.8+0.7,32.11Sx70.17W,h122km,4km,ML3.4,MW3.6

GUC 31 13:27:07.2+0.8,32.10Sx70.40W,h128km,3km,ML3.5

ISC 31 13:27:05.9+1.3,32.10Sx02.70W,0.03,h127km,gkm,m61,0.94/105,1C-13Z,Chile-Argentina border region

Main table for 2067 with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations including Los Peladeros, San Esteban, Uspallata, etc.

2020 MAY

Table for 2020 MAY with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like Las Melosas, Talagante, Cerro Coronel, etc.

SJA 31 13:35:27.4+0.6,21.38Sx68.51W,h145km,4km,ML3.8,MW3.7

IDC 31 13:35:29.9+2.1,21.35Sx68.20W,h120km,19km,mb4,1/6,mbmp4,2/12,Error ellipse: s-maj=20.6km s-min=14.5km az=75.0

NEIC 31 13:35:30.2+0.8,21.40Sx05.68E,59Wx0.08,h124km,6km,mb4,3/18,Mw4.0(GUC),Error ellipse: s-maj=11.1km s-min=7.5km az=83.0

GUC 31 13:35:30.2+0.6,21.37Sx68.49W,h124km,3km,ML3.8

ISC 31 13:35:29.6+0.7,21.35Sx03.68W,0.04,h123km,gkm,m99,0.1948/126,mb4,3.17,1C-3D,Chile-Bolivia border region

Main table for 2020 MAY with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations including IPOC Station P, Maricunga, Horco Molle, etc.

31d 13h

Main table for 31d 13h with columns: Station Name, Frequency, Mode, and other technical details. Lists numerous stations including San Pedro de A, Diego Aracena, Chusmiza, etc.

31d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MCDR Montecristi, REDR Restauracion, SDDR Presa de Saban, etc.

ISK 31 15:06:13.8, 35:36N, 26:16E, h5km, ML2.8/6
THE 31 15:06:14.6, 35:36N, 26:16E, h21km, 2M, 9/6, MLh2.9/6

ATH 31 15:06:15.0, 35:20N, 26:12E, h23km, 1km, ML2.9/7,
Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SIT2 Siteia, ZKR Zakros, NPS Neapolis, etc.

IDC 31 15:26:09.6, 3.5, 2.11N, 92.36E, h0km, mb3.2/0,
mbmp3.2/4, Error ellipse: s-maj=117.3km s-min=30.2km az=62.0

DJA 31 15:26:21.6, 0.7, 2.1N, 6.9, 3E, h157km, 18km, M4.4/22,
mb4.5/13, mB5.0/5, MLv4.3/22, Mw(m)B4.3/5

ISC 31 15:26:15.1, 6.2, 28N, 0.09, 93E, 0.1, h21km, n13,
c216/15, mb3.3/0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SNSI Sinabang, BSI Banda Aceh, TPTI Gunungsitoli, etc.

2020 MAY

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, IDC 31 15:35:59.9, 1.2, 34.05N, 25.54E, etc.

IDC 31 15:41:14.9, 1.0, 34.04N, 25.62E, h0km, mb3.6/11,
mbmp3.7/20, ML3.3/7, MS2.9/7, Error ellipse: s-maj=19.0km s-min=12.8km az=32.0

GII 31 15:41:20.0, 0.0, 3.7339N, 0.00126, 096E, 0.001,
h0km, Mw3.4, confirmed

ISC 31 15:41:16.2, 0.7, 33.91N, 0.09, 25.59E, 0.06, h17km, n41,
t197/57, mb3.6/10, MS2.8/3, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDI Anoyia, CSS Mathiatis, CSS Kziot, etc.

ASAF Jabal al Asfar 9.65 97 Pn 15 43 34.7 +0.3

VAE Valguarnera 9.76 295 Pn 15 43 35.4 -0.5

DAVOS Davos/Dischmat 17.53 322 P 15 45 19.4 -0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ESDC Sonseca Array, HFS Hagfors, FINES FINES Array B, etc.

2070

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, SONM Sonogno Array, INK Inuvik, etc.

IDC 31 15:51:42.1, 1.2, 34.10N, 25.64E, h0km, mb3.6/7,
mbmp3.6/12, ML2.8/4, Error ellipse: s-maj=22.1km

ATH 31 15:51:50.8, 34.49N, 25.63E, h28km, 7km, ML2.6/5,
Latitude uncertainty: 3 km; Longitude uncertainty: 1 km

ISC 31 15:51:46.1, 0.8, 34.12N, 0.08, 25.74E, 0.06, h35km, n23,
c2508/28, mb3.6/6, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZKR Zakros, NPS Neapolis, SIVA Sivas, etc.

IDC 31 16:14:57.4, 8.2, 30.14S, 179.41W, h336km, 63km, mb2.9/3,
mbmp3.9/4, Error ellipse: s-maj=91.8km s-min=29.6km az=40.0

ISC 31 16:14:59.7, 1.1, 30.40S, 0.10, 179.5W, 0.2, h350km, n36,
c161/51, mb3.0/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GLKZ Green Lake, HAZ Te Kaha, PKGZ Pakihiri, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include CUPR Culebra, Puerto Rico, HUMP Hato Mayor del Rey, etc.

Code Station Name Az Az Phase ID Time Res ISC
CUPR Culebra, Puerto Rico 0.94 207 Op Pn 16 25 07.3 +0.7
HUMP Hato Mayor del Rey 1.40 224 eP Pn 16 25 12.6 -0.2

IDC 31 16:47:06.0-0.9, 17:69N;66:73W, h0km, mb3.6/6, mbtmp3.6/7, ML2.8/1, MS2.9/1, Error ellipse: s-maj=24.5km s-min=9.3km az=140.0

NEIC 31 16:47:07.6-1.1, 17:78N;0:04:66:741W;0:009, h10km, mb4.2/2, ML3.9/26, Error ellipse: s-maj=6.2km s-min=2.7km az=2.0

RSPR 31 16:47:08.8, 17:93N;66:76W, h7km, MD3.6/23 SDD 31 16:47:10.3-2.4, 17:73N;66:60W, h0km, 91km, MD3.8, ML3.9, MW3.8, Presumed earthquake Hypocentre not reviewed by the ISC

ISC 31 16:47:06.2-1.3, 17:77N;0:05:66:77W;0:02, h8km, 8km, n50, c15/17/57, mb3.8/5, 2C-9D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include Guanica, Bosque, Obispo Ponce, etc.

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

Code Station Name Az Az Phase ID Time Res ISC
PODR Polo 4.31 276 i P IAML 16 48 18.1

NEIC 31 16:52:05.9-1.4, 44:13N;0:03:115:10W;0:03, h10km, 1km, mb4.0/17, ML4.0/137, Mw3.9/43, ML4.4/3(BUT), Error ellipse: s-maj=4.7km s-min=3.2km az=214.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mn=0.73; Mw=0.57; Mxx=0.16; Mxy=0.65; Myz=0.45; Mzz=0.04;

Fault plane solution: Mo: 0.0300x10^15 Np: 0.284 x10^15; 330.0; 365.3000; -1.108.0000; NP2: 0.42.20000; 830.19000; -55.90000; Principal axes: T: 1.0465, P1g18.0000; Azm27.0000; N: -0.0371, P1g16.0000; Azm292.0000; P: -1.0094, P1g65.0000; Azm163.0000;

NEIC 31 16:52:05.9-1.2, 44:12N;1:15:09W, h10km IDC 31 16:52:06.9-0.6, 44:29N;1:14:93W, h0km, mb3.8/5, mbtmp3.8/13, ML3.9/6, MS3.1/4, Error ellipse: s-maj=10.7km s-min=7.2km az=75.0

BUT 31 16:52:06.9-1.2, 44:13N;0:03:115:10W;0:03, h9km, 2km, Error ellipse: s-maj=3.8km s-min=3.1km az=210.0

ISC 31 16:52:05.5-0.5, 44:04N;0:03:115:12W;0:03, h10km, n116, c15/48/64, mb4.0/9, MS3.4/9, Western Idaho

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include Hailey, Gamas Ranch, Pearl Lake, etc.

Table with columns: YNM, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include Norris Junctio, Pistol Creek, etc.

Code Station Name Az Az Phase ID Time Res ISC
YNM Norris Junctio 3.26 77 IAML 16 53 50.7

NEIC 31 16:52:05.9-1.4, 44:13N;0:03:115:10W;0:03, h10km, 1km, mb4.0/17, ML4.0/137, Mw3.9/43, ML4.4/3(BUT), Error ellipse: s-maj=4.7km s-min=3.2km az=214.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mn=0.73; Mw=0.57; Mxx=0.16; Mxy=0.65; Myz=0.45; Mzz=0.04;

Fault plane solution: Mo: 0.0300x10^15 Np: 0.284 x10^15; 330.0; 365.3000; -1.108.0000; NP2: 0.42.20000; 830.19000; -55.90000; Principal axes: T: 1.0465, P1g18.0000; Azm27.0000; N: -0.0371, P1g16.0000; Azm292.0000; P: -1.0094, P1g65.0000; Azm163.0000;

NEIC 31 16:52:05.9-1.2, 44:12N;1:15:09W, h10km IDC 31 16:52:06.9-0.6, 44:29N;1:14:93W, h0km, mb3.8/5, mbtmp3.8/13, ML3.9/6, MS3.1/4, Error ellipse: s-maj=10.7km s-min=7.2km az=75.0

BUT 31 16:52:06.9-1.2, 44:13N;0:03:115:10W;0:03, h9km, 2km, Error ellipse: s-maj=3.8km s-min=3.1km az=210.0

ISC 31 16:52:05.5-0.5, 44:04N;0:03:115:12W;0:03, h10km, n116, c15/48/64, mb4.0/9, MS3.4/9, Western Idaho

Table with columns: YNM, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include Red Lodge, Summer Lake, etc.

Table with columns: TNS, Station Name, Time, Magnitude, Location, and other parameters. Includes stations like Tian-Shan, ARSB, OHH, MTBS, etc.

Table with columns: TDK, Station Name, Time, Magnitude, Location, and other parameters. Includes stations like TDK, TDK, IUG, IUG, etc.

Table with columns: BFZ, Station Name, Time, Magnitude, Location, and other parameters. Includes stations like BFZ, BFZ, SNZO, etc.

31d 19h

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, and various station data points for 31d 19h.

2020 MAY

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, and various station data points for 2020 MAY.

2074

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, and various station data points for 2074.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes NEIC 31 19:14:21.0, 2.6, 18.94N, 0.08, 146.1E, 0.2, h147km, 1.0km, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes REN 31 19:25:29.1, 1.2, 38.18N, 0.02, 117.75W, 0.02, h4km, 4km, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes WAKR comp=N, 308nm, 0.7s, KCC Kaiser Creek, WCT Wildcat Mount, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes IDC 31 19:35:49.0, 3.6, 11.35S, 117.22E, h0km, mb3.5/3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes CTBH Cotabato-PC H, TSSP Tandag City, CGP Cagayan de Oro, etc.

IDC 31 19:54:15.4, 1.2, 63.66S, 170.09E, h0km, mb3.7/4, mbtmp3.9/5, ML4.0/1, MS4.0/27, Error ellipse: s-maj=58.7km s-min=25.6km az=64.0.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes VANDA Vanda, URZ Urewera, QSPA South Pole Qui, etc.

31d 20h

NEIC 31 19:56:32.0, 1.1, 18.46N, 0.08:65.04W, 0.03, h24km, 11km, ML3.5/34, MD3.8/15(SRPR), Error ellipse: s-maj=12.0km s-min=4.1km az=177.0

RSRPR 31 19:56:32.7, 18.43N, 65.02W, h7km, 1km, MD3.8/15

ISC 31 19:56:29.6, 1.4, 18.39N, 0.09:64.98W, 0.02, h14km, 10km, n53, c1509/83, 11C-6D, Virgin Islands

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

ISC 31 20:06:40.9, 3.0, 47.56N, 49.34E, h0km, mb3.3/3, mbtmp3.5/4, ML3.9/1, Error ellipse: s-maj=47.9km s-min=44.6km az=12.0, Western Kazakhstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Kazakhstan event.

ISC 31 20:07:20.3, 22.0, 24.57S, 69.65E, h0km, mb3.5/3, mbtmp3.5/3, Error ellipse: s-maj=738.3km s-min=44.0km az=62.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Mid-Indian Ridge event.

2020 MAY

0.4nm,0.7s
ISC 31 20:12:43.7, 1.6, 2.02N, 126.86E, h0km, mb3.6/6, mbtmp3.7/6, MS2.5/1, Error ellipse: s-maj=84.0km s-min=18.5km az=66.0

DJA 31 20:12:50.2, 1.2, 2.2N, 127.7E, h25km, 12km, M3.8/17, mb4.1/5, MLV3.7/17

MAN 31 20:12:52.0, 2.52N, 127.06E, h78km, MS3.7

ISC 31 20:12:6.1, 0.1, 2.40N, 0.07:127.4E, 0.1, h64km, n17, c173/17, mb3.4/5, Northern Molocca Sea

Large table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists numerous seismic stations and their characteristics.

2076

IUG 36nm,0.1s eS Sb P 28 28 04.5 +2.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the 2076 event.

RSNC 31 20:42:15.3, 0.0, 7.1N, 177.3W, h147km, 2km, M2.4, ML2.0 FUNV 31 20:42:17.9, 7.09N, 73.24W, h19km, MW2.9, Presumed

ISC 31 20:42:13.6, 1.5, 6.91N, 0.04:73.15W, 0.05, h153km, 9km, n22, c1939/43, Northern Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Northern Colombia event.

NEIC 31 20:50:04.7, 2.3, 17.39S, 0.08:167.7E, 0.1, h10km, 1km, mb4.7/20, Error ellipse: s-maj=19.9km s-min=12.8km az=71.0

NOU 31 20:50:06.0, 17.31S, 167.89E, h15km, mb4.7/20, Vanuatu Islands

ISC 31 20:50:07.0, 2.0, 17.30S, 167.66E, h27km, 3km, mb4.1/12, mbtmp4.2/15, ML4.3/3, MS4.0/10, Error ellipse: s-maj=21.5km s-min=15.7km az=91.0

GCMT 31 20:50:08.4, 0.3, 17.21S, 0.04:167.74E, 0.03, h29km, MW5.0/86, Moment Tensor Solution, s26.c26, s86.c102; Duration: 0 Moment tensor: Scale 10^19Nm; Mw: 5.66; 24; Mw-1.12; 16; Mw-3.45; 15; Mw-0.03; 26; Mw-0.06; 20; Mw-0.45; 20. Best double couple: M4.03100x10^16

NP1: 178.00000, 848.00000, 842.00000, 89.00000. NP2: 359.00000, 848.00000, 842.00000, 89.00000. Principal axes: T 4.5850, Plg87.0000, Azm276.0000; N -1.1190, Plg0.0000, Azm179.0000; P -3.4760, Plg3.0000. Azm89.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular

ISC 31 20:50:07.5, 0.5, 17.39S, 0.05:167.73E, 0.05, h30km, 3km, h30km; PP-P, n91, c157/86, mb4.6/23, MS3.9/9, 1C-5D, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Vanuatu Islands event.

Table with columns: Code, Station Name, Az, Az', Op, ISC, H, M, S, ISC, Time, Res. Rows include stations like QLP, CNB, AUMHS, CAN, CMIAS, LTZ, etc.

Table with columns: Code, Station Name, Az, Az', Op, ISC, H, M, S, ISC, Time, Res. Rows include MOT, RETA, SQTA, FETA, DAVA, TOR, TOR, TOR.

Table with columns: Code, Station Name, Az, Az', Op, ISC, H, M, S, ISC, Time, Res. Rows include NEIC 31 20:51:39, IDC 31 20:51:40, ISC 31 20:51:39.

Table with columns: Code, Station Name, Az, Az', Op, ISC, H, M, S, ISC, Time, Res. Rows include MARCN, KOUNC, DZM, DZM, DZM.

Table with columns: Code, Station Name, Az, Az', Op, ISC, H, M, S, ISC, Time, Res. Rows include EIDS, CTA, CTA, RTZ, BKZ, RPZ, STKA.

Table with columns: Code, Station Name, Az, Az', Op, ISC, H, M, S, ISC, Time, Res. Rows include WR8, WBO, WRA, WRA, WRA, AS31, AS31, ASAR.

Table with columns: Code, Station Name, Az, Az', Op, ISC, H, M, S, ISC, Time, Res. Rows include ASAR, ASAR, ASAR, ASAR, ASAR, ASAR, ASAR.

Table with columns: Code, Station Name, Az, Az', Op, ISC, H, M, S, ISC, Time, Res. Rows include ASAR, ASAR, ASAR, ASAR, ASAR, ASAR, ASAR.

BGR 31 21:02:02, 1.36°01N; 141.48E, h33km, mb4.8
BUJ 31 21:02:07, 1.36°20N; 140.40E, h90km, mb5.4/55, mb5.2/90
MOS 31 21:02:08, 1.36°26N; 140.41E, h91km, mb5.3/63,
MS4 6/16, Error ellipse: s-maj=6.2km s-min=3.6km

Table with columns: Code, Station Name, Az, Az', Op, ISC, H, M, S, ISC, Time, Res. Rows include az=114.4, NEIC 31 21:02:10, NEIC 31 21:02:10, IDC 31 21:01:11.

Table with columns: Code, Station Name, Az, Az', Op, ISC, H, M, S, ISC, Time, Res. Rows include JMA 31 21:02:11, JMA 31 21:02:11, NEIC 31 21:02:11.

Table with columns: Code, Station Name, Az, Az', Op, ISC, H, M, S, ISC, Time, Res. Rows include NEIC 31 21:02:11, PTWC 31 21:02:11, GCMT 31 21:02:12.

Table with columns: Code, Station Name, Az, Az', Op, ISC, H, M, S, ISC, Time, Res. Rows include JYT, JYT, JYT, JYT, JYT, JYT, JYT.

Table with columns: Code, Station Name, Az, Az', Op, ISC, H, M, S, ISC, Time, Res. Rows include JYT, JYT, JYT, JYT, JYT, JYT, JYT.

Table with columns: Code, Station Name, Az, Az', Op, ISC, H, M, S, ISC, Time, Res. Rows include JYT, JYT, JYT, JYT, JYT, JYT, JYT.

Table with columns: Code, Station Name, Az, Az', Op, ISC, H, M, S, ISC, Time, Res. Rows include JYT, JYT, JYT, JYT, JYT, JYT, JYT.

Table with columns: Code, Station Name, Az, Az', Op, ISC, H, M, S, ISC, Time, Res. Rows include MJAR, MAJO, MAJO, MAJO, MAJO, MAJO, MAJO.

31d 21h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Sasagawa, Nsakai, Takato, etc.

2020 MAY

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Tenmabayashi, Kasumi, Wakayamakushim, etc.

2078

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KLR, KLR, TYV, TYV, TYV, etc.

31d 21h

Table with columns: NRIK, Name, Value, Unit, Status, Date, and other metrics. Includes entries like Noril'sk, Tiguyukauiv M, Makanchi Array, etc.

2020 MAY

Table with columns: ID, Name, Value, Unit, Status, Date, and other metrics. Includes entries like Kuna River, Shalkode, Shalkode, etc.

2080

Table with columns: ID, Name, Value, Unit, Status, Date, and other metrics. Includes entries like Ishlaltina Cre, Bati, Bauma, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like DHY Denali Highway, BORK Borovoye, HDA Harding Lake, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LOGN Logan Glacier, YUK3 Moose Creek, E29M Blow River, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like A36M Sachs Harbour, HYB Hyderabad, N32M Quiet Lake, etc.

31d 22h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SCHQ Schefferville, 121A Cookes Peak, KEK Kerkira, etc.

2020 MAY

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DVP Devils Point, RTV Rentapao, MARNC Mare, etc.

2084

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, RAO Green Lake, MSVF Nonsavu, etc.

31d 23h

Table with columns for station call letters, frequency, mode, and other technical details. Includes stations like KAPI, KAPU, KAPV, etc.

2020 MAY

Table with columns for station call letters, frequency, mode, and other technical details. Includes stations like TPUB, SSBL, Suanglung, etc.

2088

Table with columns for station call letters, frequency, mode, and other technical details. Includes stations like KSAR, Wnju, Wnju, etc.

2089

Table with columns: ID, Name, Address, City, State, Zip, and various status indicators (P, I, A, M, B, S, etc.) for various locations like BEKR, GRAC, FURC, etc.

2020 MAY

Table with columns: ID, Name, Address, City, State, Zip, and various status indicators for locations like O15K, SUJ, MDJ, etc.

31d 23h

Table with columns: ID, Name, Address, City, State, Zip, and various status indicators for locations like MOIG, O18K, O18K, etc.

31d 23h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like ELK ELK, B105 B105, N18K N18K, etc.

2020 MAY

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like BMO BMO, E08A E08A, L18K L18K, etc.

2090

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like CRNM CRNM, SKT SKT, SKT SKT, etc.

2091

Table with columns for station call letters, frequency, power, and other technical data. Includes stations like BSUT, ANM, SCM, KLU, CRQM, PPLA, PECS, MT01, HWU7, HNS, LHM1, LHM2, PV01, K20K, LYN, PV22, PCA, PINM, ENH, H16K, GRNC, VRDI, N25K, MT02, R32K, GLB, BO04, BCY1, M24K, BJT, BJT, J19K, G15K, P29M, P29M, P29M, CAST.

2020 MAY

Table with columns for station call letters, frequency, power, and other technical data. Includes stations like CAST, BESE, WAT6, MCARA, MCARA, LOGN, MT05, WAT1, BARN, SAND, GYA, HTMS, MT03, RDMU, NEW, NEW, NEW, MT16, O28M, O28M, O28M, PEL, PEL, PEL, TNA, TNA, F14K, O29M, O29M, O29M, CPYR, MNH, KTH, H17K, H17K, H17K, TRF, TRF, TRF, T35M, T35M, T35M, CMIG, J20K, J20K, J20K, CHUM, CHUM, HARP, HARP, HARP, ECR, AHID, GCSA, GCSA, G16K, G16K, G16K, VA03, VA03, S22A, S22A, DHY, DHY, DHY, CO04, SKAG, SKAG, RND, RND, RND, MCMT, MT08, P30M, P30M.

31d 23h

Table with columns for station call letters, frequency, power, and other technical data. Includes stations like F15K, F15K, F15K, H18K, H18K, H18K, S34M, S34M, S34M, SEY, SEY, YUK8, YUK8, G17K, G17K, ODSA, ODSA, MCK, MCK, MCK, MCK, O20A, O20A, PAX, PAX, PAX, PAX, YUK6, YUK6, I20K, I20K, I20K, M26K, M26K, M26K, M26K, CO02, FXWY, DLMT, YUK3, YUK3, HYT, HYT, HYT, DRIO, DRIO, SNOW, SNOW, BRWY, BRWY, MSO, YUK4, BWN, Q32M, Q32M, Q32M, M27K, M27K, M27K, P32M, P32M, P32M, P32M, MOOW, LOHW, LOHW, MENT, MENT, MENT, H19K, H19K, H19K, CO03, CO03, CO03, CO05, LRM, L26K, L26K, Q30N, Q30N, G18K, G18K, G18K, BWO6, PD31, PDAR, PDAR, BVCY, BVCY.

31d 23h

Table with columns for ZAK, comp, pmax, pmax, and various station names like ZAK, TIXI, TIXI, etc.

2020 MAY

Table with columns for ARTI, 128.85 324, PKKPrpe, and various station names like ARTI, ARTI, ARTI, etc.

2094

Table with columns for SUE, 142.93 359, ePKPdf, and various station names like SUE, Sulem, Yereimino-Bor, etc.

Table with columns for station name, frequency, and various signal quality indicators (e.g., S/N, SNR, R, P, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z). Rows list stations like GHRR, BURAR, BUAR, etc., across the frequency range 150.64 to 152.60 MHz.

31d 23h

Table with columns: ESDC, comp, PKPab, PKPab, 23 46 21.3 +0.3, etc. Lists various station codes and their associated parameters.

CNRM 31 23:39:36.5, 35°58'N, 3°66'W, h31km, ML2.2
SFS 31 23:39:37.5, 35°53'N, 3°71'W, h0km, ML2.1/1, ML3.1/11, ML3.0/7

IGL 31 23:39:38.8, 35°50'N, 3°63'W, h1km
MDD 31 23:39:39.9, 0.4, 35°50'N, 3°63'W, h0km, mb_Lg2.5/16,
Error ellipse: s-maj=3.7km s-min=2.6km az=34.0

INMG 31 23:39:39.5, 1.1, 35°51'N, 3°73'W, h3km, ML1.9, Error
ellipse: s-maj=4.8km s-min=3.6km az=164.0

#DIST. RANGE: REGIONAL #IPMA REGION: Alboran
ISC 31 23:39:37.3, 1.7, 35°44'N, 0°02.3'61'W, 0.02, h18km, 5km,
n49, c1947/86, Strait of Gibraltar

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists stations from PALE to EIBI.

2020 MAY

Table with columns: EIBI, PSARD, PSBE, i/Vmb_Lg, 23 41 59.9, etc. Lists station codes and parameters.

IDC 31 23:58:60.0, 0.4, 27°62'N, 53°36'E, h0km, mb4.8/39,
mbmp4.8/45, ML4.1/6, MS4.3/32, Error ellipse:
s-maj=13.1km s-min=9.3km az=13.0

THR 31 23:59:01.3, 0.0, 27°79'N, 53°35'E, h10km, 7km, ML4.8,
Presumed earthquake

TEH 31 23:59:01.6, 2.7, 73°N, 53°33'E, h9km, 18km, ML4.7,
Presumed earthquake

NEIC 31 23:59:02.4, 1.4, 27°75'N, 0°06'53.32E, 0.07, h10km, 1km,
mb5.1/367, Mww4.9/11, Error ellipse: s-maj=10.9km
s-min=10.3km az=198.0

MOS 31 23:59:02.4, 0.9, 27°69'N, 53°31'E, h25km, mb5.1/96, Error
ellipse: s-maj=4.8km s-min=3.5km az=105.9

DSN 31 23:59:03.4, 0.5, 27°75'N, 53°35'E, h10km, mb5.4/2,
ML4.4/21, Error ellipse: s-maj=6.5km s-min=4.8km
az=21.0

Gll 31 23:59:03.7, 0.0, 27°75'N, 53°32'E, h0km, confirmed
OMAN 31 23:59:04.3, 0.6, 27°65'N, 53°36'E, h10km, mb4.4/16,
mL4.8/20, ms3.6/3, Error ellipse: s-maj=7.5km s-min=4.5km
az=12.0

BGR 31 23:59:22.3, 28°42'N, 50°86'E, h33km, mb4.8
ISC 31 23:59:02.1, 0.8, 27°73'N, 0°02.53'32E, 0.03, h11km, 4km,
n1069, c0999/1136, mb5.0/340, MS4.3/30, 10D, Southern
Iran

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists stations from KHLI to CHBR.

2096

Main station list table with columns: ZHFS, ZHSH, ZHSH, ZHSH, 6.81 72 ePn, etc. Lists stations from ZHFS to BR131.

2097

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like Keskin Array S, Borolday, Arkit, and others.

2020 MAY

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like TIRG Tirusor, SHLS Shalkode, TLRD Taldygorghan, and others.

31d 23h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like PSZ Piszkesteto, PSZ Piszkesteto, PSZ Piszkesteto, and others.

31d 23h

Table with columns for station name, frequency, power, and other technical details. Includes stations like LESA, RJOB, TEOL, etc.

2020 MAY

Table with columns for station name, frequency, power, and other technical details. Includes stations like ECH, ECHERY, OUL, etc.

2098

Table with columns for station name, frequency, power, and other technical details. Includes stations like MOL, BER, STOK, etc.

31d 23h

Table with columns: ID, Name, Elevation, Date, Time, Status, Change, and other details. Includes entries like H20K Anotleneega Mo, G25K Bearman Lake, F30M Barrier River, etc.

2020 MAY

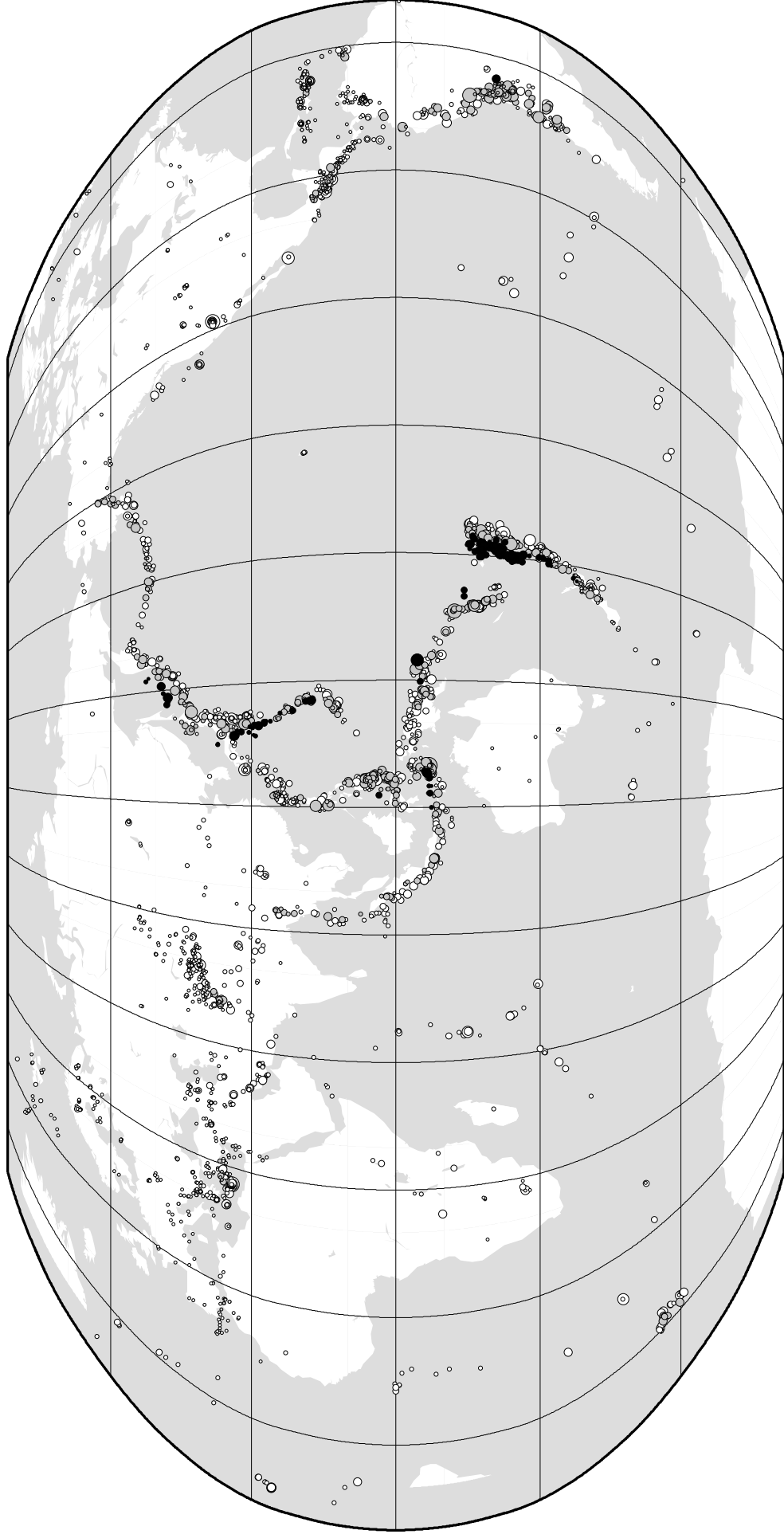
Table with columns: ID, Name, Elevation, Date, Time, Status, Change, and other details. Includes entries like WRH Wood River Hill, K20K Telida, BWN Brown, etc.

2100

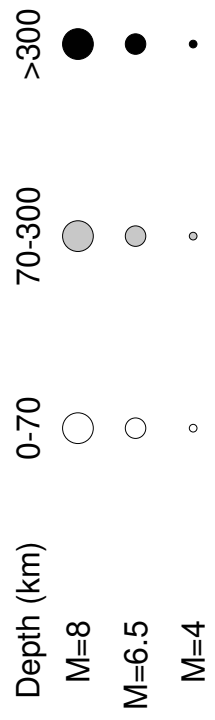
Table with columns: ID, Name, Elevation, Date, Time, Status, Change, and other details. Includes entries like N19K Bonanza Creek, N19K Bonanza Creek, HARP HAARP, etc.

S14K	Fog Glacier	91.77	18	P	P	00 12 09.8	-0.1
	<small>baz=350</small>						
FALS	False Pass	91.90	20	P	P	00 12 10.6	+0.3
	<small>baz=331</small>						
CHGN	Chignik	92.06	17	P	P	00 12 11.0	0.0
KDAK	Kodiak Island	92.08	14	P	P	00 12 11.5	+0.4
	<small>baz=333</small>						
P33M	Teslin, Yukon	92.24	3	P	P	00 12 12.8	+0.8
P33M	Teslin, Yukon	92.24	3	P	P	00 12 12.2	+0.2
	<small>baz=355</small>						
SDPT	Sand Point	92.34	19	P	P	00 12 11.5	-0.9
SDPT	Sand Point	92.34	19	P	P	00 12 12.6	+0.2
	<small>baz=330</small>						
YKU2	Yakutat	92.42	7	P	P	00 12 12.8	+0.2
VLDQ	Val d'Or	92.55	329	P	P	00 12 11.3	-2.2
VLDQ				IAmb	IAmb	00 12 16.0	
	<small>comp=Z,1.4nm,1.3s</small>						
ASAR	Alice Springs	92.97	115	P	P	00 12 15.6	-0.3
	<small>comp=Z,3.9nm,0.8s, baz=301,slow=4.3,SNR=26</small>						
	<small>comp=Z,3.9nm,0.8s</small>						
ASAR	Alice Springs	92.97	115	P	P	00 12 14.8	-1.0
AS31	Alice Springs	92.97	115	P	P	00 12 14.3	-1.5
CHIR	Chirikof Isian	93.19	16	P	P	00 12 16.7	+0.4
	<small>baz=335</small>						
Q32M	Nakina River	93.51	3	P	P	00 12 17.9	-0.1
	<small>baz=355</small>						
K62A	Royalston	93.88	323	P	P	00 12 20.5	+0.7
R32K	Eaglecrest	94.07	4	P	P	00 12 20.7	+0.3
	<small>baz=353</small>						
DLBC	Dease Lake	94.12	2	LR	LR	01 01 45.6	
	<small>comp=Z,1.95nm,18.9s, baz=270,slow=40</small>						
DLBC	Dease Lake	94.12	2	P	P	00 12 20.8	+0.2
	<small>baz=357</small>						
S31K	Pelican	94.26	5	P	P	00 12 21.3	+0.2
	<small>baz=352</small>						
S34M	Telegraph Cree	94.61	2	P	P	00 12 22.6	-0.2
S34M				IAmb	IAmb	00 14 20.1	
	<small>comp=Z,2.2nm,1.8s</small>						
S32K	Killisnoo	94.87	4	P	P	00 12 24.6	+0.7
S32K	Killisnoo	94.87	4	P	P	00 12 23.9	0.0
	<small>baz=353</small>						
FFC	Flin Flon	95.17	346	P	P	00 12 24.5	-0.9
FFC				IAmb	IAmb	00 12 26.3	
	<small>comp=Z,6.0nm,1.0s</small>						
FFC	Flin Flon	95.17	346	P	P	00 12 24.5	-0.9
FFC				pmax	pmax		
	<small>comp=Z,6.0nm,1.0s</small>						
SIT	Sitka	95.23	5	P	P	00 12 25.6	0.0
	<small>baz=352</small>						
MAW	Mawson	95.31	176	LR	LR	00 48 27.9	
	<small>comp=Z,1.74nm,20.7s, baz=25,slow=31</small>						
MEDO	Medina	95.70	327	P	P	00 12 32.1	-0.5
ULM	Lac du Bonnet	97.69	341	P	P	00 12 36.5	-0.5
	<small>comp=Z,2.8nm,0.8s, baz=8.9,slow=7.3,SNR=4.3</small>						
	<small>comp=Z,2.8nm,0.8s</small>						
ULM	Lac du Bonnet	97.69	341	P	Pdif	00 12 37.0	0.0
ULM				IAmb	IAmb	00 12 38.3	
	<small>comp=Z,4.3nm,1.0s</small>						
ULM	Lac du Bonnet	97.69	341	P	Pdif	00 12 37.0	0.0
ULM				pmax	pmax		
	<small>comp=Z,4.0nm,1.0s</small>						
PDAR	Pinedale Array	108.10	347	PP	PP	00 17 49.1	-2.8
	<small>comp=Z,0.7nm,0.7s, baz=344,slow=5.3,SNR=4.1</small>						
QSPA	South Pole Qui	117.58	180	PKP	PKIKP	00 17 47.5	0.0
	<small>comp=Z,6.3nm,0.9s, baz=270,slow=1.0,SNR=14</small>						
QSPA	South Pole Qui	117.58	180		PKPdif	00 17 47.2	-0.2
ALPN	Alpine	118.17	337		PKPdif	00 17 49.5	-0.5
CPUP	Villa Florida	119.00	254	PKP	PKPdif	00 17 49.5	-1.8
	<small>comp=Z,2.6nm,0.9s, baz=89,slow=1.9,SNR=4.4</small>						
TXAR	Lajitas Array	119.13	337	PKP	PKPdif	00 17 50.9	-0.9
	<small>comp=Z,0.5nm,0.8s, baz=171,slow=3.3,SNR=5.2</small>						
VNDA	Vanda	120.87	166	PKP	PKPdif	00 17 53.0	-0.4
	<small>comp=Z,0.7nm,0.9s, baz=274,slow=5.4,SNR=3.4</small>						
LPAZ	La Paz	124.98	269	PKP	PKPdif	00 18 03.5	-0.3
	<small>comp=Z,2.0nm,0.8s, baz=88,slow=2.8,SNR=11</small>						
LPAZ	La Paz	124.98	269		PKIKP	00 18 04.0	-0.1
LPAZ	La Paz	124.98	269	PKIKP	PKIKP	00 18 04.0	-0.1
OTAV	Otavaio	126.06	293	PKIKP	PKIKP	00 18 07.1	+0.8
AC02	Mariungga	129.26	257		PKPdif	00 18 11.7	+0.1
PLCA	Paso Flores	132.56	239	PKP	PKPdif	00 18 17.4	+0.5
	<small>comp=Z,1.4nm,0.6s, baz=29,slow=6.7,SNR=4.3</small>						

ISC Computed Locations for May 2020



Robinson Projection, centred on 0°N,130°E



3767 Events