

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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Epical estimates

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

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

Error Ellipses - The keywords have been shortened.

Observational Data

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

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

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

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

Station magnitude estimate - computed by the ISC.

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

Addendum II

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

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

Addendum III

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

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

IDC 01 00:13:44.2.2.1, 27.28N:56.65E, h0km, mb3.7/15, mbtmp3.7/16, ML3.5/1, Error ellipse: s-maj=48.5km s-min=17.6km az=166.0
 DSN 01 00:13:46.7.0.9, 27.45N:56.81E, h10km, ML3.5/18, Error ellipse: s-maj=14.1km s-min=8.0km az=107.0
 TEH 01 00:13:48.5.2.7, 26.36N:56.74E, h20km, 12km, ML3.7, Presumed earthquake

OMAN 01 00:13:50.3.0.1, 27.25N:56.71E, h13km, mb3.8/6, mb3.6/23, Error ellipse: s-maj=1.4km s-min=0.9km az=3.0
 ISC 01 00:14:10.0.0.3, 27.41N:56.72E, 0.04, h29km, 7km, m8.5, r141/100, mb3.9/19, Southern Iran

Code	Station Name	A°	AZ°	Op	ISC	Time	Res
IBND	Bandar-Abbas	0.16	283	Pg	Pb	00 13 53.7	-1.2
GENO	Geno	0.48	269	Pg	Pb	00 13 58.8	-0.6
BNSD	Bandar-Abbas	0.48	269	Pg	Pb	00 13 59.1	-0.3
KHJN	Kahmooj	1.03	58	Pg	Pb	00 14 07.9	-0.5
SHME	Shamm	1.45	201	eP	Pb	00 14 14.2	-1.4
SHME	Shamm	1.45	201	S	Sb	00 14 34.8	+1.2
SHME	Shamm	1.45	201	P	Pb	00 14 15.0	-0.6
SHME	Banah	1.53	194	eP	Sb	00 14 35.0	+1.4
BANOM	Banah	1.53	194	S	Sb	00 14 15.4	-1.5
BANOM	Banah	1.53	194	S	Sb	00 14 36.5	+0.6
BANOM	Banah	1.53	194	S	Sb	00 14 15.3	-1.0
MASF	Masafi	2.09	194	P	Sb	00 14 36.6	+0.7
UMQ	Um Al-Quwain	2.10	207	P	Pb	00 14 24.2	-2.4
MSFE	Esma-Masafi	2.10	207	eP	Pb	00 14 24.5	-2.1
MDH	Madha	2.14	190	P	Pn	00 14 23.4	+1.0
MDH	Madha	2.14	190	P	Pn	00 14 22.9	0.0
MDH	Madha	2.14	190	P	Pn	00 14 23.3	+0.5
MDH	Madha	2.14	190	S	Sn	00 14 49.3	+0.8
NGRK	Negar Kerman	2.22	0	Ph	Pb	00 14 27.0	-2.0
KBAM	BAM	2.30	41	Pn	Pb	00 14 27.8	-2.3
UOSS	Minazif	2.50	191	eP	Pb	00 14 28.6	+0.7
UOSS	Minazif	2.50	191	P	Pb	00 14 31.4	-2.0
CHMN	Cheshme madani	2.54	16	Ph	Pb	00 14 32.0	-2.4
NAZ	Nazwa, Dubai	2.59	202	eP	Pb	00 14 30.9	+1.8
NAZ	Nazwa, Dubai	2.59	202	P	Pb	00 14 31.3	-3.7
HATD	Hatta, Dubai	2.63	192	eP	Pb	00 14 30.4	+0.7
HATD	Hatta, Dubai	2.63	192	P	Pn	00 14 31.0	+1.4
ASHO	Ashiyah	2.78	192	eP	Pb	00 14 33.3	+1.5
ASHO	Ashiyah	2.78	192	P	Pn	00 14 33.5	+1.7
FAQ	Al Faqa, Dubai	2.84	201	eP	Pb	00 14 34.3	+1.7
FAQ	Al Faqa, Dubai	2.84	201	P	Pn	00 14 34.5	+1.9
KHGB	Koh Gabri	2.96	356	Ph	Pb	00 14 37.4	+2.9
ASUD	Al Ashush, Dub	3.04	205	P	Pn	00 14 37.3	+2.0
ASUD	Al Ashush, Dub	3.04	205	P	Pn	00 14 37.8	+2.4
KHLI	Khalili_Fars	3.04	275	P	Pn	00 14 37.9	+2.6
AJN	Ajban	3.24	209	P	Pn	00 14 38.6	+0.6
AJN	Ajban	3.24	209	P	Pn	00 14 39.9	+1.9
AJN	Ajban	3.24	209	P	Pn	00 15 16.2	+0.6
SOHO	SOHO	3.27	183	P	Sn	00 14 37.8	-0.7
SOHO	SOHO	3.27	183	P	Pn	00 14 38.2	-0.2
QIR1	Qir	3.42	289	Ph	Pb	00 14 42.7	+2.1
ALNE	Al Ain	3.45	195	iP	Pb	00 14 41.9	+0.9
ALNE	Al Ain	3.45	195	P	Pn	00 14 42.9	+1.8
CHBR	Chabahar	3.83	117	Ph	Pb	00 14 47.3	+1.2
HOQ	Hoqain	3.85	172	P	Pn	00 14 47.3	+0.8
HOQ	Hoqain	3.85	172	S	Sn	00 15 32.6	+1.8
ARQ	Araqi	4.06	183	P	Pn	00 14 51.3	+1.9
BIDO	Bidbid	4.08	161	P	Pn	00 14 49.8	+0.1
BIDO	Bidbid	4.08	161	S	Sn	00 15 35.8	-0.6
IBAF	Bafgh	4.28	347	Ph	Pb	00 14 55.0	+2.4
IMEH	Mehriz	4.37	336	Pn	Pb	00 14 56.5	+2.7
MZWR	Madinat Zayed	4.45	216	P	Sn	00 14 56.1	+1.4
MZWR	Madinat Zayed	4.45	216	S	Sn	00 15 45.5	0.0
NGCH	Negar - Chabah	4.46	116	P	Pn	00 14 56.6	+1.8
NGCH	Negar - Chabah	4.46	116	S	Sn	00 15 48.0	+2.3
NGCH	Negar - Chabah	4.46	116	Ph	Pb	00 14 56.4	+1.5
SMDO	Samad	4.54	164	P	Pn	00 14 56.4	+0.9
BSMO	Bisya	4.67	175	P	Sn	00 15 47.3	+0.4
BSMO	Bisya	4.67	175	S	Sn	00 14 60.0	+2.2
UMZA	Um Al Zommool	4.89	197	P	Pn	00 15 00.8	+0.1
JMDO	Jabal Madar	5.18	166	P	Pn	00 15 06.3	+1.6
JMDO	Jabal Madar	5.18	166	S	Sn	00 16 04.6	+1.1
WBK	Wadi Bani Khal	5.20	156	P	Pn	00 15 05.5	+0.4
WBK	Wadi Bani Khal	5.20	156	S	Sn	00 16 04.4	+0.3
MZR	Muzera	5.28	214	iP	Pb	00 15 06.3	+0.1
MZR	Muzera	5.28	214	P	Pn	00 15 07.3	+1.1
MZR	Muzera	5.28	214	S	Sn	00 16 06.5	+0.5
IKOO	Kooshah	5.38	21	Ph	Pb	00 15 10.4	+2.8
TRNA	Turayna	5.62	243	P	Pn	00 15 10.9	+0.2
JLJN	Jalan Bani Buh	5.78	154	P	Pn	00 15 13.3	+0.2
SMRA	Abu-Samra	5.93	245	P	Pn	00 15 16.2	+1.3
MHTO	MHTO	6.50	170	P	Sn	00 15 24.4	+1.5
MHTO	MHTO	6.50	170	S	Sn	00 16 36.4	+0.3
DQM	DQM	7.49	174	P	Pn	00 15 37.8	+1.3
DQM	DQM	7.49	174	P	Pn	00 15 57.7	-0.5
SHAQ	Shalim	9.04	186	iP	Pb	00 16 03.0	+0.3
DMTO	DMTO	9.79	190	P	Pn	00 16 07.6	-0.5
WHFO	Wadi Hawf	9.83	197	P	Pn	00 16 09.0	+0.3
ASF	Jabal al Asfar	17.84	290	P	Pn	00 17 52.9	-2.4
ASF	Jabal al Asfar	17.84	290	P	Pn	00 18 31.4	+1.2
AAK	Ala-Archa	20.98	39	P	Pn	00 18 49.5	+0.5
AAK	Ala-Archa	20.98	39	P	Pn	00 19 33.3	+0.1
BRTR	Keskin Array B	22.74	309	P	Pn	00 19 36.1	-0.6
BRTR	Keskin Array B	22.74	309	P	Pn	00 19 43.5	+0.5
BVAR	Borovoye Array	27.54	18	P	Pn	00 19 36.1	-0.6
BVAR	Borovoye Array	27.54	18	P	Pn	00 19 36.1	-0.6
MKAR	Makanchi Array	27.91	39	P	Pn	00 19 43.1	+1.2
MKAR	Makanchi Array	27.91	39	P	Pn	00 19 43.1	+1.2
KURBB	Kurchatov Arra	28.51	30	P	Pn	00 19 43.1	+1.2
KURBB	Kurchatov Arra	28.51	30	P	Pn	00 19 43.1	+1.2
AKASG	Malin Array Be	31.25	326	P	Pn	00 20 06.3	+0.1
ZALV	Zalesov Beam	33.60	30	P	Pn	00 20 27.4	+0.7
ZALV	Zalesov Beam	33.60	30	P	Pn	00 21 15.9	-0.1
GERES	GERESS Array B	39.36	315	P	Pn	00 21 18.9	+0.1
GERES	GERESS Array B	39.36	315	P	Pn	00 21 18.9	+0.1
FINES	FINESS Array B	39.72	337	P	Pn	00 21 23.5	-0.3
FINES	FINESS Array B	39.72	337	P	Pn	00 21 23.5	-0.3
WTTA	Wattenberg	40.28	312	iP	Pb	00 21 23.6	-0.6
WTTA	Wattenberg	40.28	312	P	Pn	00 21 25.7	-0.4
WATA	Walderalm	40.34	312	iP	Pb	00 21 28.2	-0.2
WATA	Walderalm	40.34	312	P	Pn	00 21 28.0	-0.9
SQTA	Sankt Quirin	40.56	311	iP	Pb	00 21 28.0	-0.9
SQTA	Sankt Quirin	40.56	311	P	Pn	00 21 28.0	-0.9
FETA	Feichten	40.84	311	iP	Pb	00 21 28.0	-0.9
FETA	Feichten	40.84	311	P	Pn	00 21 28.0	-0.9
RETA	Reutte	40.91	312	iP	Pb	00 21 28.0	-0.9
RETA	Reutte	40.91	312	P	Pn	00 21 28.0	-0.9

DAVA	Damuels	41.46	311	iP	P	00 21 33.1	-0.4
DAVA	Damuels	41.46	311	P	Pn	00 21 51.4	+1.8
SOMN	Songino Array	43.45	48	P	Pn	00 21 52.1	0.0
SOMN	Songino Array	43.45	48	P	Pn	00 22 47.0	-0.4
HFS	Hofmann	43.80	30	P	Pn	00 22 49.3	-0.4
HFS	Hofmann	43.80	30	P	Pn	00 23 03.7	-1.0
EKA	Eskdalemuir Ar	50.89	320	P	Pn	00 26 27.5	-0.4
EKA	Eskdalemuir Ar	50.89	320	P	Pn	00 22 49.3	-0.4
ESDC	Sonessa Array	51.16	300	P	Pn	00 22 49.3	-0.4
ESDC	Sonessa Array	51.16	300	P	Pn	00 23 03.7	-1.0
TORD	Or. Bea	53.13	266	P	Pn	00 26 27.5	-0.4
TORD	Or. Bea	53.13	266	P	Pn	00 26 27.5	-0.4
ILAR	Elsnoe Array	86.29	10	P	Pn	00 26 27.5	-0.4
ILAR	Elsnoe Array	86.29	10	P	Pn	00 26 27.5	-0.4

MOS 01 00:28:20.5.0.9, 5.32S:152.43E, h58km, mb5.0/24, Error ellipse: s-maj=11.4km s-min=8.1km az=79.7
 IDC 01 00:28:20.4.2.3, 5.30S:152.47E, h43km, 20km, mb4.4/22, mbtmp4.6/24, ML3.3/2, MS4.1/41, Error ellipse: s-maj=15.9km s-min=11.1km az=115.0
 NEIC 01 00:28:20.3.1.6, 5.33S:0.07x152.6E:0.1, h40km, 6km, mb5.1/171, Error ellipse: s-maj=15.2km s-min=9.9km az=98.0
 DJA 01 00:28:20.4.0.5, 5.3S:151.3E, h44km, 5km, M5.3/29, mb5.0/29, mb5.4/5, MLV5.7/1, MW(mB)4.8/5
 BUJ 01 00:28:21.0.5, 4.05S:152.50E, h60km, mb5.2/7, mb4.7/42, MS4.7/2, MS7.4/5/13
 GCMT 01 00:28:22.0.3.5, 5.46S:0.02x152.59E:0.02, h31km, 1km, MW:0.06, Moment Tensor Solution, s33,c36, s86,c118; Durations: 0. Moment tensor: Scale 10^16Nm; Mr=1.66e18; Mw=1.27e11; Mm=2.92e12; Mn=2.01e21; Mo=1.01e09; Ms=0.57e17; Best double couple: M3:314200x10^16 NP1=327.00000°, s58.00000°, -35.00000°. NP2: s38.00000°, s61.00000°, -13.00000°. Principal axes: P 3.1540, Pg2.0000°, Azm102.0000°; N 0.5060, Pg4.0000°, Azm11.0000°; P -3.6690, Pg46.0000°, Azm194.0000°. nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 01 00:28:20.8.0.5, 5.36S:0.05x152.53E:0.05, h45km, 3km, h45km:pp-P, n340, 1572/281, mb5.0/147, MS4.1/44, 1C, New Britain region

Code	Station Name	A°	AZ°	Op	ISC	Time	Res
RABL	Rabaul	1.22	343	Pn	Pn	00 28 40.6	+0.8
MANU	Manus Island	6.12	302	P	Pn	00 29 51.5	+2.8
PMG	Port Moresby	6.67	233	P	Pn	00 29 57.5	+1.2
PMG	Port Moresby	6.67	233	S	Sn	00 31 10.5	-0.6
PMG	Port Moresby	6.67	233	Ph	Pb	00 29 56.7	+0.4
PMG	Port Moresby	6.67	233	P	Pn	00 29 58.2	+1.9
PMG	Port Moresby	6.67	233	P	Pn	00 29 57.3	+1.0
PMG	Port Moresby	6.67	233	P	Pn	00 29 56.7	+0.4
PMG	Port Moresby	6.67	233	S	Sn	00 31 13.3	+2.2
PMG	Port Moresby	6.67	233	P	Pn	00 29 58.0	+1.7
TATA	Tatambua Isabel	7.82	113	P	Pn	00 30 10.0	+0.9
SAVO	Savo Central	8.15	118	P	Pn	00 30 19.8	+3.2
NGOA	Tingoa Renbel	9.66	130	P	Pn	00 30 41.0	+3.7
MMPI	Melike	12.45	255	P	Pn	00 31 18.2	+1.2
COEN	Coen	12.57	227	P	Pn	00 31 17.6	+0.5
COEN	Coen	12.57	227	Ph	Pb	00 31 18.7	+1.6
COEN	Coen	12.57	227	P	Pn	00 31 17.8	-0.2
GENI	Genyem	16.27	282	P	Pn	00 31 38.2	-1.0
SMPI	Sarmi	14.19	283	P	Pn	00 31 52.4	+2.2
MTSU	Mount Surprise	15.02	212	P	Pn	00 31 57.5	+2.6
MTSU	Mount Surprise	15.02	212	P	Pn	00 32 02.0	+0.9
CTA	Charters Tower	15.86	202	P	Pn	00 32 02.8	+1.7
CTA	Charters Tower	15.86	202	P	Pn	00 32 02.8	+1.7
CTA	Charters Tower	15.86	202	P	Pn	00 32 22.6	-0.4
CTA	Charters Tower	15.86	202	P	Pn	00 32 25.0	0.0
CTA	Charters Tower	15.86	202	P	Pn	00 32 46.7	+0.8
QIS	Mount Isa	19.64	219	P	P		

1d 0h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HILR, KIWB, MA2, BRDH, etc.

2020 JAN

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SML, MAKZ, TRF, BPAW, etc.

2

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

RSPR 01:01:06:34.0,17:91N:66:91W,h5km,3C-3D,Puerto Rico region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like GBPR Guanica, Bosqu, MLPRP Magueyes Islan, etc.

IDC 01:01:08:53.9,0.5,32.24N:138.27E,h317km,4km,mb4.0/28, mbmp4.7/33, Error ellipse: s-maj=10.1km s-min=7.5km az=70.0

NIED 01:01:08:53.2,32.30N,138.46E,h338km,MW4.4,Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm

JMA 01:01:08:53.2,0.5,32.24N:138.27E,h338km,4km,MV4.3/37, FAR S OFF TOKAI DISTRICT

MOS 01:01:08:54.5,0.9,32.28N:138.24E,h337km,mb4.5/50, Error ellipse: s-maj=9.3km s-min=4.8km az=116.2

NEIC 01:01:08:54.7,1.3,32.29N:138.33E,0.0E, h321km,3km,mb4.5/93, Error ellipse: s-maj=11.5km s-min=9.3km az=143.0

ISC 01:01:08:54.8,0.5,32.23N:138.32E,0.04,h327km,4km, h304,0.98N/336,mb4.4/105,7C-20D,Southeast of Honshu

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations including Aogashimamukai, Hachiojima, Mitsune, etc.

Station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like HIA Hailar, HILR Hatay, ZEA Zeya, etc.

Station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Uchtor, Meade River, Warrunganga Arr, etc.

YKA	comp=Z,1.2nm,1.3s Yellowknife Ar comp=Z,1.0nm,0.7s	69.17 28 P	P	01 19 26.7 +0.5
YKA	comp=Z,1.0nm,0.7s Yellowknife Ar	69.17 28 P	P	01 19 26.1 -0.2
YKA	comp=Z,1.0nm,0.7s Yellowknife Ar	69.17 28 P	P	01 19 27.0 +0.8
YKA	comp=Z,1.0nm,0.6s Novokhopovsk	69.38 318 eP	P	01 19 26.0 -1.7
YKA	comp=Z,1.0nm,0.6s Novokhopovsk	69.38 318 eP	P	01 19 26.0 -1.7
LPSR	comp=Z,1.0nm,0.9s Galich'ya Gora	70.30 320 eP	P	01 19 31.1 -2.1
LPSR	comp=Z,1.0nm,0.9s Galich'ya Gora	70.30 320 eP	P	01 19 31.1 -2.1
LKRK	comp=Z,1.0nm,0.9s Shenkar, Azer	70.33 304 P	P	01 19 34.6 +0.9
SEKA	comp=Z,1.0nm,0.9s Shenkar	70.33 307 P	P	01 19 33.6 -0.2
OBN	comp=Z,1.0nm,0.9s Obninsk	70.35 323 eP	P	01 19 34.2 +0.7
OBN	comp=Z,1.0nm,0.9s Obninsk	70.35 323 eP	P	01 19 34.2 +0.7
OBN	comp=Z,1.0nm,0.9s Obninsk	70.35 323 eP	P	01 19 34.2 +0.7
OBN	comp=Z,1.0nm,0.9s Obninsk	70.35 323 eP	P	01 19 34.2 +0.7
MNGR	comp=Z,5.0nm,1.0s Mingechevir, A	70.60 306 P	P	01 19 36.0 +0.7
VSR	comp=Z,5.0nm,1.0s Storozhevoye	70.81 319 eP	P	01 19 34.4 -1.9
VSR	comp=Z,5.0nm,1.0s Storozhevoye	70.81 319 eP	P	01 19 34.4 -1.9
VORD	comp=Z,7.0nm,0.9s Divnogorie	70.85 319 eP	P	01 19 34.9 -1.7
VORD	comp=Z,7.0nm,0.9s Divnogorie	70.85 319 eP	P	01 19 34.9 -1.7
GANJ	comp=Z,7.0nm,0.9s Ganja	71.18 307 P	P	01 19 39.3 +0.5
LLBL	comp=Z,7.0nm,0.9s Lilloet	71.45 41 P	P	01 19 41.5 +1.2
LLBL	comp=Z,7.0nm,0.9s Lilloet	71.45 41 P	P	01 19 41.5 +1.2
FIAT	comp=Z,7.9nm,0.9s FINES Array S	71.80 332 P	P	01 19 41.7 -0.3
FINES	comp=Z,7.9nm,0.9s FINES Array S	71.80 332 P	P	01 19 41.7 -0.3
FINES	comp=Z,4.4nm,0.4s FINES Array B	71.80 332 P	P	01 19 41.5 -0.1
FINES	comp=Z,4.4nm,0.4s FINES Array B	71.80 332 P	P	01 19 41.5 -0.1
FINES	comp=Z,4.4nm,0.4s FINES Array B	71.80 332 P	P	01 19 42.0 0.0
FINES	comp=Z,4.4nm,0.4s FINES Array B	71.80 332 P	P	01 19 42.0 0.0
KBZ	comp=Z,4.0nm,0.4s Khabaz	72.04 311 P	P	01 19 44.3 +0.6
KBZ	comp=Z,4.0nm,0.4s Khabaz	72.04 311 P	P	01 19 44.3 +0.6
KBZ	comp=Z,4.0nm,0.4s Khabaz	72.04 311 P	P	01 19 45.0 +1.2
KBZ	comp=Z,4.0nm,0.4s Khabaz	72.04 311 P	P	01 19 45.0 +1.2
KIV	comp=Z,1.6nm,0.9s Kislovodsk	72.07 311 eP	P	01 19 44.4 +0.3
KIV	comp=Z,1.6nm,0.9s Kislovodsk	72.07 311 eP	P	01 19 43.4 -0.7
KIV	comp=Z,1.6nm,0.9s Kislovodsk	72.07 311 eP	P	01 19 44.4 +0.3
KIV	comp=Z,1.6nm,0.9s Kislovodsk	72.07 311 eP	P	01 19 43.4 -0.7
SHA1	comp=Z,2.5nm,1.1s Shidzhatmaz	72.19 311 P	P	01 19 46.2 +1.2
NAX	comp=Z,2.5nm,1.1s Nakhchivan	72.41 305 P	P	01 19 46.7 +0.5
GURO	comp=Z,2.5nm,1.1s Guroymak-BITLI	75.08 306 P	P	01 20 01.3 -0.4
GURO	comp=Z,2.5nm,1.1s Guroymak-BITLI	75.08 306 P	P	01 20 03.7
AKASG	comp=Z,2.7nm,0.8s Malin Array Be	76.45 322 P	P	01 20 08.6 -0.3
AKASG	comp=Z,2.7nm,0.8s Malin Array Be	76.45 322 P	P	01 20 08.6 -0.3
AKASG	comp=Z,2.7nm,0.8s Malin Array Be	76.45 322 P	P	01 20 08.8 -0.1
AKASG	comp=Z,2.7nm,0.8s Malin Array Be	76.45 322 P	P	01 20 08.8 -0.1
AKASG	comp=Z,2.7nm,0.8s Malin Array Be	76.45 322 P	P	01 20 08.8 -0.1
AKASG	comp=Z,2.7nm,0.8s Malin Array Be	76.45 322 P	P	01 20 08.8 -0.1
AKBB	comp=Z,4.0nm,0.4s Malin Array Si	76.45 322 P	P	01 20 08.8 -0.1
AKBB	comp=Z,4.0nm,0.4s Malin Array Si	76.45 322 P	P	01 20 08.8 -0.1
AKBB	comp=Z,4.0nm,0.4s Malin Array Si	76.45 322 P	P	01 20 09.2 +0.3
AKBB	comp=Z,4.0nm,0.4s Malin Array Si	76.45 322 P	P	01 20 09.2 +0.3
KIEV	comp=Z,7.0nm,0.9s Kiev	76.46 322 P	P	01 20 08.6 -0.4
KIEV	comp=Z,7.0nm,0.9s Kiev	76.46 322 P	P	01 20 08.6 -0.4
KIEV	comp=Z,7.0nm,0.9s Kiev	76.46 322 P	P	01 20 08.6 -0.4
KIEV	comp=Z,7.0nm,0.9s Kiev	76.46 322 P	P	01 20 08.6 -0.4
MARD	comp=Z,10.0nm,0.5s Mardin	76.56 306 P	P	01 20 10.3 +0.4
MARD	comp=Z,10.0nm,0.5s Mardin	76.56 306 P	P	01 20 11.5
BMO	comp=Z,8.8nm,0.7s Blue Mountains	77.04 45 P	P	01 20 13.4 +0.9
BMO	comp=Z,8.8nm,0.7s Blue Mountains	77.04 45 P	P	01 20 14.9
BMO	comp=Z,8.8nm,0.7s Blue Mountains	77.04 45 P	P	01 20 13.4 +0.9
BMO	comp=Z,8.8nm,0.7s Blue Mountains	77.04 45 P	P	01 20 13.4 +0.9
ORV	comp=Z,7.0nm,1.2s Orovile	77.20 51 P	P	01 20 13.8 +0.5
ORV	comp=Z,7.0nm,1.2s Orovile	77.20 51 P	P	01 20 13.8 +0.5
ORV	comp=Z,7.0nm,1.2s Orovile	77.20 51 P	P	01 20 13.8 +0.5
ORV	comp=Z,7.0nm,1.2s Orovile	77.20 51 P	P	01 20 13.8 +0.5
NC405	comp=Z,5.0nm,1.3s NORSAR Array S	77.31 336 P	P	01 20 13.5 0.0
NC405	comp=Z,5.0nm,1.3s NORSAR Array S	77.31 336 P	P	01 20 13.5 0.0
NC405	comp=Z,5.0nm,1.3s NORSAR Array S	77.31 336 P	P	01 20 13.5 0.0
NC405	comp=Z,5.0nm,1.3s NORSAR Array S	77.31 336 P	P	01 20 13.5 0.0
NB2	comp=Z,3.1nm,0.6s NORSAR Subarray	77.53 337 P	P	01 20 14.4 -0.3
NB2	comp=Z,3.1nm,0.6s NORSAR Subarray	77.53 337 P	P	01 20 14.4 -0.3
NOA	comp=Z,2.1nm,0.6s NORSAR Array B	77.53 337 P	P	01 20 14.5 -0.3
NOA	comp=Z,2.1nm,0.6s NORSAR Array B	77.53 337 P	P	01 20 14.5 -0.3
HIZ	comp=Z,2.9nm,0.6s Haiti	78.23 152 P	P	01 20 20.1 +1.4
CMB	comp=Z,2.9nm,0.6s Columbia Colle	78.74 52 P	P	01 20 22.4 +0.6
CMB	comp=Z,2.9nm,0.6s Columbia Colle	78.74 52 P	P	01 20 22.4 +0.6
CMB	comp=Z,2.9nm,0.6s Columbia Colle	78.74 52 P	P	01 20 22.4 +0.6
CMB	comp=Z,2.9nm,0.6s Columbia Colle	78.74 52 P	P	01 20 22.4 +0.6
BKZ	comp=Z,3.0nm,0.6s Black Summit Fm	79.45 151 P	P	01 20 25.4 +0.1
NVAR	comp=Z,3.0nm,0.6s Mina Array Bea	79.50 51 P	P	01 20 29.6 +1.4
NVAR	comp=Z,3.0nm,0.6s Mina Array Bea	79.50 51 P	P	01 20 29.6 +1.4
NVAR	comp=Z,3.0nm,0.6s Mina Array Bea	79.50 51 P	P	01 20 29.0 +0.7
NVAR	comp=Z,3.0nm,0.6s Mina Array Bea	80.03 311 P	P	01 20 28.8 0.0
BR131	comp=Z,7.4nm,0.9s Keskin Array B	80.03 311 P	P	01 20 28.8 0.0
BR131	comp=Z,7.4nm,0.9s Keskin Array B	80.03 311 P	P	01 20 28.8 0.0
BR131	comp=Z,7.4nm,0.9s Keskin Array B	80.03 311 P	P	01 20 28.8 0.0
BR131	comp=Z,7.4nm,0.9s Keskin Array B	80.03 311 P	P	01 20 28.8 0.0
BR131	comp=Z,7.4nm,0.9s Keskin Array B	80.03 311 P	P	01 20 28.8 0.0
BR131	comp=Z,7.4nm,0.9s Keskin Array B	80.03 311 P	P	01 20 28.8 0.0
BRTR	comp=Z,5.7nm,0.8s Keskin Array B	80.03 311 P	P	01 20 29.1 +0.2
RAYN	comp=Z,5.7nm,0.8s Ar Rayn	80.04 291 P	P	01 20 28.9 -0.2
RAYN	comp=Z,5.7nm,0.8s Ar Rayn	80.04 291 P	P	01 20 28.9 -0.2
RAYN	comp=Z,5.7nm,0.8s Ar Rayn	80.04 291 P	P	01 20 28.9 -0.2
RAYN	comp=Z,5.7nm,0.8s Ar Rayn	80.04 291 P	P	01 20 28.9 -0.2
RAYN	comp=Z,5.7nm,0.8s Ar Rayn	80.04 291 P	P	01 20 28.9 -0.2
RAYN	comp=Z,5.7nm,0.8s Ar Rayn	80.04 291 P	P	01 20 28.9 -0.2
BURAR	comp=Z,8.0nm,0.6s Bucovina Arr	80.40 321 P	P	01 20 30.9 +0.4
ANTO	comp=Z,8.0nm,0.6s Ankara	80.50 311 P	P	01 20 30.6 -0.6
ANTO	comp=Z,8.0nm,0.6s Ankara	80.50 311 P	P	01 20 30.6 -0.6
ANTO	comp=Z,8.0nm,0.6s Ankara	80.50 311 P	P	01 20 30.6 -0.6
ANTO	comp=Z,8.0nm,0.6s Ankara	80.50 311 P	P	01 20 30.6 -0.6
ANTO	comp=Z,8.0nm,0.6s Ankara	80.50 311 P	P	01 20 30.6 -0.6
ANTO	comp=Z,8.0nm,0.6s Ankara	80.50 311 P	P	01 20 30.6 -0.6
ELK	comp=Z,9.0nm,0.8s Elko	80.58 48 P	P	01 20 33.2 +1.4
ELK	comp=Z,9.0nm,0.8s Elko	80.58 48 P	P	01 20 33.2 +1.4
ELK	comp=Z,9.0nm,0.8s Elko	80.58 48 P	P	01 20 33.2 +1.4
ELK	comp=Z,9.0nm,0.8s Elko	80.58 48 P	P	01 20 33.2 +1.4
ELK	comp=Z,9.0nm,0.8s Elko	80.58 48 P	P	01 20 33.2 +1.4
HVU	comp=Z,6.0nm,1.3s Hansel Valley	81.50 46 P	P	01 20 37.9 +1.3
HVU	comp=Z,6.0nm,1.3s Hansel Valley	81.50 46 P	P	01 20 39.2
HVU	comp=Z,6.0nm,1.3s Hansel Valley	81.50 46 P	P	01 20 37.9 +1.3
HVU	comp=Z,6.0nm,1.3s Hansel Valley	81.50 46 P	P	01 20 37.9 +1.3
TPNV	comp=Z,3.3nm,0.7s Topopah Spring	82.08 51 P	P	01 20 40.4 +0.7
TPNV	comp=Z,3.3nm,0.7s Topopah Spring	82.08 51 P	P	01 20 41.3
TPNV	comp=Z,3.3nm,0.7s Topopah Spring	82.08 51 P	P	01 20 40.4 +0.7
TPNV	comp=Z,3.3nm,0.7s Topopah Spring	82.08 51 P	P	01 20 40.4 +0.7
TPNV	comp=Z,3.3nm,0.7s Topopah Spring	82.08 51 P	P	01 20 40.4 +0.7
DUG	comp=Z,3.0nm,0.7s Dugway, Tootee	82.41 47 P	P	01 20 43.0 +1.7
DUG	comp=Z,3.0nm,0.7s Dugway, Tootee	82.41 47 P	P	01 20 43.0 +1.7
PDAR	comp=Z,5.0nm,0.9s Pinedale Arra	82.82 43 P	P	01 20 44.1 +0.7
PDAR	comp=Z,5.0nm,0.9s Pinedale Arra	82.82 43 P	P	01 20 44.1 +0.7
PDAR	comp=Z,5.0nm,0.9s Pinedale Arra	82.82 43 P	P	01 20 44.5 0.0
MORC	comp=Z,2.1nm,0.8s Moravsky Berou	82.88 326 P	P	01 21 20.2 0.0
MORC	comp=Z,2.1nm,0.8s Moravsky Berou	82.88 326 P	P	01 21 20.2 0.0
MORC	comp=Z,2.1nm,0.8s Moravsky Berou	82.88 326 P	P	01 20 43.3 0.0
MORC	comp=Z,2.1nm,0.8s Moravsky Berou	82.88 326 P	P	01 20 43.3 0.0
MORC	comp=Z,2.1nm,0.8s Moravsky Berou	82.88 326 P	P	01 20 43.3 0.0
MORC	comp=Z,2.1nm,0.8s Moravsky Berou	82.88 326 P	P	01 20 43.3 0.0
CSS	comp=Z,8.9nm,1.4s Mathias	82.91 307 P	P	01 20 44.0 +0.2
GHAJ	comp=Z,8.9nm,1.4s Ghor Haditha	83.40 303 P	P	01 20 46.4 +0.2
GHAJ	comp=Z,8.9nm,1.4s Ghor Haditha	83.40 303 P	P	01 20 47.6
JAVC	comp=Z,8.9nm,0.9s Velka Javorina	83.44 325 eP	P	01 20 47.8 +1.6

VRAC	Vranov	83.65 326 eP	P	01 20 47.8 +0.6
BRG	Berggiesshubel	83.77 328 eP	P	01 20 48.0 +0.3
BRG	Berggiesshubel	83.77 328 eP	P	01 20 48.0 +0.3
PFO	comp=Z,2.6nm,0.7s Pinyon Flats O	83.83 54 P	P	01 20 48.9 +0.3
PFO	comp=Z,2.6nm,0.7s Pinyon Flats O	83.83 54 P	P	01 20 50.5
PFO	comp=Z,2.6nm,1.1s Pinyon Flats O	83.83 54 P	P	01 20 48.9 +0.3
PFO	comp=Z,2.6nm,1.1s Pinyon Flats O	83.83 54 P	P	01 20 48.9 +0.3
CLL	Collim	83.87 329 P	P	01 20 48.4 +0.2
KRUC	Koravsky	83.91 326 eP	P	01 20 49.1 +0.6
MTPU	Mout Pierson	84.08 48 P	P	01 20 51.3 +1.2
MTPU	Mout Pierson	84.08 48 P	P	01 20 52.8
KHC	comp=Z,4.8nm,0.8s Kasperske Hory	85.18 327 P	P	01 20 55.1 +0.2
KHC	comp=Z,4.8nm,0.8s Kasperske Hory	85.18 327 P	P	01 20 55.1 +0.2
GE2C	comp=Z,2.0nm,1.0s GERESS Array S	85.33 327 P	P	01 20 55.5 -0.1
GE2C	comp=Z,2.0nm,1.0s GERESS Array S	85.33 327 P	P	01 21 08.2
GERES	comp=Z,6.3nm,1.5s GERESS Array B	85.33 327 P	P	01 20 55.1 -0.6
GERES	comp=Z,6.3nm,1.5s GERESS Array B	85.33 327 P	P	01 20 55.1 -0.6
SOKA	comp=Z,0.5nm,0.5s Soboth	86.23 325 eP	P	01 21 00.0 -0.1
SOKA	comp=Z,0.5nm,0.5s Soboth	86.23 325 eP	P	01 21 00.0 -0.1
EKA	comp=Z,0.4nm,0.4s Eskdalemuir Ar	86.68 339 P	P	01 21 02.0 0.0
EKA	comp=Z,0.4nm,0.4s Eskdalemuir Ar	86.68 339 P	P	01 21

2020 JAN

1d 2h

Table with columns: CRPR, Cabo Rojo, PR, 0.29 293, i P, Pg, 01 32 37.4 -0.2, etc. Lists various stations and their associated data points.

IDC 01 01:34:02.0-3.1, 52.40N-175.85E, h0km, mb3.5/6, mbmp3.5/6, MS3.6/1, Error ellipse: s-maj=80.1km, s-min=27.2km az=174.0

NEIC 01 01:34:17.9-1.4, 52.6N:02:175.9E:0.2, h129km, 11km, mb3.5/12, ML2.8/6, Error ellipse: s-maj=35.6km, s-min=8.6km az=202.0

ISC 01 01:34:18.3-0.9, 52.52N:01:175.80E:0.07, h150km, n28, r=189/30, mb3.9/9, Rat Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station data for various locations like Shemya Is, Ala, etc.

Table with columns: MKAR, Makanchi Array, 56.69 305, P, P, P, 01 43 46.8 +1.1, etc. Lists station data for Makanchi Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station data for Nou OI 01:44:21.0, 16.86S-166.90E, h0km, mb7.8/11, Vanuatu Islands.

IDC 01 02:27:16.8:85.0, 14.04S-166.69E, h0km, mb3.8/3, mbmp3.8/3, Error ellipse: s-maj=1428.0km, s-min=115.4km az=63.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station data for Srinagar, Stephens Creek, Warramunga Arr, etc.

IDC 01 02:40:20.0-7.5, 36.11N:69.73E, h106km, 68km, mb3.4/2, mbmp3.6/7, ML3.4/5, MS3.4/1, Error ellipse: s-maj=75.4km, s-min=14.0km az=146.0

NNC 01 02:40:23.7-7.7, 36.25N:70.08E, h131km, 119km, mb3.0, mpv3.8, Error ellipse: s-maj=73.6km s-min=64.8km az=114.0

ISC 01 02:40:20.7-1.0, 36.11N:07:69.92E:0.09, h124km, n23, e261/29, TC-4D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station data for Srinagar, Alchi Leh, DHRM, etc.

NEIC 01 02:41:45.3-0.9, 19.04N:0:03:67.22W:0.02, h28km, 10km, ML2.1/24, MD3.0/3(RSPR), Error ellipse: s-maj=4.7km, s-min=2.3km az=192.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station data for Agpra, Agpra, etc.

Table with columns: LSP, Las Mesas, 0.93 170, P, Pb, 02 42 01.5 -2.5, etc. Lists station data for Las Mesas, Utuado, Cerrillos, etc.

IDC 01 02:45:50.7-1.2, 29.33S:179.21W, h331km, 13km, mb3.2/3, mbmp4.1/4, Error ellipse: s-maj=26.3km s-min=23.6km az=42.0

ISC 01 02:45:49.5-1.0, 29.81S:0:08:178.7W:0.2, h350km, n50, e205/61, mb3.4/3, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station data for Green Lake, RAO, Waiomatatini S, etc.

NEIC 01 02:50:24.8, 12.30S-166.56E, h0km, mb4.7/7, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station data for Huero Huro Makira, NGAO, etc.

IDC 01 02:51:12.6:2.6, 21.24S:172.80E, h0km, mb3.8/5, mbmp3.8/6, ML3.0/1, MS3.7/11, Error ellipse: s-maj=104.8km s-min=26.4km az=150.0

1d 3h

J18K	Innok River	15.93	34	P	P	03 24 08.8	-1.8
H17K	Granite Mounta	15.95	27	P	P	03 24 09.3	-1.4
G17K	Kwaila Mounta	16.18	24	P	P	03 24 12.3	-1.1
HOM	Homer	16.21	50	P	P	03 24 12.4	-1.3
CNPM	China Poot	16.36	51	Pn	Pn	03 24 13.7	+0.4
CNPM	comp=Z,127nm,1.4s			IAMB	IAMB	03 24 50.2	
M20K	Styx River	16.43	42	IAMB	IAMB	03 24 30.8	
M20K	Styx River	16.43	42	P	P	03 24 15.1	-1.1
SPCR	Spurr Chakacha	16.52	45	P	P	03 24 16.6	-0.6
H18K	Honhosa River	16.55	28	P	P	03 24 16.6	-0.9
SPU	Mount Spurr	16.58	45	P	P	03 24 18.1	+0.3
J19K	Poorman	16.64	34	IAMB	IAMB	03 24 33.0	
J19K	Poorman	16.64	34	P	P	03 24 17.3	-1.1
BRSE	Bradley Lake S	16.67	51	P	P	03 24 17.4	-1.4
GCSA	Galena City S	16.71	30	P	P	03 24 18.3	-0.9
F17K	Baldwin Pennin	16.80	22	P	P	03 24 19.5	-0.6
K20K	Telida	16.82	37	IAMB	IAMB	03 24 38.7	
K20K	Telida	16.82	37	P	P	03 24 19.6	-0.9
CAPN	Captain Cook N	16.82	47	P	P	03 24 19.6	-0.8
G18K	Tagagwik	17.02	26	P	P	03 24 21.8	-0.8
SKT	Skwentna	17.14	43	IAMB	IAMB	03 24 25.8	+1.7
SKT	comp=Z,45nm,1.1s			P	P	03 24 24.3	+0.3
SKT	Skwentna	17.14	43	P	P	03 24 23.6	-0.7
SLKM	Skilak Lake	17.16	48	IAMB	IAMB	03 25 03.5	
E17K	Hotham Inlet	17.20	20	P	P	03 24 24.3	-0.3
J20K	Nowinta River	17.26	34	P	P	03 24 25.0	-0.3
SUA	Susitna One	17.27	45	P	P	03 24 24.5	-1.0
PPLA	Purkeypile	17.30	40	IAMB	IAMB	03 24 27.8	+1.8
PPLA	comp=Z,50nm,1.1s					03 24 46.1	
PPLA	Purkeypile	17.30	40	P	P	03 24 25.3	-0.6
F18K	Selawik	17.30	23	P	P	03 24 25.4	-0.3
H19K	Roundabout Mou	17.38	29	P	P	03 24 26.6	0.0
O22K	Cooper Landing	17.38	49	P	P	03 24 26.9	+0.3
SEW	Seward	17.39	50	P	Pn	03 24 25.7	-0.4
D17K	Noatak River	17.48	17	P	P	03 24 27.8	+0.1
I20K	Naaghedeneel	17.53	33	P	P	03 24 27.8	-0.4
RC01	Rabbit Creek A	17.58	47	P	P	03 24 29.1	+0.2
C16K	Lisburne Hills	17.62	14	P	P	03 24 29.0	-0.2
G19K	Purcell Mounta	17.63	27	P	P	03 24 29.5	+0.1
M22K	Willow	17.66	45	P	P	03 24 30.3	+0.6
L22K	Petersville	17.70	42	IAMB	IAMB	03 24 31.5	+1.2
L22K	comp=Z,66nm,1.2s					03 24 49.2	
E18K	Tukpahlearik C	17.75	21	P	P	03 24 30.6	-0.1
CHUM	Lake Minchumic	17.76	37	P	P	03 24 30.9	+0.1
RDOG	Red Dog Mine	17.83	17	P	P	03 24 32.4	+0.9
RDOG	Red Dog Mine	17.83	17	P	P	03 24 31.3	-0.2
H20K	Anotleneega Mo	17.84	30	P	P	03 24 31.4	-0.3
CUT	Chulitna	17.86	43	P	P	03 24 32.0	+0.1
F19K	Shaleruckik Mo	17.96	25	P	P	03 24 33.2	+0.2
PMR	Palmer	18.04	46	P	Pn	03 24 34.0	+0.1
KTH	Kantishna Hill	18.12	39	IAMB	IAMB	03 24 36.3	+1.2
KTH	comp=Z,107nm,1.1s					03 24 56.1	
C17K	DeLong Mountai	18.15	16	P	Pn	03 24 35.1	-0.2
PWL	Port Walls	18.15	48	P	Pn	03 24 34.9	-0.5
KNK	Knik Glacier	18.27	47	P	P	03 24 36.0	-0.5
TRF	Thorofare Moun	18.32	39	P	Pn	03 24 38.3	+0.6
TRF	comp=Z,82nm,1.0s			IAMB	IAMB	03 24 56.8	
TRF	Thorofare Moun	18.32	39	P	P	03 24 36.3	-0.9
P23K	Montague Islan	18.36	51	P	P	03 24 37.0	-0.4
BPBW	Bear Paw Mtn.	18.38	37	P	Pn	03 24 39.4	+1.3
BPBW	Bear Paw Mtn.	18.38	37	P	P	03 24 37.5	-0.6
BILL	Bilbino	18.46	340	IAMB	IAMB	03 24 39.9	+0.9
BILL	comp=Z,55nm,1.2s					03 24 58.9	
BILL	Bilbino	18.46	340	Pn	Pn	03 24 40.3	+1.2
SML	Sawmill	18.47	45	P	P	03 24 38.6	-0.7
E19K	Redstone River	18.57	24	P	Pn	03 24 39.7	-0.7
I21K	Tanana	18.61	34	P	Pn	03 24 42.5	+1.7
I21K	comp=Z,47nm,1.2s			IAMB	IAMB	03 24 59.9	
I21K	Tanana	18.61	34	P	Pn	03 24 40.0	-0.9
H21K	Melozitna Rive	18.61	32	P	P	03 24 39.6	-0.6
C18K	Utukok River	18.66	18	P	P	03 24 39.8	-1.0
F20K	Avaraart Lake	18.67	26	P	P	03 24 39.4	-1.3
M23K	Glacier View	18.73	46	P	P	03 24 40.6	-1.0
Q23K	Middleton Isla	18.75	53	P	P	03 24 41.1	-0.6
WAT1	Susitna Watana	18.76	42	P	P	03 24 41.1	-0.8
RND	Reindeer	18.88	41	IAMB	IAMB	03 24 56.2	
SCM	Sheep Creek Mo	18.93	46	P	P	03 24 42.7	-1.0
G21K	Allakaket	18.94	29	P	Pn	03 24 43.5	-1.3
MCK	McKinley	18.99	40	IAMB	IAMB	03 24 44.9	-0.6
MCK	comp=Z,28nm,0.7s			P	Pn	03 24 44.9	-0.6
MCK	McKinley	18.99	40	P	P	03 24 44.2	-0.2
WAT6	Susitna Watana	19.01	43	P	P	03 24 44.0	-0.7
D19K	Kuna River	19.17	21	IAMB	IAMB	03 24 49.6	
D19K	comp=Z,40nm,0.9s						
H21K	Kuna River	19.17	21	P	Pn	03 24 46.7	-0.9
H22K	Ishlitalitna Cre	19.23	32	IAMB	IAMB	03 25 01.0	
H22K	comp=Z,40nm,1.3s						
H22K	Ishlitalitna Cre	19.23	32	P	Pn	03 24 47.2	-1.1
EYAK	Cordova Ski Ar	19.29	50	P	Pn	03 24 47.8	-1.2
NEA2	Nenana	19.35	37	IAMB	IAMB	03 25 09.1	

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NEA2	Nenana	19.35	37	P	Pn	03 24 48.5	-1.2
DHY	Denali Highway	19.35	42	IAMB	IAMB	03 25 01.6	
DHY	Denali Highway	19.35	42	P	P	03 24 47.9	-0.5
C19K	Lookout Ridge	19.36	19	IAMB	IAMB	03 24 57.5	
C19K	Lookout Ridge	19.36	19	P	Pn	03 24 48.5	-1.4
F21K	Alatna River	19.42	27	P	P	03 24 48.1	-0.9
E20K	Nigta Glacier	19.44	23	P	Pn	03 24 49.8	-1.0
KLU	Klutina	19.46	47	IAMB	IAMB	03 25 07.2	
KLU	Klutina	19.46	47	P	P	03 24 48.9	-0.6
I23K	Minto, Yukon-K	19.52	36	P	Pn	03 24 51.2	-0.5
M24K	Tolsona, Glenn	19.53	46	P	Pn	03 24 51.9	0.0
M24K	comp=Z,83nm,1.1s			IAMB	IAMB	03 25 10.5	
M24K	Tolsona, Glenn	19.53	46	P	Pn	03 24 52.2	+0.2
D20K	Etiwuk River	19.69	22	IAMB	IAMB	03 24 55.0	
D20K	Etiwuk River	19.69	22	P	P	03 24 52.9	-0.8
KAIM	Kayak Island	19.81	53	P	P	03 24 53.4	+0.2
G22K	Bettles	19.81	30	P	Pn	03 24 53.9	-1.2
CCB	Clear Creek Bu	19.85	38	IAMB	IAMB	03 25 15.3	
MA2	Magadan	19.87	306	LR	LR	03 32 07.9	
BRMR	Bremner River	19.93	49	P	P	03 24 54.8	+0.1
COLA	College	19.94	37	P	Pn	03 24 55.4	-1.2
COLA	comp=Z,7.0nm,0.8s			pmax	pmax		
COLA	College	19.94	37	P	P	03 24 53.8	-0.8
SEY	Seymchan	19.98	317	P	P	03 24 53.4	-1.7
SEY	comp=Z,0.5nm,0.3s,baz=111.1s,slow=15			LR	LR	03 32 21.9	
F22K	John River	19.98	28	P	Pn	03 24 55.5	-1.7
A19K	Wainwright	20.03	16	P	P	03 24 55.3	-0.2
HARP	HAARP	20.07	45	P	Pn	03 24 56.7	-1.7
HDA	Harding Lake	20.08	39	P	Pn	03 24 56.8	-1.5
N25K	Chitina, Valde	20.10	48	P	Pn	03 24 57.4	-1.3
N25K	Chitina, Valde	20.10	48	P	P	03 25 16.5	
N25K	Chitina, Valde	20.10	48	P	P	03 24 56.7	+0.2
PAX	Paxson	20.12	44	P	Pn	03 24 57.5	-1.5
PAX	comp=Z,20nm,0.8s			IAMB	IAMB	03 25 22.4	
PAX	Paxson	20.12	44	P	pmax	03 24 57.5	-1.5
PAX	comp=Z,20nm,0.8s						
PAX	Paxson	20.12	44	P	Pn	03 24 58.1	-0.9
E21K	Killik River	20.13	25	P	Pn	03 24 57.3	-1.6
G23K	Bananza Creek	20.15	31	P	P	03 24 56.7	-0.3
G23K	Bananza Creek	20.15	31	IAMB	IAMB	03 25 10.9	
G23K	Bananza Creek	20.15	31	P	Pn	03 24 57.8	-1.4
POKR	Poker Plat Res	20.21	37	P	Pn	03 24 58.3	-1.6
IL31	IL31	20.26	38	P	IAMB	03 24 57.9	-0.1
IL31	comp=Z,33nm,1.2s			IAMB	IAMB	03 25 31.1	
ILAR	Eielson Array	20.26	38	P	P	03 24 56.9	-1.3
ILAR	comp=Z,1.7nm,0.5s,baz=240,slow=10			P	P	03 29 08.8	-0.9
ILAR	comp=Z,0.5nm,0.3s,baz=273,slow=3.1,SNR=9.1			P	P	03 32 42.5	+1.0
ILAR	comp=Z,0.6nm,0.7s,baz=284,slow=3.3,SNR=8.1			LR	LR	03 34 03.2	
ILAR	comp=Z,198nm,18.0s,baz=146,slow=40						
ILAR	Eielson Array	20.26	38	P	Pn	03 24 58.6	-1.8
ILAR	ILAR	20.26	38	P	P	03 29 09.4	-0.4
ILAR	ILAR	20.26	38	P	P	03 32 41.5	-0.1
ILAR	ILAR	20.26	38	P	P	03 24 58.7	-1.8
K24K	Donnelly Dome	20.30	41	P	P	03 24 59.1	+0.5
K24K	Donnelly Dome	20.30	41	P	Pn	03 24 59.7	-1.3
H24K	Noodor Dome	20.40	35	P	P	03 24 59.7	-0.1
COLD	Coldfoot	20.40	30	P	Pn	03 25 00.9	-1.2
GLB	Gilahina Butte	20.42	48	IAMB	IAMB	03 25 21.1	
C21K	Knifeblade Rid	20.46	22	P	Pn	03 25 01.7	-1.1
E22K	Anaktuvuk Pass	20.50	27	P	Pn	03 25 02.0	-1.4
B20K	Meade River	20.59	19	IAMB	IAMB	03 25 20.0	
B20K	Meade River	20.59	19	P	Pn	03 25 02.7	-1.6
CRQE	Cirque	20.61	51	P	Pn	03 25 03.2	-1.6
RIDG	Independent Ri	20.66	42	P	P	03 25 02.0	-0.5
RIDG	comp=Z,36nm,0.8s			IAMB	IAMB	03 25 24.9	
RIDG	Independent Ri	20.66	42	P	Pn	03 25 03.6	-1.7
MCARA	McCarthy VSAT	20.78	49	P	Pn	03 25 05.2	-1.4
MCARA	comp=Z,99nm,0.9s			IAMB	IAMB	03 25 19.2	
MCARA	McCarthy VSAT	20.78	49	P	P	03 25 04.4	+0.7
D22K	Ayikyak River	20.78	25	IAMB	IAMB	03 25 25.9	
D22K	Ayikyak River	20.78	25	P	Pn	03 25 05.2	-1.4
J25K	Salcha River	20.78	39	IAMB	IAMB	03 25 22.1	
J25K	comp=Z,21nm,0.6s						
J25K	Salcha River	20.78	39	P	Pn	03 25 05.2	-1.6
B21K	Ikpiqpuq River	20.85	22	IAMB	IAMB	03 25 08.9	
B21K	comp=Z,53nm,0.8s						
B21K	Ikpiqpuq River	20.85	22	P	Pn	03 25 05.4	-1.9
MENT	Mentasta	20.87	44	P	Pn	03 25 05.7	-2.1
MENT	MENT	20.87	44	IAMB	IAMB	03 25 28.7	
DOT	Dot Lake	20.95	42	P	P	03 25 06.2	+0.6
DOT	comp=Z,85nm,1.2s			IAMB	IAMB	03 25 26.8	
G24K	Hadweenzic Riv	20.99	33	IAMB	IAMB	03 25 29.3	
G24K	Hadweenzic Riv	20.99	33	P	Pn	03 25 07.1	-2.1
M26K	Nabesna, AK	21.04	46	P	P	03 25 06.6	0.0
L2							

D28M	Stokes Point	25.14	31	P	P	03 25 47.1	0.0
P32M	Atlin	25.17	55	P	P	03 25 48.1	+0.5
F30M	Barrier River	25.50	36	P	P	03 25 49.8	-0.7
N32M	Quiet Lake	25.51	51	P	P	03 25 51.0	+0.4
H31M	Peel River	25.56	40	P	P	03 25 51.7	+0.6
P33M	Teslin, Yukon	25.52	53	P	P	03 25 51.7	0.0
U33K	Whale Pass	25.76	63	P	P	03 25 53.2	+0.4
CRAG	Craig	25.86	64	P	P	03 25 54.4	+0.6
G31M	Satah River	25.87	38	P	P	03 25 53.9	+0.2
Q32M	Nakina River	25.93	56	P	P	03 25 55.5	+0.9
F31M	Tsigehtochic	26.21	37	P	P	03 25 58.1	+1.3
R33M	Jennings River	26.58	55	P	P	03 26 01.0	+0.6
YSS	Yuzhno-Sakhalii	26.61	276	eP	P	03 25 59.6	-1.0
YSS	comp=Z,20nm,0.9s				pmx		
YSS	comp=Z,800nm,18.0s				MLR		
S34M	Telegraph Cree	26.62	58	P	P	03 26 01.5	+0.9
V35K	Ketchikan	26.74	64	P	P	03 26 01.4	-0.2
T35M	Bob Quinn	27.21	60	P	P	03 26 06.7	+0.7
U35K	Hyder	27.51	62	P	P	03 26 10.0	+1.4
WTLY	Watson Lake, Y	27.63	53	P	P	03 26 09.9	+0.2
ASAJ	Asahikawa	28.02	271	LR	LR	03 38 47.2	
LIRD	Lidard River Hi	29.06	54	P	P	03 26 23.0	+0.6
TOAD	Toad River Com	29.58	55	P	P	03 26 27.4	+0.3
WRGLY	Wrigley	30.01	46	P	P	03 26 30.9	+0.1
C36M	Paulatuk	30.11	34	P	P	03 26 32.0	+0.5
A36M	Sachs Harbour	30.26	29	IAMB	IAMB	03 26 38.4	
A36M	Sachs Harbour	30.26	29	P	P	03 26 33.8	+1.0
YAK	Yakutsk	30.27	311	LR	LR	03 38 14.6	
YAK	Yakutsk	30.27	311	LR	LR	03 26 33.5	+0.5
YAK	Tiksi	31.10	330	LR	LR	03 40 27.0	
YKA	Yellowknife Ar	34.13	47	P	P	03 27 06.2	-0.6
YKA	comp=Z,3.0nm,0.8s,baz=288,slow=3.4,SNR=14				PcP		
YKA	comp=Z,0.6nm,0.9s,baz=284,slow=3.9,SNR=5.2				ScP		
YKA	comp=Z,1.78nm,18.2s,baz=188,slow=41				LR		
YKA	comp=Z,1.5nm,0.9s				P		
YKA	Yellowknife Ar	34.13	47	P	P	03 27 06.6	-0.2
H11N2	WAKE ISLAND Hy	34.31	208	T	T	03 29 43.6	+0.8
H11N3	WAKE ISLAND Hy	34.32	208	T	T	03 29 43.6	+0.8
H11N1	WAKE ISLAND Hy	34.33	208	T	T	04 03 30.3	
USRK	Ussuriysk Ar	34.77	278	P	P	03 27 09.4	-1.4
MAJO	Matsushiro	35.12	263	P	P	03 27 16.4	+0.7
MAJO	comp=Z,1.2nm,1.0s				pmx		
MJAR	Matsushiro Arr	35.12	263	P	P	03 27 16.1	+0.4
MJAR	comp=Z,3.4nm,0.7s,baz=45,slow=6,SNR=11				LR		
MJAR	comp=Z,12.1nm,20.9s,baz=76,slow=32				LR		
MJAR	Matsushiro Arr	35.12	263	P	P	03 27 15.8	+0.2
MJAR	Matsushiro Arr	35.12	263	P	P	03 27 15.8	+0.2
MJAR	comp=Z,3.0nm,0.9s				pmx		
H11S1	WAKE ISLAND Hy	35.52	208	T	T	04 05 03.6	
H11S2	WAKE ISLAND Hy	35.54	208	T	T	04 05 06.8	
H11S3	WAKE ISLAND Hy	35.54	208	T	T	04 05 04.7	
PSTR	Posyet	36.12	277	P	P	03 27 25.1	+1.0
EPH	Ephrata	36.54	74	IAMB	IAMB	03 27 29.8	
HAWA	Hanford	37.04	75	P	P	03 27 32.5	+0.5
C09A	Chrisman Ranch	37.11	72	IAMB	IAMB	03 27 45.5	
EDM	Edmonton	37.56	62	IAMB	IAMB	03 28 10.9	
NEW	Newport	37.57	71	IAMB	IAMB	03 27 49.4	
F10A	Beach Ranch, E	38.63	74	IAMB	IAMB	03 28 06.9	
O03E	Paynes Creek	38.94	85	P	P	03 27 47.3	-0.8
O03E	comp=Z,1.7nm,1.1s				P		
HILR	Hailar Array B	39.28	293	P	P	03 27 50.5	-0.4
HILR	comp=Z,0.4nm,0.3s,baz=57,slow=10,SNR=2.0				PcP		
HILR	comp=Z,3.1nm,0.7s,baz=88,slow=3.5,SNR=5.2				PcP		
HILR	comp=Z,2.12nm,19.9s,baz=125,slow=37				LR		
WVOR	Wild Horse Val	39.67	80	IAMB	IAMB	03 27 57.5	
M50	Misoula	40.16	71	IAMB	IAMB	03 28 00.8	
BPMT	Black Pine Ridge	40.65	71	P	P	03 28 02.7	+0.2
PAHR	Pah Rah Range	40.78	84	P	P	03 28 04.3	+0.8
PAHR	comp=Z,1.5nm,1.2s				P		
KSRS	Korea Array	40.95	272	P	P	03 28 05.5	+0.9
KSRS	comp=Z,4.4nm,1.0s,baz=66,SNR=7.0				LR		
KSRS	comp=Z,2.0nm,19.1s,baz=55,slow=38				LR		
KSAR	Kwonju Array Be	40.98	272	P	P	03 28 04.6	-0.4
KSAR	Wonyu Array Be	40.98	272	P	P	03 28 04.6	-0.4
LYMT	Lyon Mountain	41.06	70	P	P	03 28 06.4	+0.6
HLID	Hailey	41.62	76	P	P	03 28 10.7	+0.3
HLID	comp=Z,2.1nm,1.4s				IAMB		
BCYI	Bear Canyon	41.81	74	IAMB	IAMB	03 28 25.2	
JNU	Nakatsue	41.90	265	P	P	03 28 12.6	0.0
JNU	comp=Z,1.9nm,0.9s,baz=50,slow=7.9,SNR=5.9				LR		
JNU	comp=Z,88nm,21.7s,baz=57,slow=34				LR		
JNU	comp=Z,1.9nm,0.9s				P		
JNU	Nakatsue	41.90	265	P	P	03 28 13.2	+0.6
EGMT	Eagleton	41.99	67	IAMB	IAMB	03 28 14.6	
NVAR	Mina Array Bea	42.22	84	P	P	03 28 16.5	+1.1
NVAR	comp=Z,3.5nm,0.8s,baz=290,slow=8.3,SNR=20				PcP		
NVAR	comp=Z,2.1nm,0.8s,baz=286,slow=2.7,SNR=7.1				LR		
NVAR	comp=Z,1.53nm,19.2s,baz=318,slow=31				LR		
NVAR	comp=Z,3.5nm,0.8s				P		
NVAR	Mina Array Bea	42.22	84	P	P	03 28 16.4	+1.0
NVAR	comp=Z,1.7nm,1.1s				PcP		
YHL	Hebgen Lake	42.84	72	P	P	03 28 21.3	+0.9
YHL	comp=Z,2.6nm,1.4s				IAMB		
LKWY	Lake	43.46	72	P	P	03 28 26.5	+1.1
LKWY	comp=Z,8.6nm,0.8s				IAMB		
LKWY	Lake	43.46	72	P	P	03 28 26.5	+1.1
LKWY	comp=Z,9.0nm,0.8s				pmx		
RLMT	Red Lodge	43.82	71	IAMB	IAMB	03 28 31.2	

BGU	Big Grassy Mow	43.97	78	P	P	03 28 30.3	+0.8
CLC	China Lake	44.30	87	P	P	03 28 32.9	+0.9
CLC	China Lake	44.30	87	P	P	03 28 32.9	+0.9
CLC	comp=Z,2.0nm,0.8s				pmx		
TPNV	Topopah Spring	44.42	85	IAMB	IAMB	03 28 35.5	
DUG	Dugway, Tooele	44.54	79	IAMB	IAMB	03 28 49.2	
DUG	Dugway, Tooele	44.54	79	P	P	03 28 33.9	-0.1
DUG	comp=Z,9.0nm,1.1s				pmx		
ILON	Ilgoolik, Nuna	44.60	30	P	P	03 28 33.3	-0.5
ILON	comp=Z,8.3nm,0.9s				IAMB		
LAO	LASA Array	44.73	67	IAMB	IAMB	03 28 37.3	
NRIK	Noril'sk	44.88	330	P	P	03 28 36.8	+0.6
NRIK	comp=Z,0.5nm,0.3s,baz=83,slow=12,SNR=1.7				LR		
NRIK	comp=Z,1.44nm,18.8s,baz=18,slow=39				LR		
NRIK	Noril'sk	44.88	330	P	P	03 28 36.3	+0.2
NRIK	Noril'sk	44.88	330	eP	P	03 28 36.4	+0.2
NRIK	comp=Z,9.0nm,1.5s				pmx		
PDAR	Pinedale Array	44.99	74	P	P	03 28 38.5	+0.9
PDAR	comp=Z,5.4nm,0.6s,baz=313,slow=3.7,SNR=67				LR		
PDAR	comp=Z,1.11nm,18.9s,baz=294,slow=32				LR		
PDAR	comp=Z,5.4nm,0.6s				pmx		
PDAR	Pinedale Array	44.99	74	P	P	03 28 38.3	+0.6
MTFC	Mountain Pass	45.78	86	IAMB	IAMB	03 28 46.0	
PFO	Pinyon Flats O	46.45	88	LR	LR	03 45 43.8	
PFO	Pinyon Flats O	46.45	88	eP	P	03 28 50.2	+1.1
PFO	comp=Z,5.0nm,1.1s				pmx		
BJJ2	Beijing	46.62	283	P	P	03 28 51.0	+0.8
BJJ2	comp=Z,6.0nm,0.9s				pmx		
W13A	Hualapai Mount	47.07	85	IAMB	IAMB	03 28 56.0	
U15A	North Rim	47.20	82	IAMB	IAMB	03 28 57.7	
ULN	Ulanbaatar	47.34	297	P	P	03 28 54.5	-1.4
ULN	comp=Z,8.0nm,2.0s				pmx		
RSSD	Black Hills	47.46	69	P	P	03 28 57.6	+0.6
RSSD	comp=Z,1.1nm,1.1s				IAMB		
RSSD	Black Hills	47.46	69	P	P	03 28 57.6	+0.6
RSSD	comp=Z,1.1nm,1.1s				pmx		
BLYC	Blythe	47.56	87	IAMB	IAMB	03 28 59.5	
BLYC	comp=Z,5.7nm,0.8s				pmx		
SONM	Songino Array	47.72	298	P	P	03 28 58.1	-0.7
SONM	comp=Z,1.3nm,0.8s,baz=58,slow=9.2,SNR=7.0				PcP		
SONM	comp=Z,3.1nm,0.8s,baz=63,slow=2.6,SNR=11				PcP		
SONM	comp=Z,0.6nm,0.9s,baz=115,slow=2.5,SNR=4.2				ScP		
SONM	comp=Z,1.93nm,18.6s,baz=30,slow=38				LR		
SONM	Songino Array	47.72	298	P	P	03 28 58.6	-0.2
SONM	comp=Z,1.3nm,0.8s				PcP		
SONM	comp=Z,1.3nm,0.8s				ScP		
SONM	Songino Array	47.72	298	P	P	03 34 17.1	+0.1
SONM	comp=Z,1.52nm,19.3s,baz=287,slow=37				LR		
SONM	comp=Z,4.0nm,1.4s				pmx		
WUAZ	Wupatki	48.36	83	IAMB	IAMB	03 29 06.4	
WUAZ	comp=Z,1.2nm,0.8s				pmx		
Y14A	Wickenburg	48.38	85	IAMB	IAMB	03 29 05.9	
Y14A	comp=Z,5.1nm,1.0s				pmx		
ULM	Lac du Bonnet	48.46	58	LR	LR	03 50 15.8	
ULM	comp=Z,130nm,18.4s,baz=292,slow=37				LR		
HHC	Hu-ho-hao-te	48.89	287	eP	P	03 29 07.4	-0.5
HHC	comp=Z,9.0nm,0.8s				pmx		
MV60	Mesa Verde	49.03	79	IAMB	IAMB	03 29 11.7	
MV60	comp=Z,10nm,1.2s				pmx		
X16C	Lo Mia Camp, P	49.03	84	IAMB	IAMB	03 29 12.3	
X16C	comp=Z,8.4nm,1.3s				pmx		
HNS	HongShan	49.16	281	P	P	03 29 10.8	+1.0
HNS	comp=Z,3.1nm,1.1s				pmx		
W18A	Petrified Forest	49.63	82	IAMB	IAMB	03 29 16.1	
S22A	4UR Ranch, Cre	49.71	77	IAMB	IAMB	03 29 17.2	
S22A	comp=Z,8.2nm,0.8s				pmx		
214A	Organ Pipe Nat	49.83	87	IAMB	IAMB	03 29 19.3	
214A	comp=Z,1.1nm,1.1s				pmx		
X18A	Snowflake	49.88	83	IAMB	IAMB	03 29 18.1	
X18A	comp=Z,4.6nm,0.8s				pmx		
BT02	Baotou	49.96	288	eP	P	03 29 17.6	+1.5
BT02	comp=Z,0.3nm,0.3s				pP		
BT02	comp=Z,0.3nm,0.3s				sP		
BT02	comp=Z,30nm,0.8s				pP		
BT02	comp=Z,30nm,0.8s				pmx		
BT02	comp=Z,320nm,4.8s				pmx		
NJ2	Nanjing	50.12	273	eP	P	03 29 18.9	+1.7
NJ2	comp=Z,1.1nm,0.5s				pmx		
SPITS	Spitsbergen Ar	50.25	357	P	P	03 29 17.7	0.0
SPITS	comp=Z,2.8nm,0.6s,baz=31,slow=3.4,SNR=10				LR		
SPITS	Spitsbergen Ar	50.25	357	P	P	03 29 18.3	+0.7
SPITS	comp=Z,2.8nm,0.6s				pmx		
SPB2	Spitsbergen Ar	50.25	357	P	P	03 29 18.7	+1.1
SDCO	Great Sand Dun	50.52	76	IAMB			

NLC		eS	Sn	03 53 49.6	-0.9
PET	Petropavlovsk	0.67 321	Pn	03 53 40.6	-0.2
PET			Sn	03 53 50.0	-0.6
PET	Petropavlovsk	0.67 321	Pn	03 53 40.7	-0.2
PET			Sn	03 53 49.9	-0.7
PET	comp=Z,8um,0.4s		pmx		
PET	comp=E,106um,0.6s		smx		
PET	comp=N,210um,0.5s		smx		
PET	Petropavlovsk	0.67 321	P	03 53 40.9	0.0
PET	Petropavlovsk	0.67 321	P	03 53 40.7	-0.2
PET			Sn	03 53 50.2	-0.5
MTRV	Mutnovka	0.71 268	Pn	03 53 41.5	-0.1
MTRV	Mutnovka	0.71 268	eP	03 53 41.1	-0.1
INSR	Institute	0.72 321	Pn	03 53 41.4	-0.1
INSR			Sn	03 53 51.6	-0.2
INSR	Institute	0.72 321	eP	03 53 41.5	-0.1
INSR			Sn	03 53 51.6	-0.2
SPN	Mys Shipunski	0.72 35	Pn	03 53 41.2	-0.4
SPN			Sn	03 53 51.5	-0.2
SPN	Mys Shipunski	0.72 35	eP	03 53 41.4	-0.4
SPN			Sn	03 53 51.6	-0.2
UGLR	Uglovaya	0.77 336	Pn	03 53 42.5	+0.2
UGLR	Uglovaya	0.77 336	eP	03 53 42.5	+0.2
GRL	Gorely	0.78 274	Pn	03 53 42.9	+0.4
GRL	Gorely	0.78 274	eP	03 53 42.9	+0.4
KRMR	Karymshinskiy	0.81 294	Pn	03 53 42.5	-0.2
KRMR	Karymshinskiy	0.81 294	eP	03 53 42.6	-0.2
KRMR			Sn	03 53 54.0	+0.2
SMAR	Somma	0.82 336	Pn	03 53 43.0	-0.1
SMAR	Somma	0.82 336	eP	03 53 43.0	-0.1
AVH	Avacha	0.84 334	Pn	03 53 43.5	+0.3
AVH	Avacha	0.84 334	eP	03 53 43.5	+0.3
KOK	Koryaka	0.89 331	Pn	03 53 44.2	+0.2
KOK	Koryaka	0.89 331	eP	03 53 44.2	+0.2
KRX	Arik	0.95 334	Pn	03 53 44.8	+0.1
KRX	Arik	0.95 334	eP	03 53 44.8	+0.1
KDTR	Khodutka, Kamc	1.05 229	Pn	03 53 45.6	-0.3
KDTR			Sn	03 53 59.0	-0.5
KDTR	Khodutka, Kamc	1.05 229	eP	03 53 45.7	-0.3
KDTR			Sn	03 53 59.1	-0.4
PEA0B	Petropavlovsk-	1.17 302	Pn	03 53 47.9	+0.4
PEA0B			Sn	03 54 01.3	-1.1
PEA0B	Petropavlovsk-	1.17 302	Pn	03 53 47.9	+0.4
PEA0B			Sn	03 54 03.1	+0.7
PETK	Petropavlovsk-	1.17 302	Pn	03 53 47.0	-0.5
PETK	comp=N,3um,0.4s,baz=108,slow=19,SNR=2983		Sn	03 54 02.8	+0.4
PETK	comp=N,3um,0.4s,baz=102,slow=28,SNR=17		Sn	03 53 47.0	-0.5
APC	Apacha	1.40 288	Pn	03 53 51.7	+1.1
APC			Sn	03 54 09.9	+2.0
APC	Apacha	1.40 288	eP	03 53 51.7	+1.1
APC			Sn	03 54 10.0	+2.0
GNL	Ganally	1.46 325	Pn	03 53 52.6	+1.1
GNL	Ganally	1.46 325	eP	03 53 52.7	+1.1
KI	Karymskiy	1.53 2 2	Pn	03 53 54.2	+1.7
KI	Karymskiy	1.53 2 2	eP	03 53 54.3	+1.7
PAU	Pauzhetka	1.89 237	Pn	03 53 57.8	+0.6
PAU	Pauzhetka	1.89 237	eP	03 53 57.8	+0.6
KZV	Kizimen	2.67 12	Pn	03 54 10.1	+2.0
KZV	Kizimen	2.67 12	eP	03 54 10.1	+2.0
SKR	Severo-Kuril's	2.72 229	eP	03 54 09.1	+1.1
SKR			Sn	03 54 39.5	-0.8
SKR			pmx		
SKR	comp=Z,794nm,0.4s		smx		
SKR	comp=N,7um,0.3s		smx		
SKR	comp=E,10um,0.5s		MLR		
SKR	comp=Z,3um,16.0s		MLR		
TUMD	Tumrok D	2.77 13	Pn	03 54 11.2	+1.8
TUMD	Tumrok D	2.77 13	eP	03 54 11.2	+1.8
KMNR	Kamenistaya	3.29 9	Pn	03 54 19.7	+3.1
KMNR	Kamenistaya	3.29 9	eP	03 54 19.7	+3.1
ESO	Esso	3.44 354	Pn	03 54 19.8	+1.2
ESO	Esso	3.44 354	eP	03 54 19.8	+1.2
BZP	Bezmyanniy-Pe	3.48 11	Pn	03 54 22.2	+3.0
BZP	Bezmyanniy-Pe	3.48 11	eP	03 54 22.3	+3.0
KIRR	Kirishev	3.50 9	Pn	03 54 22.1	+2.6
KIRR	Kirishev	3.50 9	eP	03 54 22.1	+2.6
BZGR	Bezmyanniy-Gr	3.53 12	Pn	03 54 22.1	+2.5
BZGR	Bezmyanniy-Gr	3.53 12	eP	03 54 22.1	+2.5
BZWR	Bezmyanniy-We	3.53 11	Pn	03 54 22.3	+2.5
BZWR	Bezmyanniy-We	3.53 11	eP	03 54 22.4	+2.5
KOZ	Kozyrevsk	3.57 5	Pn	03 54 23.1	+2.8
KOZ	Kozyrevsk	3.57 5	eP	03 54 23.1	+2.8
LGNR	Luginova	3.67 12	Pn	03 54 25.0	+3.1
LGNR	Luginova	3.67 12	eP	03 54 25.0	+3.1
CIRR	Csirk	3.70 12	Pn	03 54 26.6	+4.3
CIRR	Csirk	3.70 12	eP	03 54 26.6	+4.3
SRDR	Sredinnyy	3.82 3	Pn	03 54 28.0	+4.2
SRDR	Sredinnyy	3.82 3	eP	03 54 28.1	+4.2
KLY	Klyuchi	3.89 11	Pn	03 54 27.3	+2.6
KLY	Klyuchi	3.89 11	eP	03 54 27.3	+2.6
KBTR	Krutoberegovo	4.22 27	Pn	03 54 30.8	+1.6
KBTR	Krutoberegovo	4.22 27	eP	03 54 30.9	+1.6
KBG	Krutoberegovo	4.23 26	Pn	03 54 31.9	+2.4
KBG	Krutoberegovo	4.23 26	eP	03 54 31.9	+2.4
SMKR	Semkarok	4.26 16	Pn	03 54 32.1	+2.3
SMKR	Semkarok	4.26 16	eP	03 54 32.2	+2.3
BKI	Bering	4.76 53	Pn	03 54 36.6	+0.1
BKI	Bering	4.76 53	eP	03 54 36.6	+0.1
TIGL	Tigil	5.28 356	Pn	03 54 47.5	+3.8
TIGL	Tigil	5.28 356	eP	03 54 47.5	+3.8
MA2	Magadan	8.55 329	P	03 55 29.2	+0.7
MA2			LR		
MA2	comp=Z,14nm,0.7s,baz=142,slow=12,SNR=4.1		LR		
MA2	comp=Z,2um,20.0s,baz=110,slow=4		LR		
MA2	Magadan	8.55 329	Pn	03 55 24.9	-3.6
MA2	Magadan	8.55 329	eP	03 55 30.3	+1.8
MA2			pmx		
SHEM	Shemya Is, Ala	8.98 83	P	03 55 35.4	+1.0
SHEM	comp=Z,107nm,0.4s,baz=134,slow=1.8,SNR=12		Sn	03 57 07.9	-6.0
SHEM	comp=Z,72nm,0.5s,baz=272,slow=19,SNR=6.3		LR		
SHEM	comp=Z,757nm,21.9s,baz=270,slow=36		LR		
SMY	Shemya	8.98 83	Pn	03 55 35.0	+0.7
SMY	Shemya	8.98 83	Pn	03 55 35.1	+0.7
TYV	TYmovskoe	10.50 268	eP	03 56 01.6	+6.5
TYV			Sn	03 57 54.7	+3.6
TYV			pmx		
TYV	comp=Z,24nm,1.2s		pmx		
TYV	comp=Z,300nm,5.3s		smx		
TYV	comp=N,8.0nm,1.7s		smx		
TYV	comp=Z,9.0nm,1.7s		smx		
SEY	Seymchan	11.09 343	P	03 56 03.8	+0.7
SEY	comp=E,13nm,1.0s,baz=151,slow=11,SNR=9.0		LR		
SEY	comp=E,2um,19.3s,baz=156,slow=40		LR		
SEY	Seymchan	11.09 343	eP	03 56 02.6	-0.5
SEY			pmx		
UGL	Uglegorsk	11.46 259	eP	03 56 14.6	+6.3
UGL			Sn	03 58 18.7	+4.0
UGL			pmx		
UGL	comp=Z,100nm,1.0s		smx		
UGL	comp=E,1um,6.2s		smx		
UGL	comp=N,2um,5.2s		smx		
YSS	Yuzhno-Sakhali	12.08 249	eP	03 56 18.1	+1.4
YSS			pmx		
YSS	comp=Z,30nm,1.2s		MLR		
YSS	comp=N,900nm,18.0s		MLR		
YSS	comp=E,900nm,14.0s		MLR		
YUK	Yuzh-Kuril'sk	12.34 232	eP	03 56 21.9	+1.6
YUK			Sn	03 58 42.5	+6.4
YUK			pmx		

YUK	comp=Z,574nm,0.3s		pmx		
AMKA	Amchitka	12.36 87	Pn	03 56 20.2	-0.3
RUSJ	Russkiy	12.59 234	eP	03 56 24.2	+0.6
NMR	Nemuro-Hokkai	12.90 230	eP	03 56 24.5	-3.5
JKA	Kamikawa-asahi	13.93 240	Pn	03 56 43.1	+1.1
ASAJ	Asahikawa	13.93 240	P	03 56 43.4	+1.4
ASAJ	comp=N,32nm,0.5s,baz=62,slow=14,SNR=35		LR		
GRNR	Gornyy	14.33 272	P	03 56 54.8	+1.8
GRNR			pmx		
GRNR	comp=Z,20nm,1.0s		MLR		
GRNR	comp=Z,970nm,15.0s		MLR		
GRNR	comp=Z,840nm,15.0s		MLR		
GRNR	comp=N,300nm,17.0s		MLR		
ERM	Ermo	15.16 233	Pn	03 56 55.8	-2.3
ERM			IAMB		
ERM	comp=Z,130nm,1.2s		P	03 56 55.8	-2.3
ERM			pmx		
BILL	Bilibino	15.93 10	Pn	03 57 07.8	-0.1
BILL	Bilibino	15.93 10	eP	03 57 08.9	+1.0
BILL			pmx		
ATKA	Atka Island	16.14 81	Pn	03 57 13.1	+0.1
ATKA			IAMB		
SPIA	Saint Paul Is	18.03 63	P	03 57 35.3	+1.4
SPIA	comp=Z,170nm,0.9s		IAMB		
SPIA	Saint Paul Is	18.03 63	P	03 57 34.8	+0.8
POBK	Saint George I	18.41 65	P	03 57 39.2	+0.7
YAK	Yakutsk	18.49 313	P	03 57 37.7	-1.1
YAK	comp=Z,39nm,0.7s,baz=264,slow=1.1,SNR=14		LR		
YAK	comp=Z,396nm,18.3s,baz=110,slow=40		LR		
YAK	Yakutsk	18.49 313	P	03 57 37.0	-1.8
YAK	Yakutsk	18.49 313	eP	03 57 38.0	-0.9
YAK			Sn	04 01 02.2	-2.8
YAK			pmx		
YAK	comp=Z,48nm,0.9s		pmx		
YAK	comp=N,10.0nm,1.4s		pmx		
YAK	comp=E,35nm,2.4s		smx		
YAK	comp=N,1um,5.9s		smx		
YAK	comp=E,238nm,3.4s		smx		
GAMB	Gambell	18.79 42	P	03 57 42.9	-0.2
NIKH	Nikolski High	19.18 76	P	03 57 48.0	+0.2
ZEA	Zeya	19.22 286	eP	03 57 48.4	+0.1
ZEA			pmx		
ZEA	comp=E,10.0nm,1.1s		pmx		
ZEA	comp=Z,20nm,1.0s		MLR		
ZEA	comp=E,300nm,17.0s		MLR		
USRK	comp=Z,700nm,15.0s		P	03 57 53.4	-1.0
USRK	Ussuriysk Ar	19.90 256	P	03 57 53.4	-1.0
HEH	Heihe	19.98 276	eP	03 57 55.7	+0.5
HEH			pmx		
UNV	Unalaska Valle	20.40 73	P	03 58 01.0	-1.2
M11K	Mekoryuk	20.40 54	P	03 58 00.6	-1.5
JSD	Sado	20.62 234	P	03 58 02.4	+0.2
JSD			IAMB		
TNA	Tin City	20.99 39	P	03 58 06.5	+0.5
TNA			IAMB		
TNA	comp=Z,84nm,1.4s		P	03 58 09.7	
TNA	Tin City	20.99 39	P	03 58 06.3	+0.3
K13K	Kusilivak Mount	21.37 50	P	03 58 10.9	+0.8
K13K	Kusilivak Mount	21.37 50	P	03 58 10.8	+0.6
PSTR	Posyet	21.50 254	iP	03 58 12.8	+1.1
F14K	Arctic Creek	21.58 40	P	03 58 13.3	+1.0
ANM	Nome	21.67 42	P	03 58 13.9	+0.6
ANM			IAMB		
ANM	comp=Z,73nm,1.4s		P	03 58 13.9	+0.6
ANM			pmx		
ANM	comp=Z,73nm,1.4s		P	03 58 14.3	+1.1
M13K	Dall Lake	21.81 54	P	03 58 16.3	+1.5
M13K			IAMB		
M13K	comp=Z,126nm,1.5s		P	03 58 16.1	+1.3
MAJO	Matsushiro	21.83 231	P	03 58 15.7	+0.4
MAJO			IAMB		
MAJO	comp=Z,58nm,0.8s		P	03 58 15.8	+0.5
MAJO			pmx		
MJAR	Matsushiro Arr	21.83 231	P	03 58 16.0	+0.8
MJAR	comp=Z,79nm,1.3s		P		
MJAR	comp=Z,9.6nm,0.5s,baz=18,slow=12,SNR=48		LR		
MJAR	comp=Z,227nm,20.9s,baz=30,slow=36		LR		
MJAR	comp=Z,9.6nm,0.5s		P	03 58 15.7	+0.4
MJAR	Matsushiro Arr	21.83 231	P	03 58 15.7	+0.4
MJAR			pmx		

P18K	Big Mountain	25.90	57	P	P	03 58 54.6	+0.3
L19K	White Mountain	25.99	50	P	P	03 58 55.1	+0.1
BOD	Bodaibo	26.04	300	eP	P	03 59 07.3	+1.2
F20K	Avaaragt Lake	26.13	39	P	P	03 58 56.3	+0.1
N19K	Gonanaa Creek	26.19	53	P	P	03 58 57.0	+0.1
D20K	Etiwuk River	26.20	35	P	P	03 58 56.5	-0.3
CHIR	Chirikof Islan	26.21	65	P	P	03 58 57.5	+0.5
H20K	Anotleneega Mo	26.21	43	P	P	03 58 57.1	+0.2
E20K	Nigu River	26.23	36	P	P	03 58 57.2	+0.1
I20K	Naaghedeneel	26.30	44	P	P	03 58 57.7	+0.1
O19K	Port Aisworth	26.30	55	P	P	03 58 58.2	+0.5
K20K	Telida	26.38	47	P	P	03 58 58.3	-0.2
J20K	Nowitna River	26.39	46	IAMB	IAMB	03 59 15.9	
J20K	Nowitna River	26.39	46	P	P	03 58 58.4	-0.2
B20K	Meade River	26.40	32	P	P	03 58 57.9	-0.6
R18K	Karluk	26.53	61	P	P	03 58 59.7	-0.1
KSR5	Korea Array	26.58	248	P	P	03 59 00.4	0.0
KSR5	Korea Array	26.58	248	P	P	03 59 00.4	0.0
Q19K	Cape Douglas	26.76	57	P	P	03 59 01.9	-0.1
M20K	Styx River	26.80	51	P	P	03 59 02.3	-0.1
SII	Sitkinak Islan	26.85	63	P	P	03 59 02.6	-0.2
P19K	Oil Pt	26.89	56	P	P	03 59 02.6	-0.5
G21K	Allakaket	26.91	40	P	P	03 59 02.1	-1.0
C21K	Knifeflade Rid	26.95	35	P	P	03 59 02.9	-0.6
A21K	Barrow	27.02	30	P	P	03 59 03.0	-1.0
F21K	Alatina River	27.02	39	P	P	03 59 03.9	-0.3
E21K	Kilik River	27.07	36	P	P	03 59 04.0	-0.7
H21K	Melozitna Rive	27.09	42	P	P	03 59 04.8	0.0
B21K	Ikkipuk River	27.13	34	IAMB	IAMB	03 59 06.9	
B21K	Ikkipuk River	27.13	34	P	P	03 59 04.3	-0.8
O20K	Slope Mountain	27.16	55	P	P	03 59 04.9	-0.6
CHUM	Lake Minchumin	27.18	46	P	P	03 59 05.2	-0.4
OHAK	Old Harbor	27.21	61	IAMB	IAMB	03 59 06.1	+0.1
OHAK	Old Harbor	27.21	61	P	P	03 59 05.8	-0.1
PPLA	Purkeypile	27.23	49	P	P	03 59 05.3	-0.9
SPCR	Spurr Chakacha	27.27	52	P	P	03 59 06.2	-0.4
I21K	Tanana	27.39	44	P	P	03 59 08.2	+0.8
I21K	Tanana	27.39	44	P	P	03 59 07.1	-0.4
A22K	Sinclair Lake	27.42	31	P	P	03 59 07.4	-0.2
Q20K	Shuyak Island	27.45	58	P	P	03 59 07.6	-0.5
KDAK	Kodiak Island	27.48	60	P	P	03 59 08.4	0.0
KDAK	Kodiak Island	27.48	60	P	P	03 59 08.4	0.0
KDAK	Kodiak Island	27.48	60	P	P	03 59 07.9	-0.5
SKT	Skwerina	27.55	51	P	P	03 59 08.1	-0.9
F22K	John River	27.57	38	P	P	03 59 08.1	-1.0
D22K	Aiykyak River	27.63	35	P	P	03 59 09.0	-0.6
HOM	Homer	27.70	56	P	P	03 59 09.5	-0.8
H22K	Ishlaltina Cre	27.70	42	P	P	03 59 09.0	-1.3
B22K	Teshkepuk Lake	27.72	32	P	P	03 59 09.4	-1.0
G22K	Bettles	27.75	40	P	P	03 59 09.7	-0.9
BPAW	Bear Paw Mtn.	27.77	46	P	P	03 59 10.7	-0.3
KTH	Kantishna Hill	27.80	47	IAMB	IAMB	03 59 45.2	
E22K	Anaktuvuk Pass	27.80	37	P	P	03 59 10.8	-0.4
CAPN	Captain Cook N	27.82	53	P	P	03 59 11.3	0.0
SUA	Susitna One	27.96	52	P	P	03 59 12.2	-0.6
TRF	Thorofore Moun	28.08	47	P	P	03 59 12.8	-1.1
CUT	Chulitna	28.12	50	P	P	03 59 13.2	-0.9
BRSE	Bradley Lake S	28.14	55	P	P	03 59 13.8	-0.5
JNU	Nakatsue	28.20	238	P	P	03 59 15.2	+0.2
JNU	Nakatsue	28.20	238	P	P	03 59 15.2	+0.2
M22K	Willow	28.24	51	P	P	03 59 13.7	-1.3
COLD	Coldfoot	28.29	39	P	P	03 59 13.9	-1.6
G23K	Bananza Creek	28.31	40	P	P	03 59 14.4	-1.4
D23K	Nanushuk River	28.36	36	P	P	03 59 14.3	-1.8
RC01	Rabbit Creek A	28.48	52	P	P	03 59 15.8	-1.4
I23K	Minto, Yukon-K	28.50	44	IAMB	IAMB	03 59 25.0	
I23K	Minto, Yukon-K	28.50	44	P	P	03 59 16.3	-1.0
C23K	Iklik River	28.54	34	IAMB	IAMB	03 59 19.9	
C23K	Iklik River	28.54	34	P	P	03 59 15.6	-2.0
O22K	Cooper Landing	28.55	54	P	P	03 59 16.8	-1.0
E23K	Chandalar	28.61	38	P	P	03 59 17.1	-1.4
NEA2	Nenana	28.61	45	P	P	03 59 17.1	-1.3
MCK	McKinley	28.68	47	P	P	03 59 17.5	-1.5
TOLK	Toolik Lake Re	28.70	36	P	P	03 59 17.3	-1.9
PMR	Palmer	28.72	51	P	P	03 59 17.8	-1.6
SEW	Seward	28.73	54	P	P	03 59 18.0	-1.5
WAT1	Susitna Watana	28.89	49	P	P	03 59 19.6	-1.4
E24K	Your Creek	29.03	38	P	P	03 59 20.3	-1.8
D24K	Happy Valley	29.04	35	P	P	03 59 20.3	-1.9
KNK	Knik Glacier	29.06	51	IAMB	IAMB	03 59 23.8	
KNK	Knik Glacier	29.06	51	P	P	03 59 21.5	-1.0
SML	Sawmill	29.08	51	IAMB	IAMB	03 59 24.1	
SML	Sawmill	29.08	51	P	P	03 59 21.5	-1.1
H24K	Noodor Dome	29.13	42	P	P	03 59 22.1	-0.9

COLA	College	29.13	44	P	P	03 59 22.0	-1.0
COLA	College	29.13	44	P	P	03 59 21.3	-1.7
C24K	Franklin Bluff	29.17	34	P	P	03 59 21.8	-1.5
PWL	Port Wells	29.18	53	P	P	03 59 21.0	-2.5
F24K	Squaw Lake	29.21	39	P	P	03 59 21.3	-2.5
WAT6	Susitna Watana	29.29	49	P	P	03 59 22.7	-1.9
POKR	Pokot Plat Res	29.31	44	P	P	03 59 22.7	-1.8
G24K	Hadweezic Riv	29.32	41	P	P	03 59 23.0	-1.7
M23K	Glacier View	29.37	51	P	P	03 59 23.5	-1.7
DHY	Denali Highway	29.41	48	P	P	03 59 23.5	-2.2
HDA	Harding Lake	29.53	45	IAMB	IAMB	03 59 28.9	
HDA	Harding Lake	29.53	45	P	P	03 59 25.0	-1.6
IL31	Elison Array	29.55	45	P	P	03 59 27.2	+0.6
ILAR	Elison Array	29.55	45	P	P	03 59 27.1	+0.4
ILAR	Elison Array	29.55	45	P	P	03 59 27.1	+0.4
ILAR	Elison Array	29.55	45	P	P	03 59 27.1	+0.4
SCM	Sheep Creek	29.55	51	P	P	03 59 25.3	-1.5
JSU	Suzuyama	29.70	236	P	P	03 59 29.3	+1.0
P23K	Montague Islan	29.77	54	P	P	03 59 27.6	-1.1
GLI	Glacier Island	29.78	52	P	P	03 59 27.6	-1.2
G25K	Bearman Lake	29.87	40	P	P	03 59 27.0	-2.5
D25K	Kavik River	29.93	35	P	P	03 59 28.1	-2.0
M24K	Tolsona, Glenn	30.06	50	P	P	03 59 30.3	-1.0
F25K	Christian Rive	30.07	39	P	P	03 59 29.8	-1.6
K24K	Donnelly Dome	30.08	46	P	P	03 59 30.7	-0.7
PRP	Porcupine Dome	30.10	43	P	P	03 59 32.3	+0.6
PRP	Porcupine Dome	30.10	43	P	P	03 59 31.1	-0.7
E25K	Arctic Village	30.13	38	P	P	03 59 30.9	-0.9
J25K	Salcha River	30.20	45	IAMB	IAMB	03 59 48.8	
J25K	Salcha River	30.20	45	P	P	03 59 31.7	-0.9
KLU	Klutina	30.26	51	P	P	03 59 32.3	-0.7
PAX	Paxson	30.29	48	P	P	03 59 32.2	-1.2
Q23K	Middleton Isla	30.39	55	P	P	03 59 33.5	-0.7
BYAK	Burnt Mountain	30.48	39	P	P	03 59 36.1	+1.2
EMAR	Cordova Ski Ar	30.49	53	P	P	03 59 34.2	-0.8
RIDG	Independent Ri	30.50	46	P	P	03 59 33.9	-1.2
HARP	HARP	30.50	49	P	P	03 59 33.7	-1.4
C26K	Campen Bay	30.50	34	P	P	03 59 34.0	-1.1
F26K	Sheenjek River	30.65	39	P	P	03 59 35.3	-1.2
G26K	Porcupine Rive	30.79	40	P	P	03 59 36.6	-0.9
SCRK	Sand Creek	30.85	46	P	P	03 59 38.1	-0.3
SCRK	Sand Creek	30.85	46	P	P	03 59 36.8	-1.5
N25K	Chitina, Valde	30.87	51	P	P	03 59 35.9	-2.6
C27K	Jago River	30.89	35	P	P	03 59 36.5	-2.0
BMRM	Bremner River	30.97	52	P	P	03 59 37.6	-1.7
J26L	Joseph Creek	30.99	45	P	P	03 59 37.3	-2.2
MENT	Mentasta	31.09	48	P	P	03 59 40.7	+0.4
L26K	Log Cabin Wild	31.25	48	P	P	03 59 40.4	-1.3
KAIM	Kayak Island	31.25	54	P	P	03 59 39.5	-2.3
M26K	Nabesna, AK	31.49	49	P	P	03 59 41.8	-2.1
E27K	Coleen River	31.61	38	P	P	03 59 42.3	-2.6
G27K	Oyora Strip	31.63	40	P	P	03 59 43.4	-1.6
MCARA	McCarthy VSAT	31.65	51	P	P	03 59 44.4	-0.8
K27K	Chicken	31.69	46	IAMB	IAMB	03 59 47.2	
H27K	Steamboat Moun	31.71	41	IAMB	IAMB	03 59 48.5	
H27K	Steamboat Moun	31.71	41	P	P	03 59 43.4	-2.4
I27K	Kandik River	31.72	43	P	P	03 59 44.1	-1.8
CRQE	Cirque	31.74	52	P	P	03 59 44.9	-1.3
D27M	Malcolm River	31.85	36	IAMB	IAMB	03 59 48.9	
D27M	Malcolm River	31.85	36	P	P	03 59 45.5	-1.4
L27K	Beaver Creek	31.93	47	IAMB	IAMB	03 59 50.2	
L27K	Beaver Creek	31.93	47	P	P	03 59 46.7	-1.0
BCAR	Beaver Creek A	31.95	47	IAMB	IAMB	03 59 48.9	+1.0
M27K	Edge Creek, AK	32.02	49	P	P	03 59 47.3	-1.3
F28M	Old Crow	32.28	39	P	P	03 59 51.8	+1.0
F28M	Old Crow	32.28	39	P	P	03 59 50.1	-0.7
E28M	Babbage River	32.37	37	IAMB	IAMB	03 59 58.0	
E28M	Babbage River	32.37	37	P	P	03 59 51.2	-0.4
I28M	Miner Creek	32.44	43	P	P	03 59 51.4	-0.8
BVCY	Beaver Creek	32.47	49	P	P	03 59 52.0	-0.5
CTG	Chitna Glacier	32.53	51	P	P	03 59 52.3	-0.8
CTGM	Chitina Glacie	32.54	51	IAMB	IAMB	03 59 55.5	
D28M	Stokes Point	32.64	36	P	P	03 59 51.7	-2.0
YUK3	Moose Creek	32.78	50	P	P	03 59 53.4	-2.0
DAWY	Dawson	32.85	45	IAMB	IAMB	03 59 56.3	+0.5
DAWY	Dawson	32.85	45	P	P	03 59 54.9	-0.9
E29M	Blow River	32.98	37	IAMB	IAMB	03 59 59.5	
E29M	Blow River	32.98	37	P	P	03 59 55.6	-1.3
H29M	Whitestone	32.99	41	P	P	03 59 55.9	-1.1
G29M	Pine Creek	33.05	40	IAMB	IAMB	04 00 07.6	
G29M	Pine Creek	33.05	40	P	P	03 59 57.0	-0.6
I29M	Ogilvie Camp,	33.12	43	P	P	03 59 57.6	-0.5
O28M	Mount Upton	33.12	51	IAMB	IAMB	04 00 00.7	
O28M	Mount Upton	33.12	51	P	P	03 59 57.0	-1.5
ULN	Ulanbaatar	33.19	283	P	P	03 59 59.3	+0.2

ULN	Ulanbaatar	33.19	283	P	P	03 59 59.3	+0.2
YUK8	Steele Glacier	33.21	50	P	P	03 59 58.6	-0.6
H11N2	WAKE ISLAND Hy	33.24	167	T	T	04 35 56.6	
H11N3	WAKE ISLAND Hy	33.26	1				

P32M	Atlin	36.56	52	P	P	04 00 27.3	-0.5
R32K	Eaglecrest	36.62	54	P	IAMB	04 00 29.4	+1.2
R32K	Eaglecrest	36.62	54	P	P	04 00 28.6	+0.4
SIT	Sitka	36.65	56	P	P	04 00 28.7	+0.2
P33M	Teslin, Yukon	36.78	51	P	P	04 00 30.0	+0.3
A36M	Sachs Harbour	36.86	30	P	IAMB	04 00 30.9	+0.8
A36M	Sachs Harbour	36.86	30	P	P	04 00 29.8	-0.3
S32K	Killsnoo	36.88	55	P	P	04 00 30.4	0.0
KNGR	Kungurtug, Tuv	37.45	293	i	P	04 00 35.9	+0.3
Q32M	Nakina River	37.48	52	P	P	04 00 36.5	+0.7
C36M	Paulatuk	37.78	34	IAMB	IAMB	04 00 39.9	
C36M	Paulatuk	37.78	34	P	P	04 00 39.0	+1.0
R33M	Jennings River	37.94	51	IAMB	IAMB	04 00 43.2	
R33M	Jennings River	37.94	51	P	P	04 00 40.3	+0.6
U33K	Whale Pass	38.14	57	P	P	04 00 42.1	+1.0
CRAG	Craig	38.40	58	P	P	04 00 42.9	-0.4
S34M	Telegraph Cree	38.42	54	P	P	04 00 43.6	+0.1
WTLV	Watson Lake, Y	38.70	50	P	P	04 00 45.7	-0.2
T35M	Bob Quinn	39.23	55	P	P	04 00 51.5	+1.2
V35K	Ketchikan	39.24	58	P	P	04 00 50.4	+0.1
WRGL	Wrigley	39.91	43	P	P	04 00 56.0	+0.2
LZHD	Liard River Hi	40.23	50	P	P	04 00 58.8	+0.2
GUMO	Guam	40.52	202	LR	LR	04 13 43.6	
TOAD	Toad River Com	40.88	50	P	P	04 01 03.9	-0.1
YULB	Yu-i	41.01	240	P	P	04 01 06.0	+0.6
TPUB	Ta-pu	41.03	240	P	P	04 01 09.6	+0.7
LZH	Lanzhou	41.88	270	eP	pP	04 01 13.6	+1.0
LZH	Lanzhou			pP	pP	04 01 27.5	+1.7
LZH	Lanzhou			sP	sP	04 01 35.0	+3.0
LZH	Lanzhou			pmax	pmax		
LZH	Lanzhou			LR	LR		
LZH	Lanzhou			LR	LR		
LZH	Lanzhou			LR	LR		
LZDM	Lanzhou Array	42.06	270	P	P	04 01 12.3	-2.0
LZDM	Lanzhou			LR	LR	04 20 16.3	
GT2A	Gaotai	42.21	277	eP	pP	04 01 15.1	-0.1
GT2A	Gaotai			pP	pP	04 01 28.8	+0.2
GT2A	Gaotai			pmax	pmax		
GT2A	Gaotai			pmax	pmax		
GT2A	Gaotai			LR	LR		
GT2A	Gaotai			LR	LR		
GT2A	Gaotai			LR	LR		
ZALV	Zaleski Beam	42.71	303	P	P	04 01 16.3	-2.6
ZALV	Zaleski Beam			LR	LR	04 20 18.4	
DGZ	Jazzator, Alta	43.52	296	i	P	04 01 25.4	-0.3
DGZ	Jazzator, Alta			pmax	pmax		
ALE	Alert	43.56	7	P	P	04 01 25.7	+0.3
ALE	Alert			pP	pP	04 01 12.0	+1.2
ALE	Alert			pP	pP	04 03 12.0	-0.1
YKA	Yellowknife Ar	43.90	42	P	P	04 01 29.0	+0.6
YKA	Yellowknife Ar	43.90	42	P	P	04 01 29.1	+0.8
YKA	Yellowknife Ar	43.90	42	P	P	04 01 29.1	+0.8
RES	Resolute Bay	44.03	22	LR	LR	04 21 31.3	
RES	Resolute Bay	44.03	22	P	P	04 01 29.9	+0.6
RES	Resolute Bay	44.03	22	P	P	04 01 29.9	+0.6
WMQ	Urumqi	46.74	289	eP	pP	04 01 52.7	+1.5
WMQ	Urumqi			pP	pP	04 02 05.3	+0.7
WMQ	Urumqi			pmax	pmax		
WMQ	Urumqi			LR	LR		
WMQ	Urumqi	46.74	289	eP	pmax	04 01 48.7	-2.5
KBS	Kingsbay	47.39	352	eP	P	04 01 57.2	+1.5
TULEG	Thule	47.63	14	IAMB	IAMB	04 01 57.1	-0.4
TULEG	Thule			IAMB	IAMB	04 01 58.2	
TULEG	Thule	47.63	14	i	P	04 01 57.3	-0.3
TULEG	Thule			IAMB	IAMB	04 01 58.4	
SPA0	Spitsbergen Ar	47.63	350	eP	P	04 01 57.0	-0.7
SPITS	Spitsbergen Ar	47.63	350	P	P	04 01 57.8	-0.8
SPITS	Spitsbergen Ar			LR	LR	04 22 27.1	
SPB2	Spitsbergen Ar	47.64	350	P	P	04 01 56.7	-0.9
SPB2	Spitsbergen Ar			IAMB	IAMB	04 02 06.4	
KURK	Kurchatov	47.66	302	P	P	04 01 56.5	-1.6
KURK	Kurchatov	47.66	302	P	P	04 01 56.5	-1.6
KURK	Kurchatov			pmax	pmax		
KURBB	Kurchatov Arr	47.76	302	P	P	04 01 56.3	-2.6
KURBB	Kurchatov Arr			LR	LR	04 23 29.0	
MKAR	Makanchi Array	48.00	296	P	P	04 01 59.0	-1.9
MKAR	Makanchi Array			LR	LR	04 23 29.0	
MKAR	Makanchi Array			LR	LR	04 23 29.0	
MKAR	Makanchi Array			LR	LR	04 23 29.0	
MKAR	Makanchi Array			LR	LR	04 23 29.0	
MKAR	Makanchi Array			LR	LR	04 23 29.0	
NEEM	North Greenlan	48.03	8	i	P	04 02 07.6	-0.4
NEEM	North Greenlan			IAMB	IAMB	04 02 10.1	
POIN	Pond Inlet	48.97	19	P	P	04 02 08.2	+0.3
BLKN	Baker Lake	49.83	33	P	P	04 02 14.6	0.0
EPH	Ephrata	49.84	62	IAMB	IAMB	04 02 16.3	
WAH2	Wahluke Slope	50.22	62	IAMB	IAMB	04 02 19.8	
C09A	Chrisman Ranch	50.27	60	IAMB	IAMB	04 02 20.3	
BVAR	Borovoye Array	50.40	308	P	P	04 02 16.9	-2.1
BVAR	Borovoye Array			pP	pP	04 03 36.6	-0.2
BVAR	Borovoye Array			LR	LR	04 25 44.1	
BORK	Borovoye	50.42	308	P	P	04 02 17.5	-1.7
BORK	Borovoye	50.42	308	P	P	04 02 17.5	-1.7

BORK	Borovoye	50.42	308	P	P	04 02 17.5	-1.7
ILON	Ilgolich, Nuna	50.53	24	IAMB	IAMB	04 02 24.8	
BBOR	Butler Butte	50.93	68	P	P	04 02 25.3	+1.9
BBOR	Butler Butte			IAMB	IAMB	04 02 26.6	
DAG	Danmarks Havn	50.98	359	P	P	04 02 23.1	0.0
DAG	Danmarks Havn			pmax	pmax		
DAG	Danmarks Havn	50.98	359	i	P	04 02 22.0	-1.1
DAG	Danmarks Havn			IAMB	IAMB	04 02 23.7	
LNOR	Lincoln Mounta	51.47	62	IAMB	IAMB	04 02 29.7	
YBH	Yreka Blue Hor	51.65	69	IAMB	IAMB	04 02 32.3	
F10A	Beach Ranch, E	51.97	62	IAMB	IAMB	04 02 32.7	
UPNV	Upernavik	52.60	13	i	P	04 02 34.6	-0.7
UPNV	Upernavik			IAMB	IAMB	04 02 36.2	
BMO	Blue Mountains	52.65	63	IAMB	IAMB	04 02 38.6	
MSO	Missoula	53.16	59	IAMB	IAMB	04 02 42.3	
PLID	Pearl Lake	53.20	62	IAMB	IAMB	04 02 42.8	
DBG	Daneborg	53.47	360	i	P	04 02 40.5	-1.0
DBG	Daneborg			IAMB	IAMB	04 02 41.9	
ARTI	Arti	53.62	317	P	P	04 02 41.2	-1.8
ARTI	Arti			LR	LR	04 28 01.3	
ARTI	Arti	53.62	317	P	P	04 02 41.3	-1.7
ARTI	Arti			IAMB	IAMB	04 04 01.1	
ARTI	Arti	53.62	317	i	P	04 02 42.9	-0.1
ARTI	Arti			S	S	04 10 14.0	+1.7
ARTI	Arti			SS	SS	04 13 50.3	-2.0
ARTI	Arti			pmax	pmax		
ARTI	Arti	53.62	317	P	P	04 02 41.1	-1.8
ARAO	Arcees Array B	53.70	342	eP	pP	04 02 45.1	+1.7
ARCEA	Arcees Array B	53.70	342	P	P	04 02 41.7	-1.7
ARCEA	Arcees Array B			P	P	04 02 42.0	-1.4
ARCEA	Arcees Array B			P	P	04 02 42.0	-1.4
FFC	Fin Flon	53.76	45	P	IAMB	04 02 45.1	+1.2
FFC	Fin Flon			IAMB	IAMB	04 02 46.0	
FFC	Fin Flon	53.76	45	P	P	04 02 45.1	+1.2
FFC	Fin Flon			pmax	pmax		
FFC	Fin Flon	53.76	45	P	pP	04 02 44.7	+0.7
FFC	Fin Flon			pP	pP	04 03 00.1	+2.0
ORV	Oroville	53.77	70	IAMB	IAMB	04 02 46.7	
MFID	Camas Ranch	54.39	63	IAMB	IAMB	04 02 51.7	
KTK1	Kautokoinen	54.58	342	eP	P	04 02 49.8	+0.1
KTK1	Kautokoinen			IAMB	IAMB	04 02 51.1	
SUMG	Summit	54.59	6	IAMB	IAMB	04 02 53.3	
SUMG	Summit	54.59	6	i	P	04 02 50.6	+0.3
SUMG	Summit			IAMB	IAMB	04 02 53.1	
JETT	Jettan, Norway	54.61	344	eP	IAMB	04 02 50.7	+0.7
JETT	Jettan, Norway			IAMB	IAMB	04 02 52.0	
TRO	Tromso	54.80	344	eP	P	04 02 50.8	-0.5
DLMT	Dillon	54.83	60	IAMB	IAMB	04 02 54.8	
PAHR	Pah Rah Range	54.88	69	IAMB	IAMB	04 02 55.6	
AAK	Ala-Archa	54.93	296	LR	LR	04 27 50.7	
SAATT	Saattut	54.99	12	i	P	04 02 52.5	-0.1
SAATT	Saattut			IAMB	IAMB	04 02 56.5	
CMB	Columbia Colle	55.44	71	IAMB	IAMB	04 02 59.7	
KIRV	Kirov	55.59	323	LR	LR	04 29 54.2	
YHL	Hebgen Lake	55.92	59	IAMB	IAMB	04 03 03.0	
YHB	Hotse Butte	55.98	59	IAMB	IAMB	04 03 03.4	
RYN	Ryan	56.11	69	IAMB	IAMB	04 03 04.6	
YMR	Madison River	56.16	59	IAMB	IAMB	04 03 04.8	
YNR	Norris Junctio	56.27	59	P	P	04 03 04.3	+1.7
YNR	Norris Junctio			IAMB	IAMB	04 03 06.2	
NVAR	Nina Array Bea	56.37	69	P	P	04 03 05.6	+2.2
NVAR	Nina Array Bea			LR	LR	04 24 36.7	
NVAR	Nina Array Bea			LR	LR	04 03 05.2	+1.8
LHV	Little Hootson	56.38	69	P	P	04 03 05.6	+2.6
NV11	Mina Array Sit	56.45	69	IAMB	IAMB	04 03 07.1	
MDPB	Devils Postpil	56.47	70	IAMB	IAMB	04 03 07.5	
JMIC	Jan Mayen	56.50	355	LR	LR	04 26 23.4	
FXWY	Fox Creek	56.53	60	IAMB	IAMB	04 03 09.8	
MOOW	Moose Ponds	56.90	60	IAMB	IAMB	04 03 10.3	
DGMT	Dagmar	56.97	52	IAMB	IAMB	04 03 09.6	
JAY	Jayapura	57.04	202	LR	LR	04 24 24.3	
LOHW	Long Hollow	57.07	60	IAMB	IAMB	04 03 11.7	
SNOW	Snow King Mount	57.09	60	P	P	04 03 09.8	+1.4
SNOW	Snow King Mount			IAMB	IAMB	04 03 12.2	
HVU	Hansel Valley	57.16	63	IAMB	IAMB	04 03 12.2	
KLMR	Klimovskoe	57.23	330	eP	S	04 03 08.0	-0.8
KLMR	Klimovskoe			S	S	04 10 58.6	-1.6
CHTO	Chiung Mai	57.34	258	P	pmax	04 03 10.7	+0.5
CHTO	Chiung Mai			pmax	pmax		
TIN	Tinmahua, Big	57.36	70	P	P	04 03 11.1	+0.9
TIN	Tinmahua, Big	57.36	70	P	P	04 03 11.1	+0.9
TIN	Tinmahua, Big			pmax	pmax		
FAUS	Fauske	57.42	344	eP	P	04 03 09.5	-0.5
FAUS	Fauske			IAMB	IAMB	04 03 10.7	
CMAR	Chiang Mai Arr	57.62	258	P	P	04 03 11.4	-0.7
CMAR	Chiang Mai Arr			LR	LR	04 31 16.4	
YES	Vesta, Richth	57.71	72	P	P	04 03 13.8	+1.2
ABKAR	Abkula array	57.83	310	P	P	04 03 10.6	-2.6
CWC	Cottonwood Cre	57.87	71	IAMB	IAMB	04 03 16.9	
AKTO	Aktuyubinsk	57.88	312	P	P	04 03 11.3	-2.3
AKTO	Aktuyubinsk			LR	LR	04 30 40.8	
AKTO	Aktuyubinsk			LR	LR	04 30 40.8	
AKTO	Aktuyubinsk			LR	LR	04 30 40.8	
AKTO	Aktuyubinsk			LR</			

1d 3h

2020 JAN

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TUC Tucson, ASK Askoy, TASM ASL Pad, ANMO Albuquerque, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CCM Cathedral Cave, TXAR Lajitas Ar, TXAR Lajitas Ar, TXAR Lajitas Ar, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NATX Nacogdoches, DRGR Rotzenhulle, MODS Modra-Piesok, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for stations like GAMI Galela, Maluku, TERNATE, and various stations in the Molucca Sea region.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for stations like JHCU Oshima 3, JIM2 Oshima 3, BSO3 Boso 3, and various stations in the Indonesian archipelago.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for stations like ABH3 Manabi, Bahia, AMNT Manta-Manabi, CAB1 Cabo Pasado, and various stations in Ecuador.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for stations like GGPT Toaza, Volcan, TERV Terraza, and various stations in the Andean region.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for stations like POPC Popayan, Colom, FLOC Florencia, JAMC Jamundi, and various stations in the northern part of South America.

ICG 01 05:12:32.0.3.1, 33.52Sx178.52W, h0km, mb3.7/2, mbmp3.9/3, ML4.1/1, Error ellipse: s-maj=74.8km s-min=36.6km az=119.0

WEL 01 05:12:34.0.6.33.52S, 12.17W, 93.0.0, h12km, mb4.6/6, ML4.2/5, MLv4.2/10, Mw(MB)3.9/6, Error ellipse: s-maj=41.9km s-min=3.8km az=112.2, confirmed

ISC 01 05:12:34.2.1.7, 33.55S, 0.1x178.3W, 0.3, h35km, n30, r122/50, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for stations like GLKZ Green Lake, MXZ Matakoa Point, WMGZ Waiomatatini, and various stations in the Pacific region.

MEX 01 05:22:17.3.0.7, 15.14N, 92.71W, h105km, 7km, MD3.9 GCG 01 05:22:17.4.0.3, 15.04N, 92.70W, h93km, 5km, MD3.5

ISC 01 05:22:14.4.1.6, 14.94N, 0.08, 92.81W, 0.06, h106km, 11km, n15, r186/28, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for stations like THIG Union Juarez, PATR El Naranjo, PAVE Pavencul, and various stations in the Central American region.

PDG 01 05:22:27.2.0.3, 44.05N, 17.34E, h11km, 1km, ML3.1/11, Error ellipse: s-maj=0.6km s-min=1.0km az=0.0

BEO 01 05:22:27.0.2.44, 06N, 17.31E, h0km, ML2.8/15 PRU 01 05:22:29.6.43, 97N, 17.07E, h0km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for stations like RIC1 Ricice, KJUV Kijevo, and various stations in the Balkan Peninsula.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for stations like JMA 01 04:57:00.7.0.2, 33.9N, 0.4, 139.9E, 0.9, h123km, 1km, MV2.9/29, FAR S OFF BOSO PENINSULA

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for stations like JHCU Oshima 3, JIM2 Oshima 3, BSO3 Boso 3, and various stations in the Indonesian archipelago.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Banja Luka, Hvar, Morici, Ston, Zirje, Lastovo, Bratogost, Dubrovnik, etc.

Table with columns: PKGZ, Pakihiroa, HAZ, Te Kaha, PUKETITI, RAUKUMARA RANG, TAUHAREPARE, CARNAUGH STATIO, MATAWAI, UREWERA, RIMUHAU, RAWIRI, SHANNON STATIO, MAHIA PENINSUL, MURUPARA, MAUNGATANIWA, MOUMAKAI, TAHOURA ROAD, WAIPU CAVES, CHATHAM ISLAND, etc.

IGQ 01 05:25:38.0, 0.5, 1 S, 3.3, 8.1 W, h12km, 1km, M4, 0/25, mb4.4/2, mB4.8/1, Mjma3.9/25, MLV3.8/25, Ms(BB)3.9/20, Mw(MB)4.0/1

ISC 01 05:25:37.2, 1.2, 0.86S, 0.04, 80.83W, 0.06, h10km, n105, r139/105, 10C-10D, Near coast of Ecuador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Manta-Manabi, Manabi, Bahia, Cabo Pasado, Ecuador-Portov, Isla de la Pia, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Moresby, Charters Tower, Warrunganga Arr, Alice Springs, Urewera, Chiang Mai Arr, Songino Array, Makani Array, Zalesovo Beam, Eielson Array, etc.

IGQ 01 05:31:42.4, 2.3, 8.51S, 121.75E, h0km, mb3.6/1, mbtmp3.5/3, ML3.4/2, Error ellipse: s-maj=276.0km s-min=30.0km az=54.0

DJA 01 05:31:55.1, 0.2, 9 S, 3.3, 12.1 E, h97km, 4km, M3.8/12, mb4.3/5, MLV3.5/12

ISC 01 05:31:55.1, 0.9, 3.9S, 0.06, 121.32E, 0.04, h35km, n18, c357/21, Savu Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ende, Flores, Waingapu, Baing, Sumba, Maumere, Waikabubak, Baunata, etc.

PDG 01 05:33:36.0, 0.2, 43.14N, 18.10E, h13km, 1km, MD3.0/2, ML2.9/1, Error ellipse: s-maj=0.6km s-min=1.6km az=0.0

BEO 01 05:33:36.7, 0.3, 43.12N, 18.09E, h10km, 2km, ML2.5/19

PRU 01 05:33:37.0, 4.3, 16N, 18.28E, h10km, VIE 01 05:33:39.4, 0.5, 43.42N, 18.26E, h8km, mb2.7/13, ml2.6/9

ISC 01 05:33:58.1, 2.43, 17N, 0.02, 18.14E, 0.03, h8km, 9km, n59, r142/94, 8C-6D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Bratogost, Trebinje, Unac-Piva, Niksic, Herceg Novi, Cevo, Plijevija, Rudno, Brajci-Budva, Podgorica, etc.

WEL 01 05:22:48.1, 0.9, 35.57N, 17.99W, h12km, M3.9/12, s-min=17.0km az=119.3, confirmed, East of North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Matakaoa Point, MXZ, Waiomatatini S.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Tarama, Iriote-Funau, Hateruma jima, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Mina Guanaco, Iriote-Funau, Datong, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Fulli, Datong, Nioudou, etc.

IDD 01 08:03:37.61, 8.62N, 125.64E, h32km, 15km, mb3.3/6, mbtmp3.5/6, MS3.0/1, Error ellipse: s-maj=72.2km s-min=18.9km az=71.0

ISC 01 08:03:37.8-0.9, 6.6N, 125.7E, 0.5, h35km, n9, c0888/8, mb3.4/6, Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Davao City, Warramunga Arr, Alice Springs, etc.

AC01 Pan de Azucar 3.35 180 Pn 08 04 50.9 +0.0

AC02 Maricunga 4.24 162 Pn 08 05 04.5 +0.8

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Maricunga, Iliop Station, etc.

Wu-fen Shan 1.52 333 Pn 08 05 00.7 +0.6

Wu-fen Shan 1.52 333 Pn 08 05 00.7 +0.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Wu-fen Shan, Taichung City, etc.

SJA 01 08:03:53.9-0.7, 22.79S, 70.95W, h11km, 3km, ML4.0, MW3.8

NEIC 01 08:03:58.6-1.0, 22.80S, 0.02-70.72W, 0.07, h10km, 2km, mb4.0/5, ML3.9(GUCZ), Error ellipse: s-maj=10.9km s-min=3.1km az=258.0

GUC 01 08:04:02.9-0.3, 22.83S, 70.33W, h49km, 25km, mb3.6/2, mbtmp3.6/5, ML3.5/6, MS3.1/3, Error ellipse: s-maj=57.5km s-min=29.8km az=102.0

ISC 01 08:03:58.7-1.4, 22.78S, 0.02-70.57W, 0.05, h13km, 9km, n69, c1546/8, 3D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Iliop Station, Yonaguni jima, etc.

TRQA Torquist 16.22 156 Pn 08 07 55.3 0.0

TRQA Torquist 16.22 156 Pn 08 07 55.3 0.0

MDP Montagnes des 32.79 34 LR 08 25 15.6

TORD Torodi Ar. Bea 79.23 71 P 08 16 03.1 -1.1

MKAR Makanchi Array 147.57 36 PKPbc PKPbc 08 23 41.9 +0.9

TAP 01 08:07:12.0, 23.73N, 122.55E, h18km, ML3.1, C JMA 01 08:07:12.0, 23.73N, 122.55E, h20km, MV2.5/12, NEAR ISHIGAKIJIMA ISLAND

ISC 01 08:07:10.4-1.2, 23.71N, 122.54E, 0.02, h12km, 9km, n84, c0555/142, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like EOS4, EIOS3, Yonaguni jima, etc.

PDG 01 08:08:35.7-0.2, 43.11N, 18.92E, h8km, 2km, MD2.6/5, ML2.5/11, Error ellipse: s-maj=0.6km s-min=0.9km az=0.0

BEO 01 08:08:36.0-0.2, 43.13N, 18.92E, h1km, 1km, ML2.4/17

ISC 01 08:08:35.6-0.9, 43.13N, 18.92E, 0.02, h6km, 7km, n32, c071/60, SC-60, Northwestern Balkan Peninsula

UPM Unac-Piva 0.07 357 Pn 08 07 0.5 +0.5

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Bratogost, Niksic, etc.

TAP 01 08:13:00.4, 23.77N, 122.57E, h27km, ML3.4, C JMA 01 08:13:00.4, 23.77N, 122.57E, h27km, MV2.8/11, NEAR ISHIGAKIJIMA ISLAND

ISC 01 08:12:57.8-1.2, 23.74N, 122.53E, 0.02, h5km, 10km, n107, c0959/181, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations and their associated codes and times.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like CHN4, WDLH, WTP, etc.

TAP 01:08:17.08.0, 23.79N; 122.54E, h29km, ML3.6, C
JMA 01:08:17.07.3, 0.3, 24°N, 122.5E, 0.5, h16km, 4km,
MV3.0/1.2, NEAR ISHIGAKIJIMA ISLAND

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like EOSA, EOS3, EOS2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ZUZH, YM08, JIJ, etc.

ISC 01:08:17.06.5, 1.1, 23.76N, 122.48E, 0.02, h16km, 8km,
n109, 0474/169, 1C, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like EOSA, EOS3, EOS2, etc.

IDC 01:08:24.48.9, 3.2, 33.32S, 178.65W, h0km, mb3.8/2,
mbtmp3.83, ML3.6/1, Error ellipse: s-maj=75.5km
s-min=47.9km az=123.0

WEL 01:08:24.52.2, 1.3, 34°S, 107.17W, h12km, mb4.5/7,
ML4.0/1.3, MLv4.1/9, Mw(b)/3.6/7, Error ellipse:
s-maj=18.5km s-min=9.9km az=123.3, confirmed

ISC 01:08:24.52.1, 1.8, 33.45S, 178.3W, 0.2, h41km, n20,
c/193/27, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like MXZ, WMGZ, PKGZ, etc.

NEIC 01:08:31:24.1, 17.44S, 172.49W, h18km
NOU 01:08:31:24.0, 17.23S, 172.32W, h6km, mb5.2/48, Tonga Islands Region

NEIC 01:08:31:24.1, 2.9, 17.43S, 172.50W, 0.09, h10km, 1km,
mb5.4/138, Mw5.4/13, Error ellipse: s-maj=15.8km
s-min=11.3km az=245.0

NEIC 01:08:31:24.1, 17.54S, 172.28W, h18km, Moment Tensor Solution. Duration: 2s Moment tensor: Scale 1017Nm;
Mrr: 1.27, Mss: 0.13, Mtt: 0.14, Mss: 0.12, Mss: 0.51;
azul plane solution: Mo: 1.35000e+17, NP: 16.85000e+07,
8.51000e+07, 1.08.73000e+07, NP2: 174.34000e+07, 8.57.00000e+07, 2.7728000e+07. Principal axes: T: 1.4282, Plg74.0000;
AzM49.0000; N: -0.1790, Plg11.0000; AzM181.0000; P:
-1.2492, Plg11.0000; AzM273.0000;

IDC 01:08:31:26.1, 0.4, 17.57S, 172.95W, h0km, mb4.9/24,
mbtmp4.9/24, MS5.0/46 Error ellipse: s-maj=15.2km
s-min=12.1km az=140.0

MOS 01:08:31:28.0, 2.2, 17.40S, 173.02W, h10km, mb5.4/40,
MS5.3/6, Error ellipse: s-maj=11.2km s-min=10.5km
az=68.7

GCMT 01:08:31:32.0, 0.1, 17.58S, 0.01, 172.31W, 0.01, h12km,
MWS: 4/17, Moment Tensor Solution. s66, c155;
s147, c267. Duration: 1s2 Moment tensor: Scale 1017
Nm; Mrr: 1.05e+01; Mss: 0.09e+01; Mss: 1.14e+01;
Mss: 0.18e+04; Mss: 0.04e+01; Mrr: 1.1e+03; Best double
couple: Mo: 1.57000e+17, NP1: 176.0000e+07, 8.22.0000e+07,
1.79.0000e+07. NP2: 176.0000e+07, 8.68.0000e+07, 1.94.0000e+07.
Principal axes: T: 1.5300, Plg67.0000; AzM285.0000; N:
0.0770, Plg4.0000; AzM186.0000; P: -1.6110,
Plg23.0000; AzM94.0000; nst2 refers to body waves,
cutoff=40s. nst2 refers to surface waves, cutoff=50s.

BGR 01:08:31:36.5, 16.59S, 171.69W, h39km, MS5.3
ISC 01:08:31:26.5, 0.5, 17.53S, 172.47W, 0.04, h13km, 2km,
h13km; pP: n50, 2837/851, m53.3/174, MS5.2/71,
57C-50D, Tonga Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like NIUE, NIUE, NIUE, etc.

GLKZ		S	Sn	08 36 43.0 -5.3	comp=Z,29nm,1.8s	CNB	Canberra Magne	38.21 235	P	P	08 38 47.2 +1.0	MUN	Mundaring	65.33 242	P	P	08 42 09.6 +1.0
MARNC	Mare, Loyalty	18.79 255	P	08 35 41.3 -4.4	comp=Z,29nm,1.8s	CNTA	Charters Tower	39.09 260	LR	P	08 54 34.1	MUN	Mundaring	65.33 242	P	LR	08 42 09.7 +1.0
MARNC	Mare, Loyalty	18.79 255	P	08 35 54.5	comp=Z,29nm,1.8s	CTA	Charters Tower	39.09 260	P	P	08 38 52.1 -1.6	DAV	Davao City (W)	65.88 286	LR	P	09 10 45.8
MARNC	Mare, Loyalty	18.79 255	P	08 35 48.0 +1.8	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	APSI	Ampana	66.76 277	P	P	08 42 18.5 +0.4
MARNC	Mare, Loyalty	18.79 255	P	08 35 48.0 +1.8	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 52.1 -1.6	MRSI	Marisa	66.93 278	P	P	08 42 26.9 +7.7
PINNC	Pines Island,	19.52 252	I	08 35 51.7 -2.0	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	DBNI	Kabupaten Domp	67.74 268	P	P	08 42 22.2 -2.2
PINNC	Pines Island,	19.52 252	I	08 35 59.5	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	JHJ	Hachijo jima Z	67.93 318	LR	LR	09 09 38.9
SANVZ	Saravoutou	19.60 273	P	08 35 52.0 -2.7	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	PLAI	Plampang	68.16 267	P	P	08 42 27.1 +0.1
YATNC	Yaticm pteau,	20.23 254	P	08 36 00.5 +0.6	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	PLAI	Plampang	68.16 267	P	P	08 42 26.1 -0.9
DZM	Mont Dzumac	20.34 254	P	08 36 03.7 +0.9	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	TOLIZ	Tolitoli	68.23 278	P	I	08 42 24.4 -3.0
DZM	Mont Dzumac	20.34 254	eP	08 36 01.6 -1.2	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	TOLIZ	Tolitoli	68.23 278	P	I	08 42 31.7
DZM	Mont Dzumac	20.34 254	eS	08 39 41.1 -1.0	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	TOLIZ	Tolitoli	68.23 278	P	I	08 42 28.7 +1.2
DZM	Mont Dzumac	20.34 254	eR	08 40 47.7	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	MPISI	Mapaga	68.81 277	P	P	08 42 31.1 0.0
DZM	Mont Dzumac	20.34 254	P	08 36 01.7 -1.2	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	TWSI	Taliwang, Sumb	69.04 267	P	P	08 42 31.5 -1.0
DZM	Mont Dzumac	20.34 254	P	08 36 04.2 +1.4	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 37.4 -1.9
MXZ	Matakaoa Point	21.55 200	P	08 36 18.3 +2.8	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
MXZ	Matakaoa Point	21.55 200	P	08 36 18.7 +3.2	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 37.4 -1.9
OUZ	Omahuta	21.55 212	P	08 36 17.0 +1.4	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
OUZ	Omahuta	21.55 212	P	08 36 17.0 +1.4	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
OUZ	Omahuta	21.55 212	P	08 36 17.0 +1.4	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
WNGZ	Watuani S	21.74 200	P	08 36 21.1 +4.0	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
WZC	Waipu Caves	21.75 210	P	08 36 19.3 +1.6	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
KUZ	Kuaitou	21.80 206	P	08 36 20.8 +2.5	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
KUZ	Kuaitou	21.80 206	P	08 36 20.1 +1.9	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PAE	Paea	21.82 94	eT	08 58 36.6	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	ePKIKP	08 36 19.1 +0.3	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 41 12.4	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 41 19.9	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eT	08 58 43.8	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 41 12.4	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 41 19.9	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 58 43.8	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 41 12.4	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 41 19.9	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 58 43.8	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 41 12.4	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 41 19.9	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 58 43.8	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 41 12.4	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 41 19.9	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 58 43.8	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 41 12.4	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 41 19.9	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 58 43.8	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 41 12.4	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 41 19.9	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 58 43.8	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 41 12.4	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 41 19.9	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 58 43.8	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 41 12.4	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 41 19.9	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 58 43.8	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 41 12.4	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 41 19.9	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 58 43.8	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 41 12.4	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 41 19.9	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42 31.5 -1.0
PPT2	Papeete2	21.83 94	eR	08 58 43.8	comp=Z,29nm,1.8s	CTAO	Charters Tower	39.09 260	P	P	08 38 50.1 -3.6	NIKH	Nikolski High	70.27 2	P	P	08 42

Table with columns: RTBA, Station Name, Azimuth, Elevation, Mode, Status, Time, and other parameters. Includes stations like Rita Blanca, Drury Creek, Allakaket, Wuhan, etc.

Table with columns: PLCA, Station Name, Azimuth, Elevation, Mode, Status, Time, and other parameters. Includes stations like Paso Flores, Sheenik River, Toolik Lake, etc.

Table with columns: Station Name, Azimuth, Elevation, Mode, Status, Time, and other parameters. Includes stations like HHC, VNA2, AUSA, etc.

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Main table containing station names, coordinates, and various technical parameters. Includes sub-sections like 'NEIC 01' and 'ISC 01' with specific event details.

NEIC 01 08:37:25.0-0.7, 17:46S; 172:72W, h0km, mb4.2/10, mltm4.2/10, Error ellipse: s-maj=28.0km s-min=18.3km az=48.0

ISC 01 08:37:23.8-0.7, 17:35S; 01:172:32W, 0.09, h10km, n48, 0187/42, mb4.6/20, Tonga Islands region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, Time, Residual, ISC, h, m, s, ISC. Lists various seismic stations and their associated data.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Denniston Nort, Inz, Charters Tower, etc.

SDD 01 08:37.40.5-1.9, 19.18N;67.57W, h10km, 120km, MD3.2, ML3.4, MW3.4, Presumed earthquake

NEIC 01 08:37.43.6-1.2, 18.94N;0.04-67.58W;0.04, h22km, 12km, ML3.6/28, Md3.5/13(RSPR), Error ellipse: s-maj=6.2km

RSRPR 01 08:37.43.1, 19.06N;67.76W, h26km, 29km, MD3.5/13 OSPL 01 08:37.44.3-3.0, 19.09N;67.44W, h0km, 25km, ML3.5, Presumed earthquake

ISC 01 08:37.39.9-1.2, 19.12N;0.04-67.62W;0.02, h18km, 7km, n65, c098/104, 5C-13D, Mona Passage

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Isla Desecheo, Agua, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Cabo Rojo, PR, Utuado, etc.

JMA 01 08:45:42.9-0.8, 45°N;14°15'E;az=110km, MV3.6/10, KURILE ISLANDS REGION, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Nemuro 2, Rausu, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Isla Desecheo, Agua, etc.

IDC 01 08:49:58.5-9.9, 47.88N;154.96E, h0km, mb3.9/4, mbtm3.8/5, ML2.1/1, Error ellipse: s-maj=210.8km

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Petropavlovsk, Makanchi Array, etc.

JMA 01 09:04:35.5-0.2, 28.2N;0.3-128.2E;0.04, h12km, 1km, MV3.1/12, NW OFF OKINAWAJIMA IS

IDC 01 09:04:37.5-1.3, 27.93N;128.24E, h0km, mb3.4/4, mbtm3.4/5, ML3.4/1, Error ellipse: s-maj=53.5km

ISC 01 09:04:37.2-2.0, 28.04N;0.05-128.29E;0.08, h6km, 14km, n15, c1945/20, mb3.3/4, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Tokunoshima, JTK, etc.

NEIC 01 09:05:13.1-0.8, 17.84N;0.03-66.85W;0.01, h10km, 2km, ML3.4/27, Md2.8/14(RSPR), Error ellipse: s-maj=4.8km

RSRPR 01 09:05:13.9, 17.91N;66.86W, h6km, MD2.8/14 SDD 01 09:05:14.7-2.0, 17.89N;66.87W, h15km, 13km, MD3.4, Presumed earthquake

ISC 01 09:05:13.1, 0.1788N;0.03-66.85W;0.02, h9km, 8km, n48, c058/72, 5C-10D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like Guanica, Bosqu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Vila Real, Lamas de Olo, Lanestosa, Cabril, Lobios, Gavieira, Arco, Agolada, Mazaricos, Geres, Torodi, etc.

RSPR 01 09:12:26.4, 19.13N, 68.07W, h37km, 16km, MD3.2/13
NEIC 01 09:12:26.4, 1.0, 19.01N, 0.04:67.83W, 0.05, h10km, 1km,
ML2, 6/23, MD3.2/13(RSPR), Error ellipse: s-maj=10.2km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Isla Desecheo, Aguadilla, Puerto Rico, Las Mesas, Cabo Rojo, etc.

HLW 01 09:22:16.9, 34.03N, 25.37E, h10km, 7km, Md3.4, M3.4
ATH 01 09:22:19.6, 34.33N, 25.18E, h2km, 9km, ML2.4/3,
Manual Solution by M.Charalampakis First location:
2020/01/01 09:23:44, This location: 2020/01/01 10:28:09
ML Amplitudes are expressed in micrometers, All
distances are expressed in degrees Latitude uncertainty: 3
km; Longitude uncertainty: 1 km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GVD, Anoyia, NPS, ZKR, YAM, etc.

IDC 01 09:34:13.4, 9.6, 0.74N, 121.66E, h0km, mb3.6/3,
mbtmp3.6/3, Error ellipse: s-maj=282.9km
s-min=152.5km az=58.0, Minahassa Peninsula,

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

WEL 01 09:39:13.2, 1.8, 32.16, 179E, 2.6, h12km, M4.4/6,
mB4.4/1, ML4.3/7, MLV4.4/6, Mw(mb)3.5/1, Error ellipse:
s-maj=39.4km s-min=5.7km az=120.7, confirmed,

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

KRNET 01 09:42:33.7, 0.1, 41.18N, 72.36E, h19km, mb2.4
ISU 01 09:42:34.0, 40.15N, 72.89E, h3km
SOME 01 09:42:34.5, 41.22N, 72.37E, h10km
NINC 01 09:42:35.4, 1.5, 41.21N, 72.36E, h0km, mb2.9, mpv2.5,

Error ellipse: s-maj=13.6km s-min=5.0km az=173.0
ISC 01 09:42:33.5, 1.1, 41.19N, 0.02:72.42E, 0.02, h9km, 10km,
n23, 0574/41, 12C-11Z, Kyrgyzstan

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

RSPR 01 09:58:36.3, 18.92N, 67.66W, h10km, 31km, 3C-4D, Mona
Passage

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Isla Desecheo, Aguadilla, Cabo Rojo, etc.

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

TEH 01 10:04:47.9, 34.52N, 46.26E, h10km, 141km, ML2.6,
Presumed earthquake
ISN 01 10:04:48.7, 0.3, 34.54N, 46.25E, h24km, 8km, ML2.5
ISC 01 10:04:47.1, 1.1, 34.54N, 0.04:46.24E, 0.06, h16km, 12km,
n8, 0951/12, Western Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Dehresh, Ghaleghazi, Gilan-e-Gharb, etc.

IDC 01 10:07:09.3, 3.2, 43.50N, 18.37E, h0km, mbtmp3.6/5,
ML3.2/5, Error ellipse: s-maj=36.4km s-min=24.5km
az=96.0

PRU 01 10:07:09.3, 43.19N, 18.32E, h10km
BEO 01 10:07:09.3, 0.3, 43.24N, 18.06E, h11km, 1km, ML3.5/20
VIE 01 10:07:10.9, 0.4, 43.46N, 18.16E, h0km, mb3.4/21,

m3.3/12, ms3.9/7, Error ellipse: s-maj=5.6km s-min=3.9km
az=42.0 46 km SSW of Sarajevo
PDG 01 10:07:10.8, 0.4, 43.09N, 18.17E, h15km, 1km, MD3.7/11,

ML3.6/11, Error ellipse: s-maj=1.1km s-min=2.7km az=0.0
ISC 01 10:07:08.5, 1.1, 43.24N, 0.02:18.10E, 0.02, h4km, 9km,
n109, 1936/161, 19C-32D, Northwest Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Bratogost, Ston, Trebinje, Dubrovnik, etc.

1d 10h

Table of seismic events with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes events like GZR Gura Zlata, IGT Igoumenitsa, SOKA Soboth, etc.

DNK 01 10:09:41.8±1.3, 51.47N±15.74E, h4km±111km, ML3.0, Presumed earthquake
IPEC 01 10:09:41.4±2.5, 51.50N±16.26E, h1km, ML2.2/6, Error ellipse: s-maj=2.8km s-min=1.4km az=75.0

Table of seismic events with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes events like KSP Ksiadz, CHVC Chvalec, OSTC Ostas, etc.

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Table of seismic events with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes events like LUNU Lund, BJJU Bjuv, DEL Delary, etc.

MEX 01 10:18:00.5±0.4, 16.27N:98.14W, h12km±1km, MD3.6, Presumed earthquake, Near coast of Guerrero

Table of seismic events with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes events like PNIG Pinotepa, YOIG Yosondua, PEIG Puerto Escondi, etc.

SDD 01 10:20:25.4±1.0, 17.33N:68.67W, h56km±60km, MD3.5, ML2.5, MW3.1, Presumed earthquake

RSPR 01 10:20:29.6, 17.57N:68.69W, h49km±50km, MD3.5/4
ISC 01 10:20:24.1±2.8, 17.53N:68.73W:0.07, h14km±13km, n12, <1829/18, 4C-2D, Mona Passage

Table of seismic events with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes events like PCDR Punta Cana, DR, HIDR Higüey Centro, HIDR comp=N, 141nm, 0.7s, etc.

NEIC 01 10:28:51.3±1.9, 49.61N:0.08:177.53W:0.08, h10km±2km, mb4.0/27, ML3.7/8, ML3.5(AEIC), Error ellipse: s-maj=13.4km s-min=9.1km az=175.0

ISC 01 10:28:51.9±2.8, 49.58N:177.53W, h0km, mb3.6/5, mbtmp3.8/7, ML4.0/2, Error ellipse: s-maj=65.1km s-min=26.3km az=13.0

AEIC 01 10:28:53.2±1.4, 49.52N:0.10:177.54W:0.09, h31km±7km, Error ellipse: s-maj=14.1km s-min=8.4km az=180.0

ISC 01 10:28:51.6±1.0, 49.60N:0.09:177.55W:0.05, h10km±n79, <1524/92, mb4.0/13, South of Aleutian Islands

Table of seismic events with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes events like GAKI Gareloi-Kavalg, TAFI Tanaga Flats, KIMD Kanaga Island, etc.

Table of seismic events with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes events like SHEM Shemya Is, Ala, SHEM Shemya Is, Ala, NIKH Nikolski High, etc.

PEA08 Petropavlovsk-Petropavlovsk, 15.83 292 Pn Pn 10 32 35.8 +1.4

Table of seismic events with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes events like PETK Petropavlovsk-Anvik River, N18K Kilae Creek, KDKA Kodiak Island, etc.

ARCES ARCES Array B, 59.98 351 P P 10 39 00.6 +3.0

ISC 01 10:45:36.6±14.0, 29.74N:80.42E, h0km, mb3.6/2, mbtmp3.5/3, ML3.4/1, MS3.5/3, Error ellipse: s-maj=2.734km s-min=83.6km az=143.0

NDI 01 10:46:06.0±3.0, 30.32N:79.55E, h10km, ML2.9, MW2.9

ISC 01 10:45:34.7±2.8, 29.55N:80.40E±0.1, h10km±n11, <295/10, MS3.6/3, Nepal-India border region

Table of seismic events with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes events like JSHI Joshimath, DDI Dehra Dun, GAKI Gareloi-Kavalg, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Magueyes Islan, Obispo Ponce, Cabo Rojo, Cerrillos, etc.

DSN 01 10:57:25.21.4, 27.32N-56.85E, h10km, ML2.9/9, Error ellipse: s-maj=39.9km s-min=11.3km az=119.0

TEH 01 10:57:25.1, 27.36N-56.73E, h16km, 21km, ML3.2, Presumed earthquake

OMAN 01 10:57:29.4.0.2, 27.07N-56.98E, h10km, 2km, ml3.2/22, Error ellipse: s-maj=4.2km s-min=1.5km az=349.0

ISC 01 10:57:24.6.1.7, 27.33N.0.05:56.85E.0.05, h5km, 15km, n43, c1928/63, 1C, Southern Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Bandar-abas, Genoa, Kahnoo, Shamm, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Hoqain, Bidbid, Araqi, Negor - Chabab, etc.

SOME 01 10:58:51.9, 41.60N-84.02E, h15km, NNC 01 10:58:55.2, 41.65N-83.88E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=21.6km s-min=13.0km az=178.0

ISC 01 10:58:53.9, 3.417N, 0.1x83.9E, 0.1, h10km, n28, c294/37, 3C-1D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Shalkode, Podgornoye, Uzb, Uzb, Kpkks, Saty, Knos, Blb, Arxs, etc.

DK31 Makanchi Array 5.21 347, 0.1nm, 0.2s, baz=166, slow=14, SNR=9.4

MK31 1.0nm, 0.3s, baz=170, slow=16, SNR=23

KOTS 2.9nm, 0.5s, baz=168, slow=28, SNR=4.8

KOTS 2.9nm, 0.8s, 5.27 289

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MDOK, TNSs, CHKK, MTBS, KST, DGS, KRBS, etc.

IDC 01 10:59:47.0, 0.9, 17.83N-66.83W, h0km, mb3.7/8, mbmp3.79, ML3.1/1, Error ellipse: s-maj=21.8km s-min=8.9km az=164.0

Plg59.0000°, Azm94.0000°; P - 7.1128, Plg25.0000°, Azm234.0000°

NEIC 01 10:59:48.8, 17.94N-66.84W, h7km, OSPL 01 10:59:48.1, 0.3, 17.85N-66.87W, h19km, 5km, ML3.7, Presumed earthquake

NEIC 01 10:59:48.7, 17.94N-66.84W, h7km, Moment Tensor Solution. Moment tensor: S2014Nm; Mrr0.0; Mxx2.81; Myy-2.81; Mzz2.79; Mxy2.36; Mxz-1.30; Fault plane solution: M=4.79000x1014 NP1=295.00000°, 89.00000°, lambda=40.00000°, NP2=25.00000°, 85.00000°, lambda=180.00000°, Principal axes: T 7897, Plg27.00000°, Azm343.00000°, N -0.0002, Plg50.0000°, Azm115.00000°, P -4.7894, Plg27.00000°, Azm242.00000°

RSRP 01 10:59:48.8, 17.94N-66.84W, h8km, MD3.6/8, PTWC 01 10:59:48, 17.90N-66.80W, M13.9/10, PUERTO RICO REGION

ISC 01 10:59:48.2, 0.9, 17.87N.0.04:66.83W.0.02, h10km, 5km, n100, c086/132, mb4.3/19, 2C-8D, Puerto Rico region

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

IDC 01 10:59:47.9, 0.7, 17.88N-66.82W, 0.01, h10km, 1km, mb4.4/24, ML4.0/35, Mwr3.6/22, Md3.6/8(RSPR), Mwr3.7/12(SLM), Error ellipse: s-maj=3.7km s-min=2.9km az=162.0, Moment Tensor Solution. Moment tensor: S2014Nm; Mrr0.0; Mxx2.57; Myy-2.57; Mzz2.35; Mxy2.35; Mxz-1.56; Fault plane solution: M=6.83000x1014 NP1=14.48000°, 85.953000°, lambda=174.44000°, NP2=281.66000°, 85.21000°, lambda=30.58000°, Principal axes: T 6.5181, Plg17.00000°, Azm332.00000°; N 0.5947, comp=N, 96nm, 3.1s

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GBPR Miches, MIDR, OBIP, etc.

RSNC 01 13:12:41.5-0.0, 2°N, 2°8'0W, h25km, 7km, M3.2, mb4.8, mb3.9, ML2.9, Mw(mb)4.0, South of Panama

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TUMC, GRIC, PACI, etc.

IDC 01 13:18:47.0-0.7, 12.99S, 45.55E, h0km, mb3.12, mbtmp3.9/15, ML4.6/3, MS3.5/12, Error ellipse: s-maj=19.9km s-min=19.0km az=78.0

NEIC 01 13:18:48.0-2.2, 13.07S, 0.08-45.6E, 0.1, h10km, km, mb4.6/34, Error ellipse: s-maj=24.2km s-min=13.9km az=226.0

ISC 01 13:18:47.8-0.4, 13.05S, 0.05-45.6E, 0.07, h10km, n89, s1666/87, mb4.5/26, MS3.5/9, Northwest of Madagascar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SBV, OPO, FIRH, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSANE, FURI, MAKGRI, BOSA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ENAUX, BURY, GIARDINI, etc.

RSRP 01 13:35:33.3, 17.91N, 66.90W, h12km, 1km, 3C-2D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GBPR, MAGUEYES, CABO ROJO, etc.

SDD 01 13:36:01.4-2.1, 19.22N, 67.47W, h15km, 313km, MD3.0, ML2.2, MW2.4, Presumed earthquake

RSPR 01 13:36:03.4, 18.92N, 67.83W, h24km, 24km, MD2.6/12

ISC 01 13:36:03.4-1.4, 18.99N, 0.07-67.55W, 0.04, h27km, 12km, n19, s19/15/34, 7C-8D, Mona Passage

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

C18K	Utukok River	19.31	19	P	Pn	15 10 19.8 -0.3
SML	Sawmill	19.36	45	I	Iamb	15 10 34.5
SML	Sawmill	19.36	45	P	P	15 10 19.5 +0.1
H21K	Melozitna River	19.41	32	I	Iamb	15 10 25.4
H21K	Melozitna River	19.41	32	P	Pn	15 10 20.9 -0.4
I21K	Tanana	19.42	34	P	P	15 10 23.3 +0.5
I21K	Tanana	19.42	34	I	Iamb	15 10 25.9
I21K	Tanana	19.42	34	P	Pn	15 10 21.4 0.0
MA2	Magadan	19.42	308	P	P	15 10 20.0 0.0
MA2	Magadan	19.42	308	I	Iamb	15 17 26.7
MA2	Magadan	19.42	308	P	P	15 10 19.3 -0.7
MA2	Magadan	19.42	308	I	Iamb	15 10 29.4
MA2	Magadan	19.42	308	P	P	15 10 19.3 -0.7
M23K	Glacier View	19.63	46	P	P	15 10 22.2 0.0
WAT1	Susitna Watana	19.64	42	P	P	15 10 21.3 -1.0
GLI	Glacier Island	19.65	48	P	P	15 10 22.0 -0.4
Q23K	Middleton Isla	19.68	53	P	Pn	15 10 23.9 -0.5
SEY	Seymchan	19.68	318	P	P	15 10 21.5 -1.3
SEY	Seymchan	19.68	318	I	Iamb	15 17 56.8
SEY	Seymchan	19.68	318	P	P	15 10 25.7 +1.2
MID	Middleton Isla	19.69	53	P	Pn	15 10 26.9 +2.4
G21K	Allakaket	19.71	30	I	Iamb	15 10 28.6
G21K	Allakaket	19.71	30	P	Pn	15 10 24.4 -0.4
RND	Reindeer	19.74	41	I	Iamb	15 10 30.4
HIN	Hinchinbrook I	19.81	50	I	Iamb	15 10 40.4
SCM	Sheep Creek Mo	19.82	46	P	P	15 10 23.5 -0.9
SCM	Sheep Creek Mo	19.82	46	I	Iamb	15 10 31.8
SCM	Sheep Creek Mo	19.82	46	P	P	15 10 23.5 -0.9
SCM	Sheep Creek Mo	19.82	46	I	Iamb	15 10 31.8
MCK	McKinley	19.85	40	P	P	15 10 23.7 -0.9
MCK	McKinley	19.85	40	I	Iamb	15 10 31.9
MCK	McKinley	19.85	40	P	P	15 10 23.7 -0.9
MCK	McKinley	19.85	40	I	Iamb	15 10 31.9
D19K	Kuna River	19.86	22	I	Iamb	15 10 33.2
D19K	Kuna River	19.86	22	P	Pn	15 10 25.7 -0.9
WAT6	Susitna Watana	19.89	43	P	P	15 10 23.7 -1.6
C19K	Lookout Ridge	20.02	19	P	P	15 10 27.3 +0.8
C19K	Lookout Ridge	20.02	19	I	Iamb	15 10 27.1 +0.7
H22K	Ishatitna Cre	20.03	33	P	P	15 10 27.1 +0.6
F21K	Alatina River	20.17	28	I	Iamb	15 10 34.2
F21K	Alatina River	20.17	28	P	P	15 10 29.1 +1.0
NEA2	Nenana	20.18	37	I	Iamb	15 10 35.6
NEA2	Nenana	20.18	37	P	P	15 10 27.7 -0.5
EYAK	Cordova Ski Ar	20.21	50	P	P	15 10 27.3 -1.2
DIV	Denali Highway	20.23	42	P	P	15 10 28.4 -0.5
DIV	Denali Highway	20.23	42	I	Iamb	15 10 36.3
I23K	Minto, Yukon-K	20.34	36	I	Iamb	15 10 35.6
I23K	Minto, Yukon-K	20.34	36	P	P	15 10 30.8 +0.9
KLU	Klutina	20.36	47	P	P	15 10 31.4 +1.1
D20K	Etiwuk River	20.38	23	I	Iamb	15 10 35.0
D20K	Etiwuk River	20.38	23	P	P	15 10 31.4 +1.0
M24K	Tolsona, Glenn	20.42	45	I	Iamb	15 10 35.2
M24K	Tolsona, Glenn	20.42	45	P	P	15 10 30.4 -0.5
WRH	Wood River Hill	20.51	38	I	Iamb	15 10 49.1
G22K	Bettles	20.59	30	P	P	15 10 33.3 +0.8
A19K	Wainwright	20.65	16	P	P	15 10 34.0 +0.8
CCB	Clear Creek Bu	20.70	38	P	P	15 10 32.5 -1.3
COLA	College	20.78	37	P	P	15 10 35.9 +1.3
COLA	College	20.78	37	I	Iamb	15 10 35.6 +1.0
COLA	College	20.78	37	P	P	15 10 34.8 +0.1
BMRM	Bremner River	20.85	49	P	P	15 10 35.2 -0.3
E21K	Kiilik River	20.86	25	P	P	15 10 35.8 +0.3
HDA	Harding Lake	20.93	39	P	P	15 10 35.1 -1.2
HDA	Harding Lake	20.93	39	I	Iamb	15 10 41.5
G23K	Bananza Creek	20.94	32	I	Iamb	15 10 44.7
G23K	Bananza Creek	20.94	32	P	P	15 10 37.5 +1.0
HARP	HAARP	21.07	45	P	P	15 10 36.9 +0.2
N25K	Chitina, Valde	21.00	47	I	Iamb	15 10 50.8
N25K	Chitina, Valde	21.00	47	P	P	15 10 37.2 0.0
PAX	Paxson	21.11	43	P	P	15 10 36.1 -1.2
PAX	Paxson	21.11	43	I	Iamb	15 10 45.1
PAX	Paxson	21.01	43	P	P	15 10 36.1 -1.2
PAX	Paxson	21.01	43	I	Iamb	15 10 45.1
POKR	Poker Plat Res	21.05	37	I	Iamb	15 10 46.0
POKR	Poker Plat Res	21.05	37	P	P	15 10 38.3 +0.7
ILAR	Eielson Array	21.11	38	P	P	15 10 35.4 -2.8
ILAR	Eielson Array	21.11	38	I	Iamb	15 14 31.4 +1.1
ILAR	Eielson Array	21.11	38	P	P	15 10 36.2 -2.1
ILAR	Eielson Array	21.11	38	I	Iamb	15 18 20.4 +4.7
ILAR	Eielson Array	21.11	38	P	P	15 18 46.0
ILAR	Eielson Array	21.11	38	P	P	15 10 36.1 -2.1
C21K	Knifeblade Rid	21.16	23	P	P	15 10 38.6 -0.1
K24K	Donnelly Dome	21.16	41	I	Iamb	15 10 47.0

K24K	Donnelly Dome	21.16	41	P	P	15 10 38.2 -0.6
COLD	Coldfoot	21.18	30	P	P	15 10 39.3 +0.4
H24K	Nanushuk River	21.22	35	P	P	15 10 40.2 +0.7
E22K	Anaktuvuk Pass	21.25	27	P	P	15 10 40.2 +0.4
E22K	Anaktuvuk Pass	21.25	27	I	Iamb	15 10 46.8
E22K	Anaktuvuk Pass	21.25	27	P	P	15 14 43.4 +0.5
E22K	Anaktuvuk Pass	21.25	27	I	Iamb	15 10 40.6 +0.9
B20K	Mesa River	21.26	20	P	P	15 10 40.1 +0.4
GLB	Gilahina Butte	21.33	48	I	Iamb	15 10 39.5 -1.2
GLB	Gilahina Butte	21.33	48	P	P	15 10 50.4
D22K	Aiyikyak River	21.50	25	I	Iamb	15 10 46.9
D22K	Aiyikyak River	21.50	25	P	P	15 10 43.0 +0.6
CRQM	Cirque	21.51	50	P	P	15 10 41.1 +1.4
CRQM	Cirque	21.51	50	I	Iamb	15 11 01.4
RIDG	Independent Ri	21.53	42	I	Iamb	15 10 49.8
RIDG	Independent Ri	21.53	42	P	P	15 10 41.7 -1.1
CRQE	Cirque	21.53	50	P	P	15 10 42.4 -0.6
B21K	Ikpiqkuk River	21.54	22	P	P	15 10 43.1 +0.4
J25K	Salcha River	21.64	39	I	Iamb	15 10 48.2
J25K	Salcha River	21.64	39	P	P	15 10 42.3 -1.6
MCARA	McCarthy VSAT	21.69	48	P	P	15 10 45.5 +1.0
MENT	Mentasta	21.76	44	I	Iamb	15 11 07.6
MENT	Mentasta	21.76	44	P	P	15 10 44.5 -0.7
G24K	Hadweeznic Riv	21.79	33	I	Iamb	15 10 52.1
G24K	Hadweeznic Riv	21.79	33	P	P	15 10 45.6 +0.1
DOT	Dot Lake	21.83	42	I	Iamb	15 10 59.6
E23K	Chandalar	21.85	29	P	P	15 10 45.5 -0.8
M26K	Nabesna, AK	21.94	46	I	Iamb	15 10 58.6
M26K	Nabesna, AK	21.94	46	P	P	15 10 47.5 +0.4
PRP	Porcupine Dome	21.94	37	P	P	15 10 46.6 -0.7
L26K	Log Cabin Wild	21.95	44	I	Iamb	15 10 53.1
L26K	Log Cabin Wild	21.95	44	P	P	15 10 46.6 -0.6
SCRK	Sand Creek	21.97	41	I	Iamb	15 10 48.0
SCRK	Sand Creek	21.97	41	P	P	15 10 46.4 -1.2
F24K	Squaw Lake	22.09	31	I	Iamb	15 10 54.5
F24K	Squaw Lake	22.09	31	P	P	15 10 48.0 -0.8
D23K	Nanushuk River	22.10	26	P	P	15 10 48.8 0.0
E24K	Your Creek	22.21	29	P	P	15 10 49.5 -0.6
TOLK	Tool Lake Re	22.21	28	I	Iamb	15 10 56.0
TOLK	Tool Lake Re	22.21	28	P	P	15 10 49.8 -0.3
BARN	Barnard Glacie	22.27	50	P	P	15 10 50.4 -0.5
G25K	Beam Lake	22.30	34	P	P	15 10 50.6 -0.4
J26L	Joseph Creek	22.32	40	I	Iamb	15 10 55.9
J26L	Joseph Creek	22.32	40	P	P	15 10 50.2 -1.1
B22K	Teshekpuk Lake	22.34	22	P	P	15 10 50.5 -0.8
B22K	Teshekpuk Lake	22.34	22	I	Iamb	15 10 58.1
B22K	Teshekpuk Lake	22.34	22	P	P	15 14 45.8 +0.9
B22K	Teshekpuk Lake	22.34	22	I	Iamb	15 10 51.0 -0.4
A21K	Barrow	22.41	18	P	P	15 10 51.4 -0.7
CTG	Chitina Glacie	22.41	50	P	P	15 10 51.7 -0.7
CTGM	Chitina Glacie	22.42	50	I	Iamb	15 11 03.5
M27K	Edge Creek, AK	22.43	46	I	Iamb	15 10 58.9
M27K	Edge Creek, AK	22.43	46	P	P	15 10 51.5 -1.1
A22K	Sinclair Lake	22.50	20	P	P	15 10 51.9 -1.1
L27K	Beaver Creek	22.62	44	P	P	15 10 54.0 -0.5
BCAR	Beaver Creek A	22.64	44	P	P	15 10 52.9 -1.9
C23K	Chitina River	22.69	24	I	Iamb	15 10 58.3
C23K	Chitina River	22.69	24	P	P	15 10 54.7 -0.4
D24K	Happy Valley	22.74	27	I	Iamb	15 11 00.8
D24K	Happy Valley	22.74	27	P	P	15 10 55.5 -0.2
PINM	Pinnacle	22.83	52	P	P	15 10 55.4 -1.3
F25K	Christian River	22.86	32	I	Iamb	15 11 01.4
F25K	Christian River	22.86	32	P	P	15 10 56.7 -0.2
BVCY	Beaver Creek	22.91	46	P	P	15 10 57.0 -0.5
O28M	Mount Upton	22.94	51	I	Iamb	15 11 18.6
O28M	Mount Upton	22.94	51	P	P	15 10 57.2 -0.8
YUK3	Moose Creek	22.97	48	P	P	15 10 57.5 -0.8
C24K	Franklin Bluff	23.13	26	P	P	15 10 58.6 -0.9
C24K	Franklin Bluff	23.13	26	I	Iamb	15 11 04.2
C24K	Franklin Bluff	23.13	26	P	P	15 10 59.0 -0.5
BMAR	Burnt Mountain	23.14	33	P	P	15 10 59.6 -0.2
E25K	Arctic Village	23.15	31	I	Iamb	15 11 04.0
E25K	Arctic Village	23.15	31	P	P	15 10 59.4 -0.5
G26K	Porcupine River	23.20	34	I	Iamb	15 11 04.5
G26K	Porcupine River	23.20	34	P	P	15 11 00.0 -0.2
YUK8	Steele Glacier	23.22	49	P	P	15 11 00.1 -0.8
F26K	Sheenjek River	23.41	32	I	Iamb	15 11 07.9
F26K	Sheenjek River	23.41	32	P	P	15 11 02.1 -0.3
I27K	Kandik River	23.48	38	P	P	15 11 02.2 -0.9
D25K	Kavik River	23.55	28	I	Iamb	15 11 08.3
D25K	Kavik River	23.55	28	P	P	15 11 03.4 -0.4
O29M	Mount Kennedy	23.68	52	P	P	15 11 03.9 -1.3
H27K	Steamboat Moun	23.74	37	P	P	15 11 05.5 0.0
YUK4	Talbot Arm	23.76	49	P	P	15 11 05.9 -0.1
YUK6	Outpost Mounta	23.85	50	P	P	15 11 05.5 -1.3
G27K	Doyon Strip	23.91	35	P	P	15 11 06.3 -0.7
DAWV	Dawson	23.93	43	I	Iamb	15 11 11.5
DAWV	Dawson	23.93	43	P	P	15 11 06.8 -0.5
M29M	Somme Creek	24.01	47	I	Iamb	15 11 13.0

M29M	Somme Creek	24.01	47	P	P	15 11 07.2 -0.9
P29M	Windy Craggy	24.06	54	P	P	15 11 07.7 -0.9
I28M	Milner Creek	24.09	39	P	P	15 11 08.2 -0.6
HYT	Haines Junctio	24.26	51	P	P	15 11 10.0 -0.5
L29M	L29M	24.28	45	I	Iamb	15 11 11.5
L29M	L29M	24.28	45	P	P	15 11 09.7 -0.8
C26K	Camden Bay	24.31	27	P	P	15 11 11.0 +0.4
P30M	Million Dollar	24.48	53	P	P	15 11 11.8 -0.6
E27K	Coleen River	24.50	32	P	P	15 11 12.3 -0.1
E27K	Coleen River	24.50	32	I	Iamb	15 11 18.0
E27K	Coleen River	24.50	32	P	P	15 14 50.4 +0.7
E27K	Coleen River	24.50	32	I	Iamb	15 11 12.3 -0.1
TYV	Tymovskoe	24.50	285	eP	P	15 11

1d 15h

Table with columns for station name, frequency, power, and signal strength. Includes stations like CLRS Cowichan Lake, MJAR Matsushiro Arr, and YKAW Yellowknife Wh.

2020 JAN

Table with columns for station name, frequency, power, and signal strength. Includes stations like YHL Hebgan Lake, YHB Horse Butte, and FFC Flyn Flon.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like RSSD Black Hills, RSSD Black Hills, and BLYC Blythe.

Table with columns for station call letters, name, frequency, and other details. Includes stations like MUXT Muleshoe, SFJZ Kangerlussuaq, LZH Lanzhou, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like WHTX Lake Whitney, MK31 Makanchi Array, MKAR Makanchi Array, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like S57A Dark Hollow, T57A Hurt, R58B Mineral, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station codes like CEST, INTR, GAZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station codes like BRY, STON, TREB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station codes like PVFI, PFVI, GAZ, etc.

BE0 01 15:12:50.10, 4.3, 22N, 18.05E, h12km, 3km, ML2.0/10
PDG 01 15:12:51.4, 0.1, 43.15N, 18.15E, h18km, ML2.5/9, Error ellipse: s-maj=0.5km s-min=1.0km az=0.0

IGIL 01 15:18:09.6, 37.01N, 13.48W, h31km, ML2.1
INMG 01 15:18:11.7, 1.4, 36.95N, 13.41W, h68km, 16km, ML2.2, Error ellipse: s-maj=8.4km s-min=7.1km az=119.0

HEL 01 15:24:08.8, 0.2, 67.83N, 20.04E, h0km, ML1.3, Suspected explosion
UPP 01 15:24:09.6, 0.1, 67.84N, 20.10E, h0km, ML2.6, Confirmed Induced event

1d 16h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like G29M, H31M, G31M, INK, C36M, A36M, YKAW3.

MEX 01 16:47:10.9-0.7, 13.94N:92.64W, h41km, 4.1km, MD3.4
CGC 01 16:47:11.5-0.5, 13.97N:92.16W, h0km, 12km, MD3.8,
ML3.7, Presumed earthquake
ISC 01 16:47:08.6-1.7, 14.02N:0.07, 92.54W, 0.04, h12km, 11km,
n30, az210/42, Near coast of Chiapas

Main table of station data for the 1d 16h period, listing station names, coordinates, and seismic data.

VAO 01 16:51:23.7-0.8, 30.31S:71.89W, h10km, mb4.6,
Presumed earthquake
SJA 01 16:51:26.6-0.8, 30.22S:71.82W, h10km, 2km, ML4.8,
MW4.4

GUC 01 16:51:31.5-0.8, 30.28S:71.56W, h47km, 2km, ML4.9
IDC 01 16:51:31.8-0.4, 30.35S:71.45W, h38km, 3km, mb4.2/12,
mbmp4.3/16, ML4.3/4, MS3.9/19, Error ellipse:
s-maj=18.4km s-min=12.7km az=77.0
NEIC 01 16:51:32.3-1.5, 30.29S:0.03, 71.56W, 0.07, h41km, 2km,
mb4.9/33, Mw1.5/6.7, Mw4.7/GUC, Error ellipse:
s-maj=8.9km s-min=4.8km az=92.0, Moment Tensor
Solution. Moment tensor: Scale 10^16Nm; Mrr:62.9;
Mss:0.79; Mss:3.48; Mtt:1.39; Mss:0.68; Mss:0.93; Fault
plane solution: Ms3.640000;1016 NP1.0s,35.060000,
d45.600000, l132.020000. NP2.0s,162.890000, d57.940000,
Azim19.00000; N 0.0633, Plg29.00000, Azim183.00000; P
-3.6665, Plg7.00000, Azim277.00000
NEIC 01 16:51:32.1, 30.28S:71.58W, h40km
ISC 01 16:51:31.2-0.3, 30.27S:0.02, 71.63W, 0.03, h36km, 1km,
n37km, P-P, n274, az239/326, mb4.9/35, MS4.0/15, 10C-7D,
Near coast of central Chile

Continuation of station data table, listing stations like CO06, CO05, CO04, CO03, CO02, CO01, LCO, LCO.

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Main table of station data for the 2020 JAN period, listing station names, coordinates, and seismic data.

48

Main table of station data for the 48 period, listing station names, coordinates, and seismic data.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Time/Res. Includes stations like SJMB Sao Joao De Ma, SDBA SAO DESIDERIO, SMTB Santa Maria do, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Time/Res. Includes stations like TORO comp=2.3,4nm,1.0s,baz=247,slow=4.2,SNR=5.4, TORO Ar. Bea, TORO Lobatse, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Time/Res. Includes stations like AOPR Aguadilla, PR, AOPR Aguadilla, PR, AOPR Aguadilla, PR, etc.

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Main table containing station names, frequencies, and technical details. Includes columns for station name, frequency, power, and other technical parameters. The table is organized into multiple columns for readability.

IDC 01 17:38:17.15±.7, 34°89'N, 73°00'E, h0km, mb3.2/2, mbmtmp3.1/5, ML2.4/2, Error ellipse: s-maj=125.4km s-min=29.3km az=72.0, Pakistan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Contains station information for IDC 01.

RSNC 01 17:53:11.0±.0, 3°N, 1°7'42"E, h0km±2km, M2.8, mb3.8, ML2.7, Colombia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Contains station information for RSNC 01.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like URM, PRAC, VILC, ORTC, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AAK, AKTO, BRTR, BELG, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KNT, AMPL, HORT, etc.

TEH 01 17:53:19.8, 31.23N, 57.14E, h15km, 23km, ML4.4, Presumed earthquake

PRU 01 17:55:09.6, 40.12N, 20.81E, h10km, IDC 01 17:55:09.3, 1.0, 40.43N, 20.74E, h0km, mb3.6/8,

Manual Solution by F. Xalaris First location: 2020/01/01 17:56:21, This location: 2020/11/07 07:33:20 ML

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ZRDN, KRMI, KHGB, etc.

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

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

MA2	Magadan	12.55 308	Pn	Pn	18 13 10.6	+0.1
MA2	Magadan	comp=Z,0.2nm,0.3s,baz=114,slow=14,SNR=3.1	LR	LR	18 18 00.4	
SEY	Seymchan	13.56 323	Pn	Pn	18 13 24.2	-0.1
SEY	Seymchan	comp=Z,3.6nm,0.8s,baz=136,slow=12,SNR=4.2	LR	LR	18 18 26.4	
SEY	Seymchan	13.56 323	eP	Pn	18 13 27.2	+2.9
SEY	Seymchan	comp=Z,3um,18.6s,baz=124,slow=37	eP	Pn	18 13 27.2	+2.9
UNV	Unalaska Valle	13.79 78	P	Pn	18 13 25.6	-1.7
UNV	Unalaska Valle	13.79 78	P	Pn	18 13 27.3	-0.1
GAMB	Gambell	14.10 34	P	Pn	18 13 34.5	+2.8
GAMB	Gambell	14.10 34	P	Pn	18 13 31.0	-0.6
M11K	Mekoryuk	14.68 51	P	Pn	18 13 38.2	-1.2
M11K	Mekoryuk	14.68 51	P	Pn	18 13 38.9	-0.5
BILL	Blitbino	15.02 354	Pn	Pn	18 13 46.4	+2.2
BILL	Blitbino	15.02 354	eP	Pn	18 13 46.3	+2.2
BILL	Blitbino	comp=Z,126nm,2.5s	eP	Pn	18 13 46.3	+2.2
FALS	False Pass	15.48 73	P	Pn	18 13 49.2	-1.1
K13K	Kusilvak Mount	15.92 47	P	Pn	18 13 54.7	-1.2
M13K	Dall Lake	16.04 53	P	Pn	18 13 58.2	+0.9
M13K	Dall Lake	16.04 53	P	Pn	18 13 56.7	-0.6
S12K	Black Hills	16.21 70	P	IAMB	18 14 01.1	-1.4
S12K	Black Hills	16.21 70	P	IAMB	18 14 05.9	
OKH	Okha	16.32 282	eP	Pn	18 13 59.3	-0.3
OKH	Okha	16.32 282	eP	Pn	18 14 01.4	+0.4
OKH	Okha	comp=Z,200nm,14.6s	eP	Pn	18 14 01.4	+0.4
OKH	Okha	comp=Z,600nm,14.0s	MLR	MLR	18 14 01.4	+0.4
OKH	Okha	comp=N,600nm,14.0s	MLR	MLR	18 14 01.4	+0.4
L14K	Kuka Creek	16.61 50	P	Pn	18 14 04.0	-0.6
L14K	Kuka Creek	16.61 50	P	Pn	18 14 04.0	-0.6
J14K	Nanvaranak Lak	16.71 45	P	Pn	18 14 05.7	-0.1
J14K	Nanvaranak Lak	16.71 45	P	Pn	18 14 05.4	-0.5
N14K	Kuskokwak Cree	16.73 55	P	Pn	18 14 06.9	+0.7
N14K	Kuskokwak Cree	16.73 55	P	Pn	18 14 05.8	-0.4
M14K	Bethel	16.79 52	P	Pn	18 14 07.8	+0.9
M14K	Bethel	16.79 52	P	Pn	18 14 06.4	-0.5
ANM	Nome	16.81 38	P	Pn	18 14 07.6	+0.4
ANM	Nome	16.81 38	P	Pn	18 14 07.6	+0.4
ANM	Nome	comp=Z,145nm,1.9s	eP	Pn	18 14 07.6	+0.4
ANM	Nome	16.81 38	P	Pn	18 14 06.7	-0.6
O14K	Tiguykaiuvet M	16.83 58	P	Pn	18 14 06.9	-0.5
F14K	Arctic Creek	16.98 34	P	Pn	18 14 08.3	-0.9
SDPT	Sand Point	17.13 71	P	Pn	18 14 10.8	-0.3
TYV	Tomvokoe	17.15 273	eP	Pn	18 14 15.0	+2.0
TYV	Tomvokoe	17.15 273	eP	Pn	18 14 15.0	+2.0
TYV	Tomvokoe	comp=Z,500nm,4.5s	eP	Pn	18 14 15.0	+2.0
L15K	Ungalak Mounta	17.26 49	P	Pn	18 14 12.4	-0.3
M15K	Kasigluk River	17.38 53	P	Pn	18 14 13.9	-0.4
K15K	Wolf Creek Mou	17.42 47	P	Pn	18 14 14.1	-0.8
G15K	Niukluk	17.53 38	P	Pn	18 14 15.5	-0.6
O15K	Ungalithiuk R	17.55 58	P	Pn	18 14 15.5	-1.0
N15K	Kwethluk River	17.57 55	P	Pn	18 14 15.8	-0.9
F15K	North Star Dit	17.68 35	P	Pn	18 14 18.5	-0.3
CHNA	Chernabura Isl	17.69 73	P	Pn	18 14 17.9	-0.2
H16K	Elim	18.03 40	P	Pn	18 14 22.7	0.0
J16K	Anvik River	18.16 45	P	Pn	18 14 23.4	-0.5
L16K	Owath River	18.19 50	P	Pn	18 14 23.9	-0.3
N16K	Nishilik Lake	18.27 54	P	Pn	18 14 24.6	-0.7
M16K	Timber Creek	18.28 52	P	Pn	18 14 24.7	-0.7
I17K	Unalakleet	18.34 43	P	P	18 14 25.8	-0.2
I17K	Unalakleet	18.34 43	P	P	18 14 25.6	-0.4
G16K	Koyuk River	18.34 38	P	P	18 14 25.0	-1.1
P16K	Nushagak River	18.48 59	P	P	18 14 26.5	-1.1
O16K	Kokwok River B	18.48 57	P	P	18 14 26.6	-1.0
R16K	Pilot Point	18.64 64	P	P	18 14 28.5	-0.9
YSS	Yuzhno-Sakhali	18.70 262	eP	Pn	18 14 35.2	+4.7
YSS	Yuzhno-Sakhali	18.70 262	eP	Pn	18 14 35.2	+4.7
YSS	Yuzhno-Sakhali	comp=Z,30nm,1.3s	eP	Pn	18 14 35.2	+4.7
YSS	Yuzhno-Sakhali	comp=N,700nm,17.0s	MLR	MLR	18 14 35.2	+4.7
YSS	Yuzhno-Sakhali	comp=E,600nm,17.0s	MLR	MLR	18 14 35.2	+4.7
L17K	Donlin	18.83 49	P	P	18 14 31.3	-0.2
J17K	VABM Dome	18.84 45	P	P	18 14 30.8	-0.8
K17K	Iditarod	18.98 48	P	P	18 14 31.6	-1.5
O17K	Koliganek Bris	19.00 57	P	P	18 14 31.9	-1.4
C16K	Lisburne Hills	19.01 28	P	P	18 14 32.6	-0.7
G17K	Kiwalik Mounta	19.02 38	P	P	18 14 33.1	-0.4
N17K	Nushagak Hills	19.05 54	P	P	18 14 32.4	-1.4
H17K	Granite Mounta	19.06 40	P	P	18 14 32.9	-1.1
M17K	Holitna River	19.07 52	P	P	18 14 34.2	0.0
M17K	Holitna River	19.07 52	P	P	18 14 33.4	-0.8
Q16K	King Salmon	19.15 60	P	P	18 14 34.3	-0.7
F17K	Baldwin Pennin	19.25 35	P	P	18 14 35.3	-0.7
P17K	Kvichak River	19.29 59	P	IAMB	18 14 36.1	-0.3
P17K	Kvichak River	19.29 59	P	IAMB	18 14 49.4	
P17K	Kvichak River	comp=Z,142nm,1.4s	eP	Pn	18 14 35.5	-0.9
R17K	Mt. Peulik Vol	19.30 63	P	P	18 14 35.4	-1.2
D17K	Noatak River	19.33 31	P	P	18 14 36.2	-0.6
E17K	Hotnam Inlet	19.39 33	P	P	18 14 36.8	-0.7
Q17K	Contact Creek	19.55 61	P	P	18 14 38.1	-1.3
L18K	Granite Mounta	19.59 50	P	P	18 14 39.1	-0.7
RDOG	Red Dog Mine	19.59 30	P	P	18 14 39.2	-0.6
N18K	Kilae Creek	19.70 54	P	P	18 14 40.7	-0.4
H18K	Honhosa River	19.75 41	P	P	18 14 40.5	-1.1
C17K	DeLong Mountai	19.76 29	P	P	18 14 40.9	-0.7
ACHA	Angle Creek He	19.84 62	P	P	18 14 42.0	-0.6
ACHA	Angle Creek He	19.84 62	P	P	18 14 42.0	-0.6
ACHA	Angle Creek He	comp=Z,122nm,1.1s	eP	Pn	18 14 41.8	-0.8
M18K	Stony River	19.85 52	P	P	18 14 41.8	-0.8
J18K	Innok River	19.88 46	IAMB	IAMB	18 14 56.9	
J18K	Innok River	19.88 46	P	P	18 14 42.6	-0.4
P18K	Big Mountain,	19.92 58	P	P	18 14 42.7	-0.7
P18K	Big Mountain,	19.92 58	P	P	18 14 53.1	
P18K	Big Mountain,	19.92 58	P	P	18 14 42.0	-1.4
G18K	Tagagawik	19.94 38	P	P	18 14 43.5	-0.1
G18K	Tagagawik	19.94 38	P	P	18 14 46.7	
G18K	Tagagawik	comp=Z,148nm,1.4s	eP	Pn	18 14 43.2	-0.4
O18K	Koktuh Hills	19.96 57	P	P	18 14 43.4	-0.5
O18K	Koktuh Hills	19.96 57	P	P	18 14 43.0	-0.8
E18K	Tukpahleark C	19.97 33	P	P	18 14 43.4	-0.5
GCSA	Galena City Sc	20.20 42	P	P	18 14 45.3	-1.0
R18K	Kariuk	20.32 63	P	P	18 14 46.9	-0.8
JKA	Kamikawa-asahi	20.34 255	IAMB	IAMB	18 14 48.0	0.0
JKA	Kamikawa-asahi	20.34 255	IAMB	IAMB	18 15 03.6	
ASAJ	Asahikawa	20.34 255	P	P	18 14 48.0	0.0
ASAJ	Asahikawa	comp=Z,17nm,1.0s,baz=95,slow=12,SNR=2.1	LR	LR	18 24 06.1	
ASAJ	Asahikawa	comp=Z,286nm,18.2s,baz=131,slow=41	LR	LR	18 24 06.1	
N19K	Bonanza Creek	20.41 54	P	P	18 14 47.6	-1.1
L19K	White Mountain	20.42 50	P	P	18 14 48.1	-0.7
O19K	Port Alsworth	20.43 56	P	P	18 14 48.6	-0.3
O19K	Port Alsworth	20.43 56	P	P	18 14 48.0	-0.9
C18K	Utukok River	20.45 30	IAMB	IAMB	18 15 00.0	
C18K	Utukok River	20.45 30	P	P	18 14 48.2	-1.0
J19K	Poorman	20.49 45	P	P	18 14 48.8	-0.7
SII	Sitkinak Isian	20.54 66	P	P	18 14 49.1	-1.1
G19K	Purill Mounta	20.63 38	P	P	18 14 49.7	-1.3
H19K	Roundabout Mou	20.64 40	P	P	18 14 50.1	-1.0
F19K	Shalurock Mo	20.66 36	P	P	18 14 50.9	-0.5
F19K	Shalurock Mo	20.66 36	P	P	18 14 50.8	-0.6
Q19K	Cape Douglas,	20.72 60	P	P	18 14 51.4	-0.8
Q19K	Cape Douglas,	20.72 60	P	P	18 14 50.7	-1.4
GRNR	Gorny	20.91 277	eP	Pn	18 14 56.4	-0.4
GRNR	Gorny	comp=E,20nm,0.8s	eP	Pn	18 14 56.4	-0.4
GRNR	Gorny	comp=Z,10.0nm,1.0s	eP	Pn	18 14 56.4	-0.4
GRNR	Gorny	comp=E,560nm,17.0s	MLR	MLR	18 14 56.4	-0.4
GRNR	Gorny	comp=N,240nm,11.0s	MLR	MLR	18 14 56.4	-0.4
GRNR	Gorny	comp=Z,620nm,18.0s	MLR	MLR	18 14 56.4	-0.4
P19K	Oil Pt	20.95 58	P	IAMB	18 14 54.1	-0.5
P19K	Oil Pt	20.95 58	P	IAMB	18 15 08.9	
P19K	Oil Pt	comp=Z,162nm,0.9s	eP	Pn	18 14 54.3	-0.3
P19K	Oil Pt	20.95 58	P	P	18 14 53.2	-1.6
OHAK	Old Harbor	20.98 64	IAMB	IAMB	18 15 06.7	
OHAK	Old Harbor	20.98 64	P	P	18 14 54.2	-0.6
ILSW	Iliamna Southw	21.01 57	P	P	18 14 54.1	-1.2
ILSW	Iliamna Southw	21.01 57	P	P	18 15 08.7	
K20K	Telida	21.01 47	P	P	18 14 54.6	-0.5
E19K	Redstone River	21.13 35	P	P	18 14 55.9	-0.5
J20K	Nowinta River	21.17 45	IAMB	IAMB	18 15 06.6	
J20K	Nowinta River	21.17 45	P	P	18 14 56.1	-0.7
M20K	Styx River	21.18 51	P	P	18 14 56.1	-1.1
I20K	Naaghedeneel	21.19 43	IAMB	IAMB	18 15 07.5	
I20K	Naaghedeneel	21.19 43	P	P	18 14 56.3	-0.8
C19K	Lookout Ridge	21.20 30	P	P	18 14 56.4	-0.8
RED	Redoubt Volcan	21.21 55	IAMB	IAMB	18 15 05.9	
H20K	Antolenegea M	21.24 41	P	P	18 14 56.6	-1.1
O20K	Slope Mountain	21.27 56	P	P	18 14 57.1	-1.0
KDAK	Kodiak Island	21.32 63	P	P	18 14 58.1	-0.4
KDAK	Kodiak Island	21.32 63	P	P	18 23 21.9	
KDAK	Kodiak Island	comp=Z,1um,19.9s,baz=257,slow=37	LR	LR	18 23 21.9	
KDAK	Kodiak Island	comp=Z,28nm,0.6s	eP	Pn	18 14 58.0	-0.4
KDAK	Kodiak Island	21.32 63	P	P	18 15 10.8	
KDAK	Kodiak Island	comp=Z,51nm,0.8s	eP	Pn	18 15 09.9	+2.4
KDAK	Kodiak Island	21.32 63	eP	Pn	18 14 57.9	-0.5
D19K	Kuna River	21.33 32	P	P	18 14 58.1	-0.4
D19K	Kuna River	21.33 32	P	P	18 14 58.1	-0.4
Q20K	Shuyak Island	21.38 60	P	P	18 14 58.3	-0.9
SYI	Shuyak Island	21.38 60	P	P	18 14 58.8	-0.3
F20K	Avaraat Lake	21.48 37	P	P	18 14 59.2	-1.0
SPCR	Spurr Chakacha	21.55 53	P	P	18 14 60.0	-1.0
SPU	Mount Spurr	21.62 53	P	P	18 15 01.9	+0.1
HOM	Home	21.75 58	P	P	18 15 02.1	-1.1
PPLA	Purkeypile	21.76 49	P	P	18 15 03.1	-0.2
PPLA	Purkeypile	21.76 49	IAMB	IAMB	18 15 22.8	
PPLA	Purkeypile	comp=Z,80nm,1.1s	eP	Pn	18 15 02.4	-1.0
PPLA	Purkeypile	21.76 49	P	P	18 15 02.3	-1.2
CHUM	Lake Minchumin	21.88 46	P	P	18 15 04.2	-0.7
D20K	Etlivuk River	21.91 32	P	P	18 15 04.2	-0.7
SKT	Skwentna	21.94 51	P	P	18 15 04.5	-0.8
SKT	Skwentna	21.94 51	IAMB	IAMB	18 15 09.7	
SKT	Skwentna	comp=Z,				

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ILAR	Eielson Array	24.37	45	P	P	18 15 28.0	-1.5
E24K	Your Creek	24.45	37	I	Amb	18 15 44.1	
E24K	Your Creek	24.45	37	P	P	18 15 29.8	-0.5
Q23K	Middleton Isla	24.46	58	P	P	18 15 29.8	-0.5
M24K	Tolsona, Glenn	24.47	51	P	P	18 15 29.6	-0.9
G24K	Hadweznic Riv	24.47	40	I	Amb	18 15 33.6	
G24K	Hadweznic Riv	24.47	40	P	P	18 15 29.5	-1.0
F24K	Squaw Lake	24.51	38	P	P	18 15 30.8	-0.1
KLU	Klutina	24.58	53	P	P	18 15 30.6	-1.1
D24K	Happy Valley	24.67	34	I	Amb	18 15 37.4	
D24K	Happy Valley	24.67	34	P	P	18 15 31.4	-0.8
EYAK	Cordova Ski Ar	24.69	55	P	P	18 15 31.6	-0.9
K24K	Donnelly Dome	24.74	47	I	Amb	18 15 47.6	
K24K	Donnelly Dome	24.74	47	P	P	18 15 31.2	-1.8
PAX	Paxon	24.83	49	P	I	18 15 32.4	-1.4
PAX	Paxon	24.83	49	P	I	18 15 32.4	-1.4
PAX	Paxon	24.83	49	P	P	18 15 32.7	-1.1
C24K	Franklin Bluff	24.90	33	I	Amb	18 15 37.9	
C24K	Franklin Bluff	24.90	33	P	P	18 15 33.3	-1.0
HARP	HAARP	24.95	51	P	P	18 15 33.8	-1.1
J25K	Salcha River,	24.99	45	P	P	18 15 34.6	-0.7
G25K	Bearman Lake	25.02	40	P	P	18 15 34.4	-1.0
PRP	Porcupine Dome	25.04	43	P	P	18 15 34.8	-1.0
RIDG	Independent Ri	25.15	48	I	Amb	18 15 47.1	
RIDG	Independent Ri	25.15	48	P	P	18 15 34.6	-2.0
N25K	Chitina, Valde	25.22	53	I	Amb	18 15 40.5	
N25K	Chitina, Valde	25.22	53	P	P	18 15 35.7	-1.6
BMRM	Bremner River	25.23	54	I	Amb	18 16 02.7	
BMRM	Bremner River	25.23	54	P	P	18 15 35.7	-1.8
ZEK	Zeya	25.37	289	eP	P	18 15 39.3	+0.6
ZEK	Zeya	25.37	289	P	P	18 15 39.3	+0.6
ZEK	Zeya	25.37	289	P	P	18 15 39.3	+0.6
ZEK	Zeya	25.37	289	P	P	18 15 39.3	+0.6
F25K	Christian River	25.37	38	I	Amb	18 15 43.6	
F25K	Christian River	25.37	38	P	P	18 15 37.6	-1.0
KAIM	Kayak Island	25.39	57	P	P	18 15 37.9	-0.9
DOT	Dot Lake	25.49	48	I	Amb	18 15 49.6	
E25K	Arctic Village	25.52	37	I	Amb	18 15 39.1	-0.8
E25K	Arctic Village	25.52	37	P	P	18 15 39.1	-0.8
SCRK	Sand Creek	25.54	47	I	Amb	18 16 03.4	
SCRK	Sand Creek	25.54	47	P	P	18 15 39.4	-0.9
D25K	Kavik River	25.55	34	I	Amb	18 16 05.2	
D25K	Kavik River	25.55	34	P	P	18 15 39.2	-1.0
GLB	Gilghina Butte	25.60	53	I	Amb	18 15 43.6	
MENT	Mentasta	25.62	49	I	Amb	18 15 50.8	
BMAR	Burnt Mountain	25.73	39	P	P	18 15 41.3	-0.6
J26L	Joseph Creek	25.76	46	P	P	18 15 40.8	-1.4
J26L	Joseph Creek	25.76	46	P	P	18 15 40.8	-1.4
VRDI	Verde Repeater	25.78	53	I	Amb	18 16 04.3	
TIXI	Tiksi	25.79	331	LR	LR	18 25 58.2	
TIXI	Tiksi	25.79	331	P	P	18 15 40.8	-1.4
TIXI	Tiksi	25.79	331	P	P	18 15 45.8	
TIXI	Tiksi	25.79	331	P	P	18 15 42.4	+0.1
L26K	Log Cabin Wild	25.80	49	I	Amb	18 16 12.5	
L26K	Log Cabin Wild	25.80	49	P	P	18 15 41.3	-1.2
F26K	Shenjek River	25.95	38	I	Amb	18 16 08.4	
F26K	Shenjek River	25.95	38	P	P	18 15 42.5	-1.4
G26K	Porcupine Riv	25.95	40	I	Amb	18 16 01.0	
G26K	Porcupine Riv	25.95	40	P	P	18 15 42.9	-1.0
M26K	Nabesna, AK	25.96	51	P	P	18 15 42.5	-1.5
MCARA	McCarthy VSAT	25.98	53	I	Amb	18 15 55.2	
MCARA	McCarthy VSAT	25.98	53	P	P	18 15 43.2	-1.0
CRQE	Cirque	25.98	54	P	P	18 15 43.5	-0.9
C26K	Camden Bay	26.21	33	P	P	18 15 45.7	-0.5
K27K	Chicken	26.39	47	I	Amb	18 15 59.1	
HEH	HeiHe	26.45	281	eP	P	18 15 48.6	+0.1
HEH	HeiHe	26.45	281	P	P	18 15 48.6	+0.1
HEH	HeiHe	26.45	281	P	P	18 15 48.6	+0.1
HEH	HeiHe	26.45	281	P	P	18 15 48.6	+0.1
M27K	Edge Creek, AK	26.48	51	I	Amb	18 16 01.2	
M27K	Edge Creek, AK	26.48	51	P	P	18 15 48.1	-0.7
L27K	Beaver Creek,	26.49	49	I	Amb	18 15 52.2	
L27K	Beaver Creek,	26.49	49	P	P	18 15 48.4	-0.4
BCAR	Beaver Creek A	26.51	49	P	P	18 15 48.7	-0.3
C27K	Jago River	26.54	34	P	P	18 15 49.1	0.0
USRK	Ussuriysk Ar,	26.58	266	P	P	18 15 50.2	+0.5
BARN	Barnard Glacie	26.66	54	I	Amb	18 16 07.8	
I27K	Kandik River	26.67	44	P	P	18 15 49.8	-0.6
H27K	Steamboat Moun	26.76	42	P	P	18 15 50.8	-0.4
G27K	Doyon Strip	26.77	41	P	P	18 15 50.6	-0.7
CTG	Chitna Glacier	26.82	54	P	P	18 15 51.4	-0.6
CTGM	Chitna Glacie	26.83	54	P	P	18 15 51.6	-0.4
CTGM	Chitna Glacie	26.83	54	I	Amb	18 16 20.3	
BVCY	Beaver Creek	26.95	51	P	P	18 15 51.9	-1.1

E27K	Coleen River	26.99	38	P	P	18 15 52.3	-0.9
LOGN	Logan Glacier	27.00	54	I	Amb	18 16 04.5	
YUK3	Moose Creek	27.18	52	P	P	18 15 54.5	-0.7
I28M	Miner Creek	27.36	44	P	P	18 15 55.5	-1.2
D27M	Malcolm River	27.40	36	P	P	18 15 56.1	-0.9
O28M	Mount Upton	27.40	54	I	Amb	18 16 00.9	
O28M	Mount Upton	27.40	54	P	P	18 15 56.4	-0.9
P1NM	Pinnacle	27.45	56	P	P	18 15 56.7	-0.9
F28M	Old Crow	27.55	39	P	P	18 15 57.6	-0.7
YUK8	Steele Glacier	27.55	53	P	P	18 15 57.1	-1.6
DAWY	Dawson	27.57	47	I	Amb	18 16 16.9	
DAWY	Dawson	27.57	47	P	P	18 15 57.2	-1.3
E28M	Babbage River	27.80	37	P	P	18 16 00.0	-0.5
MJAR	Matushiro Arr	27.89	246	P	P	18 16 03.3	+1.8
MJAR	Matushiro Arr	27.89	246	P	P	18 15 58.7	-2.8
MJAR	Matushiro Arr	27.89	246	P	P	18 15 58.7	-2.8
MJB9	Matsu-Tunnel	27.89	246	P	P	18 15 59.8	-1.8
MAJO	Matushiro	27.89	246	P	P	18 15 59.6	-1.9
MAJO	Matushiro	27.89	246	P	P	18 16 02.8	+1.2
H29M	Whitestone	28.03	42	I	Amb	18 16 16.9	
H29M	Whitestone	28.03	42	P	P	18 16 01.4	-1.2
I29M	Ogilvie Camp,	28.03	44	P	P	18 16 01.9	-0.7
M29M	Somme Creek	28.06	50	P	P	18 16 02.2	-0.8
J29N	Klonkide Camp	28.07	46	P	P	18 16 02.1	-0.9
YUK4	Talbot Arr	28.08	53	P	P	18 16 02.5	-0.8
L29M	L29M	28.17	49	I	Amb	18 16 28.9	
L29M	L29M	28.17	49	P	P	18 16 02.6	-1.2
D28M	Stokes Point	28.20	36	P	P	18 16 02.5	-1.5
G29M	Pine Creek	28.21	41	I	Amb	18 16 02.9	
G29M	Pine Creek	28.21	41	P	P	18 16 02.9	-1.2
O29M	Mount Kennedy	28.25	55	I	Amb	18 16 20.8	
O29M	Mount Kennedy	28.25	55	P	P	18 16 02.9	-1.9
YUK6	Outpost Mounta	28.27	54	P	P	18 16 03.0	-2.0
E29M	Blow River	28.38	38	P	P	18 16 03.8	-1.9
K29M	Barlow Dome	28.40	47	I	Amb	18 16 20.6	
K29M	Barlow Dome	28.40	47	P	P	18 16 04.7	-1.3
HYT	Haines Junctio	28.70	54	I	Amb	18 16 29.4	
HYT	Haines Junctio	28.70	54	P	P	18 16 07.0	-1.7
EPYK	Eagle Plains	28.70	42	I	Amb	18 16 23.0	
EPYK	Eagle Plains	28.70	42	P	P	18 16 07.1	-1.5
P29M	Windy Craggy	28.78	56	P	P	18 16 08.5	-0.9
N30M	Aishikik Lake	28.81	52	P	P	18 16 08.4	-1.3
M30M	Minto, Yukon	28.82	50	P	P	18 16 08.2	-1.5
I30M	Moose Dempster	28.85	44	P	P	18 16 08.4	-1.6
J30M	Hart River	28.89	46	P	P	18 16 09.4	-0.9
JGF	Kuroka	29.04	246	P	P	18 16 09.7	-2.2
JGF	Kuroka	29.04	246	P	P	18 16 36.2	
P30M	Million Dollar	29.08	55	P	P	18 16 10.1	-1.9
F30M	Barrier River	29.11	40	P	P	18 16 10.1	-2.0
O30N	Mendenhall	29.39	54	P	P	18 16 12.7	-2.0
N31M	Braeburn, Yuko	29.43	52	P	P	18 16 13.2	-1.9
PLBC	Pleasant Camp	29.50	56	P	P	18 16 13.9	-1.7
H31M	Peel River	29.68	43	P	P	18 16 16.1	-1.1
G31M	Satah River	29.68	41	P	P	18 16 16.1	-1.1
F31M	Tsighetchic	29.89	40	P	P	18 16 17.9	-1.1
S31K	Pelican	29.90	59	P	P	18 16 17.3	-1.9
M31M	Drury Creek, Y	29.98	50	I	Amb	18 17 06.3	
M31M	Drury Creek, Y	29.98	50	P	P	18 16 18.2	-1.7
INK	Inuvik	29.99	38	P	P	18 16 18.9	-1.0
INK	Inuvik	29.99	38	P	P	18 16 18.9	-1.0
INK	Inuvik	29.99	38	P	P	18 16 18.8	-1.0
WHY	Whitehorse	30.00	54	P	P	18 16 18.4	-1.8
SKAG	Skagway	30.02	56	P	P	18 16 19.0	-1.2
SIT	Sitka	30.61	61	P	P	18 16 24.1	-1.4
R32K	Eaglerest	30.70	58	P	P	18 16 25.0	-1.3
CN2	Changchun	30.73	271	P	P	18 16 26.6	-0.1
CN2	Changchun	30.73	271	P	P	18 17 26.8	+0.2
CN2	Changchun	30.73	271	P	P	18 21 28.4	+0.3
N32M	Quiet Lake	30.77	52	I	Amb	18 16 42.2	
N32M	Quiet Lake	30.77	52	P	P	18 16 25.8	-1.2
P32M	Atlin	30.79	55	P	P	18 16 26.2	-1.0
S32K	Killsnoo	30.89	60	P	P	18 16 26.5	-1.4
P33M	Teslin, Yukon	31.09	54	I	Amb	18 16 45.6	
P33M	Teslin, Yukon	31.09	54	P	P	18 16 28.1	-1.7
HILR	Hillar Array B	31.25	284	P	P	18 16 33.0	+1.7
HILR	Hillar Array B	31.25	284	LR	LR	18 30 58.8	
BOD	Bodaibo	31.43	301	eP	P	18 16 32.9	+0.2
BOD	Bodaibo	31.43	301	P	P	18 16 32.9	+0.2
Q32M	Nakina River	31.67	56	P	P	18 16 32.9	-2.1
T33K	Petersburg	31.93	60	P	P	18 16 35.6	-1.4
U33K	Whale Pass	32.06	62	P	P	18 16 36.5	-1.8
R33M	Jennings River	32.20	55	I	Amb	18 16 44.4	
R33M	Jennings River	32.20	55	P	P	18 16 37.9	-1.7
CRAG	Craig	32.28	63	P	P	18 16 38.9	-1.2
S34M	Telegraph Cree	32.53	58	P	P	18 16 40.8	-1.6

A36M	Sachs Harbour	32.87	31	P	P	18 16 43.8	-1.3
WTLY	Watson Lake, Y	33.07	53	I	Amb	18 17 03.1	
WTLY	Watson Lake, Y	33.07	53	P	P	18 16 45.8	-1.3
V35K	Ketchikan	33.13	63	P	P	18 16 45.8	-1.8
KSR5	Korea Array	33.15	259	P	P	18 16 50.4	+

1d 18h

TKM2	comp=Z,13nm,0.9s	59.64	302	P	P	18 20 16.0	+0.2
KLMR	SNR=7.6						
KLMR	Klimovskoe	59.74	335	eP	S	18 20 14.5	-1.4
KLMR						18 20 21.9	-3.1
SGDS	comp=Z,60nm,1.3s	59.74	303	eP	P	18 20 16.4	0.0
USP	Sogindy	59.94	303	P	P	18 20 18.2	+0.5
CHMS	SNR=15						
CHMS	Chumysh	60.01	303	P	P	18 20 18.6	+0.4
319A	Douglas	60.02	77	IAMB	IAMB	18 20 32.2	
RTBA	comp=Z,16nm,1.0s	60.11	68	IAMB	IAMB	18 20 32.7	
RTBA	Rita Blanca						
KBK	comp=Z,19nm,0.9s	60.16	302	P	P	18 20 19.8	+0.5
KBK	Karagaybulak						
AAK	SNR=9.3						
AAK	Ala-Archa	60.40	302	LR	LR	18 48 49.7	
AAK	comp=Z,379nm,18.4s	60.40	302	P	P	18 20 21.1	+0.1
AAK	Ala-Archa						
AAK	SNR=11						
AAK	Ala-Archa	60.40	302	P	P	18 20 21.2	+0.2
AAK	comp=Z,40nm,1.6s						
AAK	Ala-Archa	60.40	302	iP	P	18 20 21.2	+0.2
LSA	comp=Z,27nm,1.6s	60.53	281	IAMB	IAMB	18 20 25.4	
LSA	Lhasa						
LSA	comp=Z,39nm,1.3s	60.53	281	P	P	18 20 19.2	-3.2
LSA	Lhasa						
UCH	comp=Z,22nm,1.2s	60.69	302	P	P	18 20 23.3	0.0
UCH	Uchtor						
R32A	SNR=5.2						
R32A	Long Quarter	60.89	64	IAMB	IAMB	18 20 25.2	
KSU1	comp=Z,15nm,0.8s	61.53	62	IAMB	IAMB	18 20 29.0	
KSU1	Kansas State U						
JFWS	comp=Z,14nm,0.8s	61.99	55	IAMB	IAMB	18 20 41.0	
JFWS	Jewell Farm						
BORG	comp=Z,20nm,0.8s	62.05	6	LR	LR	18 46 36.1	
BORG	Borgarnes						
MNTX	comp=Z,241nm,21.8s	62.05	74	IAMB	IAMB	18 20 34.7	
MNTX	Cornudas Mount						
KK31	comp=Z,34nm,1.6s	62.05	305	IAMB	IAMB	18 20 33.3	
KK31	Karatay Array						
KK31	comp=Z,39nm,1.6s	62.05	305	iP	P	18 20 31.0	-1.0
KK31	Karatay Array						
KKAR	comp=Z,39nm,1.6s	62.05	305	P	P	18 20 31.1	-0.9
KKAR	Karatay Array						
KKAR	comp=Z,39nm,1.6s	62.05	305	P	P	18 20 31.1	-0.9
KKAR	Karatay Array						
AKTO	comp=Z,54,slow=38	62.10	318	LR	LR	18 49 57.3	
AKTO	Aktuybinsk						
AKTO	comp=Z,39nm,19.0s	62.10	318	P	P	18 20 31.4	-0.7
AKTO	Aktuybinsk						
AB31	comp=Z,62,slow=38	62.12	316	P	P	18 20 32.5	-0.5
AB31	Abkulak array						
AB31	comp=Z,21nm,1.3s	62.22	316	iP	P	18 20 32.3	-0.7
AB31	Abkulak array						
AB31	comp=Z,21nm,1.3s	62.22	316	P	P	18 20 32.3	-0.7
AB31	Abkulak array						
FINES	comp=Z,8.1nm,0.9s,baz=18,slow=8.0,SNR=9.2	62.23	342	P	P	18 20 33.2	+0.3
FINES	FINES Array B						
FINES	comp=Z,131nm,18.6s,baz=45,slow=42	62.40	299	P	P	18 20 35.0	+0.5
KSH2	comp=Z,8.1nm,0.9s	62.40	299	P	P	18 20 35.0	+0.5
KSH2	Kashi						
KSH2	comp=Z,27nm,1.4s						
KSH2	Kashi						
KSH2	comp=Z,420nm,12.9s						
KSH2	Kashi						
KSH2	comp=Z,510nm,14.3s						
KSH2	Kashi						
SCHO	comp=Z,620nm,13.5s	62.44	33	P	P	18 20 34.6	+0.3
SCHO	Schefferville						
SCHO	comp=Z,42nm,1.1s,baz=337,slow=7.5,SNR=13	62.44	33	LR	LR	18 51 15.4	
SCHO	Schefferville						
SWI	comp=Z,231nm,18.1s,baz=314,slow=40	62.93	225	P	P	18 20 39.6	+1.5
SWI	Sorong						
SWI	comp=Z,42nm,1.1s	62.93	225	P	P	18 20 39.6	+1.5
SWI	Sorong						
SJUI	comp=Z,38nm,1.0s	62.93	225	P	P	18 20 39.5	+1.4
SJUI	Sorong						
VHRN	comp=Z,33nm,1.0s	62.95	74	IAMB	IAMB	18 20 55.5	
VHRN	Van Horn						
IUG	comp=Z,14nm,1.3s	63.00	305	eP	P	18 20 38.5	+0.1
IUG	Iuzhnyy						
IUG	comp=Z,25nm,1.6s	63.00	305	eP	P	18 20 38.5	+0.1
IUG	Iuzhnyy						
IUG	comp=Z,25nm,1.6s	63.00	305	eP	P	18 20 38.5	+0.1
IUG	Iuzhnyy						
128A	comp=Z,25nm,1.6s	63.03	71	IAMB	IAMB	18 20 40.9	
128A	Castleberry Fa						
128A	comp=Z,27nm,1.4s	63.03	71	IAMB	IAMB	18 20 40.9	
128A	Castleberry Fa						
CHM	comp=Z,6.0nm,0.7s	63.08	305	eP	P	18 20 38.9	0.0
CHM	Chimkent						
CHM	comp=Z,6.4nm,0.7s	63.08	305	eP	P	18 20 39.0	0.0
CHM	Chimkent						
DKNS	comp=Z,6.0nm,0.7s	63.15	69	IAMB	IAMB	18 20 52.0	
DKNS	Dickens						
SHL	comp=Z,11nm,0.8s	63.15	277	P	P	18 20 39.6	-0.2
SHL	Shilong						
SHL	comp=Z,11nm,0.8s	63.15	277	P	P	18 20 39.6	-0.2
SHL	Shilong						
PECS	comp=Z,64nm,1.4s	63.16	73	IAMB	IAMB	18 20 41.9	
PECS	Peacos						
PECS	comp=Z,24nm,1.6s	63.16	73	IAMB	IAMB	18 20 41.9	
PECS	Peacos						
WMOK	comp=Z,26nm,1.1s	63.55	67	IAMB	IAMB	18 20 44.0	
WMOK	Wichita Mounta						
TPB05	comp=Z,17nm,1.4s	63.81	73	IAMB	IAMB	18 20 46.0	
TPB05	Hovey Rd						
MNHN	comp=Z,12nm,0.7s	63.82	72	IAMB	IAMB	18 20 56.3	
MNHN	Monahans						
APMT	comp=Z,39nm,1.2s	63.85	69	IAMB	IAMB	18 20 45.7	
APMT	Aspermont						
CHTO	comp=Z,18nm,1.1s	64.03	267	P	P	18 20 46.0	+0.6
CHTO	Chiang Mai						
CHTO	comp=Z,18nm,1.1s	64.03	267	P	P	18 20 46.0	+0.6
CHTO	Chiang Mai						
CHTO	comp=Z,18nm,1.1s	64.03	267	P	P	18 20 46.4	+1.0
CHTO	Chiang Mai						
KKM	comp=Z,18nm,1.2s	64.26	243	P	P	18 20 46.2	-0.8
KKM	Kota Kinabalu						
CM31	comp=Z,16nm,0.9s	64.30	267	IAMB	IAMB	18 21 00.4	
CM31	Chiang Mai Arr						
CMAR	comp=Z,4.0nm,1.0s,baz=24,slow=7.2,SNR=35	64.30	267	P	P	18 20 48.6	+1.4
CMAR	Chiang Mai Arr						
CMAR	comp=Z,108nm,20.3s,baz=40,slow=38	64.30	267	LR	LR	18 50 33.1	
CMAR	Chiang Mai Arr						
CMAR	comp=Z,4.0nm,1.0s	64.30	267	P	P	18 20 47.3	+0.1
CMAR	Chiang Mai Arr						
TUL3	comp=Z,36nm,1.4s	64.32	64	IAMB	IAMB	18 20 48.1	
TUL3	Leonard						
SGCY	comp=Z,28nm,1.0s	64.33	71	IAMB	IAMB	18 20 49.2	
SGCY	Sterling City						
BELG	comp=Z,18.6s,baz=92,slow=39	64.41	325	LR	LR	18 51 46.8	
BELG	Belogomoye						
BELG	comp=Z,18.6s,baz=92,slow=39	64.41	325	iP	P	18 20 47.7	+0.3
BELG	Belogomoye						
BELG	comp=Z,9.0nm,1.3s	64.66	333	eP	P	18 20 47.8	-1.2
BELG	Moscow						
MOS	comp=Z,57nm,1.3s	64.66	333	eS	S	18 29 27.0	-0.2
MOS	Moscow						
MOS	comp=Z,1nm,0.8s	64.68	63	IAMB	IAMB	18 21 35.2	
MOS	Gravette						
TX31	comp=Z,36nm,1.4s	64.79	74	IAMB	IAMB	18 20 52.5	
TX31	Lajitas Ar. Si						
TXAR	comp=Z,5.0nm,0.8s,baz=304,slow=4.5,SNR=48	64.79	74	P	P	18 20 51.1	+0.7
TXAR	Lajitas Array						
TXAR	comp=Z,194nm,20.3s,baz=312,slow=34	64.79	74	LR	LR	18 47 20.2	
TXAR	Lajitas Array						
TXAR	comp=Z,5.0nm,0.8s	64.79	74	P	P	18 20 50.7	+0.3
TXAR	Lajitas Array						
TXAR	comp=Z,14nm,1.9s,baz=312,slow=34	64.79	74	LR	LR	18 46 35.1	
TXAR	La Paz						
NB2	comp=Z,4.8nm,0.7s,baz=15,slow=6.9	64.79	83	LR	LR	18 20 50.8	+0.2
NB2	NORSAR Subarra						
NOA	comp=Z,8.4nm,0.6s,baz=14,slow=6.6,SNR=22	64.79	83	P	P	18 20 50.7	+0.2
NOA	NORSAR Array B						
NOA	comp=Z,134nm,20.8s,baz=355,slow=35	65.03	62	LR	LR	18 48 23.9	
NOA	Hobbs						
HHAR	comp=Z,8.4nm,0.8s	65.03	62	IAMB	IAMB	18 20 53.9	
HHAR	Hobbs						
OZNA	comp=Z,14nm,1.1s	65.06	71	IAMB	IAMB	18 20 54.0	
OZNA	Ozona						
PLPT	comp=Z,20nm,1.2s	65.24	68	IAMB	IAMB	18 20 59.0	
PLPT	Palo Pinto						

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MGMO	comp=Z,13nm,0.8s	65.26	61	IAMB	IAMB	18 20 53.4	
MGMO	Mountain Grove						
PMG	comp=Z,16nm,0.9s	65.41	205	LR	LR	18 46 09.7	
PMG	Port Moresby						
BRDH	comp=Z,151nm,19.4s,baz=353,slow=33	65.47	275	LR	LR	18 52 25.4	
BRDH	Baridhaala						
HFS	comp=Z,97nm,18.7s,baz=18,slow=						

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like KSV, STEB, NIE, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like BFO, BFO, GZR, etc.

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

RSNC 01 18:13:43.6:0,0,3'N1°:7'44.7E, h0km2,2km, M3.4, mB4.8, mb4.5, ML3.3, Mw(m)4.0, Colosse

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like URM, URM, PRAC, etc.

NOU 01 18:28:57.1, 13°49S-165°91E, h0km, MLV4.8/3, Vanuatu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SANVU, NGOA, etc.

Additional text providing coordinates and station information: IDC 01 18:47:17.0:0.5, 44°00'N-150°31'E, h0km, mb4.2/2.3, etc.

OFF ETOROFU
 BUJ 01 18:47:21.6, 43°97'N, 150°02'E, h33km, mB5.0/10, mb4.5/43, Ms4.3/2, Ms7 4.3/5
 ISC 01 18:47:20.7-0.6, 43°92'N, 150°05'E, h28km, mB5.0/10, mb4.6/48, Ms3.9/22, 17C-16D, East of Kuril Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s	ISC	Time	Res
KUR	Kuril'sk	2.14	309	Op	Pn	18	47	54.0	+0.5	18 48 19.0	-1.0
KUR	comp=N,333nm,0.5s			pmax	pmax						
KUR	comp=Z,868nm,0.5s			pmax	pmax						
KUR	comp=E,255nm,0.6s			smax	smax						
KUR	comp=E,3um,0.7s			smax	smax						
KUR	comp=N,1um,0.6s										
KUR	Kuril'sk	2.14	309	eP	Pn	18	47	53.1	-1.4		
KUR	comp=N,870nm,0.5s			eS	A	18	48	18.1	-1.9		
KUR	comp=N,6um,0.6s			A	A	18	48	19.6			
KUR	comp=N,5um,0.6s			A	A	18	48	19.6			
YUK	Yuzh-Kuril'sk	3.15	274	d/PN	Pn	18	48	07.5	-1.0		
YUK	comp=E,41nm,0.2s			pmax	pmax						
YUK	comp=Z,159nm,0.2s			pmax	pmax						
YUK	Yuzh-Kuril'sk	3.15	274	eP	Pn	18	48	07.7	-0.8		
YUK	comp=Z,250nm,0.2s			eS	A	18	48	43.8	-1.4		
YUK	comp=Z,970nm,0.4s			A	A	18	48	45.2			
YUK	comp=Z,1um,0.4s			A	A	18	48	45.2			
NEM2	Nemuro 2	3.31	262	eP	Pn	18	48	09.0	-1.5		
NEM2	comp=Z,1um,0.4s			eS	Pn	18	48	44.9	-4.0		
NMR	Nemuro-Hokkai	3.31	262	ePN	Pn	18	48	08.9	-1.8		
NMR	Nemuro-Hokkai	3.31	262	eP	Pn	18	48	09.3	-1.4		
NMR	comp=Z,1um,0.4s			eS	Pn	18	48	46.8	-2.3		
NMR	comp=Z,1um,0.4s			ePN	Pn	18	48	11.6	-0.4		
GLVR	Golovnino	3.41	269	eP	Pn	18	48	11.6	-0.4		
GLVR	comp=N,20nm,0.1s			eS	A	18	48	12.2			
GLVR	Golovnino	3.41	269	eP	Pn	18	48	49.1	-2.4		
GLVR	comp=N,230nm,0.2s			eS	A	18	48	54.1			
GLVR	comp=N,1um,0.3s			A	A	18	48	54.1			
GLVR	comp=N,940nm,0.3s			A	A	18	48	54.1			
RUSJ	Misakicho	3.60	275	ePN	Pn	18	48	15.0	+0.4		
JRA	Rausu	3.69	272	P	Pn	18	48	15.9	+0.1		
JNK	Nakash	4.01	267	eP	Pn	18	48	19.4	-0.8		
AKK	Akkeshi	4.03	259	eP	Pn	18	48	20.0	-0.4		
JAK	Akkeshi	4.13	259	eP	Pn	18	48	21.2	-0.7		
JAK	JAK	4.19	259	eP	Pn	18	48	06.9	-2.4		
JTRK	Abashiri-Toko	4.57	273	eP	Pn	18	48	28.1	+0.2		
JAR	Ashorobuto	4.73	265	P	Pn	18	48	30.2	0.0		
JCH	Chumik	5.18	258	iP	Pn	18	48	35.9	-0.5		
JCH	JCH	5.18	258	iP	Pn	18	48	32.8	-2.4		
JKA	Kamikawa-asahi	5.51	275	Pn	Pn	18	48	43.5	+0.3		
JKA	Kamikawa-asahi	5.51	275	Pn	Pn	18	48	38.3	-2.5		
JKA	Kamikawa-asahi	5.51	275	Pn	Pn	18	48	42.2	+1.4		
ASAJ	Asahikawa	5.51	275	Pn	Pn	18	48	42.2	+1.4		
ASAJ	comp=N,2.4nm,0.3s,baz=124,slow=9.8,SNR=8.2			Sn	Sn	18	49	43.5	+0.3		
ERM	Ermo	5.53	252	Pn	Pn	18	48	39.9	-1.2		
ERM	Ermo	5.53	252	Pn	Pn	18	48	40.2	-3.5		
YSS	Yuzhno-Sakhal	6.07	303	Pn	Pn	18	48	45.3	-3.2		
YSS	Yuzhno-Sakhal	6.07	303	ePN	Pn	18	48	48.9	+0.4		
YSS	comp=Z,20nm,1.3s			pmax	pmax						
YSS	comp=Z,700nm,18.0s			MLR	MLR						
YSS	comp=N,1um,13.0s			MLR	MLR						
YSS	comp=E,800nm,13.0s			MLR	MLR						
YSS	Yuzhno-Sakhal	6.07	303	eP	Pn	18	48	48.9	+0.4		
JANG	Nango	7.38	244	eP	Pn	18	49	04.7	-1.9		
UGL	Ulgjegorsk	7.63	315	ePN	Pn	18	49	14.4	+4.5		
UGL	UGL	7.63	315	eS	Pn	18	50	48.9	+1.3		
UGL	comp=Z,30nm,0.6s			smax	smax						
UGL	comp=E,1um,6.8s			smax	smax						
UGL	comp=N,500nm,4.5s			smax	smax						
UGL	Ulgjegorsk	7.63	315	eP	Pn	18	49	10.8	+0.8		
UGL	UGL	7.63	315	eS	Pn	18	50	33.4	-2.0		
SKR	Severo-Kuril's	7.85	291	ePN	Pn	18	49	11.7	-1.3		
SKR	Severo-Kuril's	7.85	291	eP	Pn	18	49	12.9	-0.1		
SKR	comp=N,50nm,0.5s			AMB	AMB	18	49	15.5			
TYV	Tymovskoe	8.63	326	eP	Pn	18	49	27.2	+3.5		
TYV	comp=Z,300nm,3.1s			pmax	pmax						
TYV	Tymovskoe	8.63	326	eP	Pn	18	49	24.5	+0.8		
TYV	comp=Z,7.0nm,0.9s			eS	Pn	18	50	57.6	-2.4		
PAU	Pauzhetka	8.75	288	eS	Pn	18	49	26.2	+0.9		
PEAB	Petrovskovsk	10.43	26	Pn	Pn	18	49	48.2	-0.2		
PEAB	Petrovskovsk	10.43	261	ePN	Pn	18	49	48.3	0.0		
PETK	Petrovskovsk	10.43	26	Pn	Pn	18	49	46.8	-1.5		
PETK	comp=Z,0.4nm,0.3s,baz=128,slow=11,SNR=9.0			Sn	Sn	18	51	42.9	-1.3		
PETK	comp=Z,0.1nm,0.3s,baz=128,slow=11,SNR=1.6			Sn	Sn	18	51	42.9	-1.3		
PETK	comp=Z,157nm,21.4s,baz=214,slow=14			LR	LR	18	54	17.6			
PETK	comp=Z,4.9nm,0.8s			LR	LR	18	54	17.6			
PETK	Petrovskovsk	10.43	26	Pn	Pn	18	49	47.0	-1.3		
JSD	Sado	10.79	241	Pn	Pn	18	49	51.7	-1.6		
NKL	Nikolayevsk	11.18	329	eP	Pn	18	49	58.3	-0.2		
MAJO	Matsushiro	11.77	235	Pn	Pn	18	50	04.1	-2.7		
MAJO	Matsushiro	11.77	235	ePN	Pn	18	50	06.0	-0.7		
MJAR	Matsushiro Arr	11.77	235	Pn	Pn	18	50	05.8	-0.9		
MJAR	comp=Z,0.1nm,0.3s,baz=92,slow=14,SNR=17			Sn	Sn	18	52	17.2	+0.1		
MJAR	comp=Z,310,slow=34,SNR=1.7			Sn	Sn	18	52	17.2	+0.1		
MJAR	Matsushiro Arr	11.77	235	Pn	Pn	18	50	04.5	-2.2		
MJB9	Matsu-Tunnel	11.77	235	Pn	Pn	18	50	03.7	-3.0		
JGF	Kuroka	12.92	324	Pn	Pn	18	50	21.1	-1.3		
USRK	Ussuriysk Ar.	13.13	278	Pn	Pn	18	50	25.4	+0.2		
INU	Inuyama	13.29	234	Pn	Pn	18	50	25.2	-2.3		
PSTR	Posyet	14.21	272	eP	Pn	18	50	38.5	-1.4		
MA2	Magadan	15.68	1	LR	LR	18	58	31.1			
BNX	BinXian	16.29	284	LP	Pn	18	51	06.7	-0.6		
BNX	comp=Z,10.0nm,1.4s			pmax	pmax						
HEH	HeiHe	16.74	300	eP	Pn	18	51	13.6	+0.5		
HEH	comp=Z,4.0nm,0.7s			pmax	pmax						
ZEA	Zeya	17.96	311	eP	P	18	51	29.5	+1.0		
ZEA	comp=N,10.0nm,0.8s			pmax	pmax						
ZEA	comp=N,10.0nm,0.8s			pmax	pmax						
KSRS	Korea Array	18.08	257	P	P	18	51	30.7	+0.8		
KSRS	comp=Z,10.0nm,1.0s			pmax	pmax						
KSRS	comp=Z,10.0nm,1.0s			pmax	pmax						
JNU	Nakatsue	18.55	241	LR	LR	18	59	12.4			
JNU	comp=Z,98nm,20.3s,baz=50,slow=38			LR	LR	18	59	12.4			
SEY	Seymchan	19.09	3	P	P	18	51	39.9	-0.9		
SEY	comp=Z,0.1nm,0.3s,baz=199,slow=17,SNR=4.3			P	P	18	51	39.9	-0.9		
SEY	comp=Z,3.2nm,0.9s			P	P	18	51	37.6	-3.2		
SEY	Seymchan	19.09	3	eP	P	18	51	37.6	-3.2		
SEY	comp=Z,1.3nm,0.7s			MLR	MLR	18	51	37.6	-3.2		

HILR	comp=Z,155nm,8.0s			P	P	18	52	07.0	-0.6		
HILR	Hailar Array B	21.54	296	P	P	18	52	07.0	-0.6		
HILR	comp=Z,1.1nm,0.6s,baz=91,slow=12,SNR=12			LR	LR	18	52	07.0	-0.6		
YAK	comp=Z,1.1nm,0.6s			P	P	18	52	08.0	-1.9		
YAK	Yakutsk	21.78	334	P	P	18	52	08.0	-1.9		
YAK	comp=Z,15nm,0.4s,baz=242,slow=0.9,SNR=12			S	S	18	52	08.0	-1.9		
YAK	comp=Z,7.0nm,0.6s,baz=69,slow=17,SNR=6.8			S	S	18	52	08.0	-1.9		
YAK	comp=Z,371nm,19.0s,baz=107,slow=39			LR	LR	18	52	08.0	-1.9		
YAK	comp=Z,15nm,0.4s			S	S	18	52	08.0	-1.9		
YAK	Yakutsk	21.78	334	P	P	18	52	06.9	-3.1		
YAK	comp=Z,29nm,0.8s			IAMB							

Table with columns: YKA, Yellownknife Ar, 54.41 35, i P, P, 18 56 45.4 +0.7, etc. Includes stations like SVE, SVK, KK31, etc.

Table with columns: MNK, Minsk, 70.36 328, i P, P, 18 58 31.6 0.0, etc. Includes stations like HFS, U15A, NCK, etc.

Table with columns: CONA, Conrad Observa, 80.11 331, i P, P, 18 59 29.5 +1.6, etc. Includes stations like RONA, TXAR, MOA, etc.

SOME 01 18:55:51.4, 43:12N:76:67E, h0km
KRNET 01 18:55:53.0, 41.41:03N:76:64E, h28km, mb2.0
NNC 01 18:55:51.3, 0.8, 42:89N:77:15E, h0km, mpv2.3, 4C-8D,
Error ellipse: s-maj=4.8km s-min=3.9km az=150.0, Lake
Issyk-Kul region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TNSS, TNS, MDOK, etc.

IDC 01 19:07:25.9, 2.9:82S:112:61E, h0km, mb3.5/5,
mbmp3.07, ML3.5/2, Error ellipse: s-maj=91.0km
s-min=20.3km, az=46.0, 10'S:4'x11'3E', h10km, M3.9/19,
mb3.9/3, MLV3.9/19

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GMJI, JAGI, BLJI, etc.

Table with columns: Name, Time, Date, Status, and other details. Includes entries like MEEK Meekatharra, FAKI Fak Fak, QSPA South Pole Qui, etc.

Table with columns: Name, Time, Date, Status, and other details. Includes entries like LLO5 comp=Z,58nm,1.1s, COCO comp=Z,2.0m,19.0s, MASJI Maura Aman, etc.

Table with columns: Name, Time, Date, Status, and other details. Includes entries like BORC Borrego Spring, NJ2 Nanjing, AC05 El Transito, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRUC Moravsky, MODS Modra-Piesok, MORH Mrgy, Huesgar, CKRC Cesky Krumlov, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB08 IPOC Station P, PB03 Chusmiza, PB07 Punta Patache, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CFA, VILB Vilhena, CPUB Villa Florida, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SJA 01 19:29:00.5, GUC 01 19:29:02.0, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB18 Juntas del Tor, GO02 Mina Guanaco, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TORO Torodi Ar, HLD Halley, etc.

1d 20h

Error ellipse: s-maj=16.2km s-min=4.8km az=56.0 56 km SSW of Sarajevo

ISC 01 19:31:14.7-1.3, 43.24N:0.05-17.65E:0.05, h16km, 12km, n16, s140/30, 5-5D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, A° AZ, Phase ID, Time, Res, ISC. Lists stations like Bratogost, Unac-Piva, Herceg Novi, Niksic, Ceme, etc.

TIR 01 19:47:12.0, 40.56N:20.92E, h6km, 2km, MI2.0/2, Greece-Albania border region

Table with columns: Code, Station Name, A° AZ, Phase ID, Time, Res, ISC. Lists stations like Korca, Nestorio, Igoumenitsa.

IDC 01 19:50:43.6-1.7, 1.75N:126.88E, h0km, mb3.4/4, mbmp3.4/5, ML3.2/1, MS4.2/1, Error ellipse: s-maj=121.7km s-min=20.7km az=69.0

NEIC 01 19:50:46.1-2.0, 1.9N:0.1, 126.60E:0.09, h35km, 2km, mb4.1/10, Error ellipse: s-maj=21.2km s-min=12.1km az=216.0

DJA 01 19:50:47.5-0.3, 1.1N:3.12'E, h10km, M3.5/8, MLv3.5/8 ISC 01 19:50:47.3-0.8, 1.75N:0.08, 126.56E:0.07, h47km, n25, s2504/26, mb3.9/10, Northern Molde Sea

Table with columns: Code, Station Name, A° AZ, Phase ID, Time, Res, ISC. Lists stations like Ternate, Sanana, Luwuk, Warrungga Arr, etc.

IDC 01 19:56:58.0-1.8, 53.35N:170.58E, h0km, mb3.8/9, mbmp3.9/11, ML3.5/2, Error ellipse: s-maj=44.1km s-min=17.7km az=14.0

MOS 01 19:56:57.5-0.6, 52.98N:170.34E, h23km, mb4.4/3, Error ellipse: s-maj=14.7km s-min=10.6km az=6.3

KRSC 01 19:56:57.8-0.5, 52.90N:170.27E, h64km, 38km, M4.5 NEIC 01 19:56:58.3-1.8, 53.1N:0.1, 170.38E:0.05, h10km, 1km, mb4.1/36, Error ellipse: s-maj=20.7km s-min=0.5, 1km az=170.0

ISC 01 19:56:57.3-0.7, 53.1N:0.1, 170.31E:0.05, h10km, n88, s152/86, mb4.1/22, Near Islands

Table with columns: Code, Station Name, A° AZ, Phase ID, Time, Res, ISC. Lists stations like Shemya Is, Ala, Somma, Avacha, etc.

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Main table with columns: PET, KRMR, KRMK, etc. Lists seismic events with station codes, times, and magnitudes.

64 0s=11.00000°, 0.669.00000°, 1.84.00000°. Principal axes: T 5.1670, Plg65.0000°, Azm271.0000°; N -0.3480, Plg6.0000°, Azm133.0000°; P -4.8190, Plg24.0000°, Azm106.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NOU 01 20:01:58.2, 35.56S:178.78W, h47km, mb4.7/9, East of North Island, N.Z.

ISC 01 20:01:27.8-0.8, 33.21S:0.05, 178.26W:0.06, h13km, 5km, n208, s175/197, mb4.9/37, MS4.5/31, 7C-15D, South of Kermadec Islands

Table with columns: Code, Station Name, A° AZ, Phase ID, Time, Res, ISC. Lists stations like Green Lake, Raoul Island, Matakaoa Point, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, WARRAMUNGUA Arr, WRAB Tennant Creek, WRA Warramunga Arr, FORT Forrest, VANDA Vanda, MTN Mantion Dam, KNRA Kununurra, FITZ Fitzroy Cross, CASY Casey, FAKI Fak Fak, MORW Morawa, MBWA Marble Bar, QSPA South Pole Qui, QSPA South Pole Qui, SIAI Soron, BIJI Baumata, RPN Rapa Nui, GIRL Giralia, SANI Sanana, DAV Davao City (W), BELA Belgrano 2, MAW Lawson, PMSA Palmer Station, ELIB Princess Elisa, SNAASanae, SNAASanae, SNAASanae, SNAASanae, VNA3 Neumayer Olymp, VNA2 Neumayer-7atz, VNA1 Neumayer-Stat, LL02 Futaleuf, MJAR Matsushiro Arr, MAJO Matsushiro, PLCA Paso Flores, PLCA Paso Flores, BI02 Paso Flores, BI02 Paso Flores, ASAJ Sierra Bellavi, MT01 Popeta, MT09 Talagante, GSAJ Asahikawa, ASJ Gunungsitoli, SHEM Shemya Is, Ala, COE2 Combartal, LPIG La Paz, KSRS Korea Array, YSS Yuzhno-Sakhali, NJ2 Nanjing, TEY Terne, PFO Pinyon Flats O, PETK Petropavlovsk, PETK Petropavlovsk, CLC China Lake, CLC China Lake, NVAR Mina Array Bea, CN2 Changchun, NNA Nana, ELK Eiko, CMIG Matias Romero, TXAR Lajitas Array, TXAR La Paz, TXAR La Paz.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, ANMO Albuquerque, MA2 Magadan, PZH PanZhihua, LPZAZ La Paz, HHC Hu-ho-hao-te, CPUP Villa Florida, YKA Yellowknife Arr, TIXI Tiksi, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, RES Resolute Bay, KURK Kurchatov, KURK Kurchatov, KURB Kurchatov Arr, BVAR Borovoye, BORK Borovoye, ARTI Arti, BELG Belogomoye, MAK Makhachalka, MAK Mak, MAK Mak, VRRH Novokhoporsky, NCK Nalchik, GOF Gofitsko, KBZ Khabaz, KBZ Khabaz, MOS Moscow, MOS Moscow, SHAI Shidzhatmaz, LPSR Galich'y Gora, VORR Voronezh, VORR Voronezh, OBN Obninsk, OBN Obninsk, VSR Storozhevo, FINES FINESS Array B, FINES FINESS Array B, NOA NOR SAR Subarata151, NOA NOR SAR Subarata151, MMAI Mount Meron Arr, HFS Hagfors, NACGM Naroch, DBIC Dimboko, DBIC Dimboko, AKASG Malin Array Be, AKASG Malin Array Be, AK08 Malin Array Si, AK05 Malin Array Si, AK20 Malin Array Si, BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B, TORO Torodi Arr, BRG Bergiesshubel, BRG Bergiesshubel, RONA Rosalind Aust, CONA Conrad Observa, GERES GRESS Array B, BGES Gesves, WTTA Wattenberg, RETA Reutte, DAVA Damuels, IDC 01 20:07:25.1,2,6,34'01N,88'16E, mb3.1/1, mbmtip3.2/5, ML3.0,3, Error ellipse: s-maj=65.0km, s-min=29.1km az=58.0, Xizang, Code Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, CMAR Chiang Mai Arr, SONM Songino Array, BVAR Borovoye Array, SOME 01 20:17:02.0,39'15N,70'83E, h010km, NNC 01 20:17:08.1,2,9,38'99N,70'22E, h022, mb3.6, mpv3.1, Error ellipse: s-maj=27.0km, s-min=15.6km az=166.0, ISC 01 20:17:05.2,3,0,38'7N,70'2,7'1E, h010, h10km, n12, s125/18,2C-3D, Afghanistan-Tajikistan border region, Code Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like IUG luzhnay, IUG luzhnay, BRLS Boroday, BRLS Boroday, KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array, MRKS Merke, MRKS Merke.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like UCH Uchter, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, KBK Karagaybulak, CHMS Chumysh, TKMK Tokmak 2, AB31 Akbulak array, AKTO Aktyubinsk, NEIC 01 20:32:14.6,1.7, 18'7S:0.1,172'21W:0.10, h10km, 1km, mb4.9/59, Error ellipse: s-maj=20.5km s-min=14.8km az=196.0, IDC 01 20:32:15.1,5.1, 18'77S:172'51W, h0km, mb4.3/16, mbmp4.3/17, ML3.8/1, MS4.1/9, Error ellipse: s-maj=21.7km s-min=15.9km az=135.0, BGR 01 20:32:23.7, 17.94S:170'83W, h33km, Ms5.3, ISC 01 20:32:17.8,0.4, 18.59S:0.06:172'22W:0.06, h35km, n153, s192/110, mb4.7/42, MS4.2/8, 1C-3D, Tonga, Code Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like NIUE Niue, AFU Afiamalu, RAR Rarotonga, MARNC Mare, Loyalty, MARNC Mare, PINN Pine Island, DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, PAE Paea, PPT2 Papeete2, PPT2 Papeete2, PPT Papeete, URZ Urewera, TIAR Tiarei, TVO Taravao, TOZ Tahuroa Rang, PMOR Pomarioro Reef, TCW Teu Channel, QRZ Quartz Range, THZ Tophouse, DSZ Denniston North Lake Taylor, LTZ Lake Taylor, TAOE Nuku Hiva Island, TAOE Nuku Hiva Island, EIDS Eidsvold, ARMA Armbalda, CAN Canbera, CAN Canbera, CTAO Charters Tower, CTAO Charters Tower, H1S2 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, COEN Coen, H1N3 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, BB00 Bucklebo, WR8 Warramunga Arr, WR8 Warramunga Arr, WB30 Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, WRA Warramunga Arr, MTN Mantion Dam, MTN Mantion Dam, KNRA Kununurra, KNRA Kununurra, RPN Rapa Nui, VANDA Vanda, VANDA Vanda, VOA Vanda, VOA Vanda, MBWA Marble Bar, TOL12 Tolitoli, TOL12 Tolitoli, H06S1 Soccorro T, GSPA South Pole Qui, GSPA South Pole Qui, GSPA South Pole Qui, MJAR Matsushiro Arr, MJAR Matsushiro Arr, LPIG La Paz, LPIG La Paz, PFO Pinyon Flats O, PFO Pinyon Flats O.

1d 20h

Table with columns: CMB, Columbia Colle, 74.43, 40, P, Iamb, P, 20 43 52.5, 0.0, 20 43 57.8, etc. Includes stations like Laurel Mtn Rd, Iron Mountain, Minna Array, etc.

2020 JAN

Table with columns: BFO, Black Forest, 150.33, 359, ePKPbc, PKPab, 20 52 09.9, -1.8, etc. Includes stations like Wattenberg, Feichten, Torodi, etc.

66

Table with columns: CNGZ, Te Karaka, 6.19, 208, S, Sn, 20 41 04.5, +3.3, etc. Includes stations like Matawai, Urewera, Rimuhau, etc.

2020 JAN

Table with columns: WRA, WB0, WBO, Vnda, Fort, MTN, KNRA, FITZ, CASY, FAKI, GSPA, QSPA, SNA, SIA, BPN, RNI, MJAR, PLCA, SLEM, PHIG, KSRS, NJ2, NJO, PFO, PETK, BC3, NVAR, CMIG, TXAR, CMAR, PZH, LPZA, HHC, HHC, JTS, CPUP, LZH, MKAR, ZALV, KURBB, BVAR, ARCES, KBZ, FINES, ARPP, NC303, NB2, NOA, MMAI, AFSG, BRTR, BRTR, TORD, BRG, BRG, WEL, NEIC, ISC, Code, Station Name, Az, Az2, Phase ID, Time, Res.

Table with columns: CTZ, CIDZ, EIDS, CTAO, COEN, AS31, ASAR, ASAR, WRA, WB0, CASY, GSPA, QSPA, SNA, SIA, FINES, FINES, ARPP, ARPP, HFS, AKAS, BRTR, TORD, ISC, Code, Station Name, Az, Az2, Phase ID, Time, Res.

Table with columns: TA01, PB11, PB11, PB11, AC02, AC02, AC01, AC01, AC01, TINO, TINO, PB16, AC06, PB12, PB18, AC04, AC05, LPZA, LPZA, LPZA, LPZA, LCO, CO01, SIV, CO03, CO03, CFA, ZON, ZON, ZON, VA03, PEL, MT08, MT05, MT03, MIT1, LMEL, MT09, BO04, VILB, VILB, MIT1, TRCB, PTGB, ITAB, BI02, TRQA, AR04, BB19, SPB, IPMB, VAO, PLCA, PLCA, SNDB, BDFB, BDFB, NPGB, AY01, AY01, JANB, SDBA, SDBA, NBPS, RCBR, RCBR, SNA, SNA, MB13, DBIC, DBIC, TORD, TORD, BOA, BOA, ESCD, ZALV, MKAR, HHC, PZH, ISC, Code, Station Name, Az, Az2, Phase ID, Time, Res.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PETK, NV11, SHPR, TUC, LCMT, KNB, KSAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR, WRA, PDAR, ILAR, GBRP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SAUI, SAUI, SAUI, KMP1, etc.

IDC 01 23:14:02.3-5.6, 19.41Sx172.09W, h0km, mb4.1/3, mbtmp4.1/3, Error ellipse: s-maj=406.1km

CUPWA 01 23:47:33.4-6.4, 33.50Sx118.63E, h2km, 25km, ML2.5, Region: WESTERN AUSTRALIA

IDC 01 23:57:31.4-1.1, 0.336N:01:94.9E:0.2, h35km, n8, n18/17, Qinghai

Table with columns: BKZ, Black Stump Fm, 23.14 162, P, P, 00 25 01.1 -0.8, 00 25 27.6. Includes stations like WBO, WRA, AS31, ASAR, ASAR, GSPA, CMAR, SONM, SONM, MKAR.

IDC 02 00:29:41.4, 0.9, 59.40S:24.99W, h0km, mb4.3/5, mbmp4.3/5, MS3.4/5, Error ellipse: s-maj=51.5km

NEIC 02 00:29:43.1, 1.8, 59.65S:01.24:5W, 0.2, h10km, 1km, mb4.4/9, Error ellipse: s-maj=26.1km s-min=12.9km

ISC 02 00:29:42.9, 0.6, 59.52S:09.24:5W, 0.1, h10km, n29, c090/24, mb3.7/3, MS3.6/3, SC, South Sandwich Islands region

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HOPE, VNA1, VNA3, VNA2, SNA, SNA, BELA, PMSA, GSPA, GSPA, TRQA, PLCA, VNA, BOS, BOS, LBTB, LSZ, DBIC, BOAV, MBAR, TOR, ARCES, YKA, SONM, NRIK, ILAR.

IDC 02 00:32:52.0, 0.8, 32.98S:178.37W, h0km, mb4.4/3, mbmp4.4/4, ML4.0/1, Error ellipse: s-maj=32.5km

NEIC 02 00:32:53.8, 1.5, 33.40S:01.08:17W, 0.1, h10km, 1km, mb4.5/13, Error ellipse: s-maj=20.2km s-min=12.8km

ISC 02 00:32:53.5, 0.7, 33.35S:01.07:17W, 0.2, h10km, n40, c127/44, mb4.5/12, South of Kermadec Islands

Continuation of station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RAO, URZ, RTZ, BKZ, CTZ, DZM, EIDS, CTAO, BBOO, COEN, AS31, ASAR, ASAR, WRA, WBO, MTN, KNRA, FAKI, GSPA, GSPA, SNA, WRA, WBO, MTN, KNRA, FAKI, GSPA, GSPA, SNA.

Table with columns: SNA, Iamb, Iamb, 00 45 01.1, 00 45 46.0 +2.1. Includes stations like NJ2, PZH, HHC, MKAR, ZALV, KURBB, BVAR, ARCES, KBZ, FINES, NB2, NOA, HFS, AKASG, BRTR, BRTR, TOR, CLL.

IDC 02 00:39:28.2, 0.5, 33.05S:178.36W, h0km, mb3.7/2, mbmp3.7/3, ML3.6/1, Error ellipse: s-maj=69.5km

s-min=43.5km az=132.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like URZ, URZ, ASAR, WRA, FINES, BRTR.

IDC 02 00:40:46.6, 6.5, 32.95S:178.36W, h0km, mb3.7/2, mbmp3.7/3, Error ellipse: s-maj=29.4km

s-min=58.9km az=161.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like URZ, ASAR, WRA, FINES.

AUST 02 00:53:06.0, 0.3, 15.35S:12.2E, h10km, ML3.4/9, Error ellipse: s-maj=7.5km s-min=6.3km az=115.1

IDC 02 00:53:08.6, 1.8, 14.93S:122.14E, h0km, mb3.7/3, mbmp3.7/3, ML3.7/2, MS2.6/1, Error ellipse: s-maj=92.6km

s-min=22.5km az=44.0, NOU 02 00:54:17.9, 19.67S, 119.35E, h82km, mb4.4/8, Western Australia

ISC 02 00:53:06.7, 0.7, 14.86S:06.12:145E, h0km, n31, c234/30, mb3.8/3, Northwest of Australia

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CAAN, BATI, SOEI, MBWA, MBWA, PSACI, PSA00, PSA00, PLAI, KNRA, JAGI, JAGI, JAGI, GIRL, KDU, SAUO, MEEK, MEEK, WB10, WRA, WRA, WRA, ASAR, ASAR, BLDU, MNU, STKA, H0S2, H0S3, H0S1, MKAR, ZALV.

IDC 02 00:55:37.5, 8.7, 32.58S:178.53W, h0km, mb3.7/2, mbmp3.7/2, Error ellipse: s-maj=404.8km s-min=63.1km

WEL 02 00:55:41.5, 1.2, 34.5S:17.17:18W, 1.8, h253km, 38km, mb4.2/6, ML4.0/10, ML4.1/9, Mw(mB)3.3/6, Error ellipse: s-maj=27.4km s-min=18.0km az=132.3, confirmed

ISC 02 00:55:37.2, 1.33, 45.01:177.7W, 0.2, h35km, n21, c186/34, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MXZ, WMGZ, WMGZ, PKGZ, PKGZ, HAZ, HAZ, PUKETITI, WSRW, RUGZ, RUGZ, TWGZ, CNGZ, CNGZ, MKGZ, MWZ, MWZ, URZ, URZ, RIGZ, RIGZ, RAGZ, RTZ, MUGZ, MUGZ, BKZ, BKZ, ASAR, ASAR.

WRA Warramunga Arr 44.57 275 P 01 03 45.1 -0.7

FINES FINES Array B 148.02 339 PKPbc PKPab 01 15 20.5 -0.1

IDC 02 01:10:48.4, 0.3, 6.72S:128.96E, h0km, mb3.4/1, mbmp3.3/3, ML3.7/2, Error ellipse: s-maj=277.8km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA, WRA, ASAR, ASAR, MKAR.

TIR 02 01:15:22.9, 4.1, 59N:19.47E, h7km, 1km, ML2/2, PDG 02 01:15:25.0, 0.3, 4.1, 66N:19.33E, h13km, 1km, ML2.5/10, Error ellipse: s-maj=1.3km s-min=1.4km az=0.0

ISC 02 01:15:21.9, 1.3, 41.54N:01.3:145E, 0.05, h3km, 11km, n15, c102/29, 3C, 7D, Albania

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TIR, TIR, ULC, ULC, SDA, SDA, DRME, DRME, PPH, PPH, PDG, PDG, VLO, VLO, CEME, CEME, PVY, PVY, HCV, HCV, NKME, NKME, KBN, KBN, IVA, IVA, PLE, PLE.

MEX 02 01:21:56.0, 0.6, 13.73N:92.40W, h15km, MD4.6, CATA 02 01:21:57.4, 0.5, 14.7N:9.2W, h38km, 19km, M4.9/25, mb5.6/3, MS5.4/4, ML4.6/2, Mw(mB)5.0/4, Error ellipse: s-maj=10.1km s-min=4.1km az=55.8, confirmed

NEIC 02 01:21:59.3, 1.8, 13.97N:0.98:92W, h0.06, h35km, 1km, mb4.5/159, Error ellipse: s-maj=12.9km s-min=8.9km

GCG 02 01:22:03.1, 0.6, 14.41N:92.03W, h50km, 4.7km, MD4.3, ML4.3, MW3.8, Presumed earthquake

IDC 02 01:22:07.1, 2.1, 14.31N:91.81W, h106km, 15km, mb3.8/12, mbmp4.2/15, MS3.7/14, Error ellipse: s-maj=24.7km

s-min=14.3km az=48.0, ISC 02 01:21:58.7, 0.9, 13.93N:0.05:92.29W, 0.04, h43km, 8km, n256, c189/243, mb4.5/68, MS3.7/14, Off coast of Chiriqui

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RTAL, RTAL, RTAL, RTAL, SMCA, THIG, STG2, STG5, STG8, STG8, CHJUJ, CHJUJ, PATR, PATR, QUEO, QUEO, SOKI, PAVE, PAVE.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like HUEH Huehuetenango, APG El Apazote, FAME Alcaldia de Sa, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like 435B Jarrell, 553A Crawfordville, 656A Willston, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like SNOW Snow King Moun, NVAR Mina Array Bea, NVAR comp=2.9,3m,0.3s, etc.

THE 02 01:31:29.6, 42°N, 71°9'E, 1.1h, h8km, M2.9/21, MLH2.9/21
SKO 02 01:31:30.4, 41°56'N, 19°27'E, h7km, ML2.9
BEO 02 01:31:30.6, 41°51'N, 19°40'E, h2km, M2.9, ML2.2/16
TIR 02 01:31:31.5, 41°16'N, 19°39'E, h14km, 1km, M2.8/3
PDG 02 01:31:32.0, 41°62'N, 19°41'E, h10km, 1km, ML2.8/12,
Error ellipse: s-maj=0.9km, s-min=1.3km, az=0.0
ISC 02 01:31:30.4, 1.1, 41.59N, 19.02E, 19.37E, 0.02, h6km, 9km,
n83, r124/123, 12C-11D, Albania
Code Station Name Az P Phase ID Time Res
ULC Ucinj 0.39 347 P P 01 31 39.1 -0.6
ULC Ucinj 0.39 347 P P 01 31 45.2 -0.8
TIR Tirane 0.44 122 P P 01 31 38.6 -0.3
TIR Tirane 0.44 122 P P 01 31 44.4 -0.3
SDA Shkodra 0.48 12 P P 01 31 40.5 -0.7
DRM Dracevica, Mon 0.62 347 P P 01 31 47.2 -0.4
BUM Brajci-Budva 0.80 334 P P 01 31 46.7 0.0
BUM Brajci-Budva 0.80 334 P P 01 31 58.5 +0.7
PHP Peshkopia 0.81 83 P P 01 31 45.5 -0.5
PHP Peshkopia 0.81 83 P P 01 31 58.2 0.0
PDG Podgorica 0.85 354 P P 01 31 47.3 -0.2

2d 1h

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like Podgorica, Cevo, Herceg Novi, Plav, Vlor, etc.

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like Alto Bandera, Polo, etc.

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Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like HATOM, SDDR, etc.

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like RSPR 02 01:46:55.0, etc.

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like SOEI, MMRI, etc.

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like SEM, MAKZ, etc.

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like BTLS, BTL, etc.

Table of seismic events with columns for station name, time, magnitude, and location. Includes stations like RAO, MXZ, etc.

Table with columns: UZB, Uzynbulak, 4.28 300 eP, Pg, 02 47 50.9 -2.4, etc.

SKO 02:02:58:49.0, 41.60N; 19.22E, h0km, ML2.6

TIR 02:02:58:51.0, 41.62N; 19.44E, h31km, ML2.5/4

PDG 02:02:58:51.9, 41.62N; 19.32E, h14km, ML2.7/12, Error

ellipse: s-maj=0.4km s-min=0.4km az=0.0

ISC 02:02:58:50.4, 41.1571N, 0.03; 19.34E; 0.03, h11km, gkm,

m2, r103/47, 14C-B, Albania

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res

RSRP 02:02:58:56.8, 19.61N; 68.82W, h62km, 16km

NEIC 02:02:58:56.7, 1.4, 19.32N; 0.04; 68.75W; 0.03, h10km, 2km,

ML3.1/16, Md2.3/2(RSPF), 8C-1D, Error ellipse:

s-maj=7.6km s-min=3.2km az=31.0, North Atlantic

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res

ECPR Experimental S 2.47 113 Ph Pn 02 59 36.7 -0.3

ECPR comp=N,90nm,0.2s IAML 03 00 41.1

ECPR comp=N,64nm,0.3s

KRSC 02:03:24:20.2; 1.4, 53.06N; 160.01E, h62km, 15km, M4.8,

Felt [III-V], at cape Shipunsky; [II-III] at Petropavlovsk,

Paratunka; [II] at Ribachy, lighthouse, mb4, 3/19, Error ellipse: s-maj=17.4km s-min=10.8km

az=161.0

MOS 02:03:24:22.5; 1.0, 53.21N; 159.45E, h84km, mb4, 2/8,

MS3.5/4, Error ellipse: s-maj=9.9km s-min=4.4km az=78.8

IDC 02:03:24:24.0; 1.0, 53.33N; 159.51E, h87km, gkm, mb3.6/27,

mbmp4.0/27, MS3.1/2, Error ellipse: s-maj=16.1km

s-min=11.5km az=156.0

ISC 02:03:24:21.8; 0.7, 53.15N; 0.04; 159.78E; 0.05, h70km, 5km,

n168, r1931/83, mb4.1/39, 4C-5D, Near east coast of

Kamchatka Peninsula

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res

Main station list table with columns: YAK, MJA0, MJA0, MJA0, etc.

Table with columns: Station ID, Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like AK09 Malin Array Si, AK10 Malin Array Si, etc.

Table with columns: Station ID, Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like SAIH SAIHA, DRGR DGR, BURI Buri, etc.

Table with columns: Station ID, Name, Frequency, Mode, Class, Power, and other technical details. Includes stations like VRAC Vranov, KRLC Kraliky, LZH Lanzhou, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like ULN, AQU, BRG, KHC, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like HFS, UBBA, VADS, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like LYN, BOD, RCHB, etc.

SUMG	comp=Z,93nm,1.1s	I Amb	I Amb	04 39 17.7					
SEY	Seymchan	61.19 31	LR	LR	05 09 00.7				
SEY	Seymchan	61.19 31	eS	P	04 39 20.8 +0.2				
SEY	Seymchan	61.19 31	eS	P	04 47 41.2 +1.2				
SEY			eSS	SS	04 49 10.6				
SEY			eSS	SS	04 51 45.7 +6.4				
SEY	comp=Z,19nm,1.2s		pmx	pmx					
SEY	comp=N,133nm,9.4s		smx	smx					
SEY	comp=E,36nm,9.2s		MLR	MLR					
SEY	comp=Z,61m,21.0s		MLR	MLR					
YSS	Yuzhno-Sakhali	61.27 51	P	P	04 39 20.6 -0.7				
YSS	Yuzhno-Sakhali	61.27 51	P	P	04 39 22.1 +0.7				
YSS	Yuzhno-Sakhali	61.27 51	eP	P	04 39 19.4 -2.0				
YSS			eSP	eS	04 39 25.5 -0.2				
YSS			eS	P	04 47 35.0 -6.5				
YSS			eP	PnS	04 47 49.6 -5.2				
YSS			eSSS	SSS	04 54 16.7				
YSS			pmx	pmx					
YSS	comp=Z,40nm,1.1s		MLR	MLR					
YSS	comp=Z,4um,17.0s		MLR	MLR					
YSS	comp=E,3um,14.0s		MLR	MLR					
NEEM	North Greenlan	61.44 347	i P	P	04 39 23.6 +1.2				
NEEM			I Amb	I Amb	04 39 24.6				
INU	Inuyama	61.52 65	P	P	04 39 22.7 -0.6				
INU			I Amb	I Amb	04 39 30.3				
INU	comp=Z,60nm,1.4s		I AMs_20	I AMs_20	05 09 03.0				
INU	comp=Z,2um,19.0s	61.52 65	P	P	04 39 23.8 +0.5				
MA2	Magadan	61.55 35	LR	LR	05 06 22.0				
KPJI	Karang Pucung	61.76 122	P	P	04 39 24.2 -0.9				
MAJO	Matsushiro	61.94 63	P	P	04 39 29.8 +3.6				
MAJO	Matsushiro	61.94 63	eP	P	04 39 25.8 -0.4				
MAJO			pmx	pmx					
MJAR	Matsushiro Arr	61.94 63	P	P	04 39 25.1 -1.1				
MJAR	comp=Z,4.5nm,1.1s,baz=297,slow=9.9,SNR=8.3		LR	LR	05 07 31.4				
MJAR	comp=Z,1um,19.2s,baz=300,slow=37								
MJAR	Matsushiro Arr	61.94 63	P	P	04 39 25.2 -1.0				
MJAR			I Amb	I Amb	04 39 55.1				
MJAR	Matsushiro Arr	61.94 63	P	P	04 39 25.2 -1.0				
MJAR			pmx	pmx					
MATP	Matop	62.07 214	LR	LR	05 08 14.4				
ASAJ	Asahikawa	62.18 54	LR	LR	05 09 19.7				
ACRG	Acra	62.52 257	P	P	04 39 29.0 -1.2				
BROLN	Broling	63.20 215	i P	P	04 39 33.9 -0.7				
BBKI	Banjar Baru	63.45 115	P	P	04 39 36.8 +0.4				
KULLO	Kullorsuaq	64.23 345	i P	P	04 39 41.7 +1.0				
KULLO			I Amb	I Amb	04 39 42.6				
BILL	Bilibino	64.49 24	P	P	04 39 42.9 +0.4				
BILL			I Amb	I Amb	04 40 10.1				
BILL	comp=Z,36nm,1.3s	64.49 24c	i P	P	04 39 43.3 +0.8				
BILL			pmx	pmx					
JHJ	Hachijo jima 2	64.53 66	LR	LR	05 09 35.2				
SAATT	Saattut	64.92 340	i P	P	04 39 46.2 +0.9				
SAATT			I Amb	I Amb	04 39 47.0				
NUUG	Nuugaatsiaq	64.96 341	i P	P	04 39 46.0 +0.5				
NUUG			I Amb	I Amb	04 39 47.4				
MPSI	Mapaga	64.97 108	P	P	04 39 47.2 +0.8				
UPNV	Upernavik	65.02 343	i P	P	04 39 46.9 +1.1				
UPNV			I Amb	I Amb	04 39 47.3				
TULEG	Thule	65.20 348	I Amb	I Amb	04 39 48.7				
TULEG	comp=Z,82nm,0.9s	65.20 348	i P	P	04 39 47.3 +0.3				
TULEG			I Amb	I Amb	04 39 48.4				
TOLIZ	Tolitoli	65.21 107	P	P	04 39 46.7 -1.3				
TOLIZ			I Amb	I Amb	04 40 02.5				
TOLIZ	comp=Z,26nm,1.1s	65.21 107	P	P	04 39 47.6 -0.4				
SAOQ	Saqqaaq	65.44 340	i P	P	04 39 49.5 +0.9				
SAOQ			I Amb	I Amb	04 39 50.6				
NIQA	Niaqornat	65.50 341	i P	P	04 39 49.5 +0.5				
NIQA			I Amb	I Amb	04 39 50.6				
ILULI	Ilulissat	65.61 339	i P	P	04 39 51.0 +1.3				
ILULI			I Amb	I Amb	04 39 51.6				
DBIC	Dimboko	65.73 261	P	P	04 39 50.0 -1.3				
DBIC	comp=Z,24nm,1.0s,baz=74,slow=8.0,SNR=16		LR	LR	05 11 00.4				
DBIC	comp=Z,3um,19.9s,baz=68,slow=38								
DBIC	comp=Z,24nm,1.0s	65.73 261	P	P	04 39 49.7 -1.6				
DBIC			I Amb	I Amb	04 39 51.9				
DBIC	Dimbokro	65.73 261	P	P	04 39 49.7 -1.6				
DBIC			pmx	pmx					
DBIC	comp=Z,35nm,1.2s	65.73 261	i P	P	04 39 50.4 -1.5				
LPHEP	Lephephe	65.83 215	i P	P	04 39 51.0 -1.2				
ABJI	Asem Bagus	65.87 119	P	P	04 39 51.0 -1.2				
JAGI	Jajag Banyuwa	66.27 119	P	P	04 39 53.4 -1.3				
JAGI	Jajag Banyuwa	66.27 119	P	P	04 39 53.9 -0.8				
GDH	Godhavn	66.32 339	i P	P	04 39 54.9 +0.6				
GDH			I Amb	I Amb	04 39 56.5				
GRTLK	Ghanzi	66.49 220	i P	P	04 39 56.9 +0.7				
MRSI	Marisa	66.51 106	P	P	04 39 56.9 +0.5				
SFJD	Kangerlussuaq	66.65 336	LR	LR	05 10 17.9				
SFJD	comp=Z,2um,20.1s,baz=49,slow=37	66.65 336	P	P	04 39 55.2 -1.2				
SFJD	Kangerlussuaq	66.65 336	P	P	04 39 55.2 -1.2				
SFJD			pmx	pmx					
SFJD	comp=Z,73nm,1.2s	66.65 336	i P	P	04 39 56.6 +0.2				
SFJD			I Amb	I Amb	04 39 58.4				
APSI	Ampana	67.12 108	P	P	04 40 02.1 +1.9				
KGCAE	Kacgae	67.20 218	P	P	04 40 01.1 +0.4				
KHKI	Kahang-Kahang	67.26 118	P	P	04 39 59.6 -1.4				
LBTB	Lobatse	67.37 214	LR	LR	05 10 32.2				
LBTB	comp=Z,2um,19.6s,baz=26,slow=37	67.37 214	P	P	04 40 01.4 -0.2				
LBTB	Lobatse	67.37 214	P	P	04 40 01.4 -0.2				
LBTB			pmx	pmx					
PETK	Petropavlovsk	67.65 40	P	P	04 40 04.2 +1.2				
PETK	comp=Z,5.9nm,0.9s,baz=318,slow=7.8,SNR=2.7		LR	LR	05 12 23.0				
PETK	comp=Z,3um,18.1s,baz=304,slow=38								
PETK	comp=Z,5.9nm,0.9s	67.65 40	P	P	04 40 02.6 -0.4				
PETK	Sekoma	67.73 216	i P	P	04 40 03.9 -0.1				
NRS	Narsarsuaq	67.74 330	I Amb	I Amb	04 40 05.3				
NRS	comp=Z,121nm,1.1s	67.74 330	i P	P	04 40 04.2 +0.8				
NRS	Narsarsuaq	67.74 330	I Amb	I Amb	04 40 05.6				
KAPI	Kappang	68.19 112	P	P	04 40 05.7 -1.2				
KOOLE	Kule	68.37 220	i P	P	04 40 07.3 -0.8				
MAKGR	Matgori	68.42 214	i P	P	04 40 08.3 0.0				
NUUK	Nuuk	68.58 334	i P	P	04 40 08.7 0.0				
NUUK			I Amb	I Amb	04 40 10.4				
NUUK	comp=Z,104nm,1.2s								

LKQWB	Lokwabe	68.75 218	i P	P	04 40 07.9 -2.4				
JCJ	Chichijima	69.10 71	LR	LR	05 13 37.2				
KKSI	Kolaka, Sulawesi	69.13 110	P	P	04 40 13.2 +0.4				
PLAI	Plampang	69.16 117	P	P	04 40 11.0 -2.0				
PLAI	Plampang	69.16 117	P	P	04 40 11.4 -1.6				
BSSI	Bau Bau, Buton	69.47 113	P	P	04 40 15.9 +1.0				
POIN	Pond Inlet	69.70 348	I Amb	I Amb	04 40 17.8				
WIN	Windhoek	69.72 222	I AMs_20	I AMs_20	05 10 31.7				
RES	Resolute Bay	70.28 353	LR	LR	05 14 00.6				
BOSA	Bosho	70.61 212	P	P	04 40 20.9 -0.8				
BOSA	comp=Z,3.7nm,0.6s,baz=28,slow=9.0,SNR=8.8		LR	LR	05 11 24.3				
BOSA	Bosho	70.61 212	P	P	04 40 21.4 -0.3				
BOSA			I Amb	I Amb	04 40 51.3				
BOSA	comp=Z,69nm,1.9s	70.61 212	P	P	04 40 21.4 -0.3				
BOSA	Bosho	70.61 212	P	pmx					
BOSA			pmx	pmx					
TNTI	Terate	70.70 103	P	P	04 40 24.7 +2.2				
WBSI	Waikabubak, Su	70.89 116	P	P	04 40 23.2 -0.5				
SANI	Sanana	71.25 106	P	P	04 40 25.3 -0.6				
SANI	Sanana	71.25 106	P	P	04 40 26.1 +0.2				
MBO	M'bour	71.61 275	I AMs_20	I AMs_20	05 16 45.5				
A21K	Barrow	71.70 12	P	P	04 40 28.7 +1.1				
EDFI	Ende, Flores	72.04 114	P	P	04 40 29.8 -0.9				
A22K	Sinclair Lake	72.25 11	P	P	04 40 31.8 +0.8				
C16K	Lisburne Hills	72.46 16	I Amb	I Amb	04 40 34.8 +0.2				
C16K	comp=Z,35nm,1.4s		I AMs_20	I AMs_20	05 14 37.4				
C16K	comp=Z,2um,21.0s	72.46 16	P	P	04 40 32.5 +0.2				
C16K	Lisburne Hills	72.46 16	P	P	04 40 34.8 +0.9				
B20K	Meade River	72.73 13	P	P	04 40 34.8 +0.9				
C17K	Delong Mountain	72.79 15	P	P	04 40 34.8 +0.5				
C19K	Lookout Ridge	73.03 14	I Amb	I Amb	04 41 13.9				
C19K	comp=Z,83nm,1.9s		I AMs_20	I AMs_20	05 14 15.3				
C19K	Lookout Ridge	73.03 14	P	P	04 40 36.2 +0.5				
C18K	Utukok River	73.08 15	I Amb	I Amb	04 41 21.3				
C18K	comp=Z,29nm,1.1s		I AMs_20	I AMs_20	05 17 57.6				
C18K	comp=Z,2um,20.0s	73.08 15	P	P	04 40 36.8 +0.8				
B22K	Teshkep Lake	73.08 11	I Amb	I Amb	04 41 22.1				
B22K	Teshkep Lake	73.08 11	P	P	04 40 36.3 +0.4				
RDOG	Red Dog Mine	73.19 16	P	P	04 40 36.9 +0.3				
D17K	Noatak River	73.44 16	P	P	04 40 38.3 +0.2				
B21K	Ikpikuk River	73.51 12	I Amb	I Amb	04 41 04.7				
B21K	Ikpikuk River	73.51 12	P	P	04 40 39.1 +0.6				
C21K	Kinleblade Rid	73.89 12	P	P	04 40 41.3 +0.5				
TNA	Tin City	73.92 19	I AMs_20	I AMs_20	05 16 22.2				
TNA	comp=Z,2um,21.0s	73.92 19	P	P	04 40 41.2 +0.2				
KRAI	Karang Ratu	73.93 105	P	P	04 40 42.7 +0.8				
D20K	Etiwuk River	73.94 13	I Amb	I Amb	04 41 11.2				
D20K	Etiwuk River	73.94 13	P</						

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MK31, MKAR, MKAR, etc.

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

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

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

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

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

IDC 02 04:47:39.8-1.6, 6.08S, 130.36E, h0km, mb3.5/2, mbmp4.0/6, ML4.3/4, Error ellipse: s-maj=48.7km s-min=24.5km az=95.0

IDC 02 05:11:32.0-1.3, 13.24N, 88.49W, h0km, mb3.4/5, mbmp3.7/7, Error ellipse: s-maj=40.3km s-min=9.0km az=42.0

IDC 02 05:28:59.0-0.4, 9.51N, 0.04, 138.16E, h50km, mb3km, h50km, p-P, n349, s192/327, mb4.8/120, MS4.1/54, 17C-3D, Western Caroline Islands

IDC 02 04:48:53.7-1.5, 33.85N, 60.31E, h0km, mb3.3/6, mbmp3.4/6, Error ellipse: s-maj=40.9km s-min=24.6km

2d 5h

Table of flight arrivals and departures for the 2d 5h period, including flight numbers, airlines, times, and status.

2020 JAN

Main table of flight arrivals and departures for 2020 JAN, including flight numbers, airlines, times, and status.

90

Table of flight arrivals and departures for the 90 period, including flight numbers, airlines, times, and status.

IDD 02 05:37:34.6i2.9,6'46S:130'14E,h134km,27km,mb3,9/19, mbmp4,4/21, Error ellipse: s-maj=20.2km s-min=11.4km az=68.0
NEIC 02 05:37:34.8i1.9,6'33S:130'13E,0/09,h133km,7km, mb4,5/28, Error ellipse: s-maj=12.7km s-min=6.2km az=82.0
DJA 02 05:37:35.4i0.2,6'S:2'13'0E, h147km,4km, M4,9/24, mb4,5/24,mb5,4/9,MLV5,0/18,MW(mb)4,9/9
ISC 02 05:37:35.0i3,6'47S:130'04i130.15E:0.05,h146km,n125, az=184/130,mb4,3/32,Banda Sea

2d 6h

Table with columns: SJD, comp=N, IAML, 05 59 19.1, SJD San Juan, 1.65 125j, Pn, 05 58 54.1 +0.1, SJD Hato Mayor del, 1.73 261j, Pn, 05 59 16.5 +0.2, HATOM HATOM, 1.65 9j, Pn, 05 59 23.7, HUMP Col San Antoni, 1.88 119, Pn, 05 58 57.4 +0.4, HUMP Col San Antoni, 1.88 119, Pn, 05 59 21.8 -1.0, SDD Santo Domingo, 2.29 255, Pn, 05 59 07.0 +0.8, SC01 Santiago de lo, 3.20 277, Pn, 05 59 19.2 +0.9

NEIC 02 06:01:17.1-0.8, 19.14N-0.04:67.79W-0.07, h10km, 1km, ML2.5/20, MD3.0/6(RSPR), Error ellipse: s-maj=12.6km s-min=5.4km az=245.0

RSPR 02 06:01:17.2, 19.20N-68.05W, h12km, 31km, MD3.0, 5C-6D, North Atlantic

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, IDE Isla Desecheo, 0.98 146, Pn, 06 01 42.4 -6.5, IDE Isla Desecheo, 0.98 146j, Pn, 06 01 42.4 -6.5, AGPR Aguadilla, PR, 1.15 129, Pn, 06 01 35.1 -4.0, AGPR 152nm, 0.3s, IAML, 06 01 45.6, AGPR 127nm, 0.4s, IAML, 06 01 35.0 -4.0, AGPR Aguadilla, PR, 1.15 129j, Pn, 06 01 35.0 -4.0, PRSN Puerto Rico Se, 1.30 139, Pn, 06 01 38.5 -2.8, PRSN Puerto Rico Se, 1.30 139, Pn, 06 01 38.5 -2.8, AGPR 149nm, 0.2s, IAML, 06 01 56.4, PRSN 193nm, 0.3s, IAML, 06 01 38.3 -3.0, PRSN Puerto Rico Se, 1.30 139j, Pn, 06 01 39.1 -3.1, LSP Las Mesas, 1.37 138, Pn, 06 01 39.1 -3.1, LSP Las Mesas, 1.37 138j, Pn, 06 01 41.3 -4.2, CRPR Cabo Rojo, PR, 1.49 143, Sn, 06 01 59.9 -2.5, CRPR Cabo Rojo, PR, 1.49 143, Sn, 06 01 59.9 -2.5, CRPR Cabo Rojo, PR, 1.49 143j, Pn, 06 01 41.6 -2.1, CRPR Arecibo Observ, 1.49 125, Pn, 06 01 59.3 -3.6, AOPR Arecibo Observ, 1.49 125, Pn, 06 01 59.3 -3.6, AOPR Magueyes Islan, 1.55 142j, Pn, 06 02 00.3 -4.4, MLPR Magueyes Islan, 1.55 142j, Pn, 06 02 00.3 -4.4, MLPR Utuado, UPR, P, 1.57 127, Pn, 06 01 41.4 -3.6, UPR Esperanza - Ma, 1.61 116, Pn, 06 01 42.1 -3.3, UPR Esperanza - Ma, 1.61 116, Pn, 06 01 42.1 -3.3, comp=N, 105nm, 0.4s, IAML, 06 02 07.2, comp=N, 93nm, 1.4s, IAML, 06 02 07.2, EMPR Esperanza - Ma, 1.61 116j, Pn, 06 01 42.9 -2.5, CELP Cerrillos, 1.79 129, Pn, 06 01 45.2 -2.8, OBIP Obispo Ponce, 1.79 130, Pn, 06 01 44.9 -3.1, OBIP Obispo Ponce, 1.79 130j, Pn, 06 02 04.5 -6.6, ECPR Experimental S, 1.82 119, Pn, 06 02 04.6 -6.0, ECPR Experimental S, 1.82 119j, Pn, 06 02 04.6 -6.0, GCPR Guaynabo City, 2.06 115, Pn, 06 01 48.3 -3.1, HUMP Col San Antoni, 2.34 116, Pn, 06 01 52.7 -2.8, HUMP Col San Antoni, 2.34 116, Pn, 06 01 52.7 -2.8, comp=N, 27nm, 0.3s, IAML, 06 03 11.0, HUMP Col San Antoni, 2.34 116j, Pn, 06 01 55.1 -0.4, HUMP Col San Antoni, 2.34 116j, Pn, 06 02 20.2 -3.9

NEIC 02 06:02:16.5-1.9, 19.03N-0.03:67.60W-0.04, h10km, 1km, ML3.1/23, MD2.9/13(RSPR), Error ellipse: s-maj=6.0km s-min=5.2km az=232.0

RSPR 02 06:02:14.9, 19.19N-67.88W, h11km, 27km, MD2.9/13, 10C-3D, Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, IDE Isla Desecheo, 0.89 155, Pn, 06 02 29.2 -2.9, IDE Isla Desecheo, 0.89 155j, Pn, 06 02 29.2 -2.9, AGPR Aguadilla, PR, 1.02 135, Pn, 06 02 30.9 -3.7, AGPR 924nm, 0.3s, IAML, 06 02 41.7, AGPR 828nm, 0.4s, IAML, 06 02 41.7, AGPR Aguadilla, PR, 1.02 135j, Pn, 06 02 31.2 -3.4, PRSN Puerto Rico Se, 1.19 144, Pn, 06 02 34.1 -3.3, PRSN Puerto Rico Se, 1.19 144, Pn, 06 02 34.1 -3.3, PRSN Puerto Rico Se, 1.19 144, Pn, 06 02 35.5 -4.0, PRSN 1j, 0.3s, IAML, 06 02 52.2, PRSN 1j, 0.3s, IAML, 06 02 52.5, PRSN Puerto Rico Se, 1.19 144j, Pn, 06 02 34.1 -3.3, LSP Las Mesas, 1.26 143, Pn, 06 02 35.1 -3.3, LSP Las Mesas, 1.26 143j, Pn, 06 02 35.1 -3.3, LSP Las Mesas, 1.26 143j, Pn, 06 02 35.1 -3.3, AOPR Arecibo Observ, 1.35 128, Pn, 06 02 36.3 -3.5, AOPR Arecibo Observ, 1.35 128, Pn, 06 02 36.3 -3.5, comp=N, 419nm, 0.3s, IAML, 06 03 04.1, AOPR Arecibo Observ, 1.35 128j, Pn, 06 02 36.3 -3.5, CRPR Cabo Rojo, PR, 1.38 148, Pn, 06 02 52.9 -2.9, CRPR Cabo Rojo, PR, 1.38 148, Pn, 06 02 55.5, CRPR 1.38 148, Pn, 06 02 57.7, CRPR Cabo Rojo, PR, 1.38 148j, Pn, 06 02 37.3 -2.8, UUPR Utuado, UPR, P, 1.44 130, Pn, 06 02 55.2 -3.2, UUPR Utuado, UPR, P, 1.44 130, Pn, 06 02 55.2 -3.2, UUPR Magueyes Islan, 1.45 147, Pn, 06 02 53.1 -6.6, MLPR Magueyes Islan, 1.45 147j, Pn, 06 02 38.2 -2.9, MLPR Magueyes Islan, 1.45 147j, Pn, 06 02 38.2 -2.9, EMPR Esperanza - Ma, 1.46 119, Pn, 06 02 56.4 -3.6, EMPR Esperanza - Ma, 1.46 119, Pn, 06 02 38.5 -2.7, EMPR Esperanza - Ma, 1.46 119, Pn, 06 02 56.3 -4.0, EMPR Esperanza - Ma, 1.46 119, Pn, 06 02 38.2 -3.0, comp=N, 412nm, 0.4s, IAML, 06 02 59.4, EMPR Esperanza - Ma, 1.46 119j, Pn, 06 02 38.5 -2.7, EMPR Esperanza - Ma, 1.46 119j, Pn, 06 02 56.3 -4.0, DR12 Loma Pena Alta, 1.48 255, Pn, 06 02 47.5 +4.1, GBPR Guanica, Bosqu, 1.53 142, Pn, 06 02 39.2 -3.0, GBPR Guanica, Bosqu, 1.53 142j, Pn, 06 02 58.1 -4.0, GBPR Guanica, Bosqu, 1.53 142j, Pn, 06 02 39.2 -3.0, CELP Cerrillos, 1.66 132, Pn, 06 02 41.1 -2.8, CELP 1.66 132, Pn, 06 03 02.0, CELP 1.66 132, Pn, 06 03 03.9, OBIP Obispo Ponce, 1.66 133, Pn, 06 02 40.9 -3.0, OBIP Obispo Ponce, 1.66 133j, Pn, 06 02 59.0 -6.2, OBIP Obispo Ponce, 1.66 133j, Pn, 06 02 41.1 -2.8, ECPR Experimental S, 1.68 121, Pn, 06 03 00.8 -4.4, ECPR Experimental S, 1.68 121, Pn, 06 02 41.1 -2.8, LUDR Luperon, 3.24 286, Pn, 06 03 33.3 -3.4, SDDR Presa de Saban, 3.44 270, Pn, 06 03 36.5 -3.7

2020 JAN

Table with columns: ECPR, comp=N, IAML, 06 03 08.9, ECPR Experimental S, 1.68 121j, Pn, 06 02 41.4 -2.8, ECPR Experimental S, 1.68 121j, Pn, 06 02 42.4 -3.3, GCPR Guaynabo City, 1.91 117, Pn, 06 02 46.0 -1.4, GCPR Guaynabo City, 1.91 117j, Pn, 06 02 45.0 -2.4, SJD San Juan, 1.96 123j, Pn, 06 02 45.7 -2.4, SJD San Juan, 1.96 123j, Pn, 06 03 13.8, SJD San Juan, 1.96 123j, Pn, 06 02 45.6 -2.4, SJD San Juan, 1.96 123j, Pn, 06 03 08.6 -4.0, SJD Col San Antoni, 2.19 118, Pn, 06 02 48.8 -2.4, HUMP Col San Antoni, 2.19 118, Pn, 06 03 13.6 -4.6, HUMP Col San Antoni, 2.19 118, Pn, 06 03 24.9, HUMP Col San Antoni, 2.19 118, Pn, 06 03 13.9 -4.3

RSPR 02 06:05:37.8, 19.21N-67.89W, h12km, 29km, Presumed earthquake

SDD 02 06:05:42.1-2.9, 19.16N-67.24W, h0km, 35km, ML3.4, MW3.2, Presumed earthquake

OSPL 02 06:05:41.4-2.9, 19.16N-67.24W, h0km, 35km, ML3.4, Presumed earthquake

ISC 02 06:05:39.1-0.8, 19.01N-0.05:67.65W-0.02, h10km, m59, c15/15/86, 16C-2D, Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, IDE Isla Desecheo, 0.65 165, Pn, 06 05 52.3 -0.2, IDE Isla Desecheo, 0.65 165j, Pn, 06 05 52.3 -0.2, AGPR Aguadilla, PR, 0.75 137, Pn, 06 05 54.3 +0.1, AGPR Aguadilla, PR, 0.75 137, Pn, 06 05 54.3 +0.1, AGPR 2j, 0.2s, IAML, 06 06 04.8, AGPR 2j, 0.2s, IAML, 06 06 05.1, AGPR Aguadilla, PR, 0.75 137, Pn, 06 05 53.9 -0.3, AGPR Aguadilla, PR, 0.75 137, Pn, 06 06 02.5 -0.8, comp=N, 2j, 0.2s, IAML, 06 06 04.8, AGPR Aguadilla, PR, 0.75 137, Pn, 06 05 53.8 -0.3, AGPR Aguadilla, PR, 0.75 137, Pn, 06 06 04.2 -0.3, comp=N, 2j, 0.2s, IAML, 06 06 05.0, AGPR Aguadilla, PR, 0.75 137j, Pn, 06 05 54.3 +0.1, PCDR Punta Cana, DR, 0.85 234, Pn, 06 05 56.4 -0.7, PCDR Punta Cana, DR, 0.85 234, Pn, 06 05 56.4 -0.7, PRSN Puerto Rico Se, 0.93 149, Pn, 06 05 57.3 -0.0, PRSN Puerto Rico Se, 0.93 149, Pn, 06 05 57.1 -0.1, LSP Las Mesas, 0.99 147j, Pn, 06 05 58.3 -0.1, LSP Las Mesas, 0.99 147j, Pn, 06 05 58.3 -0.1, AOPR Arecibo Observ, 1.08 128, Pn, 06 05 59.2 -0.6, AOPR Arecibo Observ, 1.08 128, Pn, 06 06 20.4, AOPR 1.08 128, Pn, 06 06 26.6, AOPR Arecibo Observ, 1.08 128j, Pn, 06 05 59.4 -0.5, AOPR Arecibo Observ, 1.08 128j, Pn, 06 05 13.9 -0.0, comp=N, 880nm, 0.2s, IAML, 06 06 26.6, AOPR Arecibo Observ, 1.08 128j, Pn, 06 05 59.3 -0.6, AOPR Higuey Centro, 1.09 248j, Pn, 06 05 59.8 -0.3, HIDR Higuey Centro, 1.09 248j, Pn, 06 05 59.8 -0.3, comp=N, 1j, 0.2s, IAML, 06 06 21.2, CRPR Cabo Rojo, PR, 1.13 153, Pn, 06 06 00.2 -0.5, CRPR Cabo Rojo, PR, 1.13 153, Pn, 06 06 20.5, CRPR Cabo Rojo, PR, 1.13 153, Pn, 06 06 00.2 -0.5, CRPR Cabo Rojo, PR, 1.13 153, Pn, 06 06 20.5, comp=N, 1j, 0.2s, IAML, 06 06 23.3, CRPR Cabo Rojo, PR, 1.13 153, Pn, 06 06 00.3 -0.3, CRPR Cabo Rojo, PR, 1.13 153, Pn, 06 06 13.3 -2.0, CRPR Cabo Rojo, PR, 1.13 153, Pn, 06 06 20.1, CRPR Cabo Rojo, PR, 1.13 153, Pn, 06 06 00.7 -0.2, CRPR Cabo Rojo, PR, 1.13 153, Pn, 06 06 18.6, CRPR Cabo Rojo, PR, 1.13 153j, Pn, 06 06 00.7 -0.2, CRPR Cabo Rojo, PR, 1.13 153j, Pn, 06 06 18.4 +1.9, UUPR Utuado, UPR, P, 1.16 130, Pn, 06 06 00.7 -0.6, UUPR Utuado, UPR, P, 1.16 130, Pn, 06 06 15.8 -0.7, MLPR Magueyes Islan, 1.19 151, Pn, 06 06 01.2 -0.5, MLPR Magueyes Islan, 1.19 151, Pn, 06 06 12.1 -0.5, MLPR Magueyes Islan, 1.19 151, Pn, 06 06 02.2 +0.3, MLPR Magueyes Islan, 1.19 151, Pn, 06 06 16.2 -0.9, comp=N, 400nm, 0.4s, IAML, 06 06 20.5, MLPR Magueyes Islan, 1.19 151j, Pn, 06 06 01.2 -0.5, MLPR Magueyes Islan, 1.19 151j, Pn, 06 06 19.2 +1.2, EMPR Esperanza - Ma, 1.19 117, Pn, 06 06 01.6 -0.1, EMPR Esperanza - Ma, 1.19 117, Pn, 06 06 19.1 +1.1, EMPR Esperanza - Ma, 1.19 117, Pn, 06 06 01.4 -0.3, comp=N, 846nm, 0.6s, IAML, 06 06 21.3, EMPR Esperanza - Ma, 1.19 117j, Pn, 06 06 22.6, EMPR Esperanza - Ma, 1.19 117j, Pn, 06 06 01.6 -0.1, GBPR Guanica, Bosqu, 1.27 145, Pn, 06 06 02.5 -0.3, GBPR Guanica, Bosqu, 1.27 145, Pn, 06 06 22.1 +2.1, GBPR Guanica, Bosqu, 1.27 145j, Pn, 06 06 02.5 -0.3, GBPR Guanica, Bosqu, 1.27 145j, Pn, 06 06 22.1 +2.1, MIDR Miches, 1.32 269, Pn, 06 06 07.4 +1.5, MIDR Miches, 1.32 269, Pn, 06 06 27.4 +2.5, comp=N, 705nm, 0.6s, IAML, 06 06 29.1, CELP Cerrillos, 1.38 132, Pn, 06 06 04.4 -0.0, CELP Cerrillos, 1.38 132, Pn, 06 06 21.9 -0.8, comp=N, 594nm, 0.2s, IAML, 06 06 29.1, OBIP Obispo Ponce, 1.39 134, Pn, 06 06 03.9 -0.6, OBIP Obispo Ponce, 1.39 134j, Pn, 06 06 23.1 +0.2, ECPR Experimental S, 1.40 119, Pn, 06 06 04.1 -0.4, ECPR Experimental S, 1.40 119, Pn, 06 06 04.2 +0.5, comp=N, 1j, 0.2s, IAML, 06 06 28.2, ECPR Experimental S, 1.40 119j, Pn, 06 06 04.4 -0.3, SMDR Samana, DR, 1.48 281, Pn, 06 06 07.3 -0.2, GCPR Guaynabo City, 1.64 115, Pn, 06 06 07.8 -0.2, GCPR Guaynabo City, 1.64 115j, Pn, 06 06 08.3 +0.3, GCPR Loma Pena Alta, 1.65 262, Pn, 06 06 31.2 +0.9, DR12 Loma Pena Alta, 1.65 262, Pn, 06 06 09.5 -0.2, HATOM Hato Mayor del, 1.65 262, Pn, 06 06 29.4 +1.1, HATOM Hato Mayor del, 1.65 262, Pn, 06 06 38.2, SJD San Juan, 1.68 122, Pn, 06 06 08.3 -0.3, SJD San Juan, 1.68 122, Pn, 06 06 33.5, SJD San Juan, 1.68 122, Pn, 06 06 35.2, SJD San Juan, 1.68 122, Pn, 06 06 08.6 -0.0, SJD San Juan, 1.68 122, Pn, 06 06 08.3 -0.3, SJD San Juan, 1.68 122j, Pn, 06 06 08.4 -0.2, SJD San Juan, 1.68 122j, Pn, 06 06 31.5 -0.0, HUMP Col San Antoni, 1.92 117, Pn, 06 06 11.6 -0.2, HUMP Col San Antoni, 1.92 117, Pn, 06 06 42.8, HUMP Col San Antoni, 1.92 117j, Pn, 06 06 11.9 +0.1, HUMP Col San Antoni, 1.92 117j, Pn, 06 06 37.5 -0.6, NADR Nagua, 2.11 286, Pn, 06 06 16.9 -0.6, SDDR Santo Domingo, 2.21 256, Pn, 06 06 12.4 +1.4, DR08 Loma La Naviza, 2.24 269, Pn, 06 06 20.0 +0.3, CADR Cabrera, 2.26 287, Pn, 06 06 20.0 +0.1, SC01 Santiago de lo, 2.94 279, Pn, 06 06 47.1 -0.8, SC01 Santiago de lo, 2.94 279, Pn, 06 06 28.5 -3.1, SC01 Santiago de lo, 2.94 279, Pn, 06 06 32.6 +1.0, SC01 Santiago de lo, 2.94 279, Pn, 06 07 11.7 -1.7, comp=N, 299nm, 1.2s, IAML, 06 07 24.3, LUDR Luperon, 3.24 286, Pn, 06 06 33.3 -3.4, SDDR Presa de Saban, 3.44 270, Pn, 06 06 36.5 -3.7

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Table with columns: REDR Restauracion, 3.54 273, Pn, 06 06 40.5 -1.4, LONE3 El Aguacate, B, 3.63 284, Pn, 06 06 40.9 -2.6, MCDR Montecristi, 3.88 284, Pn, 06 06 40.4 +1.6, JIDR Jimani, 4.01 263, Pn, 06 06 43.8 +3.2

TIR 02 06:10:24.0, 41.59N-19.44E, h29km, 2km, M2.6/3, PDG 02 06:10:25.5, 0.1, 41.64N-19.27E, h17km, ML2.5/11, Error ellipse: s-maj=0.3km s-min=0.3km az=0.0

ISC 02 06:10:23.5-1.1, 41.54N-0.03:19.36E-0.03, h8km, 9km, n28, c15/10/50, 15C-11D, Albania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, TIR Tirane, 0.42 117, Pn, 06 10 31.6 -0.1, TIR Tirane, 0.42 117, Pn, 06 10 38.2 +0.8, 3.8nm, 0.4s, IAML, 06 10 38.4, ULC Ulcinj, 0.43 348j, Pn, 06 10 32.1 +0.1, ULC Ulcinj, 0.43 348j, Pn, 06 10 37.8 +0.1, SDA Shkodra, 0.52 11, Pn, 06 10 33.5 -0.2, SDA Shkodra, 0.52 11, Pn, 06 10 41.4 +0.9, SDA Shkodra, 0.52 11, Pn, 06 10 43.8, 1.1nm, 0.2s, IAML, 06 10 36.1 -0.1, DRME Dracevica, Mon, 0.66 349j, Pn, 06 10 36.1 -0.1, DRME Dracevica, Mon, 0.66 349j, Pn, 06 10 35.1 +0.2, PHE Peshkopja, 0.82 79, Pn, 06 10 30.3 -0.6, PHE Peshkopja, 0.82 79, Pn, 06 10 49.6 -0.4, PHE Peshkopja, 0.82 79, Pn, 06 10 56.1, 1.0nm, 0.8s, IAML, 06 10 39.2 -0.4, BUM Brajici-Budva, 0.84 336, Pn, 06 10 50.7 +0.2, BUM Brajici-Budva, 0.84 336, Pn, 06 10 40.1 -0.5, PDG Podgorica, 0.89 355j, Pn, 06 10 50.6 -1.7, PDG Podgorica, 0.89 355j, Pn, 06 10 40.2 -0.5, PDG Podgorica, 0.89 355j, Pn, 06 10 53.1 -0.2, CEME Cevo, 1.06 342j, Pn, 06 10 52.0 0.0, CEME Cevo, 1.06 342j, Pn, 06 10 52.0 0.0, HCY Herceg Novi, 1.11 325j, Pn, 06 10 44.0 -0.9, HCY Herceg Novi, 1.11 325j, Pn, 06 10 59.9 +0.2, PVY Plav, 1.15 23j, Pn, 06 10 45.8 +0.2, PVY Plav, 1.15 23j, Pn, 06 11 02.8 +1.0, OHR Ohrid, 1.16 111, Pn, 06 10 44.9 -0.3, OHR Ohrid, 1.16 111, Pn, 06 11 04.7 +2.5, NKME Niksic, 1.26 346j, Pn, 06 10 47.0 -0.5, NKME Niksic, 1.26 346j, Pn, 06 11 05.4 +0.7, IVA Berane, 1.39 16j, Pn, 06 10 49.7 0.0, IVA Berane, 1.39 16j, Pn, 06 11 09.9 +1.7, BRY Bratogost, 1.49 336j, Pn, 06 11 11.3 -0.2, BRY Bratogost, 1.49 336j, Pn, 06 10 53.2 -0.3, SKO Skopje, 1.61 74, Pn, 06 11 15.6 +0.2, SKO Skopje, 1.61 74, Pn, 06 10 55.4 +0.6, PLE Pljevlja, 1.79 11j, Pn, 06 11 19.1 0.1, PLE Pljevlja, 1.79 11j, Pn, 06 10 58.7 -1.0, NCI Noci, 1.89 247, Pn, 06 11 03.7 +0.3, MATE Matera, 2.20 247, Pn, 06 11 03.7 +0.3, MATE Matera, 2.20 247, Pn, 06 11 32.1 -2.0, BOVS Bovan, 2.72 39, Pn, 06 11 07.5 +0.1, BOVS Bovan, 2.72 39, Pn, 06 11 39.0 -1.5, MDVR Moldovita, 3.67 27, Pn, 06 12 04.0 -0.1, MDVR Moldovita, 3.67 27, Pn, 06 12 02.7 -1.3, BZS Buzias, 4.39 21, Pn, 06 11 30.1 -0.3, BZS Buzias, 4.39 21, Pn, 06 12 20.2 -1.6, GZR Gura Zlata, 4.58 32, Pn, 06 11 33.4 +0.3, GZR Gura Zlata, 4.58 32, Pn, 06 12 24.8 -1.7, MORH Mrgy, Hungar, 4.70 354, Pn, 06 12 35.9 +0.8, MORH Mrgy, Hungar, 4.70 354, Pn, 06 12 28.1 -1.3, DRGR Drigr, 5.78 24, Pn, 06 11 50.1 +0.5, DRGR Drigr, 5.78 24, Pn, 06 11 50.3 +0.4, SOKA Soko, 6.01 330, Pn, 06 11 58.3 +5.6, KBA Koelbreinsper, 7.02 324, Pn, 06 12 11.0 +4.3, KBA Koelbreinsper, 7.02 324, Pn, 06 12 11.0 +4.3

NEIC 02 06:12:11.5-1.2, 19.11N-0.03:67.73W-0.03, h10km, 1km, ML3.1/23, MD3.0/14(RSPR), Error ellipse: s-maj=6.4km s-min=5.8km az=308.0

RSPR 02 06:12:11.2, 19.22N-67.97W, h30km, 30km, MD3.0/14, ISC 02 06:12:10.9-2.9, 19.14N-0.10:67.75W-0.10, h11km, 10km, n33, c06/68/55, 5C-9D, Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h m s, IDE Isla Desecheo, 0.79 161, Pn, 06 12 26.6 +0.3, IDE Isla Desecheo, 0.79 161j, Pn, 06 12 35.9 -1.1, IDE Isla Desecheo, 0.79 161j, Pn, 06 12 28.3 -0.1, AGPR Aguadilla, PR, 0.90 138, Pn, 06 12 38.6 -1.5, AGPR Aguadilla, PR, 0.90 138, Pn, 06 12 39.2, AGPR 474nm, 0.3s, IAML, 06 12 39.2, AGPR 755nm, 0.3s, IAML, 06 12 39.2, AGPR Aguadilla, PR, 0.90 138j, Pn, 06 12 28.6 +0.2, PRSN Puerto Rico Se, 1.08 148, Pn, 06 12 31.6 -0.1, PRSN Puerto Rico Se, 1.08 148, Pn, 06 12 46.7 +0.8, PRSN Puerto Rico Se, 1.08 148, Pn, 06 12 48.8, PRSN 646nm, 0.3s, IAML, 06 12 51.2, PRSN 1j, 0.3s, IAML, 06 12 51.2, PRSN Puerto Rico Se, 1.08 148j, Pn, 06 12 31.6 -0.1, PRSN Puerto Rico Se, 1.08 148j, Pn, 06 12 46.7 +0.8, LSP Las Mesas, 1.15 146, Pn, 06 12 32.6 -0.2, LSP Las Mesas, 1.15 146j, Pn, 06 12 47.2 -0.6, LSP Las Mesas, 1.15 146j, Pn, 06 12 32.6 -0.2, AOPR Arecibo Observ, 1.23 130, Pn, 06 12 33.6 -0.5, AOPR Arecibo Observ, 1.23 130, Pn, 06 12 55.5, comp=N, 383nm, 0.3s, IAML, 06 12 33.7 -0.4, AOPR Arecibo Observ, 1.23 130j, Pn, 06 12 33.7 -0.4, CRPR Cabo Rojo, PR, 1.28 151, Pn, 06 12 34.7 +0.1, CRPR Cabo Rojo, PR, 1.28 151, Pn, 06 12 51.9 0.0, CRPR Cabo Rojo, PR, 1.28 151, Pn, 06 12 53.0, CRPR Cabo Rojo, PR, 1.28 151, Pn, 06 12 57.0, comp=N, 346nm, 0.4s, IAML, 06 12 57.0, CRPR Cabo Rojo, PR, 1.28 151j, Pn, 06 12 34.5 -0.2, CRPR Cabo Rojo, PR, 1.28 151j, Pn, 06 12 51.9 0.0, UUPR Utuado, UPR, P, 1.32 132, Pn, 06 12 35.0 -0.3, UUPR Utuado, UPR, P, 1.32 132, Pn, 06 12 50.9 -2.1, EMPR Esperanza - Ma, 1.33 119, Pn, 06 12 35.2 -0.3, EMPR Esperanza - Ma, 1.33 119, Pn, 06 12 52.9 -0.2, EMPR Esperanza - Ma, 1.3

Table with columns: SJG, comp=N, 123nm, 0.3s, IAML, Pn, 06 12 03.89

RSPR 02 06:15:24.4, 19:08N-67:92W, h12km, 31km, MD3.0/14
SDD 02 06:15:25.1, 2.2, 19.14N-67:57W, h4km, 369km, MD3.4,

ISC 02 06:15:25.8, 0.9, 19:010N-05:67:65W, 0.003, h27km, n48,
c157/76, 13C-14D, Mona Passage

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

RSPR 02 06:22:44.9, 19:27N-67:79W, h46km, 31km
SDD 02 06:22:47.3, 2.4, 19:13N-67:61W, h1km, 689km, MD3.2,

ISC 02 06:22:47.3, 2.4, 19:13N-67:61W, h1km, 689km, MD3.2,
ML2.2, MW2.2, 11C-5D, Presumed earthquake, Mona

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

RSPR 02 06:28:13.2, 18:97N-67:69W, h26km, 31km, 2C-1D, Mona
Passage

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

RSPR 02 06:15:29.5, 17:92N-66:89W, h4km, 8km, 1C-2D, Puerto
Rico region

RSPR 02 06:22:24.0, 19:35N-67:02W, h26km, 10km, 3C-1D, Mona
Passage

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

RSPR 02 06:22:44.9, 19:27N-67:79W, h46km, 31km
SDD 02 06:22:47.3, 2.4, 19:13N-67:61W, h1km, 689km, MD3.2,

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

RSPR 02 06:28:13.2, 18:97N-67:69W, h26km, 31km, 2C-1D, Mona
Passage

MDD 02 06:28:26.3, 0.9, 36:63N, 12:31W, h0km, Mb3.9/8,
M, mb3.2/8, Error ellipse: s-maj=7.4km s-min=5.9km

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

RSPR 02 06:28:56.8, 19:32N-67:40W, h11km, 23km, MD2.8/4
SDD 02 06:28:54.8, 2.4, 19:20N-67:57W, h15km, 14km, MD3.4,

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

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

RSPR 02 06:28:56.8, 19:32N-67:40W, h11km, 23km, MD2.8/4
SDD 02 06:28:54.8, 2.4, 19:20N-67:57W, h15km, 14km, MD3.4,

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

RSPR 02 06:28:56.8, 19:32N-67:40W, h11km, 23km, MD2.8/4
SDD 02 06:28:54.8, 2.4, 19:20N-67:57W, h15km, 14km, MD3.4,

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

RSPR 02 06:28:56.8, 19:32N-67:40W, h11km, 23km, MD2.8/4
SDD 02 06:28:54.8, 2.4, 19:20N-67:57W, h15km, 14km, MD3.4,

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Nadra Nagua, Loma La Naviza.

NEIC 02 06:30:45.3±1.0, 17.83N, 0.03±66.877W, 0.009, h5km±2km, ML3.2/23, Md2.5/14(RSPR), Error ellipse: s-maj=5.4km s-min=3.0km az=4.0

OSPL 02 06:30:46.2±0.3, 17.86N, 0.66±93.9W, h19km±4km, ML3.1, Presumed earthquake

RSPR 02 06:30:46.4±1.7, 19.1N, 66.89W, h7km, MD2.5/14 SDD 02 06:30:46.3±2.2, 17.87N, 66.91W, h19km±9km, MD2.9, ML3.3, MW3.4, Presumed earthquake

ISC 02 06:30:46.0±1.0, 17.89N, 0.05±66.90W, 0.02, h1km±3km, n54, e089/91, 3C-7D, Puerto Rico region

Main table of station data for Puerto Rico region, including station names like Guanica, Cabo Rojo, Obispo, etc., with columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NADRA, SC01, PODR, SDDR, SDDR, TDBA.

IDC 02 06:43:36.1±1.7, 7.50S, 133.04E, h0km, mb4.0/1, mbmtpp3.9/5, ML3.9/4, Error ellipse: s-maj=59.0km s-min=25.8km az=73.0, Aru Islands region

Main table of station data for Aru Islands region, including station names like Warramunga Arr, FITZ, FITZ, ASAR, ASAR, CTA, MKAR, etc., with columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB12, PB12, PB12, PB05, PB05, PB05, PB10, PB10, PB10, LPAZ, LPAZ, LPAZ, LPAZ, GO02, GO02, AC01, AC02, AC02, AC04, AC04, AC05, AC05, SIV, PTLB, VILB, CPJH, AODB, BO01, BO01, BO02, TRCB, TRQA, MACA, MACA, PLCA, PLCA, BDFB, BDFB, BDFB, VAO, VAO, DBIC, DBIC, TORD, TORD.

GCG 02 07:03:22.4±0.8, 13.59N, 91.24W, h86km±17km, MD3.8, Presumed earthquake

CATAC 02 07:03:26.4±0.6, 14°N, 4°W, h10km, M3.0/12, ML3.0/12, Error ellipse: s-maj=9.9km s-min=4.4km az=25.8, confirmed

ISC 02 07:03:27.1±1.7, 13.79N, 0.08±90.89W, 0.05, h4km±13km, n22, e097/29, Near coast of Guatemala

Main table of station data for Guatemala region, including station names like ESSJ, PCGS, STG5, STG8, STG2, FAME, RTAL, NUBE, LOAL, SLOZ, CEVE, APG, JAYA, JAYA, PMON, PMON, MTO3, LOMA, LOMA, PAVA, PAVA, SCLA, SARH, SARH, Santa Rosa de, etc., with columns for Code, Station Name, Azimuth, Phase ID, Time, Res.

RSPR 02 07:11:56.1, 17.91N, 66.89W, h8km, 5C-1D, Puerto Rico region

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR, GBPR, MLPR, MLPR, CRPR, CRPR, LSPR, LSPR, LSP, LSP, AOPR, AOPR, AOPR, Experimental S, Experimental S, Experimental S, Experimental S.

SDD 02 07:12:23.5±2.9, 19.05N, 67.65W, h12km±179km, MD3.6, ML2.0, MW2.4, Presumed earthquake, Mona Passage

Main table of station data for Mona Passage region, including station names like AGPR, AGPR, AGPR, PRSN, PRSN, PRSN, AOPR, AOPR, AOPR, HIDR, HIDR, HIDR, CRPR, CRPR, CRPR, MIDR, MIDR, MIDR, HATM, HATM, HATM, HATM, HATM, HATM.

CATAC 02 07:13:53.9±0.5, 14°N, 2°W, h6km±3km, M4.0/24, MLV4.0/24, Error ellipse: s-maj=7.8km s-min=4.6km az=87.3, confirmed

IDC 02 07:13:54.9.1.9, 13.98N-92.31W, h0km, mb3.5/3, mbtm3.47, ML3.1/4, MS3.8/1, Error ellipse: s-maj=32.8km s-min=19.6km az=18.0

MEX 02 07:13:56.7.0.7, 13.82N-92.44W, h10km, MD4.4 CGG 02 07:13:58.0.0.5, 14.12N-92.16W, h81km, 15km, MD4.2, ML4.2, MW3.5, Presumed earthquake

ISC 02 07:13:54.3.0.0, 13.90N-0.05-92.38W, 0.03, h4km, 19km, n75, e193/116, mb3.5/3, Off coast of Chiapas

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

ISC 02 07:14:03.7.1.1, 41.55N-0.02-19.37E, 0.03, h8km, 9km, n38, e078/66, 14-16D, Albania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations in Albania and surrounding regions.

IDC 02 07:15:43.9.4.6, 25.94S-179.84E, h475km, 48km, mb3.4/7, mbtm4.2/9, Error ellipse: s-maj=36.6km s-min=20.3km az=55.0

ISC 02 07:15:43.7.1.3, 26.0S:0.1x179.9E:0.2, h475km, n10, e098/111, mb3.8/7, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations in the South of Fiji Islands region.

IDC 02 07:16:30.2.1.1, 37.10N-121.48W, h0km, mb3.5/2, mbtm3.4/7, ML3.6/5, MS3.3/4, Error ellipse: s-maj=13.1km s-min=8.9km az=56.0

NEIC 02 07:16:31.8.37.18N-121.57W, h6km NEIC 02 07:16:31.6.1.1, 37.170N:0.007-121.56W:0.01, h10km, 1km, ML3.8/125, Mw3.9/6(NCEDC), Error ellipse: s-maj=2.8km s-min=1.5km az=200.0

NCEDC 02 07:16:31.9.0.37.176N:0.006-121.56W:0.01, h1km, 1km, Error ellipse: s-maj=1.1km s-min=0.9km az=81.0

NEIC 02 07:16:31.8.37.18N-121.57W, h1km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mr: 12; Mw: 6.76; Mw: 6.65; Mw: 0.97; Mw: 3.35; Mw: 0.24; Fault plane solution: M7.560000x10^14 Np1: 238.140000, 887.900000, -1.7.180000. NP2: 328.410000, 882.820000, -1.777.890000. Principal axes: T 7.4672, Plg4.0000, Azm23.0000, N 0.1901, Plg83.0000, Azm42.0000; P 7.6573, Plg7.0000, Azm193.0000;

ISC 02 07:16:32.1.0.8, 37.171N-0.01x121.56W:0.02, h11km, 5km, n252, e098/252, Central California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations in Central California.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations in the United States and Mexico.

comp=N, 3.0m, 0.3s, baz=227, slow=19, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations in the United States and Mexico.

comp=N, 3.2m, 0.3s, baz=82, slow=21, SNR=6.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations in the United States and Mexico.

comp=N, 4.0m, 0.7s, baz=288, slow=19, SNR=1.4

comp=N, 2.1m, 0.5s, baz=207, slow=11, SNR=2.1

comp=N, 2.5m, 0.9s

comp=N, 0.5m, 0.7s, baz=134, slow=16, SNR=3.8

comp=N, 0.5m, 0.7s, baz=158, slow=7.2, SNR=8.1

comp=N, 0.5m, 0.7s, baz=275, slow=3

comp=N, 1.1m, 0.5s, baz=338, slow=3.4, SNR=6.8

comp=N, 85mm, 18.4s, baz=275, slow=3

THE 02 07:14:02.2, 42°N, 60°E, 3'8, h3km, 37km, ML2.5/2 TIR 02 07:14:03.2, 41.54N, 19.40E, h16km, 2km, M2.6/4 SKO 02 07:14:04.8, 41.166N, 19.49E, h1km, ML2.6 PDG 02 07:14:06.4, 41.1.41.68N:19.39E, h9km, ML2.5/11, Error ellipse: s-maj=0.4km s-min=0.5km az=0.0

2020 JAN

2d 8h

Table of station data for the 2d 8h period, including station names, coordinates, and various parameters.

Main table of station data for the 2020 JAN period, including station names, coordinates, and various parameters.

Table of station data for the 2020 JAN period, including station names, coordinates, and various parameters.

Table with columns: SCIG, Sabancuy, 5.22 13 P, Pn, 08 08 33.9+1.4, DR08, comp=N,298nm,0.1s, 08 16 17.9

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

Table with columns: ZAAO, Zalesovo Array, 46.31 352 P, P, 08 30 47.8 -0.2, ZALV, Zalesovo Beam, 46.31 352 P, P, 08 30 48.0 -0.3

RSPR 02 08:14:08.4, 17.90N-66.90W, h8km, 2km, 3C-1D, Puerto Rico region

RSPR 02 08:16:02.0, 2.1, 19.23N-67.43W, h18km, 109km, MD3.4, ML2.5, MW3.0, Presumed earthquake

SKO 02 08:53:47.4, 41.62N-19.21E, h0km, THE 02 08:53:48.6, 42.14N x 19E:5.8, h3km, 29km, M2.9/5, MLH2.9/5

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

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

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

RSPR 02 08:14:26.7, 19.08N-67.83W, h15km, 24km, MD3.2/6, SDD 02 08:14:27.3, 1.4, 19.16N-67.55W, h15km, 182km, MD3.2, ML2.3, MW2.8, 7C-4D, Presumed earthquake, Mona

IDC 02 08:22:19.8, 1.5, 7.97N-93.97E, h0km, mb3.8/8, mbtm3.8/9, ML3.7/1, Error ellipse: s-maj=43.5km, s-min=29.4km az=61.0

NEIC 02 08:22:22.4, 1.4, 8.08N-0.08-94.0E:0.1, h10km, 1km, mb4.3/15, Error ellipse: s-maj=18.9km s-min=12.7km az=290.0

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

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

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

BUJ 02 08:54:30.2, 55.46N-151.51W, h1km, mb5.1/13, mb5.2/61, Ms5.1/26, Ms7.4/26, MOS 02 08:54:31.8, 0.9, 55.64N-151.36W, h12km, mb5.4/73, Error ellipse: s-maj=9.9km s-min=3.9km az=94.5, IDC 02 08:54:31.2, 0.4, 55.56N-151.32W, h0km, mb5.0/40, mbtm5.0/44, ML4.4, Ms4.1/65, Error ellipse: s-maj=13.5km s-min=10.0km az=20.0, NEIC 02 08:54:32.6, 55.55N-151.39W, h8km, NEIC 02 08:54:32.6, 55.54N-151.25W, h18km, Moment Tensor Solution. Duration: 186 Moment tensor: scale 10^19Nm, Mr=3.73; Mss0.02; Mss3.71; Mss0.26; Mss1.78; Mr=2.22;

YUK8	Steele Glacier	8.38	42	P	Pn	08 56 35.1 +0.9
YUK8	Steele Glacier	8.38	42	P	Pn	08 56 34.9 +0.6
P29M	Windy Craggy	8.38	55	P	Pn	08 56 33.3 -0.8
P29M	Windy Craggy	8.38	55	P	Pn	08 56 33.7 -0.4
MENT	Mentasta	8.40	24	P	Pn	08 56 34.2 -0.2
MENT	Mentasta	8.40	24	P	Pn	08 56 35.1 +0.7
M27K	Edge Creek, AK	8.42	31	P	Pn	08 56 35.0 +0.2
M27K	Edge Creek, AK	8.42	31	P	Pn	08 56 35.3 +0.6
CHUM	Lake Minchumin	8.42	357	P	Pn	08 56 33.9 -0.7
AKSA	Akutun Strait	8.43	267	P	Pn	08 56 33.0 -1.7
J18K	Innoko River	8.44	343	P	Pn	08 56 33.6 -1.3
J18K	Innoko River	8.44	343	P	Pn	08 56 33.7 -1.2
YUK3	Moose Creek	8.45	38	P	Pn	08 56 35.5 +0.3
YUK3	Moose Creek	8.45	38	P	Pn	08 56 35.7 +0.5
AKUT	Akutun	8.47	267	P	Pn	08 56 33.5 -1.7
AKUT	Akutun	8.47	267	P	Pn	08 56 34.0 -1.3
AKUT	Akutun Harbor	8.47	267	S	Sn	08 56 05.6 -4.8
AHB	Akutun Harbor	8.50	267	P	Pn	08 56 34.0 -1.3
L26K	Log Cabin Wild	8.57	25	P	Pn	08 56 37.5 +0.8
L26K	Log Cabin Wild	8.57	25	P	Pn	08 56 37.4 +0.8
AKBBA	Akutun Broad B	8.57	267	P	Pn	08 56 34.6 -2.0
ZFO	ZFO	8.57	267	P	Pn	08 56 34.2 -2.2
K15K	Wolf Creek Mou	8.61	326	P	Pn	08 56 36.6 -0.7
K15K	Wolf Creek Mou	8.61	326	P	Pn	08 56 37.2 -0.1
BPAW	Bear Paw Mtn.	8.62	1	P	Pn	08 56 35.5 -2.0
BPAW	Bear Paw Mtn.	8.62	1	P	Pn	08 56 35.4 -2.0
S31K	Pelican	8.64	67	P	Pn	08 56 35.8 -1.9
YUK6	Outpost Mounta	8.73	46	P	Pn	08 56 39.5 +0.5
YUK6	Outpost Mounta	8.73	46	P	Pn	08 56 39.8 +0.7
BVCY	Beaver Creek	8.77	34	P	Pn	08 56 39.9 +0.4
BVCY	Beaver Creek	8.77	34	P	Pn	08 56 40.1 +0.7
K24K	Donnelly Dome	8.78	16	P	Pn	08 56 40.0 +0.4
J19K	Poorman	8.79	347	P	Pn	08 56 38.4 -1.3
J19K	Poorman	8.79	347	P	Pn	08 56 38.6 -1.1
J20K	Nowinta River	8.82	352	P	Pn	08 56 39.0 -1.0
J20K	Nowinta River	8.82	352	P	Pn	08 56 39.3 +0.8
J17K	VABM Dome	8.84	337	P	Pn	08 56 39.5 -0.9
YUK4	Talbot Arm	8.84	43	P	Pn	08 56 42.3 +1.6
RIDG	Independent Riv	8.88	19	P	Pn	08 56 41.6 +0.7
P30M	Million Dollar	8.94	53	P	Pn	08 56 41.7 -0.1
PLBC	Pleasant Camp	8.96	58	P	Pn	08 56 41.9 -0.2
PLBC	Pleasant Camp	8.96	58	P	Pn	08 56 41.9 -0.2
UNV	Unalaska Valle	8.96	266	P	Pn	08 56 39.6 -2.5
BC01	Beaver Creek A	8.99	29	P	Pn	08 56 41.6 -0.9
L27K	Beaver Creek,	8.99	29	P	Pn	08 56 42.1 -0.3
R31K	City Hall, Gus	8.99	65	P	Pn	08 56 41.5 -0.8
R31K	City Hall, Gus	8.99	65	P	Pn	08 56 41.6 -0.8
HYT	Haines Junctio	9.03	48	P	Pn	08 56 42.7 +0.3
HYT	Haines Junctio	9.03	48	P	Pn	08 56 43.3 +0.2
SIT	Sitka	9.03	74	P	Pn	08 56 40.2 -2.7
YUK5	Granite Creek	9.04	46	P	Pn	08 56 44.1 +0.9
J16K	Anvik River	9.12	333	P	Pn	08 56 43.4 -0.8
J16K	Anvik River	9.12	333	P	Pn	08 56 43.5 -0.7
WRH	Wood River Hill	9.14	9	P	Pn	08 56 43.3 -1.1
NEA2	Nenana	9.19	6	P	Pn	08 56 43.9 -1.2
NEA2	Nenana	9.19	6	P	Pn	08 56 44.4 -0.7
HDA	Harding Lake	9.19	12	P	Pn	08 56 44.5 -0.8
HDA	Harding Lake	9.19	12	P	Pn	08 56 44.7 -0.5
SCRK	Sand Creek	9.26	20	P	Pn	08 56 46.1 -0.1
SCRK	Sand Creek	9.26	20	P	Pn	08 56 46.1 -0.1
M11K	Mekoryuk	9.30	308	P	Pn	08 56 45.1 -1.5
M11K	Mekoryuk	9.30	308	P	Pn	08 56 45.7 -1.0
CCB	Clear Creek Bu	9.34	9	P	Pn	08 56 45.7 -1.4
I20K	Naaghedeneel	9.45	352	P	Pn	08 56 48.0 -0.7
K13K	Kusilivak Mount	9.46	318	P	Pn	08 56 47.8 -1.0
K13K	Kusilivak Mount	9.46	318	P	Pn	08 56 47.9 -0.9
S32K	Killishnoo	9.46	71	P	Pn	08 56 47.5 -1.3
SKAG	Skagway	9.47	59	P	Pn	08 56 48.7 -0.2
BESE	Bessie Mountai	9.48	64	P	Pn	08 56 48.0 -1.1
N30M	Aishikik Lake	9.53	45	P	Pn	08 56 49.3 -0.6
N30M	Aishikik Lake	9.53	45	P	Pn	08 56 49.5 -0.3
ILAR	Eielson Array	9.55	11	Pn	Pn	08 56 48.0 -2.2
ILAR	comp=N,3.8nm,0.3s,baz=142,slow=30,SNR=151	9.55	11	Pn	Sn	08 58 28.6 -8.4
ILAR	comp=N,3.8nm,0.3s,baz=142,slow=30,SNR=5.6	9.55	11	LR	LR	09 00 26.4
COLA	College	9.55	9	P	Pn	08 56 48.6 -1.5
COLA	College	9.55	9	P	Pn	08 56 49.1 -1.0
COLA	College	9.55	9	P	Pn	08 56 48.6 -1.5
COLA	College	9.55	9	P	Pn	08 56 48.8 -1.3
R32K	Eaglecrest	9.59	66	P	Pn	08 56 50.0 -0.7
M29M	Somme Creek	9.60	38	P	Pn	08 56 51.0 +0.2
J14K	Nanvaranak Lak	9.60	324	P	Pn	08 56 50.2 -0.4
J25K	Salcha River,	9.60	16	P	Pn	08 56 50.7 -0.2
J25K	Salcha River,	9.60	16	P	Pn	08 56 50.7 -0.2
O30N	Mendenhall	9.61	50	P	Pn	08 56 50.6 -0.3
O30N	Mendenhall	9.61	50	P	Pn	08 56 50.7 -0.3
I17K	Unalakleet	9.64	334	P	Pn	08 56 51.1 -0.2
I17K	Unalakleet	9.64	334	P	Pn	08 56 51.6 +0.3
JIS	Juneau Island	9.66	66	P	Pn	08 56 50.6 -1.0
JIS	Juneau Island	9.66	66	P	Pn	08 56 50.7 -1.0
GCSA	Galena City Sc	9.67	346	P	Pn	08 56 51.0 -0.7
GCSA	Galena City Sc	9.67	346	P	Pn	08 56 50.1 -1.7
I21K	Tanana	9.71	358	P	Pn	08 56 50.8 -1.5
I23K	Minto, Yukon-K	9.72	5	P	Pn	08 56 51.1 -1.3
I23K	Minto, Yukon-K	9.72	5	P	Pn	08 56 51.4 -1.1
J26L	Joseph Creek	9.81	20	P	Pn	08 56 53.9 +0.1
POKR	Poker Plat Res	9.83	10	P	Pn	08 56 52.8 -1.1
POKR	Poker Plat Res	9.83	10	P	Pn	08 56 53.3 -0.6
OKTU	Okmok Mt., Tuli	9.98	265	P	Pn	08 56 55.2 -0.8
N31M	Braeburn, Yuko	10.08	47	P	Pn	08 56 57.5 +0.1
WHY	Whitehorse	10.10	53	P	Pn	08 56 57.8 0.0
L29M	L29M	10.15	36	P	Pn	08 56 58.6 +0.2
H20K	Anotleneega Mo	10.17	352	P	Pn	08 56 57.7 -0.9
H21K	Melozina River	10.21	356	P	Pn	08 56 58.2 -0.9
U33K	Whele Pass	10.25	79	P	Pn	08 56 57.1 -2.6
M30M	Minto, Yukon	10.28	41	P	Pn	08 56 59.9 -0.3
H18K	Honhosa River	10.28	343	P	Pn	08 56 58.2 -1.9
P32M	Atlin	10.29	59	P	Pn	08 56 59.5 -0.8

P32M	Atlin	10.29	59	P	Pn	08 56 59.4 -0.9
CRAC	Craig	10.32	83	P	Pn	08 56 58.2 -2.4
T33K	Petersburg	10.32	75	P	Pn	08 56 59.9 -0.7
H19K	Roundabout Mou	10.37	348	P	Pn	08 56 59.8 -1.4
H17K	Granite Mounta	10.37	339	P	Pn	08 57 00.2 -1.1
H22K	Ishlitalina Cre	10.43	360	P	Pn	08 57 00.4 -1.7
H22K	Ishlitalina Cre	10.43	360	P	Pn	08 56 59.9 -2.2
PRP	Poppine Dome	10.44	13	P	Pn	08 57 01.4 -1.0
DAWY	Dawson	10.46	30	P	Pn	08 57 02.4 -0.1
H24K	Noodor Dome	10.50	8	P	Pn	08 57 02.2 -1.0
NIKH	Nikolski High	10.58	263	P	Pn	08 57 01.6 -2.6
SPIA	Saint Paul Isl	10.64	287	P	Pn	08 57 04.5 -0.5
H16K	Elim	10.64	334	P	Pn	08 57 05.1 +0.1
K29M	Barlow Dome	10.86	34	P	Pn	08 57 08.8 +0.7
K29M	Barlow Dome	10.86	34	P	Pn	08 57 07.9 -0.2
Q32M	Nakina River	10.87	64	P	Pn	08 57 07.8 -0.6
P33M	Teslin, Yukon	10.90	57	P	Pn	08 57 08.1 -0.6
M31M	Drury Creek, Y	11.01	46	P	Pn	08 57 10.2 +0.1
G18K	Tagagawik	11.02	344	P	Pn	08 57 09.7 -0.5
G18K	Tagagawik	11.02	344	P	Pn	08 57 08.3 -1.8
G17K	Kiwalik Mounta	11.02	339	P	Pn	08 57 08.5 -1.6
J29N	Klondike Camp	11.09	31	P	Pn	08 57 10.9 -0.2
J29N	Klondike Camp	11.09	31	P	Pn	08 57 10.0 -1.2
G21K	Allakaket	11.10	355	P	Pn	08 57 09.6 -1.7
G21K	Allakaket	11.10	355	P	Pn	08 57 09.8 -1.5
N32M	Quiet Lake	11.10	52	P	Pn	08 57 11.5 +0.1
I27K	Kandik River	11.18	21	P	Pn	08 57 12.1 -0.3
V35K	Ketchikan	11.19	83	P	Pn	08 57 11.8 -0.8
G23K	Bananza Creek	11.26	3	P	Pn	08 57 11.6 -1.9
G16K	Koyuk River	11.30	336	P	Pn	08 57 12.8 -1.2
G16K	Koyuk River	11.30	336	P	Pn	08 57 13.0 -1.0
S34M	Telegraph Cree	11.34	69	P	Pn	08 57 14.7 +0.2
G24K	Hadweenzic Riv	11.38	8	P	Pn	08 57 14.3 -0.9
G15K	Niukluk	11.40	332	P	Pn	08 57 14.5 -0.8
I28M	Miner Creek	11.42	25	P	Pn	08 57 15.1 -0.6
ANM	Alona	11.46	328	P	Pn	08 57 15.3 -0.9
G22K	Bettles	11.46	360	P	Pn	08 57 15.2 -0.9
G25K	Beam Lake	11.57	10	P	Pn	08 57 17.2 -0.4
R33M	Jennings River	11.61	62	P	Pn	08 57 18.2 -0.2
J30M	Hart River	11.74	33	P	Pn	08 57 19.5 -0.7
H27K	Steamboat Moun	11.75	20	P	Pn	08 57 20.3 +0.1
H27K	Steamboat Moun	11.75	20	P	Pn	08 57 20.1 0.0
I29M	Ogivilie Camp	11.76	28	P	Pn	08 57 19.2 -1.0
F20K	Avaraart Lake	11.77	351	P	Pn	08 57 19.3 -1.2
F20K	Avaraart Lake	11.77	351	P	Pn	08 57 18.9 -1.5
COLD	Coldfoot	11.78	2	P	Pn	08 57 21.3 -2.2
T35M	Bob Quinn	11.80	74	P	Pn	08 57 21.2 +0.3
T35M	Bob Quinn	11.80	74	P	Pn	08 57 20.4 -0.3
F21K	Alata River	11.80	356	P	Pn	08 57 19.6 -1.3
F17K	Baldwin Pennin	11.87	340	P	Pn	08 57 21.6 -1.4
U35K	Hyder	12.00	79	P	Pn	08 57 24.9 +1.3
U35K	Hyder	12.00	79	P	Pn	08 57 23.3 -0.3
G26K	Porcupine River	12.03	14	P	Pn	08 57 22.9 -1.0
F22K	North Star Dit	12.05	358	P	Pn	08 57 22.8 -1.5
F15K	North Star Dit	12.12	333	P	Pn	08 57 24.5 -0.6
F24K	Squaw Lake	12.16	6	P	Pn	08 57 24.2 -1.6
F24K	Squaw Lake	12.16	6	P	Pn	08 57 24.5 -1.4
I30M	Mount Dempster	12.19	31	P	Pn	08 57 25.2 -1.1
E19K	Redstone River	12.31	349	P	Pn	08 57 26.7 -1.1
F14K	Arctic Creek	12.40	330	P	Pn	08 57 27.6 -1.4
H29M	Whitestone	12.42	25	P	Pn	08 57 29.1 -0.3
H29M	Whitestone	12.42	25	P	Pn	08 57 28.7 -0.6
E23K	Chandler	12.42	3	P	Pn	08 57 31.0 -1.2
E17K	Hotham Inlet	12.64	341	P	Pn	08 57 31.1 -1.2
E22K	Anaktuvuk Pass	12.68	359	P	Pn	08 57 31.8 -1.1
E24K	Your Creek	12.68	5	P	Pn	08 57 32.1 -0.9
WTLV	Watson Lake, Y	12.83	60	P	Pn	08 57 34.4 -0.5
TNA	Tin City	12.93	328	P	Pn	08 57 35.2 -1.1
E25K	Arctic Village	12.94	10	P	Pn	08 57 36.1 -0.3
E25K	Arctic Village	12.94	10	P	Pn	08 57 35.4 -1.0
EPYK	Eagle Plains	12.95	27	P	Pn	08 57 35.8 -0.8
G29M	Pine Creek	13.07	24	P	Pn	08 57 39.5 +1.4
G29M	Pine Creek	13.07	24	P	Pn	08 57 37.3 -0.9

2020 JAN

Table with columns: ICAO, Name, Frequency, Power, Mode, and other technical details. Includes stations like KULLO, NEEM, YAK, AMTY, etc.

Table with columns: ICAO, Name, Frequency, Power, Mode, and other technical details. Includes stations like NRIK, H11S1, IVI, TCU, etc.

Table with columns: ICAO, Name, Frequency, Power, Mode, and other technical details. Includes stations like KNGR, HHC, H11S2, etc.

BEO 02 09:59:28.3+0.2,43.24N;20.83E,h0km,mb4.2/4
PDD 02 09:59:30.5+0.3,43.17N;20.60E,h9km,1km,ML2.4/11,
Error ellipse: s-maj=1.3km s-min=2.2km az=0.0

ISC 02 09:57:26.0+0.9,43.22N;0.02-20.81E;0.02,h11km,8km,
n52,0581/99,17C-18L,Northern Balkan Peninsula

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

IDC 02 10:03:03.0+0.8,33.97N;60.25E,h0km,mb4.0/19,
mbtmp4.0/23,ML3.6/4,MS3.5/13,Error ellipse:
s-maj=18.0km s-min=12.5km az=0.0

TEH 02 10:03:03.5,34.04N;12.31E,h9km,13km,ML4.6,
Presumed earthquake

MOS 02 10:03:05.2+1.4,34.29N;60.35E,h15km,mb4.4/17,Error
ellipse: s-maj=7.8km s-min=6.3km az=81.3

THR 02 10:03:05.0+0.0,34.05N;60.26E,h14km,13km,ML4.6,
Presumed earthquake

NEIC 02 10:03:06.2+2.9,34.16N;0.09-60.41E;0.08,h10km,1km,
mb4.3/26,Error ellipse: s-maj=16.0km s-min=10.9km
az=172.0

ISC 02 10:03:04.0+0.4,34.06N;0.03-60.32E;0.04,h10km,n146,
0177/140,mb4.2/45,MS3.4/13,2C,Northern and central
Iran

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

Main table with columns: MRVT, Maraveh tapeh, 4.97 317, ePn, Pn, 10 04 20.8 +1.7, 10 06 26.5. Lists seismic events with station names, magnitudes, and arrival times.

Main table with columns: ARTI, SIM, Simferopol', 22.86 306, eP, Sn, 10 12 42.1 +2.2, 10 08 10.1 +2.3. Lists seismic events with station names, magnitudes, and arrival times.

NVL	N'iazarevskaya	110.10	195	iPKIKP	PKIKP	10 21 35.6	+0.4
NVL				eSS	SS	10 37 36.5	+1.4
NVL				eSSS	SSS	10 41 43.1	
NVL	comp=Z,7.0nm,0.9s			pmax	pmax		
NVL	comp=Z,4.61nm,22.0s			MLR	MLR		

IDC 02 10:12:58.7-1.1,33.93N-119.09W,h0km,mb3.9/7,
 mbtmp3.6/12,ML3.3/5,MS2.6/2,Error ellipse:
 s-maj=15.3km s-min=8.2km az=37.0
 NEIC 02 10:12:58.3-2.3,33.96N,0.02-119.193W,0.009,
 h5km,1km,mb4.1/31,ML4.0/130,IMw4.0/6(PAS),Error
 ellipse: s-maj=2.9km s-min=2.7km az=92.0
 PAS 02 10:12:59.5-2.6,33.92N,0.01-119.22W,0.01,h0km,2km,
 Error ellipse: s-maj=1.9km s-min=1.5km az=185.0
 ISC 02 10:12:59.3-1.2,33.92N,0.03-119.20W,0.03,h3km,2.8km,
 n107,019/04/103,mb4.2/12,Southern California

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
Op	ISC	h	m	s	ISC	
STCC	Santa Clara	0.39	1	Op	10 13 08.0	-0.4
STCC				Pb	10 13 14.7	+0.1
AGOC	Agoura	0.42	57	Pb	10 13 08.5	-0.6
AGOC				Pg	10 13 15.1	-0.6
BCD	Casitas Dam	0.47	345	Pg	10 13 09.2	+0.8
TPRS	Tripped Ranch	0.54	71	Pb	10 13 10.1	-0.8
BLLC	Black Canyon	0.54	53	Pg	10 13 18.6	+0.5
DJJ	Donna J Jenkin	0.65	73	Pb	10 13 12.2	-0.6
DJJ				Pb	10 13 12.1	-0.7
OAT	Oat Mountain	0.65	48	Pb	10 13 12.6	-0.2
OAT				Pb	10 13 22.8	+0.7
SBC	Santa Barbara	0.68	321	Pg	10 13 12.5	+0.1
SBC				Pg	10 13 22.1	+0.9
RPV	Rancho Palos V	0.68	104	Pg	10 13 24.4	-1.7
LCGC	La Cienea, Cu	0.69	83	Pb	10 13 24.4	+1.3
BHPC	Baldwin Hills	0.70	84	Pb	10 13 24.5	+1.0
HLLC	North Hollywood	0.74	69	Pg	10 13 14.7	-0.7
HLLC				Pb	10 13 24.6	-0.2
USC	University of	0.76	82	Pb	10 13 15.5	+0.7
USC				Pb	10 13 27.4	-0.7
GR2C	Griffith Obs.	0.77	75	Pb	10 13 14.6	-0.4
GR2C				Pb	10 13 25.2	-0.4
W12T	Watts, South G	0.78	87	Pb	10 13 14.8	-0.6
DECC	Green Verdugo	0.79	65	Pg	10 13 26.2	0.0
DECC				Pg	10 13 14.8	+0.2
OSI	Osito Audit: C	0.80	29	Pb	10 13 26.5	-0.1
OSI				Sg	10 13 27.6	
OSI				IAML		
OSI	comp=N,4μm,0.6s			IAML	10 13 32.6	
OSI	comp=E,3μm,0.6s			IAML	10 13 32.6	
LOK	Lockwood Valle	0.81	6	Pg	10 13 15.1	+0.2
LOK				Pg	10 13 26.7	-0.3
CIAC	Catalina I. Ai	0.83	128	Pb	10 13 16.7	-0.2
PASC	Pasadena Art C	0.88	73	Pg	10 13 16.2	+0.1
PASC				IAML	10 13 32.8	
SYP	Santa Ynez Pea	0.89	314	Pg	10 13 15.8	-0.5
SYP				Pg	10 13 27.9	-0.1
MPI	Mount Pinos, F	0.90	3	Pg	10 13 16.4	-0.1
MPI				Sg	10 13 28.8	+0.6
GVRC	Garvey Reserv	0.91	81	Pg	10 13 17.8	-0.5
BSM	San Miguel Isl	0.97	278	Pg	10 13 17.5	-0.3
MWC	Mount Wilson	0.99	72	Pg	10 13 18.1	-0.2
SCI2	San Clemente I	1.08	150	Pg	10 13 19.9	0.0
TPO	Tropico Hills	1.25	40	Pg	10 13 22.2	-1.1
TPO				Sg	10 13 39.8	+0.2
TPO				IAML	10 13 43.5	
GATR	Gnd/Air Tx Cnt	1.25	301	Pg	10 13 22.3	-1.1
CARC	Carrolliz Park	1.49	339	Pn	10 13 26.4	0.0
ELS	Elsinore Mount	1.50	100	Pn	10 13 25.2	-1.4
ISA	Isabella, Lake	1.84	19	Pn	10 13 31.0	0.0
VES	Vestal, Richgr	1.92	3	Pn	10 13 32.1	-0.2
VES				IAML	10 13 59.1	
VES	comp=E,1μm,0.9s			IAML	10 14 01.9	
LRMC	Laurel Mtn Rad	2.00	38	Pn	10 13 33.4	-0.1
LRMC				IAML	10 14 07.7	
WSHM	Spangler Hills	2.19	39	IAML	10 14 13.1	
WSHM				IAML	10 14 18.4	
W35A	Chr Cany lake	2.20	43	IAML	10 14 19.7	
TJX	Tijuana	2.28	127	Pn	10 13 36.1	-1.1
PFO	Pinyon Flats O	2.30	97	Pn	10 13 37.3	-0.4
PFO				Sg	10 13 22.2	-1.1
PFO				Sg	10 13 39.8	+0.2
PFO	comp=E,1.04nm,0.3s,baz=272,slow=12,SNR=112			Lg		
PFO	comp=E,93nm,0.3s,baz=322,slow=18,SNR=11			Lg		
PFO	comp=E,2.30μm,0.7s			Pn	10 13 37.4	-0.2
PFO				Pn	10 14 20.9	
PMD	Bear Valley Ra	2.31	332	Pn	10 13 36.4	-1.3
PMD	Palm Desert	2.36	96	Pn	10 13 38.0	-0.4
PMD				IAML	10 14 16.0	
PMD	comp=E,536nm,0.4s			IAML	10 14 26.3	
BORC	Borrogo Spring	2.41	105	Pn	10 13 38.7	-0.3
BORC				IAML	10 14 17.4	
BORC	comp=E,637nm,0.7s			IAML	10 14 19.5	
GSC	Goldstone, Bar	2.41	54	Pn	10 13 39.4	+0.3
GSC				IAML	10 14 20.2	
PMPB	Monarch Peak	2.65	331	Pn	10 13 41.0	-1.3
PMPB				Pn	10 14 39.9	
PMPB	comp=N,479nm,1.0s			IAML	10 14 43.2	
QSM	Queen of Sheba	2.80	42	Pn	10 13 44.3	-0.1
QSM				IAML	10 14 33.9	
QSM	comp=N,509nm,1.0s			IAML	10 14 38.8	
YUH	Yuth Desert	3.02	114	IAML	10 14 35.6	
YUH	comp=N,311nm,0.8s			IAML	10 14 36.6	
BBGB	Big Mountain B	3.06	331	Pn	10 13 47.5	-0.5
BBGB				IAML	10 14 35.2	
BBGB	comp=E,572nm,0.8s			IAML	10 14 52.4	
GWY	Greenwater Val	3.07	42	Pn	10 13 48.5	+0.2
GWY				IAML	10 14 53.7	
GWY	comp=E,382nm,0.8s			IAML	10 14 55.6	
BC3	Big Chuckwall	3.13	94	Pn	10 13 47.7	-1.3
BC3				IAML	10 14 49.4	
FURC	Furnace Creek,	3.18	36	Pn	10 13 50.1	+0.5
FURC				IAML	10 15 02.2	
ESJX	Sierra Juarez	3.33	124	Pn	10 13 51.7	-0.2
ESJX				IAML	10 14 53.5	
ESJX	comp=N,264nm,1.0s			IAML	10 14 54.0	
IRM	Iron Mountain	3.37	85	Pn	10 13 51.6	-0.7
IRM				IAML	10 14 59.6	
GRAC	Grapevine Rang	3.42	25	IAML	10 14 50.6	
GRAC	comp=N,359nm,1.1s			IAML	10 15 00.7	
MDPB	Devils Postpil	3.71	1	IAML	10 14 54.1	
MDPB	comp=N,158nm,0.7s			IAML	10 15 06.3	
GLA	Glamis	3.75	102	IAML	10 15 09.1	
GLA	comp=E,261nm,0.8s			IAML	10 15 14.7	

VTX	Valle De La Tr	3.82	130	Pn	10 13 59.4	+0.9
TPNV	Topopah Spring	3.87	38	IAML	10 15 05.6	
TPNV	comp=N,192nm,0.8s			IAML	10 15 08.6	
BLYC	Blythe	3.89	91	IAML	10 15 17.9	
BLYC	comp=N,199nm,0.8s			IAML	10 15 17.9	
V12A	Nelson	4.00	62	IAML	10 15 18.1	
V12A	comp=N,173nm,1.6s			IAML	10 15 20.9	
CMB	Columbia Cole	4.26	37	Pn	10 14 04.7	+0.7
LHV	Little Hutton	4.32	7	IAML	10 15 22.7	
LHV	comp=E,166nm,1.5s			IAML	10 15 42.0	
W13A	Hualapai Mount	4.54	73	IAML	10 15 28.2	
W13A	comp=N,138nm,1.6s			IAML	10 15 28.2	
W13A	comp=N,138nm,1.6s			IAML	10 15 36.4	
NVAR	Mina Array Bea	4.56	9	Pn	10 14 10.1	+1.2
NVAR	comp=E,0.4nm,0.3s,baz=198,slow=16,SNR=9.5			Pb	10 14 17.7	-2.0
NVAR	comp=E,1.9nm,0.3s,baz=189,slow=16,SNR=26			Lg	10 15 18.4	
NVAR	comp=E,2.6nm,0.3s,baz=145,slow=14,SNR=2.1			Lg	10 15 18.4	
NVAR	comp=E,1.1nm,0.5s			Pn	10 14 08.3	-0.5
NVAR	comp=N,172nm,1.7s			Pn	10 14 09.2	+0.1
S11A	Rachel	4.66	36	IAML	10 15 40.7	
S11A	comp=N,172nm,1.7s			IAML	10 16 22.6	
S11A	comp=E,195nm,1.9s			Pn	10 14 11.6	+1.6
SFX	San Felipe	4.66	127	Pn	10 15 35.9	
SFX	comp=N,149nm,0.8s			IAML	10 15 37.0	
SFX	comp=E,1.77nm,1.0s			IAML	10 15 47.0	
PRN	Pahrog Range	4.85	43	IAML	10 15 47.0	
PRN	comp=N,112nm,1.3s			IAML	10 15 52.4	
PRN	comp=E,1.41nm,0.9s			IAML	10 15 52.6	
Y14A	Wickenburg	5.15	88	IAML	10 16 19.8	
Y14A	comp=N,119nm,1.2s			IAML	10 16 19.8	
Y14A	comp=E,77nm,1.1s			IAML	10 14 15.8	-0.9
CVS	Carment Viney	5.15	330	Pn	10 16 33.7	
CVS	comp=N,67nm,3.0s			IAML	10 17 40.7	
CVS	comp=E,55nm,3.2s			IAML	10 15 45.0	
PNTR	Pine Nut	5.17	357	IAML	10 14 46.8	+1.3
PNTR	comp=E,105nm,1.3s			Pn	10 14 50.7	+1.4
TUC	Tucson	7.24	100	Pn	10 14 46.8	+1.3
ELK	Elko	7.51	24	Pn	10 14 50.7	+1.4
ELK	comp=E,0.6nm,0.3s,baz=225,slow=11,SNR=29			Sg	10 16 13.6	-1.2
ELK	baz=187,slow=16			Lg	10 16 54.6	
ELK	comp=E,0.2nm,0.3s,baz=223,slow=19,SNR=5.4			Sg	10 16 54.6	
YBH	Yreka Blue Hor	8.28	341	Pn	10 15 02.9	+3.2
YBH	baz=161,slow=7.4,SNR=4.8			Pn	10 18 51.9	
YBH	comp=E,15nm,19.7s,baz=104,slow=42			LR	10 18 51.9	
ANMO	Albuquerque	10.57	81	Pn	10 15 31.3	0.0
ANMO	baz=312,slow=16,SNR=1.7			Pn	10 15 31.3	0.0
ANMO	baz=253,slow=19,SNR=2.9			Lg	10 18 30.4	
ANMO	comp=E,0.4nm,0.6s			Lg	10 18 30.4	
PDAR	Pinedale Array	11.63	38	Pn	10 15 48.9	+3.1
PDAR	baz=234,slow=12,SNR=8.2			Pn	10 15 48.9	+3.1
PDAR	comp=E,0.9nm,0.8s			LR	10 20 52.0	
LPIG	La Paz	12.49	139	LR	10 20 52.0	
LPIG	comp=N,96nm,19.8s,baz=314,slow=38			LR	10 20 52.0	
TX31	Lajitas Ar. Si	13.99	105	Pn	10 16 15.5	-2.5
TXAR	Lajitas Array	13.99	105	Pn	10 16 20.7	+2.7
TXAR	comp=E,0.1nm,0.3s,baz=289,slow=12,SNR=7.4			Pn	10 16 15.7	-2.3
TXAR	comp=N,22nm,0.6s			Pn	10 16 12.1	-0.6
TXAR	comp=N,19nm,1.1s			Iamb	10 16 52.1	
EGMT	Eagleton	15.78	24	Pn	10 17 09.7	-0.2
EGMT	comp=N,19nm,1.1s			Pn	10 17 14.5	+0.3
FNO	Franklin	18.00	80	P	10 17 09.7	-0.2
DGMT	Dagmar	18.36	33	P	10 17 12.1	
DGMT	comp=N,26nm,1.3s			Iamb	10 17 17.9	
OK048	Pawnee Station	18.36	76	Iamb	10 17 17.9	
OK048	comp=N,11nm,1.0s			Pn	10 17 13.3	-1.8
W35A	Tecumseh	18.43	80	P	10 17 18.6	
W35A	comp=N,22nm,1.1s			Iamb	10 17 18.6	
OK052	Battle Ridge B	18.47	77	Iamb	10 17 24.9	
OK052	comp=N,14nm,0.8s			Iamb	10 17 25.5	-1.0
DEOK	Depew	18.72	78	Iamb	10 17 05.2	-1.0
DEOK	comp=N,10nm,0.9s			Iamb	10 17 30.5	
KSU1	Kansas State U	18.86	68	Iamb	10 17 30.5	
KSU1	comp=N,12nm,1.1s			Pn	10 17 26.0	+0.4
TUL3	Leonard	19.29	77	P	10 17 29.1	
TUL3	comp=N,15nm,1.0s			Iamb	10 17 33.8	+0.6
ECSD	EROS Data Cent	20.09	54	P	10 17 46.2	+1.0
USBA	Redstone River	20.42	76	Iamb	10 17 47.8	

Table with columns for flight codes (CTA, CTAO, etc.), destinations (Charters Tower, etc.), times, and status indicators (P, S, I, etc.).

Table with columns for flight codes (CMAR, CRAI, etc.), destinations (Chiang Mai Arr, etc.), times, and status indicators (P, S, I, etc.).

Table with columns for flight codes (INU, XAN, etc.), destinations (Inuyama, etc.), times, and status indicators (P, S, I, etc.).

SHEM	comp=N,3.3nm,0.3s,baz=108,slow=20,SNR=0.9	11 51 58.7 +0.3	KDAD	comp=Z,0.2nm,0.3s,baz=353,slow=8.1,SNR=1.4	11 57 48.0 -4.8	RND	Reindeer	20.34	41	P	Iamb	P	Iamb	11 55 27.3 +0.7					
SHEM	Shemya Is, Ala	4.39 294 Pn	IAML	comp=Z,2.3nm,0.4s	11 55 06.8	RND	Reindeer	20.34	41	P	Iamb	P	Iamb	11 55 30.5					
SMY	comp=E,150nm,1.7s	4.39 294 Pn	IAML	KDAD	Kodiak Island	16.86	56	Iamb	Iamb	11 55 06.8	RND	Reindeer	20.34	41	P	Iamb	11 55 27.3 +0.7		
SMY	comp=N,364nm,2.2s	11 53 19.4	IAML	KDAD	Kodiak Island	16.86	56	Iamb	Iamb	11 55 06.8	RND	Reindeer	20.34	41	P	Iamb	11 55 27.3 +0.7		
SMY	comp=E,343nm,1.2s	4.39 294 P	Pn	KDAD	Kodiak Island	16.86	56	Iamb	Iamb	11 55 06.8	RND	Reindeer	20.34	41	P	Iamb	11 55 27.3 +0.7		
NIKH	Nikolski High	6.73 70 Pn	Pn	N19K	Bonanza Creek	16.87	45	P	P	11 54 46.3 -0.5	C19K	Lookout Ridge	20.38	20	P	P	11 55 27.4 +0.4		
NIKH	Nikolski High	6.73 70 Pn	Pn	N19K	Bonanza Creek	16.87	45	P	P	11 54 47.9 -0.8	MCK	McKinley	20.43	40	P	Iamb	P	Iamb	11 55 27.5 -0.1
P08K	Saint George I	7.99 42 P	Pn	P19K	Oil Pit	17.02	50	P	Pn	11 54 47.2 +0.2	MCK	McKinley	20.43	40	P	Iamb	P	Iamb	11 55 27.5 -0.1
SPIA	Saint Paul Isl	8.09 38 P	Pn	P19K	Oil Pit	17.02	50	P	Pn	11 54 49.3 +0.4	MCK	McKinley	20.43	40	P	Iamb	P	Iamb	11 55 27.5 -0.1
UNV	Unalaska Valle	8.30 66 Pn	Pn	Q20K	Shuyak Island	17.14	54	P	Pn	11 54 50.8 +0.4	MCK	McKinley	20.43	40	P	Iamb	P	Iamb	11 55 27.5 -0.1
UNV	Unalaska Valle	8.30 66 Pn	Pn	H17K	Granite Mounta	17.15	29	P	Pn	11 54 50.8 +0.4	MCK	McKinley	20.43	40	P	Iamb	P	Iamb	11 55 27.5 -0.1
FALS	False Pass	10.32 62 P	Pn	H17K	Granite Mounta	17.15	29	P	Pn	11 54 50.3 -0.2	SCM	Sheep Creek Mo	20.46	46	P	P	P	11 55 27.6 -0.4	
S12K	Black Hills	11.28 59 P	Pn	J18K	Innoko River	17.28	36	P	Pn	11 54 51.7 -0.3	WAT6	Susitna Watana	20.51	44	P	P	P	11 55 28.3 -0.3	
M11K	Mekoryuk	11.86 33 P	Pn	L19K	White Mountain	17.32	41	P	P	11 54 53.5 -0.1	H22K	Ishlaltina Cre	20.54	33	P	Iamb	Iamb	11 55 29.6 +0.9	
SDPT	Sand Point	12.06 62 Pn	Pn	L19K	White Mountain	17.32	41	P	P	11 54 53.3 -0.1	H22K	Ishlaltina Cre	20.54	33	P	Iamb	Iamb	11 55 29.6 +0.9	
SDPT	Sand Point	12.06 62 Pn	Pn	L19K	White Mountain	17.32	41	P	P	11 54 52.3 -0.3	H22K	Ishlaltina Cre	20.54	33	P	Iamb	Iamb	11 55 29.6 +0.9	
CNBA	Chernabura Isl	12.46 65 Pn	Pn	G17K	Kiwalik Mounta	17.35	27	P	Pn	11 54 52.7 -0.2	F21K	Alatina River	20.64	29	Iamb	Iamb	P	11 55 29.8 0.0	
CHNA	Chernabura Isl	12.46 65 Pn	Pn	O20K	Slope Mountain	17.45	49	P	Pn	11 54 53.8 -0.5	F21K	Alatina River	20.64	29	P	P	P	11 55 29.8 0.0	
M13K	Dall Lake	12.93 38 P	Pn	H18K	Honhosa River	17.78	30	P	Pn	11 54 58.1 -0.1	NEA2	Nenana	20.75	38	Iamb	Iamb	P	11 55 37.0	
O14K	Tiguykaiuvet M	13.13 45 Pn	Pn	H18K	Honhosa River	17.78	30	P	Pn	11 54 57.8 -0.4	NEA2	Nenana	20.75	38	Iamb	Iamb	P	11 55 37.0	
O14K	Tiguykaiuvet M	13.13 45 Pn	Pn	F17K	Baldwin Pennin	17.90	24	P	P	11 54 59.5 -0.3	DHY	Denali Highway	20.75	38	P	Iamb	Iamb	11 55 31.4 +0.4	
N14K	Kuskokwak Cree	13.30 42 P	Pn	M20K	Styx River	17.91	43	P	P	11 54 59.6 -0.3	DHY	Denali Highway	20.75	38	P	Iamb	Iamb	11 55 31.4 +0.4	
N14K	Kuskokwak Cree	13.30 42 P	Pn	CNPM	China Poot	17.96	51	P	Iamb	11 55 00.3 -0.1	DHY	Denali Highway	20.75	38	P	Iamb	Iamb	11 55 31.4 +0.4	
GAMB	Gambell	13.35 15 P	Pn	CNPM	China Poot	17.96	51	P	Iamb	11 55 00.3 -0.1	DHY	Denali Highway	20.75	38	P	Iamb	Iamb	11 55 31.4 +0.4	
K13K	Kusilivak Mount	13.51 31 Pn	Pn	J19K	Poorman	17.98	35	P	P	11 55 00.3 -0.1	DHY	Denali Highway	20.75	38	P	Iamb	Iamb	11 55 31.4 +0.4	
K13K	Kusilivak Mount	13.51 31 Pn	Pn	J19K	Poorman	17.98	35	P	P	11 55 00.3 -0.1	DHY	Denali Highway	20.75	38	P	Iamb	Iamb	11 55 31.4 +0.4	
M14K	Bethel	13.68 38 P	Pn	J19K	Poorman	17.98	35	P	P	11 55 01.0 +0.1	EYAK	Yakutat Sky Ar	20.87	50	P	P	P	11 55 32.2 -0.2	
PET	Petrovlovsk	13.68 287 Pn	pmax	J19K	Poorman	17.98	35	P	P	11 55 01.0 +0.1	I23K	Minto, Yukon-K	20.89	36	P	Iamb	Iamb	11 55 32.7 +0.2	
PET	Petrovlovsk	13.68 287 Pn	pmax	J19K	Poorman	17.98	35	P	P	11 55 01.0 +0.1	I23K	Minto, Yukon-K	20.89	36	P	Iamb	Iamb	11 55 32.7 +0.2	
O15K	Ungalikthiuk R	13.74 46 Pn	Pn	GCSA	Galena City Sc	17.99	32	P	P	11 55 01.0 +0.1	I23K	Minto, Yukon-K	20.89	36	P	Iamb	Iamb	11 55 32.7 +0.2	
O15K	Ungalikthiuk R	13.74 46 Pn	Pn	SPU	Mount Spurr	18.10	46	P	P	11 55 01.9 -0.3	I23K	Minto, Yukon-K	20.89	36	P	Iamb	Iamb	11 55 32.7 +0.2	
L14K	Kuka Creek	13.78 35 P	P	BRLL	Bradley Lake	18.19	51	P	Iamb	11 55 02.2 -1.1	KLU	Klutina	21.01	47	P	P	P	11 55 34.0 0.0	
L14K	Kuka Creek	13.78 35 P	P	BRLL	Bradley Lake	18.19	51	P	Iamb	11 55 02.2 -1.1	M24K	Tolsona, Glenn	21.06	46	P	P	P	11 55 34.2 -0.2	
N15K	Kwethluk River	14.11 42 P	P	G18K	Tagagawik	18.20	28	P	Pn	11 55 03.6 +0.2	M24K	Tolsona, Glenn	21.06	46	P	P	P	11 55 34.2 -0.2	
N15K	Kwethluk River	14.11 42 P	P	G18K	Tagagawik	18.20	28	P	Pn	11 55 03.6 +0.2	M24K	Tolsona, Glenn	21.06	46	P	P	P	11 55 34.2 -0.2	
N15K	Kwethluk River	14.11 42 P	P	K20K	Teilda	18.21	38	P	Pn	11 55 04.2 +0.7	G22K	Bettes	21.07	31	P	P	P	11 55 34.2 -0.3	
M15K	Kasigluk River	14.15 40 P	Pn	K20K	Teilda	18.21	38	P	Pn	11 55 03.7 +0.1	WRH	Wood River Hil	21.07	39	P	P	P	11 55 33.1 -1.4	
R16K	Pilot Point	14.21 54 P	Pn	BRSE	Bradley Lake S	18.26	51	P	Pn	11 55 04.4 +0.3	CCB	Clear Creek Bu	21.26	38	P	P	P	11 55 35.1 -1.4	
PETK	Petrovlovsk	14.28 287 Pn	pmax	E17K	Hotham Inlet	18.26	22	P	Pn	11 55 04.5 +0.4	COLA	College	21.34	38	P	pmax	pmax	11 55 37.8 +0.6	
L15K	Ungalak Mounta	14.43 36 P	Pn	CAPN	Captain Cook N	18.37	47	P	Pn	11 55 05.8 +0.4	COLA	College	21.34	38	P	pmax	pmax	11 55 37.8 +0.6	
J14K	Nanvaranak Lak	14.46 30 P	Pn	BILL	Bilibino	18.41	343	P	Pn	11 55 05.8 +0.4	KAIM	Kayak Island	21.41	52	P	P	P	11 55 39.9 +0.7	
P16K	Nushagak River	14.53 49 Pn	Pn	BILL	Bilibino	18.41	343	P	Pn	11 55 05.8 +0.4	G23K	Bananza Creek	21.44	42	P	P	P	11 55 38.2 +0.7	
P16K	Nushagak River	14.53 49 Pn	Pn	BILL	Bilibino	18.41	343	P	Pn	11 55 05.8 +0.4	HDA	Harding Lake	21.50	39	P	Iamb	Iamb	11 55 38.7 -0.4	
O16K	Kokwok River B	14.72 46 P	Pn	F18K	Selawik	18.44	25	P	Pn	11 55 06.6 +0.4	HDA	Harding Lake	21.50	39	P	Iamb	Iamb	11 55 38.7 -0.4	
K15K	Wolf Creek Mou	14.81 34 P	Pn	D17K	Notatka River	18.48	20	P	Pn	11 55 07.0 +0.2	HDA	Harding Lake	21.50	39	P	Iamb	Iamb	11 55 38.7 -0.4	
K15K	Wolf Creek Mou	14.81 34 P	Pn	C16K	Lisburne Hills	18.54	16	P	Pn	11 55 07.0 +0.2	BMRM	Bremner River	21.51	49	P	P	P	11 55 39.7 +0.4	
N16K	Nishik Lake	14.83 43 P	Pn	J20K	Nowinta River	18.62	36	P	Pn	11 55 08.9 +0.5	HARP	HAARP	21.59	45	P	P	P	11 55 40.6 +0.5	
R17L	Mt. Peulik Vol	14.85 55 P	Pn	J20K	Nowinta River	18.62	36	P	Pn	11 55 08.9 +0.5	POKR	Poker Plat Res	21.60	37	P	P	P	11 55 40.4 +0.2	
PLK4	Peulik 4	14.85 55 Pn	Pn	H19K	Roundabout Mou	18.63	30	P	Pn	11 55 08.3 -0.3	PAX	Paxon	21.62	44	P	Iamb	Iamb	11 55 40.5 0.0	
Q16K	King Gaimon	15.03 51 P	Pn	SKT	Skwentna	18.64	44	P	Iamb	11 55 09.6 +0.9	PAX	Paxon	21.62	44	P	Iamb	Iamb	11 55 40.5 0.0	
M16K	Timber Creek	15.04 41 P	Iamb	SKT	Skwentna	18.64	44	P	Iamb	11 55 09.6 +0.9	PAX	Paxon	21.62	44	P	Iamb	Iamb	11 55 40.5 0.0	
M16K	Timber Creek	15.04 41 P	Iamb	SKT	Skwentna	18.64	44	P	Iamb	11 55 09.6 +0.9	PAX	Paxon	21.62	44	P	Iamb	Iamb	11 55 40.5 0.0	
L16K	Owhat River	15.21 38 P	Pn	SKT	Skwentna	18.64	44	P	Iamb	11 55 09.6 +0.9	PAX	Paxon	21.62	44	P	Iamb	Iamb	11 55 40.5 0.0	
L16K	Owhat River	15.21 38 P	Pn	SKT	Skwentna	18.64	44	P	Iamb	11 55 09.6 +0.9	PAX	Paxon	21.62	44	P	Iamb	Iamb	11 55 40.5 0.0	
O17K	Koiliganek Bris	15.25 47 P	Pn	SKT	Skwentna	18.64	44	P	Iamb	11 55 09.6 +0.9	PAX	Paxon	21.62	44	P	Iamb	Iamb	11 55 40.5 0.0	
Q17K	Contact Creek	15.28 53 P	Pn	SKT	Skwentna	18.64	44	P	Iamb	11 55 09.6 +0.9	PAX	Paxon	21.62	44	P	Iamb	Iamb	11 55 40.5 0.0	
P17K	Kvichak River	15.33 49 Pn	Pn	SKT	Skwentna	18.64	44	P	Iamb	11 55 09.6 +0.9	PAX	Paxon	21.62	44	P	Iamb	Iamb	11 55 40.5 0.0	
P17K	Kvichak River	15.33 49 Pn	Pn	SKT	Skwentna	18.64	44	P	Iamb	11 55 09.6 +0.9	PAX	Paxon	21.62	44	P	Iamb	Iamb	11 55 40.5 0.0	
ANM	Nome	15.36 23 Pn	Pn	SKT	Skwentna	18.64	44	P	Iamb	11 55 09.6 +0.9	PAX	Paxon	21.62	44	P	Iamb	Iamb	11 55 40.5 0.0	
ANM	Nome	15.36 23 Pn	Pn	SKT	Skwentna	18.64	44	P	Iamb	11 55 09.6 +0.9	PAX	Paxon	21.62	44	P	Iamb	Iamb	11 55 40.5 0.0	
ANM	Nome	15.36 23 Pn	Pn	SKT	Skwentna	18.64	44	P	Iamb	11 55 09.6 +0.9	PAX	Paxon	21.62	44	P	Iamb	Iamb	11 55 40.5 0.0	
N17K	Nushagak Hills	15.54 44 P	Iamb	SKT	Skwentna	18.64	44	P	Iamb	11 55 09.6 +0.9	PAX	Paxon	21.62	44	P	Iamb	Iamb	11 55 40.5 0.0	
N17K	Nushagak Hills	15.54 44 P	Iamb	SKT	Skwentna	18.64	44	P	Iamb	11 55 09.6 +0.9	PAX	Paxon	21.62	44	P	Iamb	Iamb	11 55 40.5 0.0	
ACHA	Angle Creek He	15.55 53 Pn	Pn	SKT	Skwentna	18.64	44	P	Iamb	11 55 09.6 +0.9	PAX	Paxon	21.62	44	P	Iamb			

Table with columns: Station ID, Name, Time, Day, Type, Frequency, etc. Includes stations like C23K, D24K, L27K, etc.

Table with columns: Station ID, Name, Time, Day, Type, Frequency, etc. Includes stations like H11N3, H11N1, MJAR, etc.

Table with columns: Station ID, Name, Time, Day, Type, Frequency, etc. Includes stations like KSH2, OBN, CMAR, etc.

RSPR 02 11:57:39.4, 17:93N-66:89W, h7km, MD2.5/12
SDD 02 11:57:39.6, 1.4, 17:90N-66:90W, h16km, 7km, MD2.9,
ML2.7, MW3.0, Presumed earthquake
NEIC 02 11:57:39.9, 1.1, 17:89N-66:86W, 0:009, h7km, 3km,
ML2.7/24, MD2.5/12(RSPR), 10C-3D, Error ellipse:
s-maj=4.5km s-min=1.2km az=174.0, Puerto Rico
region

Table with columns: Code, Station Name, Az, Az3, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GBPR, MPR, etc.

MA2	comp=Z,0.2nm,0.3s,baz=127,slow=20,SNR=1.3	LR	LR	12 14 55.0	
O22K	comp=Z,1.5nm,0.4s Cooper Landing comp=Z,46m,0.8s	18.96 49	I Amb	I Amb	12 08 29.6
O22K	Cooper Landing baz=254	18.96 49	P	P	12 08 16.6 -0.8
SEW	Seward baz=255	18.99 50	P	P	12 08 17.0 -0.7
C17K	DeLong Mountai baz=212	19.12 18	P	P	12 08 18.4 -0.7
H20K	Anotleneega Mo baz=293,SNR=17	19.13 32	P	P	12 08 18.9 -0.4
RC01	Rabbit Creek A baz=252	19.14 47	P	P	12 08 19.3 -0.1
CHUM	Lake Minchum baz=241,SNR=16	19.17 38	P	P	12 08 19.2 -0.4
M22K	Willow comp=Z,33nm,1.0s	19.18 45	P	P	12 08 19.3 -0.5
L22K	Petersville comp=Z,39nm,0.8s	19.19 42	I Amb	I Amb	12 08 21.4
SEY	Seymchan comp=Z,0.2nm,0.3s,baz=109,slow=12,SNR=8.3	19.24 319	P	P	12 08 19.9 -0.6
SEY	comp=Z,488nm,19.3s,baz=58,slow=36	12 15 19.7	LR	LR	
CUT	Chulitna comp=Z,41nm,0.7s	19.36 43	I Amb	I Amb	12 08 26.3
CUT	Chulitna baz=248	19.36 43	P	P	12 08 21.3 -0.3
KTH	Kantishna Hill comp=Z,74nm,1.0s	19.56 40	I Amb	I Amb	12 08 26.1
PMR	Palmer baz=251	19.57 46	P	P	12 08 23.8 -0.2
C18K	Utukok River baz=216,SNR=22	19.68 20	P	P	12 08 24.3 -0.9
E19K	Redstone River baz=225,SNR=27	19.72 25	P	P	12 08 25.2 -0.5
PWLK	Port Wells baz=254	19.73 48	P	P	12 08 25.2 -0.5
GHO	Glory Hole Cre comp=Z,71nm,1.3s	19.73 45	I Amb	I Amb	12 08 32.3
TRF	Thorofare Moun comp=Z,73nm,1.4s	19.77 40	I Amb	I Amb	12 08 32.2
BRF	Thorofare Moun baz=245	19.77 40	P	P	12 08 25.7 -0.7
PAW	Bear Paw Mtn. comp=Z,41nm,1.0s	19.79 38	I Amb	I Amb	12 08 29.2
BPW	Bear Paw Mtn. baz=242,SNR=21	19.79 38	P	P	12 08 25.4 -1.0
KNK	Knik Glacier baz=253	19.83 47	P	P	12 08 26.1 -0.8
H21K	Melozitna Rive comp=Z,42nm,1.1s	19.93 33	I Amb	I Amb	12 08 34.1
H21K	Melozitna Rive baz=296	19.93 33	P	P	12 08 26.7 -1.2
I21K	Tanana comp=Z,54nm,0.9s	19.96 35	I Amb	I Amb	12 08 31.3
I21K	Tanana baz=238,SNR=42	19.96 35	P	P	12 08 27.5 -0.7
P23K	Montague Islan baz=258	19.96 51	P	P	12 08 27.0 -1.3
SML	Sawmill baz=252	20.00 46	P	P	12 08 27.3 -1.5
G21K	Allakaket baz=233	20.20 30	P	P	12 08 29.8 -1.1
WAT1	Susitna Watana baz=249	20.25 43	P	P	12 08 30.1 -1.4
M23K	Glacier View baz=253	20.27 46	P	P	12 08 30.6 -1.1
RND	Reindeer comp=Z,23nm,0.7s	20.35 41	I Amb	I Amb	12 08 36.6
C19K	Lookout Ridge baz=218	20.39 20	P	P	12 08 32.2 -0.8
MCK	McKinley comp=Z,21nm,0.9s	20.44 40	P	P	12 08 33.2 -0.3
MCK	McKinley baz=246	20.44 40	P	P	12 08 32.6 -1.0
MCK	McKinley comp=Z,19nm,1.0s	20.44 40	P	P	12 08 32.6 -1.0
SCM	Sheep Creek Mo comp=Z,33nm,1.0s	20.47 46	I Amb	I Amb	12 08 38.3
SCM	Sheep Creek Mo baz=253	20.47 46	P	P	12 08 32.8 -1.1
WAT6	Susitna Watana baz=251,SNR=18	20.52 44	P	P	12 08 33.6 -0.8
H22K	Ishitalina Cre baz=238,SNR=14	20.55 33	P	P	12 08 33.8 -0.8
F21K	Alatna River baz=231,SNR=8.4	20.64 29	P	P	12 08 34.6 -1.1
NEA2	Nenana comp=Z,31nm,0.9s	20.76 38	I Amb	I Amb	12 08 43.2
NEA2	Nenana baz=244,SNR=27	20.76 38	P	P	12 08 36.1 -0.8
DHY	Denali Highway comp=Z,46m,0.8s	20.84 43	I Amb	I Amb	12 08 41.3
DHY	Denali Highway baz=250,SNR=22	20.84 43	P	P	12 08 37.0 -1.0
EYAK	Cordova Ski A baz=258	20.89 50	P	P	12 08 37.1 -1.2
I23K	Minto, Yukon-K baz=242,SNR=16	21.00 36	P	P	12 08 37.8 -0.6
KLU	Klutina comp=Z,37nm,1.2s	21.02 47	I Amb	I Amb	12 08 44.3
KLU	Klutina baz=256	21.02 47	P	P	12 08 39.1 -0.7
M24K	Tolsona, Glenn comp=Z,54nm,1.1s	21.07 46	I Amb	I Amb	12 08 44.0
M24K	Tolsona, Glenn baz=254	21.07 46	P	P	12 08 39.8 -0.5
G22K	Bettles baz=235	21.08 31	P	P	12 08 40.1 -0.2
CCB	Clear Creek Bu comp=Z,37m,1.4s	21.27 38	I Amb	I Amb	12 08 55.5
E21K	Kilikil River baz=228	21.30 26	P	P	12 08 42.5 -0.2
COLA	College comp=Z,21nm,0.9s	21.35 38	P	P	12 08 42.4 -0.8
COLA	College baz=251	21.35 38	P	P	12 08 44.1 +0.9
COLA	College comp=Z,21nm,0.9s	21.35 38	P	P	12 08 44.1 +0.9
COLA	College comp=Z,21nm,0.9s	21.35 38	P	P	12 08 42.4 -0.8
KAIM	Kayak Island baz=251	21.43 52	P	P	12 08 43.7 -0.4
G23K	Bananza Creek baz=238	21.45 32	P	P	12 08 44.1 -0.3
HDA	Harding Lake baz=247,SNR=8.4	21.51 39	P	P	12 08 44.5 -0.7
BMRM	Bremner River baz=258	21.52 49	P	P	12 08 44.5 -0.7
HARP	HAARP baz=254	21.61 45	P	P	12 08 45.2 -0.8
POKR	Poker Plat Res comp=Z,28nm,1.1s	21.61 37	I Amb	I Amb	12 08 48.9
POKR	Poker Plat Res baz=245,SNR=7.5	21.61 37	P	P	12 08 45.9 -0.1
PAX	Paxson baz=253,SNR=9.0	21.63 44	P	P	12 08 46.2 -0.2
B20K	Meade Rive baz=220	21.64 21	P	P	12 08 45.7 -0.5
N25K	Chitina, Valde comp=Z,28nm,1.1s	21.66 48	I Amb	I Amb	12 08 49.7
N25K	Chitina, Valde baz=257,SNR=5.8	21.66 48	P	P	12 08 46.3 -0.4
COLD	Coldfoot baz=236,SNR=19	21.68 31	P	P	12 08 46.6 -0.2
ILAR	Eielson Array comp=Z,3.3nm,0.8s,baz=241,slow=9.0,SNR=56	21.68 38	P	P	12 12 45.8 -0.5
ILAR	comp=Z,0.4nm,0.6s,baz=266,slow=3.1,SNR=2.0	12 16 23.3 +3.6	PcP	PcP	
ILAR	comp=Z,0.2nm,0.6s,baz=270,slow=3.0,SNR=4.3	12 16 23.3 +3.6	ScP	ScP	
E22K	Anaktuvuk Pass baz=232,SNR=17	21.71 28	P	P	12 08 46.7 -0.4
H24K	Noodor Dome baz=243,SNR=21	21.77 35	P	P	12 08 47.7 -0.1
K24K	Donnelly Dome comp=Z,29m,0.8s	21.77 41	I Amb	I Amb	12 08 08.4
K24K	Donnelly Dome baz=250,SNR=6.8	21.77 41	P	P	12 08 47.3 -0.5
GLB	Gilahina Butte comp=Z,25nm,1.1s	22.00 48	I Amb	I Amb	12 08 53.8
RIDG	Independent Ri baz=252	22.14 42	P	P	12 08 51.6 -0.2

CROE	Cirque baz=261	22.21 50	P	P	12 08 52.3 -0.4
J25K	Salcha River, baz=249	22.22 40	P	P	12 08 51.3 -1.4
G24K	Hadwenzic Riv baz=241	22.32 34	P	P	12 08 53.3 -0.3
E23K	Chandalar baz=236,SNR=5.7	22.33 29	P	P	12 08 53.6 -0.2
MCARA	McCarthy VSAT comp=Z,39m,0.8s	22.35 49	I Amb	I Amb	12 08 07.0
MCARA	McCarthy VSAT baz=259	22.35 49	P	P	12 09 53.1 -0.9
DOT	Dot Lake comp=Z,37m,0.9s	22.44 42	I Amb	I Amb	12 08 56.3
PRP	Porcupine Dome PRP baz=257	22.51 37	P	P	12 08 54.2 -1.6
PRP	Porcupine Dome PRP baz=247,SNR=9.4	22.51 37	P	P	12 08 54.5 -1.3
D23K	Nanushuk River comp=Z,14m,0.7s	22.56 27	I Amb	I Amb	12 08 57.9
D23K	Nanushuk River baz=232,SNR=22	22.56 27	P	P	12 08 55.8 -0.4
L26K	Log Cabin Wild comp=Z,21nm,0.9s	22.58 44	I Amb	I Amb	12 09 08.6
L26K	Log Cabin Wild baz=255,SNR=12	22.58 44	P	P	12 08 55.8 -0.7
SCRK	Sand Creek baz=252	22.58 42	P	P	12 08 54.6 -1.9
SCRK	Sand Creek baz=252	22.58 42	P	P	12 08 55.1 -1.4
M26K	Nabesna, AK baz=257	22.58 46	P	P	12 08 55.7 -0.8
F24K	Squaw Lake comp=Z,41nm,0.9s	22.59 31	I Amb	I Amb	12 08 59.5
F24K	Squaw Lake baz=239,SNR=64	22.59 31	P	P	12 08 56.2 -0.4
TOLK	Toolik Lake Re baz=204	22.68 28	P	P	12 08 56.7 -0.9
E24K	You Creek baz=237	22.70 30	P	P	12 08 57.9 +0.3
B22K	Teshhepuk Lake baz=226,SNR=10	22.75 22	P	P	12 08 57.8 -0.3
A21K	Barrow baz=219	22.77 19	P	P	12 08 57.5 -0.8
G25K	Bearman Lake baz=243	22.83 34	P	P	12 08 58.0 -1.0
A22K	Sinclair Lake baz=222	22.87 20	P	P	12 08 59.2 -0.2
J26L	Joseph Creek baz=251	22.92 41	P	P	12 08 58.9 -1.2
M27K	Edge Creek, AK baz=251	23.08 46	I Amb	I Amb	12 09 03.7
M27K	Edge Creek, AK baz=258	23.08 46	P	P	12 09 00.5 -1.3
CTG	Chitna Glacier baz=262	23.09 50	P	P	12 09 01.0 -0.9
C23K	Itkillik River comp=Z,40nm,1.0s	23.12 25	I Amb	I Amb	12 09 04.5
C23K	Itkillik River baz=231,SNR=23	23.12 25	P	P	12 09 02.3 +0.3
D24K	Happy Valley comp=Z,31nm,0.9s	23.20 27	P	P	12 09 02.8 0.0
L27K	Beaver Creek, baz=257	23.26 45	P	P	12 09 02.9 -0.5
BCAR	Beaver Creek A Pinnac baz=255	23.28 45	P	P	12 09 03.2 -0.4
PINM	Pinnacle baz=255	23.52 52	P	P	12 09 05.9 -0.1
BVCY	Beaver Creek baz=259,SNR=16	23.56 46	P	P	12 09 06.4 +0.1
C24K	Franklin Bluff baz=254	23.57 26	P	P	12 09 06.3 0.0
O28M	Mount Upton baz=264	23.62 51	P	P	12 09 06.3 -0.9
YUK3	Moose Creek comp=Z,31nm,1.2	23.63 48	P	P	12 09 06.5 -0.7
E25K	Arctic Village comp=Z,36nm,1.1s	23.66 31	I Amb	I Amb	12 09 09.5
E25K	Arctic Village baz=241,SNR=27	23.66 31	P	P	12 09 07.8 +0.7
BMAR	Burnt Mountain Porcupine Riv comp=Z,37nm,1.0s	23.74 35	I Amb	I Amb	12 09 07.4 +0.1
G26K	Porcupine Riv baz=245,SNR=15	23.74 35	P	P	12 09 08.4 +0.5
TYV	Tymovskoe comp=Z,12nm,0.9s	23.77 284	eP	eP	12 09 10.3 +2.0
TYV	TYV comp=Z,200nm,4.6s		pmx	pmx	
YUK8	Steele Glacier baz=263	23.89 49	P	P	12 09 09.2 -0.5
D25K	Kavik River baz=263	24.02 28	P	P	12 09 10.4 -0.2
I27K	Kandik River baz=251	24.06 39	P	P	12 09 10.6 -0.3
H27K	Steamboat Moun baz=250	24.30 37	P	P	12 09 12.6 -0.5
O29M	Mout Kennedy baz=266	24.38 52	P	P	12 09 13.5 -0.5
YUK4	Talbot Ar baz=264	24.43 49	P	P	12 09 14.7 +0.1
YUK6	Outpost Mounta baz=265	24.53 50	P	P	12 09 15.0 -0.5
DAWY	Dawson baz=245	24.55 43	P	P	12 09 15.2 -0.3
DAWY	Dawson baz=245	24.55 43	P	P	12 09 15.2 -0.3
M29M	Somme Creek baz=262,SNR=9.0	24.66 47	P	P	12 09 16.6 +0.1
UGL	Uglegorsk I28M Miner Creek baz=254	24.66 281	eP	eP	12 09 18.1 +1.6
I28M	Miner Creek baz=254	24.68 39	P	P	12 09 18.1 -0.5
C26K	Camden Bay baz=238	24.77 28	P	P	12 09 17.5 +0.2
L92M	L29M baz=261,SNR=10	24.92 51	P	P	12 09 18.6 -0.2
HYT	Haines Junctio comp=Z,50nm,2.0s	24.94 51	P	P	12 09 18.9 -0.2
HYT	Haines Junctio baz=266	24.94 51	I Amb	I Amb	12 09 26.2
C27K	Jago River baz=240	24.98 29	P	P	12 09 19.0 -0.3
YSS	Yuzhno-Sakhali comp=Z,1.1nm,1.1s	25.01 275	eP	eP	12 09 16.0 -3.7
YSS	YSS comp=Z,30nm,0.8s		pmx	pmx	12 13 35.1 -5.5
YSS	YSS comp=Z,400nm,13.0s		MLR	MLR	
YSS	YSS comp=N,500nm,14.0s		MLR	MLR	
YSS	YSS comp=E,400nm,15.0s		MLR	MLR	
I29M	Ogilvie Cam comp=Z,27nm,1.4s	25.31 40	I Amb	I Amb	12 09 22.2
I29M	Ogilvie Cam baz=256,SNR=11	25.31 40	P	P	12 09 21.6 -0.7
K29M	Barlow Dome baz=2				

Table with columns: ICAO, Name, Altitude, Frequency, Mode, and other flight details. Includes entries like YHL Hebgren Lake, YHB Horse Butte, YMR Madis River, etc.

Table with columns: ICAO, Name, Altitude, Frequency, Mode, and other flight details. Includes entries like TASM ASI Pad, TASM ASI Pad, TASM ASI Pad, etc.

Table with columns: ICAO, Name, Altitude, Frequency, Mode, and other flight details. Includes entries like 742A Van Buren, IVI Ivigtut, FCAR Ozark Folk Cen, etc.

2020 JAN

Table with columns: Station Name, Time, Azimuth, Elevation, Signal Strength, and other parameters. Includes stations like M2K Minsk, MNK Minsk, CHGR Chuyangaron, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Signal Strength, and other parameters. Includes stations like MUKU Mukachevo, RCHB Rochefort, VRAC Vranov, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Signal Strength, and other parameters. Includes stations like BRTR Keskin Array B, BRTR Keskin Array A, BR105 Keskin Array S, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like COEN, MTSU, JAY, GENI, LHI, ARMA, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like URZ, URZ, RTZ, MWZ, PUZ, BKZ, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like YULB, YULB, NACB, NACB, MJAR, etc.

TYV		eS	S	14 00 15.2 +2.0
TYV	comp=Z,40nm,1.1s	pmax	pmax	
TYV	comp=Z,400nm,4.6s	pmax	pmax	
TYV	comp=N,600nm,5.9s	smax	smax	
TYV	comp=E,400nm,5.9s	smax	smax	
TSI	Tuntungan	62.43 279	P	13 51 52.1 +0.3
	comp=E,4um,comp=E,137nm,1.4s	62.46 335	↑P	
BNX	BinXian	62.46 335	↑P	13 51 51.6 +0.2
BNX			pP	13 52 01.0 -2.8
BNX	comp=E,49nm,1.1s		pmax	
PET	Petropavlovsk	62.55 359	P	13 51 50.4 -1.4
PET	Petropavlovsk	62.55 359	eP	13 51 52.6 +0.8
PET			S	14 00 19.7 +2.2
PET	comp=Z,68nm,1.4s		pmax	
PET			MLR	MLR
ENH	Enshi	62.63 311	P	13 51 52.8 -0.1
PEA0B	Petropavlovsk	62.66 359	eP	13 51 52.8 +0.3
PETK	Petropavlovsk	62.66 359	P	13 51 52.6 +0.1
PETK	comp=Z,47nm,0.9s,baz=157,slow=5,SNR=44		LR	14 15 01.4
PETK	comp=Z,555nm,21.7s,baz=149,slow=32		LR	
PETK	Petropavlovsk	62.66 359	P	13 51 52.0 -0.5
SURA	Surathani	62.80 286	P	13 51 55.8 +1.5
LYN	LuoYang	62.87 317	↑P	13 51 54.4 0.0
LYN	comp=Z,32nm,1.3s		pmax	
LYN	comp=Z,350nm,9.6s		LR	LR
LYN	comp=Z,490nm,14.8s		LR	LR
LYN	comp=Z,560nm,17.8s		LR	LR
GSI	Gunungsitoli	62.94 276	P	13 51 55.1 -0.1
GSI	Gunungsitoli	62.94 276	P	13 51 55.3 +0.1
GSI	Gunungsitoli	62.94 276	P	13 51 55.2 -0.1
HNS	HongShan	63.13 321	↑P	13 51 56.7 +0.7
HNS			S	14 00 31.2 +5.8
HNS	comp=Z,37nm,1.6s		pmax	
HNS	comp=Z,280nm,20.7s		LR	LR
HNS	comp=Z,450nm,18.1s		LR	LR
KCSI	Kotaane, Aceh	63.21 279	P	13 51 55.6 -1.4
KCSI	comp=Z,328nm,comp=Z,36nm,0.7s		P	
SHEM	Shemys Is, Ala	63.44 10	LR	14 15 49.6
SHEM	comp=Z,370nm,20.0s,baz=222,slow=32		LR	
RKT	Rikitei	63.48 111	eLQ	14 07 43.7
RKT	comp=Z,2um,38.0s		eLR	14 10 59.6
GRNR	Gornyy	63.63 344	↑P	13 52 00.3 +1.2
GRNR	comp=Z,20nm,1.2s		pmax	
GRNR	comp=N,250nm,17.0s		MLR	MLR
GRNR	comp=Z,410nm,16.0s		MLR	MLR
BJI2	Beijing	63.92 324	P	13 52 01.4 +0.2
BJI2			S	13 52 13.5 -0.2
BJI2	comp=Z,8.0nm,1.2s		pmax	
BJI2	comp=Z,130nm,16.8s		LR	LR
BJI2	comp=Z,100nm,14.7s		LR	LR
BJI2	comp=Z,230nm,23.6s		LR	LR
BJT	Baijiatatau	63.92 324	P	13 52 02.6 +1.4
ADK	Adak	64.66 16	P	13 52 04.7 -1.0
ADK	Adak	64.66 16	P	13 52 04.7 -1.0
ADK			pmax	
MLSI	Meulaboh, Aceh	64.70 279	P	13 52 06.6 -0.3
XAN	Xi'an	65.03 315	↑P	13 52 08.6 0.0
XAN			pP	13 52 13.8 -3.9
XAN			S	14 00 48.9 -0.3
XAN	comp=Z,67nm,0.7s		pmax	
XAN	comp=Z,180nm,8.2s		pmax	
XAN	comp=Z,520nm,18.0s		LR	LR
XAN	comp=Z,460nm,22.0s		LR	LR
XAN	comp=Z,630nm,24.9s		LR	LR
CASY	Casey	65.53 200	P	13 52 11.3 +0.1
KMI2	Kunming	65.53 303	↑P	13 52 13.9 +1.6
KMI2	comp=Z,65nm,1.4s		pmax	
KMI2	comp=Z,260nm,5.5s		pmax	
KMI2	comp=Z,330nm,24.9s		LR	LR
KMI2	comp=Z,340nm,15.8s		LR	LR
KMI2	comp=Z,410nm,27.9s		LR	LR
HEH	HeiHe	66.12 338	eP	13 52 15.4 +0.2
HEH			S	13 52 24.4 -3.3
HEH			S	14 01 03.9 +2.2
HEH	comp=Z,47nm,0.9s		pmax	
HEH	comp=Z,480nm,17.8s		LR	LR
HEH	comp=Z,350nm,17.6s		LR	LR
HEH	comp=Z,800nm,21.0s		LR	LR
CMAR	Chiang Mai Arr	66.28 295	P	13 52 17.6 +0.6
CMAR	comp=Z,11nm,0.7s,baz=124,slow=5.0,SNR=94		LR	14 19 38.6
CMAR	comp=Z,96nm,21.5s,baz=110,slow=35		LR	
CMAR	Chiang Mai Arr	66.28 295	P	13 52 17.1 +0.1
CMAR	Chiang Mai Arr	66.28 295	eP	13 52 18.2 +1.2
CMAR			pmax	
CHTO	Chiang Mai	66.41 295	P	13 52 18.6 +0.8
CHTO	Chiang Mai	66.41 295	P	13 52 18.7 +0.9
CHTO	Chiang Mai	66.41 295	P	13 52 18.6 +0.8
XLT	XILinHaoTe	66.53 327	eP	13 52 18.9 +0.7
XLT			S	13 52 29.1 -1.6
XLT			PcP	13 52 49.8 +2.3
XLT	comp=Z,79nm,1.1s		pmax	
XLT	comp=Z,330nm,16.6s		LR	LR
XLT	comp=Z,420nm,16.2s		LR	LR
PZH	PanZhiHua	66.91 304	P	13 52 21.3 +0.3
PZH			pmax	
HHC	Hu-ho-hao-te	67.17 322	↑P	13 52 23.3 +0.9
HHC			pmax	
HHC	comp=Z,20nm,1.1s		pmax	
HHC	comp=Z,96nm,6.6s		LR	LR
HHC	comp=Z,170nm,15.2s		LR	LR
HHC	comp=Z,190nm,14.2s		LR	LR
HHC	comp=Z,250nm,18.2s		LR	LR
CD2	Chengdu	67.25 309	P	13 52 23.4 +0.4
CD2			pP	13 52 32.3 +0.2
CD2			S	13 52 35.5 -0.1
CD2			PP	13 54 51.6 0.0
CD2			S	14 01 15.9 -0.5
CD2	comp=Z,110nm,0.7s		pmax	
CD2	comp=Z,200nm,4.3s		pmax	
CD2	comp=Z,500nm,13.1s		LR	LR

CD2	comp=Z,420nm,15.8s	LR	LR	
CD2	comp=Z,590nm,17.2s	LR	LR	
VNDA	Vanda	67.74 180	P	13 52 26.3 +1.1
VNDA	comp=Z,18nm,0.7s,baz=340,slow=6.5,SNR=60		LR	14 17 04.4
VNDA	comp=Z,723nm,20.2s,baz=354,slow=32		LR	
VNDA	Vanda	67.74 180	P	13 52 26.1 +0.9
VNDA	comp=Z,18nm,0.7s		IAMB	13 52 28.0
VNDA	comp=Z,23nm,0.8s		P	13 52 26.1 +0.9
VNDA	Vanda	67.74 180	P	13 52 26.1 +0.9
VNDA	comp=Z,23nm,0.8s		pmax	
NIKH	Nikolski High	67.97 20	P	13 52 26.7 -0.2
NIKH	baz=213		P	
BTO2	Baotou	68.14 321	eP	13 52 29.4 +0.9
BTO2			S	13 52 39.9 -1.3
BTO2			S	13 52 43.7 +6.0
BTO2			S	14 01 25.5 -1.4
BTO2	comp=Z,40nm,1.1s		pmax	
BTO2	comp=Z,280nm,5.1s		pmax	
HILR	Hailar Array B	68.70 333	P	13 52 32.8 +1.1
HILR	comp=Z,20nm,0.7s,baz=140,slow=7.0,SNR=23		LR	14 23 02.9
HILR	comp=Z,127nm,18.1s,baz=115,slow=36		LR	
TNCH	TengChong	69.00 312	↑P	13 52 35.3 +1.1
TNCH			pP	13 52 43.4 +0.3
TNCH			S	13 52 50.5 +3.6
TNCH			S	14 01 33.2 -4.5
TNCH			S	14 01 49.7 -2.9
TNCH			SS	14 05 58.9 -5.2
TNCH	comp=Z,48nm,1.0s		pmax	
TNCH	comp=Z,190nm,6.5s		LR	LR
TNCH	comp=Z,190nm,5.4s		LR	LR
TNCH	comp=Z,140nm,5.0s		LR	LR
ZEA	Zeya	69.03 340	eP	13 52 35.0 +1.4
ZEA	comp=N,30nm,0.8s		pmax	
ZEA	comp=E,10.0nm,0.8s		pmax	
ZEA	comp=Z,80nm,0.8s		pmax	
UNV	Unaslaka Valle	69.49 21	P	13 52 36.3 -0.1
UNV	comp=Z,16nm,0.7s		LR	14 22 14.6
MA2	Magadan	69.50 355	LR	14 22 14.6
MA2	comp=Z,282nm,19.9s,baz=153,slow=35		LR	
MA2	Magadan	69.50 355	P	13 52 36.3 0.0
MA2	Magadan	69.50 355	eP	13 52 35.7 -0.6
MA2	Magadan	69.50 355	eP	
MA2	comp=Z,172nm,2.5s		pmax	
MA2	Magadan	69.50 355	P	13 52 36.1 -0.2
MA2	comp=Z,82nm,0.9s		P	
LZH	Lanzhou	69.65 314	↑P	13 52 39.5 +1.5
LZH			pP	13 52 47.7 -2.9
LZH	comp=Z,52nm,1.3s		pmax	
LZH	comp=Z,440nm,14.1s		LR	LR
LZH	comp=Z,320nm,13.7s		LR	LR
LZH	comp=Z,580nm,13.7s		LR	LR
LZDM	Lanzhou Array	69.69 314	P	13 52 39.0 +0.5
LZDM	comp=Z,275nm,20.5s,baz=134,slow=6.4,SNR=14		LR	14 21 33.2
LZDM	comp=Z,28nm,0.8s,baz=285,slow=34		LR	
P08K	Saint George I	70.81 17	P	13 52 44.2 -0.2
P08K	comp=Z,275nm,20.5s,baz=134,slow=6.4,SNR=14		LR	14 21 33.2
SPIA	Saint Paul Isl	71.10 17	P	13 52 45.5 -0.7
SPIA	comp=Z,275nm,20.5s,baz=134,slow=6.4,SNR=14		LR	14 21 33.2
FALS	False Pass	71.39 21	P	13 52 47.1 -0.9
FALS	comp=Z,275nm,20.5s,baz=134,slow=6.4,SNR=14		LR	14 21 33.2
S12K	Black Hills	72.54 21	P	13 52 53.9 -1.0
S12K	comp=Z,275nm,20.5s,baz=134,slow=6.4,SNR=14		LR	14 21 33.2
SEY	Seymchan	72.71 356	LR	14 22 59.9
SEY	comp=Z,297nm,20.7s,baz=164,slow=34		LR	
SEY	Seymchan	72.71 356	eP	13 52 54.7 -1.0
SEY			pmax	
CHNA	Chernabura Isl	72.81 23	P	13 52 55.4 -1.1
CHNA	comp=Z,86nm,1.7s		pmax	
SDPT	Sand Point	72.85 22	P	13 52 55.9 -0.9
SDPT	comp=Z,86nm,1.7s		pmax	
CIT	Chita	73.23 332	eP	13 52 49.4 -1.0
CIT			e	13 53 20.2
CIT			pmax	
ULN	Ulanbaatar	73.93 326	eP	13 53 03.0 -0.5
ULN	comp=Z,110nm,1.9s		pmax	
ULN	Ulanbaatar	73.93 326	eP	13 53 04.6 +1.1
GTA2	Gaotai	74.11 316	↑P	13 53 06.1 +1.4
GTA2	comp=Z,152nm,21.8s,baz=140,slow=35		pP	13 53 14.9 -2.5
GTA2			S	
GTA2	comp=Z,72nm,0.8s		pmax	
GTA2	comp=Z,410nm,15.9s		LR	LR
GTA2	comp=Z,410nm,17.1s		LR	LR
GTA2	comp=Z,500nm,18.7s		LR	LR
BRDH	Barhadhala	74.12 297	LR	14 24 11.0
BRDH	comp=Z,152nm,21.8s,baz=140,slow=35		LR	
SONM	Songino Array	74.27 326	P	13 53 06.6 +1.1
SONM	comp=Z,20nm,0.8s,baz=136,slow=5.3,SNR=88		LR	14 27 57.6
SONM	comp=Z,237nm,18.0s,baz=100,slow=38		LR	
SONM	comp=Z,20nm,0.8s		LR	
SONM	Songino Array	74.27 326	P	13 53 05.5 0.0
SONM	comp=Z,63nm,1.3s		IAMB	13 53 07.8
SONM	Songino Array	74.27 326	P	13 53 05.5 0.0
SONM	comp=Z,63nm,1.3s		pmax	
M11K	Mekoryuk	74.95 17	P	13 53 07.9 -0.9
M11K	comp=Z,63nm,1.3s		P	
YAK	Yakutsk	75.33 346	LR	14 25 33.0
YAK	comp=Z,377nm,20.1s,baz=120,slow=35		LR	
YAK	Yakutsk	75.33 346	P	13 53 10.2 -0.9
YAK	Yakutsk	75.33 346	eP	13 53 15.8 +0.4
YAK	Yakutsk	75.33 346	ePP	13 53 15.8 -4.4
YAK			e	13 53 24.7
YAK			e	13 55 59.7
YAK			eS	14 02 50.8 +2.3
YAK			eS	14 03 23.7
YAK			eSS	14 07 41.1 +1.9
YAK	comp=Z,81nm,0.8s		pmax	
YAK	comp=N,9.0nm,0.9s		pmax	
YAK	comp=E,9.0nm,0.9s		pmax	
YAK	comp=Z,177nm,5.7s		pmax	
YAK	comp=N,148nm,2.7s		pmax	
YAK	comp=E,142nm,3.6s		pmax	
YAK	comp=E,102nm,3.3s		smax	smax
YAK	comp=N,27nm,2.8s		smax	smax
YAK	comp=N,27nm,2.8s		MLR	MLR
O14K	comp=N,261nm,15.0s		IAMB	IAMB
O14K	Tiguykaiuet M	75.56 19	P	13 53 14.2
O14K	comp=Z,35nm,0.9s		P	
O14K	Tiguykaiuet M	75.56 19	P	13 53 11.0 -1.4
R16K	Pilot Point	75.58 22	P	13 53 11.4 -1.2
R16K	comp=Z,229nm,1.7s		P	
M13K	Dall Lake	75.81 18	P	13 53 13.1 -0.7
M13K	comp=Z,229nm,1.7s		P	
N14K	Kuskokwak Cree	75.94 19	P	13 53 13.5 -1.1
N14K	comp=Z,229nm,1.7s		P	
O15K	Ungalikthiuk R	75.98 20	P	13 53 13.9 -1.0
O15K	comp=Z,229nm,1.7s		P	
R17L	Mt. Peulik Vol	76.08 23	P	13 53 14.6 -1.0

SII	Sitkinak Islan	76.19 24	P	13 53 14.9 -1.2
SII	comp=Z,21.0nm,0.8s		P	
GOMU	GeErMu	76.25 311		

QSPA	comp=Z,8.8nm,0.8s	80.22	180	P	I	13 53 39.1	+0.5	NEA2	comp=Z,26nm,0.8s	83.40	20	P	P	13 53 54.9	-0.2	PLBC	Pleasant Camp	85.57	27	P	P	13 54 06.8	+0.7	
QSPA	South Pole Qui			I	Amb	13 53 41.0		GLB	comp=Z,18nm,1.0s	83.42	24	I	Amb	I	13 54 07.8		P30M	Million Dollar	85.61	27	P	P	13 54 07.4	+1.0
M20K	comp=Z,57nm,1.6s	80.23	21	P	P	13 53 38.2	-0.3	HARP	HAARP	83.45	23	P	P	13 53 55.3	-0.1	F24K	Squaw Lake	85.63	18	I	Amb	I	13 54 09.2	
H17K	Granite Mounta	80.34	16	P	P	13 53 38.9	0.0	D19K	Kuna River	83.50	14	I	Amb	I	13 54 10.9		F24K	Squaw Lake	85.63	18	P	P	13 54 07.7	+1.4
SLKM	Skilak Lake	80.37	23	I	Amb	13 53 40.2		D19K	Kuna River	83.50	14	P	P	13 53 55.9	+0.4	U33K	Whale Pass	85.66	31	P	P	13 54 07.6	+1.0	
SEW	Seward	80.40	23	P	P	13 53 38.8	-0.6	H22K	Ishlantina Cre	83.51	18	I	Amb	I	13 54 08.4		HYT	Haines Junctio	85.61	26	P	P	13 54 07.7	+0.7
O22K	Cooper Landing	80.54	23	P	P	13 53 39.6	-0.5	H22K	Ishlantina Cre	83.51	18	I	Amb	I	13 53 57.1	+0.1	G25K	Bearman Lake	85.72	19	P	P	13 54 07.8	+1.1
G17K	Kiwalik Mounta	80.57	16	P	P	13 53 40.1	-0.1	C19K	Lookout Ridge	83.62	14	P	P	13 53 57.1	+1.0	D23K	Nanushuk River	85.76	16	P	P	13 54 08.5	+1.6	
PALK	Pallekele	80.60	279	P	I	13 53 43.3	+1.8	WRH	Wood River Hill	83.65	20	I	Amb	I	13 53 57.1		E24K	Your Creek	85.80	17	P	P	13 54 08.3	+1.1
PALK	Pallekele	80.60	279	P	I	13 53 43.3	+1.8	I23K	Minto, Yukon-K	83.66	19	P	P	13 53 56.9	+0.5	TOLK	Toolik Lake Re	85.85	16	P	P	13 54 08.8	+1.4	
KNGR	comp=Z,19nm,0.8s	80.68	325	i	P	13 53 41.4	+0.2	PAX	Paxson	83.67	22	P	P	13 53 56.9	+0.4	R32K	Eaglecrest	85.89	29	P	P	13 54 08.8	+1.0	
KNGR	Kungurtug, Tutv			p	max	13 53 41.4	+0.2	MAW	Mawson	83.69	203	P	P	13 53 56.9	+0.3	A21K	Barrow	85.95	13	P	P	13 54 08.8	+1.0	
SUA	comp=Z,14nm,1.0s	80.79	22	P	P	13 53 41.5	-0.1	MAW	Mawson	83.69	203	P	P	13 53 56.9	+0.3	B22K	Teshkepak Lake	85.99	14	P	P	13 54 09.1	+1.1	
SUA	Susitna One	80.79	22	P	P	13 53 40.8	-0.8	MCARA	McCarthy VSAT	83.70	24	P	P	13 53 56.9	+0.2	SKAG	Skagway	86.04	28	P	P	13 54 09.3	+0.8	
SKT	Skwentna	80.85	21	P	P	13 53 41.2	-0.6	F21K	Alatina River	83.80	17	P	P	13 53 57.4	+0.3	A22K	Sinclair Lake	86.09	13	P	P	13 54 09.0	+0.6	
J19K	Poorman	80.89	18	P	P	13 53 42.0	+0.1	TIXI	Tiksi	83.81	351	LR	LR	14 30 47.9		M29M	Somme Creek	86.10	24	P	P	13 54 09.8	+0.9	
RC01	Rabbit Creek A	80.92	22	I	Amb	13 53 43.9		TIXI	Tiksi	83.81	351	LR	LR	14 30 47.9		V35K	Ketchikan	86.13	32	P	P	13 54 09.8	+0.9	
RC01	Rabbit Creek A	80.92	22	P	P	13 53 41.6	-0.5	TIXI	Tiksi	83.81	351	LR	LR	14 30 47.9		N30M	Aishkik Lake	86.19	25	P	P	13 54 10.6	+1.4	
H18K	Honhosa River	80.93	17	P	P	13 53 41.5	-0.6	TIXI	Tiksi	83.81	351	LR	LR	14 30 47.9		DGZ	Jazzator, Alta	86.25	322	i	P	13 54 10.1	+0.2	
K20K	Telida	80.93	19	I	Amb	13 53 44.4		CCB	Clear Creek Bu	83.86	20	I	Amb	I	13 53 57.9		DGZ	Jazzator, Alta	86.25	322	i	P	13 54 10.1	+0.2
K20K	Telida	80.93	19	P	P	13 53 41.6	-0.5	COLA	College	83.98	20	P	P	13 53 57.9	-0.1	R30N	Mendenhall	86.30	26	P	P	13 54 11.1	+1.4	
GCSA	Galena City Sc	81.06	17	P	P	13 53 42.1	-0.6	COLA	College	83.98	20	P	P	13 53 57.5	-0.5	OPN	Rapa Nui	86.35	117	LR	LR	14 24 23.8		
P23K	Montague Islan	81.14	24	P	P	13 53 41.7	-1.6	COLA	College	83.98	20	i	P	13 53 58.2	+0.2	C23K	comp=Z,181nm,21.8s	86.36	15	I	Amb	I	13 54 22.3	
F17K	Baldwin Pennin	81.15	15	P	P	13 53 43.0	-0.1	COLA	College	83.98	20	P	P	13 53 57.8	-0.2	C23K	Itkillik River	86.36	15	P	P	13 54 11.2	+1.4	
M22K	Willow	81.21	22	P	P	13 53 43.2	-0.4	HDA	Harding Lake	84.01	20	I	Amb	I	13 53 59.3		C23K	Itkillik River	86.36	15	P	P	13 54 11.2	+1.4
PPLA	Purkeville	81.24	20	P	P	13 53 43.2	-0.8	HDA	Harding Lake	84.01	20	P	P	13 53 58.6	+0.4	F25K	Christian River	86.36	18	P	P	13 54 10.9	+1.0	
PWL	Port Wells	81.31	23	I	Amb	13 53 45.9		HDA	Harding Lake	84.01	20	P	P	13 53 58.6	+0.4	D24K	Happy Valley	86.39	16	I	Amb	I	13 54 26.0	
PWL	Port Wells	81.31	23	P	P	13 53 43.6	-0.6	K24K	Donnelly Dome	84.05	21	I	Amb	I	13 54 01.9		D24K	Happy Valley	86.39	16	P	P	13 54 11.3	+1.3
G18K	Tagagawik	81.41	16	P	P	13 53 44.7	+0.1	WMQ	Urumsq	84.11	316	eP	p	13 53 59.9	+0.6	I27K	Kandik River	86.55	21	I	Amb	I	13 54 24.0	
PMR	Palmer	81.47	22	I	Amb	13 53 46.5		WMQ	Urumsq	84.11	316	eP	p	13 53 59.9	+0.6	I27K	Kandik River	86.55	21	P	P	13 54 12.3	+1.4	
PMR	Palmer	81.47	22	P	P	13 53 45.6	+0.6	WMQ	Urumsq	84.11	316	eP	p	13 53 59.9	+0.6	DAWY	Dawson	86.55	23	I	Amb	I	13 54 24.2	
PMR	Palmer	81.47	22	P	P	13 53 45.3	+0.3	WMQ	Urumsq	84.11	316	eP	p	13 53 59.9	+0.6	DAWY	Dawson	86.55	23	P	P	13 54 12.3	+1.3	
J20K	Novinta River	81.48	19	P	P	13 53 45.2	+0.2	WMQ	Urumsq	84.11	316	eP	p	13 53 59.9	+0.6	L29M	L29M	86.56	24	I	Amb	I	13 54 24.2	
E17K	Hotham Inlet	81.51	14	P	P	13 53 45.4	+0.3	WMQ	Urumsq	84.11	316	eP	p	13 53 59.9	+0.6	L29M	L29M	86.56	24	P	P	13 54 12.1	+1.0	
CUT	Chulitna	81.58	21	I	Amb	13 53 46.4		G22K	Bettles	84.16	17	P	P	13 53 59.6	+0.7	G26K	Porcupine River	86.57	19	I	Amb	I	13 54 24.4	
CUT	Chulitna	81.58	21	P	P	13 53 45.3	0.0	CTG	Chitna Glacier	84.16	25	P	P	13 53 59.2	-0.1	G26K	Porcupine River	86.57	19	P	P	13 54 12.6	+1.8	
KNK	Knik Glacier	81.61	22	I	Amb	13 53 48.5		PINM	Pinnacle	84.17	26	P	P	13 53 59.5	+0.4	G26K	Porcupine River	86.57	19	P	P	13 54 12.6	+1.8	
KNK	Knik Glacier	81.61	22	P	P	13 53 45.8	0.0	ILR1	Eielson Arroy	84.25	20	P	P	13 53 58.9	-0.5	BMAR	Burnt Mountain	86.59	19	P	P	13 54 12.7	+1.6	
GHO	Glory Hole Cre	81.66	22	I	Amb	13 54 01.8		ILAR	Eielson Arroy	84.25	20	P	P	13 53 58.9	-0.5	E25K	Arctic Village	86.65	18	I	Amb	I	13 54 12.5	+1.0
C16K	Lisburne Hills	81.68	12	P	P	13 53 46.4	+0.5	ILAR	Eielson Arroy	84.25	20	P	P	13 53 58.9	-0.5	O02D	Mt. Diolo Mer	86.75	48	I	Amb	I	13 54 26.5	
F18K	Selawik	81.68	15	P	P	13 53 46.2	+0.2	ILAR	Eielson Arroy	84.25	20	P	P	13 53 58.9	-0.5	N31M	Braeburn, Yuko	86.76	26	P	P	13 54 13.0	+1.0	
D17K	Noatak River	81.70	13	P	P	13 53 46.4	+0.3	ILAR	Eielson Arroy	84.25	20	P	P	13 53 58.9	-0.5	WHY	Whitehorse	86.78	27	P	P	13 54 13.4	+1.1	
H19K	Roundabout Mou	81.75	17	I	Amb	13 54 02.5		ILAR	Eielson Arroy	84.25	20	P	P	13 53 58.9	-0.5	C24K	Franklin Bluff	86.79	16	I	Amb	I	13 54 27.7	
H19K	Roundabout Mou	81.75	17	P	P	13 53 47.1	+0.7	ILAR	Eielson Arroy	84.25	20	P	P	13 53 58.9	-0.5	C24K	Franklin Bluff	86.79	16	P	P	13 54 13.5	+1.6	
I20K	Naaghedeneel	81.81	18	I	Amb	13 54 03.3		ILAR	Eielson Arroy	84.25	20	P	P	13 53 58.9	-0.5	P32M	Atlin	86.84	28	P	P	13 53 15.3	+1.1	
I20K	Naaghedeneel	81.81	18	P	P	13 53 46.8	+0.1	ILAR	Eielson Arroy	84.25	20	P	P	13 53 58.9	-0.5	M30M	Minto, Yukon	86.84	24	P	P	13 54 14.0	+1.6	
CHUM	Lake Minchumin	81.86	19	P	P	13 53 47.2	+0.2	ILAR	Eielson Arroy	84.25	20	P	P	13 53 58.9	-0.5	BBB	Bella Bella	86.90	36	LR	LR	14 26 08.8		
SML	Sawmill	81.90	22	I	Amb	13 53 59.9		ILAR	Eielson Arroy	84.25	20	P	P	13 53 58.9	-0.5	H27K	Steamboat Moun	86.92	20	I	Amb	I	13 54 25.1	
SML	Sawmill	81.90	22	P	P	13 53 46.9	-0.5	ILAR	Eielson Arroy	84.25	20	P	P	13 53 58.9	-0.5	H27K	Steamboat Moun	86.92	20	P	P	13 54 14.4	+1.7	
G19K	Purcell Mounta	82.02	16	I	Amb	13 53 49.5		ILAR	Eielson Arroy	84.25	20	P	P	13 53 58.9	-0.5	I28M	Miner Creek	87.06	21	I	Amb	I	13 54 55.7	
G19K	Purcell Mounta	82.02	16	P	P	13 53 48.7	+0.9	ILAR	Eielson Arroy	84.25	20	P	P	13 53 58.9	-0.5	I28M	Miner Creek	87.06	21	P	P	13 54 15.0	+1.5	
RDOG	Red Dog Mine	82.03	13	I	Amb	13 54 00.6		ILAR	Eielson Arroy	84.25	20	P	P	13 53 58.9	-0.5	ZSN	Zaisan	87.15	319	eP	P	13 54 14.3	0.0	
RDOG	Red Dog Mine	82.03	13	P	P	13 53 48.2	+0.4	ILAR	Eielson Arroy	84.25	20	P	P	13 53 58.9	-0.5	ZSN	Zaisan	87.15	319	P	P	13 54 14.3	0.0	
KTH	Kantishna Hill	82.11	20	I	Amb	13 53 49.0		ILAR	Eielson Arroy	84.25	20	P	P	13 53 58.9	-0.5	K29M	Barlow Dome	87.16	23	I	Amb	I	13 54 27.1	
M23K	Glacier View	82.12	22	P	P	13 53 48.3	-0.2	ILAR	Eielson Arroy	84.25	20	P	P	13 53 58.9	-0.5	K29M	Barlow Dome	87.16	23	P	P	13 54 15.6	+1.6	
EYAK	Cordova Ski Ar	82.14	24	P	P	13 53 48.3	-0.2	ILAR	Eielson Arroy	84.25	20	P	P	13 53 58.9	-0.5	D25K	Kavik River	87.18	17	I	Amb	I	13 54 25.8	
H20K	Anotleneega Mo	82.18	17	P	P	13 53 48.5	-0.2	ILAR	Eielson Arroy	84.25	20	P	P	13 53 58.9	-0.5	D25K	Kavik River	87.18	17	P	P	13 54 14.7	+0.8	
TRF	Thorefore Moun	82.25	20	I	Amb	13 53 51.2		ILAR	Eielson Arroy	84.25	20	P	P	13 53 58.9	-0.5	G27K	Doyon Strip	87.19	20	I	Amb	I	13 54 26.4	
TRF	Thorefore Moun	82.25	20	P	P	13 53 49.1	-0.2	ILAR	Eielson Arroy	84.25	20	P	P	13 53 58.9	-0.5	G27K	Doyon Strip	87.19	20	P	P	13 54 15.4	+1.4	
SCM	Sheep Creek Mo	82.29	22	P	P	13 53 49.3	-0.2	ILAR	Eielson Arroy	84.25	20	P	P	13 53 58.9	-0.5	J29N	Klondike Camp	87.19	23	P	P	13 54 14.9	+0.8	
C17K	DeLong Mountai	82.31	13	P	P	13 53 49.9	+0.6	ILAR	Eielson Arroy</															

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Babbage River, Makanchi, Zalesovo Beam, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Pinedale Array, Borovoye, SNAIA, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Marneleto, Vila Bisbo, Torodi Arr. Bea, etc.

NNC 02 13:56:30.0, 4.4, 70N:79:32E, h0km, mb3.5, mpv3.4, Error ellipse: s-maj=5.3km s-min=3.3km az=91.0

SOME 02 13:56:32.2, 44.70N:79:40E, h20km, ISC 02 13:56:30.4, 1.3, 44.78N:0.03:79.46E, 0.04, h5km, 11km, n32, e088/51, 10C-2D, Eastern Kazakhstan

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KNOS, KAPS, TDK, etc.

IDC 02 14:02:56.1, 3.3, 33.00S:178:20W, h0km, mb4.2/4, mbmp4.2/5, ML3.9/1, Error ellipse: s-maj=53.3km s-min=25.9km az=143.0

ISC 02 14:03:01.9, 1.2, 32.38S:0.1:178.4W:0.2, h35km, n11, e186/12, mb4.1/4, South of Kermadec Islands

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

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Makanchi Array, KHC, ZVC, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like DGZ, GAT2, KLMR, ZAAO, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like TX31, TXAR, TXAR, etc.

2020 JAN

2d 18h

Table with columns for station name, frequency, power, and coordinates. Includes stations like JOG3, JKEN, JNTK, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like YSS, INCN, MDJ, etc.

Table with columns for station name, frequency, power, and coordinates. Includes stations like BJL2, BJL1, BJL3, etc.

2d 18h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like ZAAO, ZALV, ZSN, ZANM, etc.

2020 JAN

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like E17K, F17K, G17K, etc.

136

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like SII, I20K, UZB, etc.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like TNS5 Tian-Shan, BRK1 Bradley Lake, SUA Susitna One, etc.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like BRCl Bahraich, LHMI Lhok Sumawe, SCM Sheep Creek Mo, etc.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like N25K Chitina, Valde, SCRK Sand Creek, BMRM Bremner River, etc.

2d 18h

2020 JAN

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like YUK3, JHNI, SONA, BRLS, DAWY, E29M, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like SVE, P30M, CHGR, QIS, N31M, O30N, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like LIRD, ALE, KARAD, EIDS, SPA0, SPB2, etc.

2d 18h

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like NB2, NOA, FCC, RAO, etc.

2020 JAN

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GKP, VARL, SHIU, etc.

140

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

2d 19h

Table of astronomical observations for 2d 19h, listing object names (e.g., P38A Dawn), coordinates, and various parameters.

2020 JAN

Table of astronomical observations for 2020 JAN, listing object names (e.g., V48A Smith Brothers), coordinates, and various parameters.

142

Table of astronomical observations for 142, listing object names (e.g., SYO Dymba), coordinates, and various parameters.

TAP 02 18:31:57.8, 24°54'N-121°83'E, h7km, ML1.4, 2C-2D, B,

Table of astronomical observations for TAP 02, listing object names (e.g., ESao Su ao), coordinates, and various parameters.

JMA 02 18:32:51.0, 2.243°N, 0°5'123'8E, 0.6, h18km, 2km,

Table of astronomical observations for JMA 02, listing object names (e.g., Code Station Name), coordinates, and various parameters.

IDC 02 18:42:48.4, 2.0, 5.745, 147°36'E, h0km, mb3.4/2,

Table of astronomical observations for IDC 02, listing object names (e.g., Code Station Name), coordinates, and various parameters.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KARAI, MSAI, AAI, NLAJ, etc.

IDC 02 19:08:36.5:1.1, 58.69N:156.22W, h159km, 11km, mb3.5/19, mbtmp4, 0/23, Error ellipse: s-maj=16.7km...

Main station list table for the left column, including stations like King Salmon, Contact Creek, Angle Creek, etc.

Main station list table for the middle column, including stations like Kasigluk River, Kusokwak Cree, Kuskokwak Cree, etc.

Main station list table for the right column, including stations like Yellowknife Ar, Yellowknife Wh, Mina Array Bea, etc.

IDC 02 19:49:03.4:1.3, 30.144S:72.33W, h0km, mb3.9/2, mbtmp3.8/7, ML3.9/5, Error ellipse: s-maj=35.0km...

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Fray Jorge, Fray Jorge, La Serena, etc.

2d 20h

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, h, m, s, ISC, Time, Res. Includes stations like Combarbal, El Pedregal, Juntas del Tor, Los Peladeros, etc.

2020 JAN

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, h, m, s, ISC, Time, Res. Includes stations like La Punta, Maricunga, Maricunga, etc.

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Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, h, m, s, ISC, Time, Res. Includes stations like KURBB, GERES, WRA, ASAR, CATAC, etc.

Table with columns: Code, Name, Value, Unit, and other details. Includes entries like EMPR Esperanza - Ma, IDE Isla Desecheo, GPCR Guaynabo City, etc.

Table with columns: Code, Name, Value, Unit, and other details. Includes entries like SLB Belford, MCLT Moule a Chique, SVB Belmont, etc.

Table with columns: Code, Name, Value, Unit, and other details. Includes entries like N41A Harden Midland, PDRB Porto dos Gac, L42A Serra Nova Dou, etc.

2d 20h

YKA	Yellowknife Ar	55.50 335 P	P	20 51 36.5 -0.2
YKA	Yellowknife Ar	55.50 335 P	P	20 51 36.5 -0.2
YKAW3	Yellowknife Wh	55.53 335 IAmB	IAmB	20 51 36.7 -0.3
PBAR	Barrancos	55.61 56 eP	P	20 51 42.0 +4.0
MVO	Monorco	55.87 52 eP	P	20 51 44.0 +4.1
SUMG	Summit	57.16 10 IAmB	IAmB	20 51 50.2 +1.3
SUMG	Summit	57.16 10 iP	P	20 51 50.3 +1.3
MDT	Midelt	57.47 62 LR	LR	20 12 12.4
H10N3	ASCENSION HYDR57.61 112 T		T	21 54 21.3
H10N2	ASCENSION HYDR57.62 112 T		T	21 54 21.6
H10N1	ASCENSION HYDR57.63 112 T		T	21 54 22.4
ESDC	Sonsa Array	58.09 54 P	P	20 51 55.7 +0.1
ESDC	LR		LR	21 11 01.4
PLCA	Paso Flores	58.34 183 P	P	20 51 57.5 +0.3
PLCA	Paso Flores	58.34 183 P	P	20 51 57.5 +0.3
KOTAN	Kotaneleele Air	58.58 30 P	P	20 51 59.7 +1.1
TOAD	Toad River Com	58.73 329 P	P	20 51 59.7 0.0
WRGLY	Wrigley	59.45 334 IAmB	IAmB	20 52 06.0
WRGLY	Wrigley	59.45 334 P	P	20 52 05.1 +0.5
NEEM	North Greenlan	60.19 4 eP	P	20 52 05.8 -4.0
U35K	Hyder	60.46 325 P	P	20 52 11.9 +0.2
EKA	Esksdalemir Ar	60.60 36 P	P	20 52 11.4 -1.3
EKA	Esksdalemir Ar	60.60 36 P	P	20 52 11.4 -1.3
T35M	Bob Quinn	60.81 326 P	P	20 52 13.7 -0.4
WTLY	Watson Lake, Y	60.84 330 P	P	20 52 14.3 +0.1
V35K	Ketchikan	61.23 324 P	P	20 52 17.7 +0.8
DBIC	Dimbokro	61.33 92 P	P	20 52 17.3 -1.0
DBIC	Dimbokro	61.33 92 P	P	20 52 17.3 -1.0
DBIC	Dimbokro	61.33 92 P	P	20 52 15.1 -3.2
DBIC	Dimbokro	61.33 92 P	P	20 52 15.1 -3.2
S34M	Telegraph Cree	61.48 327 P	P	20 52 19.1 +0.5
R33M	Jennings River	61.72 328 P	P	20 52 20.2 -0.2
CRAG	Craig	62.10 324 P	P	20 52 23.2 +0.4
C36M	Paulatuk	62.16 340 P	P	20 52 23.2 +0.3
U33K	Whale Pass	62.20 325 P	P	20 52 23.4 0.0
Q32M	Nakina River	62.28 328 P	P	20 52 24.1 -0.1
P33M	Teslin, Yukon	62.81 329 IAmB	IAmB	20 52 35.7
P33M	Teslin, Yukon	62.81 329 P	P	20 52 27.8 +0.2
P32M	Atlin	63.13 328 P	P	20 52 30.0 +0.2
N32M	Quiet Lake	63.14 330 P	P	20 52 29.1 -0.6
S32K	Killsnoo	63.21 326 P	P	20 52 30.2 0.0
R32K	Eaglecrest	63.31 327 P	P	20 52 30.8 -0.1
SIT	Sitka	63.55 325 P	P	20 52 32.1 -0.4
A36M	Sachs Harbour	63.64 343 P	P	20 52 32.1 -0.6
WHY	Whitehorse	63.90 329 P	P	20 52 34.8 -0.1
SKAG	Skagway	63.92 328 P	P	20 52 34.4 -0.5
M31M	Drury Creek, Y	63.96 331 P	P	20 52 35.1 0.0
S31K	Pelican	64.16 326 P	P	20 52 36.5 +0.1
PLBC	Pleasant Camp	64.44 328 P	P	20 52 38.2 0.0
N31M	Braeburn, Yuko	64.48 330 P	P	20 52 38.6 0.0
O30N	Mendenhall	64.51 329 P	P	20 52 39.0 +0.2
H31M	Peel River	64.72 335 IAmB	IAmB	20 52 44.6
H31M	Peel River	64.72 335 P	P	20 52 39.8 -0.2
P30M	Million Dollar	64.84 329 P	P	20 52 41.0 +0.1
F31M	Tsighehtic	64.88 337 IAmB	IAmB	20 52 43.9
F31M	Tsighehtic	64.88 337 P	P	20 52 41.2 +0.2
G31M	Satah River	64.95 336 IAmB	IAmB	20 52 42.4
G31M	Satah River	64.95 336 P	P	20 52 41.5 +0.1
INK	Inuvik	65.02 338 P	P	20 52 41.9 0.0
N30M	Aishikik Lake	65.09 330 P	P	20 52 43.0 +0.5
M30M	Minto, Yukon	65.13 331 P	P	20 52 43.4 +0.6
P29M	Windy Craggy	65.16 328 P	P	20 52 43.9 +0.9
HYT	Haines Junctio	65.20 329 P	P	20 52 43.2 -0.2
J30M	Hart River	65.28 334 P	P	20 52 44.1 +0.3
I30M	Mount Dempster	65.42 334 IAmB	IAmB	20 52 50.4
I30M	Mount Dempster	65.42 334 P	P	20 52 44.8 0.0
YUK6	Outpost Mounta	65.63 329 P	P	20 52 46.2 -0.1
O29M	Mount Kennedy	65.66 329 P	P	20 52 46.7 +0.3
K29M	Barlow Dome	65.67 333 P	P	20 52 46.7 +0.3
F30M	Barrier River	65.68 337 IAmB	IAmB	20 52 47.2
F30M	Barrier River	65.68 337 P	P	20 52 46.3 +0.1
EPYK	Eagle Plains	65.78 335 P	P	20 52 47.0 +0.1
YUK4	Talbot Arm	65.82 330 P	P	20 52 47.1 -0.4
L29M	L29M	65.82 332 IAmB	IAmB	20 52 52.8
L29M	L29M	65.82 332 P	P	20 52 47.6 +0.3
M29M	Somme Creek	65.88 331 IAmB	IAmB	20 52 53.2
M29M	Somme Creek	65.88 331 P	P	20 52 47.7 -0.1
TORD	Torodi Ar. Bea	65.89 83 P	P	20 52 48.0 -0.4
J29N	Klondike Camp	66.06 333 P	P	20 52 49.4 +0.6
I29M	Ogilvie Camp,	66.25 334 P	P	20 52 50.6 +0.7
YUK8	Steele Glacier	66.35 330 P	P	20 52 51.4 +0.4
G29M	Pine Creek	66.40 336 IAmB	IAmB	20 52 52.2

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G29M	Pine Creek	66.40 336 P	P	20 52 51.6 +0.8
H29M	Whitestone	66.41 335 IAmB	IAmB	20 52 52.3
H29M	Whitestone	66.41 335 P	P	20 52 51.4 +0.5
PINM	Pinnacle	66.47 328 P	P	20 52 52.1 +0.6
DAWY	Dawson	66.52 333 IAmB	IAmB	20 52 53.1
DAWY	Dawson	66.52 333 P	P	20 52 51.7 0.0
E29M	Blower River	66.62 338 IAmB	IAmB	20 52 53.0
E29M	Blower River	66.62 338 P	P	20 52 52.2 0.0
YUK3	Moose Creek	66.73 330 P	P	20 52 53.7 +0.4
I28M	Miner Creek	66.93 334 P	P	20 52 54.8 +0.4
BVCY	Beaver Creek	66.98 331 P	P	20 52 55.2 +0.5
CTG	Chitna Glacier	67.08 329 P	P	20 52 56.1 +0.7
D28M	Stokes Point	67.10 339 P	P	20 52 55.7 +0.6
F28M	Old Crow	67.22 337 IAmB	IAmB	20 52 57.1
F28M	Old Crow	67.22 337 P	P	20 52 56.2 +0.1
E28M	Babbage River	67.25 338 IAmB	IAmB	20 52 56.1
E28M	Babbage River	67.25 338 P	P	20 52 55.5 -0.7
M27K	Edge Creek, AK	67.45 331 IAmB	IAmB	20 53 04.5
M27K	Edge Creek, AK	67.45 331 P	P	20 52 58.3 +0.6
BCAR	Beaver Creek A	67.47 332 P	P	20 52 58.7 +1.0
L27K	Beaver Creek	67.49 332 IAmB	IAmB	20 52 60.0
L27K	Beaver Creek	67.49 332 P	P	20 52 58.2 +0.4
I27K	Kandik River	67.65 334 P	P	20 52 59.3 +0.5
H27K	Steamboat Moun	67.68 335 IAmB	IAmB	20 53 14.3
H27K	Steamboat Moun	67.68 335 P	P	20 52 59.3 +0.2
K27K	Chicken	67.69 333 IAmB	IAmB	20 53 02.5
G27K	Doyon Strip	67.80 336 IAmB	IAmB	20 53 00.7
G27K	Doyon Strip	67.80 336 P	P	20 52 59.9 +0.1
D27M	Malcolm River	67.86 338 IAmB	IAmB	20 53 05.4
D27M	Malcolm River	67.86 338 P	P	20 53 00.3 +0.1
MCARA	McCarthy VSAT	67.92 330 P	P	20 53 00.2 -0.4
E27K	Coleen River	67.95 337 IAmB	IAmB	20 53 01.6
E27K	Coleen River	67.95 337 P	P	20 53 00.2 -0.4
M26K	Nabesna, AK	67.97 331 P	P	20 53 01.5 +0.5
L26K	Log Cabin Wild	68.17 331 P	P	20 53 02.3 +0.1
DAVA	Damuel's	68.18 46 eP	pP	20 53 05.2 +1.5
J26L	Joseph Creek	68.37 333 IAmB	IAmB	20 53 07.6
J26L	Joseph Creek	68.37 333 P	P	20 53 04.0 +0.5
FUORN	Olenpass-Fuorn	68.48 46 IAmB	IAmB	20 53 06.4 +1.7
FUORN	Olenpass-Fuorn	68.48 46 P	P	20 53 10.5
SCRK	Sand Creek	68.52 332 P	P	20 53 04.7 +0.3
G26K	Porcupine River	68.65 336 IAmB	IAmB	20 53 06.2
G26K	Porcupine River	68.65 336 P	P	20 53 04.8 -0.2
BMRM	Bremner River	68.67 329 P	P	20 53 04.8 -0.6
N25K	Chitina, Valde	68.69 330 P	P	20 53 05.1 -0.4
RETA	Reutte	68.77 45 iPP	pP	20 53 10.3 +3.1
FETA	Feichten	68.77 46 eP	P	20 53 06.4 0.0
KEST	Kesra	68.78 58 P	P	20 53 07.3 +0.8
KEST	Kesra	68.78 58 IAmB	IAmB	20 53 12.7
NOA	NORSP Array B	68.80 31 P	P	20 53 06.8 +0.6
F26K	Sheenjek River	68.85 336 IAmB	IAmB	20 53 12.3
F26K	Sheenjek River	68.85 336 P	P	20 53 06.1 -0.2
C27K	Jago River	68.88 339 IAmB	IAmB	20 53 07.9
C27K	Jago River	68.88 339 P	P	20 53 06.4 -0.1
RIDG	Independent RI	68.89 332 P	P	20 53 06.8 +0.1
HARP	HARP	68.98 331 P	P	20 53 07.4 +0.2
SQTA	Sankt Quirin	69.08 46 eP	pP	20 53 12.3 +2.9
PAX	Paxson	69.14 331 IAmB	IAmB	20 53 10.0
PAX	Paxson	69.14 331 P	P	20 53 08.2 -0.1
J25K	Salcha River	69.16 333 IAmB	IAmB	20 53 12.8
J25K	Salcha River	69.16 333 P	P	20 53 08.3 0.0
EYAK	Cordova Ski Ar	69.22 329 P	P	20 53 08.4 -0.3
PRP	Porcupine Dome	69.26 334 P	P	20 53 09.0 -0.1
K24K	Donnelly Dome	69.31 332 P	P	20 53 09.0 -0.2
C26K	Camden Bay	69.32 339 P	P	20 53 09.5 +0.3
KLU	Klutina	69.32 330 IAmB	IAmB	20 53 14.9
KLU	Klutina	69.32 330 P	P	20 53 09.8 +0.4
WTTA	Wattenberg	69.37 45 iPP	pP	20 53 12.2 +1.0
F25K	Christian River	69.42 336 P	P	20 53 10.4 +0.5
E25K	Arctic Village	69.42 337 IAmB	IAmB	20 53 11.4
E25K	Arctic Village	69.42 337 P	P	20 53 09.9 +0.1
M24K	Tolsona, Glenn	69.45 330 P	P	20 53 10.5 +0.3
G25K	Bearman Lake	69.55 335 P	P	20 53 11.0 +0.4
D25K	Kavik River	69.79 338 IAmB	IAmB	20 53 18.1
D25K	Kavik River	69.79 338 P	P	20 53 12.2 +0.1
IL31	comp=Z,16nm,1.2s	69.81 333 IAmB	IAmB	20 53 17.5
ILAR	Eielson Array	69.81 333 P	P	20 53 12.1 -0.3
ILAR	Eielson Array	69.81 333 LR	LR	21 25 01.5
ILAR	Eielson Array	69.81 333 P	P	20 53 12.2 -0.1
HDA	Harding Lake	69.83 333 IAmB	IAmB	20 53 17.6
HDA	Harding Lake	69.83 333 P	P	20 53 12.8 +0.4
SCM	Sheep Creek Mo	69.99 330 P	P	20 53 13.6 0.0
ABTA	Abfattersbach	70.01 46 eP	P	20 53 13.4 -0.5
DHY	Denali Highway	70.01 331 P	P	20 53 13.9 +0.2

HFS	Hagfors	70.02 32 P	P	20 53 14.5 +0.8
POKR	Poker Plat Res	70.05 334 P	P	20 53 14.7 +0.9
P23K	Montague Islan	70.05 328 P	P	20 53 13.2 -0.7
LESA	Schwarzleotal	70.06 45 iPP	pP	20 53 16.3 +0.9
G24K	Hadweencin Riv	70.10 335 IAmB	IAmB	20 53 20.0
G24K	Hadweencin Riv	70.10 335 P	P	20 53 14.2 +0.1
WAT6	Susitna Watana	70.18 331 P	P	20 53 19.9 0.0
M23K	Glacier View	70.18 330 P	P	20 53 14.5 -0.1
CCB	Clear Creek Bu	70.20 333 IAmB	IAmB	20 53 14.9 +0.2
COLA	College	70.23 333 P	P	20 53 15.8 +1.0
COLA	College	70.23 333 P	P	20 53 15.3 +0.5
H24K	Noodor Dome	70.25 334 IAmB	IAmB	20 53 16.8
H24K	Noodor Dome	70.25 334 P	P	20 53 15.3 +0.3
F24K	Squaw Lake	70.28 336 IAmB	IAmB	20 53 17.0
F24K	Squaw Lake	70.28 336 P	P	20 53 15.6 +0.4
WRH	Wood River Hill	70.33 333 IAmB	IAmB	20 53 17.7
SML	Sawmill	70.47 330 P	P	20 53 16.6 +0.2
PWL	Port Wells	70.49 329 P		

Table with columns: Station Name, Time, Res, h, m, s, ISC. Includes stations like A21K Barrow, Q19K Cape Douglas, F20K Avaraart Lake, etc.

Table with columns: Station Name, Time, Res, h, m, s, ISC. Includes stations like M11K Mekoryuk, FALS False Pass, MLR Alutale Rosu, etc.

Table with columns: Station Name, Time, Res, h, m, s, ISC. Includes stations like HUMP Col San Antoni, HUMP Col San Antoni, NEIC 02 20:59:25.9, etc.

Table with columns: MRKS, eS, Sb, Time, Res. Includes entries for SALK, SALK, KK31, KK31.

CNRM 02 22:05:06.1, 35.64N, 1.14W, h2km, ML2.6
MDD 02 22:05:08.6, 0.8, 35.43N, 1.04W, h16km, 10km,
mb_L2g, 6.2/5, Error ellipse: s-maj=10.9km s-min=3.5km
az=147.0

CRAAG 02 22:05:08.6, 35.40N, 1.12W, M3.1, Algrie 03km NW
El-Malah
ISC 02 22:05:07.2, 1.6, 35.58N, 1.03, 1.11W, 0.03, h6km, 12km,
n34, c1905/57, 1C, Northern Algeria

Main table for 2020 JAN with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Ouhaca, USTO, OSBL, ODJA, etc.

ISC 02 22:05:35.1, 3, 33.20S, 178.36W, h0km, mb3.9/2,
mbtmp3.8/3, ML3.4/1, Error ellipse: s-maj=78.5km
s-min=49.1km az=125.0, South of Kermadec Islands

Table for South of Kermadec Islands with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like URZ, URZ, ASAR, WRA, etc.

ISC 02 22:09:20.8, 1.7, 2.54S, 129.00E, h0km, mb3.4/3,
mbtmp3.6/5, ML3.9/2, Error ellipse: s-maj=126.4km
s-min=23.7km az=72.0

Table for Indonesia with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRAI, MSAI, MSAI, etc.

Table for ASAR Alice Springs with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for ASAR, ASAR, MKAR, KURBB.

ISC 02 22:14:45.8, 3.1, 19.47N, 95.36E, h0km, mb3.6/3,
mbtmp3.4/4, ML2.9/1, Error ellipse: s-maj=68.3km
s-min=23.5km az=37.0, Myanmar

Table for Chiang Mai Arr with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for CMAR, CMAR, MKAR, SONMI, KURBB.

KRSC 02 22:16:39.9, 0.5, 54.52N, 168.87E, h59km, 16km, MI3.8,
Komandorsky Islands region

Table for Bering with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for BKI, KBTR, SMAR, UGLR, KRER, AVH, KRX, KOK.

ISC 02 22:21:54.3, 17.0, 41.33N, 19.27E, h0km, mb3.4/2,
mbtmp3.1/4, ML2.2/2, Error ellipse: s-maj=34.4km
s-min=21.1km az=34.0

BE0 02 22:21:58.8, 0.7, 41.45N, 19.47E, h0km, ML2.8/5
SKO 02 22:21:58.1, 41.49N, 19.15E, h4km, ML3.0
TIR 02 22:21:59.9, 41.63N, 19.31E, h43km, 4km, MI3.2/7

PDG 02 22:22:01.6, 0.2, 41.59N, 19.39E, h21km, ML2.7/11, Error
ellipse: s-maj=0.3km s-min=1.2km az=0.0
THE 02 22:22:02.9, 41.15N, 19.19E, h26km, ML2.9/18, MLh2.9/18
ISC 02 22:22:01.1, 0.9, 41.54N, 0.02, 19.40E, 0.02, h22km, 3km,
n84, c1251/129, 11C-13D, Albania

Main table for Albania with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TIR, TIR, TIR, ULC, SDA, SDA, DRME, DRME, DRME, BUM, BUM, BUM, etc.

ISC 02 22:22:04.6, 1.1, 17.90N, 0.05, 66.81W, 0.02, h14km, 6km,
n34, c0849/55, 6C-8D, Puerto Rico region

Main table for Puerto Rico region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GBPR, GBPR, GBPR, MLPR, MLPR, MLPR, etc.

Main table for Puerto Rico region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KNT, BOVS, BOVS, BOVS, etc.

NEIC 02 22:25:40.7, 0.7, 17.90N, 0.04, 66.80W, 0.01, h8km, 5km,
ML3.2/22, MD3.0/14(RSPR), Error ellipse: s-maj=5.5km
s-min=1.6km az=180.0

RSPR 02 22:25:41.1, 17.91N, 66.82W, h7km, MD3.0/14
ISC 02 22:25:41.1, 17.90N, 0.05, 66.81W, 0.02, h14km, 6km,
n34, c0849/55, 6C-8D, Puerto Rico region

Main table for Puerto Rico region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CRPR, CRPR, CRPR, CRPR, CRPR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for CTA Charters Tower, ASAR Alice Springs, WRA Warramunga Arr, MJAR Matsushiro Arr, TXAR Lajitas Array.

OSPL 02:23:21.26.8.0.3, 17.85N, 0.66:89W, h21km, 4m, ML3.1, Presumed earthquake. NEIC 02:23:21.26.6.1.0, 17.90N, 0.05:66:84W, 0.009, h13km, 4km, ML3.2 (12:RSR), Error ellipse: s-maj=7.2km s-min=1.3km az=182.0.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for GBPR Guanica, Bosqu, MLPR Magueyes Islan, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cerrillos, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for LSP Las Mesas, UJPR Utuado, UPR, P, PRSN Puerto Rico Se, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for PRSN Puerto Rico Se, PRSN Puerto Rico Se, AOPR Areobico Observ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for AGPR Aguadilla, PR, AGPR Aguadilla, PR, AGPR Aguadilla, PR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for SJG San Juan, SJG San Juan, SJG San Juan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for GYNG Yonagunijima, YOJ Yonaguni jima, YOJ Yonaguni jima, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for JISG Ishigakijimahi, JISG Datong, NACB Ninganchiao, etc.

RSNC 02:22:47.46.2.0.4, N.1.7, W.1.7, h98km, 3km, M2.9, mB4.0, mb4.0, ML2.6, Mw(mb)3.0, Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for JAMC Jamundi, Valle, YOTC Yotoco, Valle, YOTC Yotoco, Valle, etc.

IDC 02:22:50:26.9.0.36:29S:52:39E, h0km, mb3.7/6, mbmp3.7/6, Error ellipse: s-maj=38.3km s-min=24.4km az=10.0. ISC 02:22:50:28.5.0.9:36:3S:0.2:52:4E:0.2, h10km, n14, e093.8, mb3.9/5, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for H04N1 CROZET ISLANDS, H04N2 CROZET ISLANDS, H04N3 CROZET ISLANDS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for ASAR Alice Springs, WRA Warramunga Arr, ILAR Lajitas Array, YKA Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for CHKT Chengkung, CHKT Chingkuang, HGSD Ruisui, EOS4 EOS4, FULB Fuli, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for ETM Tongmen, TWD Chiawan, ELDTW Lidau, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for ETL Fush Village, ETL ETL, ETL ETL, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for JYNG Yonagunijima, JYNG Yonagunijima, JYNG Yonagunijima, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for EAST Anshuo, EAST Anshuo, EAST Anshuo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for SMLT Sun Moon Lake, SMLT Sandimen, SMLT Sandimen, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for WJSD Wusheng, WJSD Wusheng, WJSD Wusheng, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for WJSD Wusheng, WJSD Wusheng, WJSD Wusheng, etc.

JMA 02:24:42.20.9.0.3, 25.1N, 122.9E, 1.0, h101km, 3km, MV1.5/1.1, NW OFF ISHIGAKIJIMA IS. TAP 02:24:42.21.2.24:74N:122:92E, h101km, ML2.6, D. ISC 02:24:42.21.9.1.6, 24.67N, 0.08:122:92E:0.03, h101km, 10km, n42, e094.60, Taiwan region

JMA 02:23:09:53.2.0.2, 23.1N, 1.1, 122.6E:0.7, h44km, MV3.6/17, FAR S OFF ISHIGAKIJIMA IS. TAP 02:23:09:54.2, 22.96N, 122:52E, h56km, 1km, ML3.7, D. ISC 02:23:09:51.2.1.7, 22.95N, 0.03:122:57E:0.03, h17km, 13km, n125, e1905/209, 3C-9D, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for ECBN Changbin, CHKH Chenggong, CHKH Chenggong, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for WJSD Wusheng, WJSD Wusheng, WJSD Wusheng, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Taichung, Shuangxi, Wufeng Townshi, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like QSPA, QSPA, MG05, etc.

KRSC 02 23:11:26.7-1.3, 59.04N-158.57E, h21km, 11km, M4.5

IDC 02 23:11:29.8-0.7, 58.90N-159.05E, h0km, mb3.8/1.4

MOS 02 23:11:29.5-0.9, 58.88N-158.96E, h12km, mb4.0/3, Error ellipse: s-maj=14.8km s-min=10.9km az=17.0

NEIC 02 23:11:31.4-1.9, 58.88N-158.96E, h10km, mb4.1/4.1, Error ellipse: s-maj=12.6km s-min=11.4km az=124.0

NERIS 02 23:11:33.1, 59.04N-158.62E, h13km

ISC 02 23:11:28.8-0.5, 59.05N-158.56E, h10km, n98, z=264/91, mb4.0/3.2, Sea of Okhotsk

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like G21K, L19K, B22K, etc.

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

TAP 02 23:37:23.8, 23.51N-121.50E, h23km, ML1.6, 2C-1D, D

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

JMA 02 23:37:28.1-0.2, 25.11N-122.6E, h16km, MV2.1/5, NW OFF ISHIGAKIJIMA IS, Taiwan region

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

NEIC 02 23:54.9-1.4, 2.75N-0.08E, h10km, mb4.1/1, ML4.0/6

DJA 02 23:59:19.8-0.8, 3.3N-3.2E, h10km, M4.0/6, mb4.1/1, ML4.0/6

IDC 02 23:59:20.1-7.3, 2.67N-128.84E, h62km, 70km, mb3.7/1.4, mbmp4.0/1.4, MS3.4/2, Error ellipse: s-maj=41.6km s-min=16.1km az=68.0

ISC 02 23:59:17.5-0.6, 2.70N-128.82E, h35km, n47, z=096/39, mb4.3/20, Halmahera

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

3d 0h

Table with columns: Code, Station Name, Az, Az', Time, Res, ISC, Phase ID, and various station codes like LUWI, TOLI, KAPI, etc.

NEIC 03 00:16:59.65:62N:143.11W, h8km, Moment Tensor Solution. Moment tensor: Scale 10^14 Nm; Mrr:0.76; Mss:2.39; Mss:1.63; Mss:0.42; Mss:0.74; Mss:1.38; Fault plane solution: M0:660000*10^4; N1P1s:220.00000*10^4; P1S2:0.00000*10^4; N1P2s:120.00000*10^4; P1S3:0.00000*10^4; Principal axes: T 2.6673, P1g35.0000; Azm85.0000; N -0.0044, P1g45.0000; Azm240.0000; P -2.6630, P1g12.0000; Azm346.0000;

AEIC 03 00:16:60.0:1.1, 65.60N:0.02:143.07W:0.04, h7km, 3km Error ellipse: s-major=3.1km s-min=2.0km aza=149.0

NEIC 03 00:16:59.9:0.6, 65.61N:0.02:143.12W:0.04, h5km, 4km, MLC3.7/228, MLC3.6(AEIC), MLC3.6/36(SLM), Error ellipse: s-major=2.9km s-min=2.4km aza=159.0, Northern Alaska

Table with columns: Code, Station Name, Az, Az', Time, Res, ISC, Phase ID, and various station codes like I27K, I27K, I27K, etc.

2020 JAN

Main table with columns: Code, Station Name, Az, Az', Time, Res, ISC, Phase ID, and various station codes like IL31, ILAR, ILAR, etc.

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Table with columns: Code, Station Name, Az, Az', Time, Res, ISC, Phase ID, and various station codes like KTH, KTH, KTH, etc.

3d 1h

Table of astronomical data for 3d 1h, listing stations like JNS, JMM, JZZ, etc., and their associated coordinates and parameters.

2020 JAN

Main table of astronomical data for 2020 JAN, listing stations like TYV, CN2, JSU, etc., and their associated coordinates and parameters.

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Table of astronomical data for 154, listing stations like QZH2, KNMB, BOD, etc., and their associated coordinates and parameters.

G15K	baz=263	40.41	33	P	P	01 26 28.3	0.0
LSA	Lhasa	40.47 270	I	Amb	I	01 26 33.1	
LSA	Lhasa	40.47 270	P	P	P	01 26 26.8	-3.1
LSA	comp=Z,31nm,0.8s						
LSA	Lhasa	40.47 270	P	P	P	01 26 31.0	+1.1
LSA	Lhasa	40.47 270	P	P	P	01 26 30.8	+0.9
L14K	Kuka Creek	40.58 39	I	Amb	I	01 26 33.1	
L14K	Kuka Creek	40.58 39	P	P	P	01 26 30.5	+0.7
C16K	Lisburne Hills	40.60 28	I	Amb	I	01 26 40.7	
C16K	Lisburne Hills	40.60 28	P	P	P	01 26 30.6	+0.8
CHTO	Chiang Mai	40.70 250	I	Amb	I	01 26 32.2	+0.9
CHTO	Chiang Mai	40.70 250	P	P	P	01 26 32.4	+1.1
CHTO	Chiang Mai	40.70 250	P	P	P	01 26 32.2	+0.9
CHTO	comp=Z,22nm,0.7s						
CHTO	Chiang Mai	40.70 250	P	P	P	01 26 32.0	+0.6
CHTO	Chiang Mai	40.70 250	P	P	P	01 26 31.9	+0.6
S12K	Black Hills	40.86 40	P	P	P	01 26 32.8	+0.6
M14K	Bethel	40.90 40	P	P	P	01 26 33.1	+0.8
CM31	Chiang Mai Arr	40.93 250	I	Amb	I	01 26 37.6	
CMAR	Chiang Mai Arr	40.93 250	P	P	P	01 26 33.3	+0.1
CMAR	comp=Z,3.1nm,0.5s,baz=21,slow=1.6,SNR=8.8					01 28 30.2	+0.6
CMAR	comp=Z,2.6nm,0.7s,baz=16,slow=3.9,SNR=15					01 26 32.8	+0.4
CMAR	Chiang Mai Arr	40.93 250	P	P	P	01 26 34.0	+0.8
CMAR	Chiang Mai Arr	40.93 250	P	P	P	01 26 34.0	+0.8
N14K	Kuskokwac Creeks	41.00 41	P	P	P	01 26 34.7	+1.5
H16K	Elim	41.12 34	P	P	P	01 26 35.5	+1.4
MK31	Makanchi Array	41.15 299	P	P	P	01 26 34.7	0.0
MKAR	Makanchi Array	41.15 299	P	P	P	01 26 34.9	+0.2
MKAR	comp=Z,5.4nm,0.8s,baz=85,slow=9.9,SNR=420					01 28 29.9	-0.1
G16K	Koyuk River	41.17 33	I	Amb	I	01 26 47.4	
G16K	Koyuk River	41.17 33	P	P	P	01 26 35.7	+1.1
L15K	Ungalak Mouta	41.18 38	P	P	P	01 26 35.6	+1.0
K15K	Wolf Creek Mouta	41.20 37	P	P	P	01 26 35.6	+0.8
O14K	Tiguykaiuit M	41.21 42	P	P	P	01 26 36.1	+1.2
D17K	Noatak River	41.29 29	P	P	P	01 26 36.3	+0.8
MAK2	Makanchi	41.36 299	P	P	P	01 26 36.7	+0.3
MAK2	Makanchi	41.36 299	P	P	P	01 26 36.7	+0.3
C17K	DeLong Mountain	41.42 28	P	P	P	01 26 37.7	+1.1
RD0G	Red Dog Mine	41.43 29	P	P	P	01 26 37.6	+1.0
M15K	Kasigluk River	41.52 40	P	P	P	01 26 38.4	+1.0
E17K	Hotham Inlet	41.66 30	P	P	P	01 26 39.4	+1.0
J16K	Anvik River	41.70 36	P	P	P	01 26 39.8	+1.0
I17K	Unalakleet	41.70 35	I	Amb	I	01 26 41.9	
I17K	Unalakleet	41.70 35	P	P	P	01 26 39.6	+0.8
F17K	Baldwin Pennin	41.78 31	I	Amb	I	01 26 52.1	
F17K	Baldwin Pennin	41.78 31	P	P	P	01 26 39.6	+0.2
N15K	Kwethluk River	41.81 41	P	P	P	01 26 39.5	-0.3
G17K	Kwialik Mouta	41.89 33	P	P	P	01 26 40.8	+0.4
O15K	Ungalikthik R	41.95 42	P	P	P	01 26 43.0	+2.1
O15K	Ungalikthik R	41.95 42	I	Amb	I	01 26 41.4	+0.5
SHL	Shillong	42.00 265	P	P	P	01 26 42.0	0.0
SHL	Shillong	42.00 265	P	P	P	01 26 42.0	0.0
SHL	comp=Z,32nm,0.5s						
SHL	Shillong	42.00 265	P	P	P	01 26 41.7	-0.3
L16K	Owhat River	42.14 38	P	P	P	01 26 43.0	+0.6
H17K	Granite Mouta	42.14 34	P	P	P	01 26 42.8	+0.4
C18K	Utukok River	42.17 28	P	P	P	01 26 43.4	+0.7
E18K	Tukpahlearik C	42.18 30	P	P	P	01 26 43.2	+0.5
CHNA	Chernabura Isl	42.34 49	P	P	P	01 26 44.7	+0.7
M16K	Timber Creek	42.37 39	P	P	P	01 26 44.6	+0.3
J17K	VABM Dome	42.39 36	I	Amb	I	01 26 47.8	
J17K	VABM Dome	42.39 36	P	P	P	01 26 45.2	+0.7
N16K	Nishilik Lake	42.47 40	P	P	P	01 26 45.7	+0.6
MRSI	Marisa	42.62 206	P	P	P	01 26 48.1	+1.3
L17K	Donlin	42.70 38	P	P	P	01 26 47.7	+0.7
K17K	Iditarod	42.72 37	P	P	P	01 26 47.4	+0.4
G18K	Tagagawik	42.76 32	I	Amb	I	01 27 01.6	
G18K	Tagagawik	42.76 32	P	P	P	01 26 47.9	+0.5
KURK	Kurchatov	42.77 305	P	P	P	01 26 47.8	+0.1
KURK	Kurchatov	42.77 305	P	P	P	01 26 47.8	+0.1
H18K	Honhosa River	42.82 33	I	Amb	I	01 26 50.4	
H18K	Honhosa River	42.82 33	P	P	P	01 26 48.7	+0.8
O16K	Kokwok River B	42.82 42	P	P	P	01 26 48.6	+0.6
C19K	Lookout Ridge	42.83 27	I	Amb	I	01 26 59.9	
C19K	Lookout Ridge	42.83 27	P	P	P	01 26 48.4	+0.4
KURB	Kurchatov Arra	42.84 305	P	P	P	01 26 48.5	+0.2
KURBB	comp=Z,9.0nm,0.4s,baz=82,slow=8.5,SNR=388					01 28 35.5	0.0
KURBB	comp=Z,8.0nm,0.7s,baz=82,slow=3.8,SNR=6.3						
KURBB	Kurchatov Arra	42.84 305	P	P	P	01 26 47.6	-0.6
P16K	Nushagak River	42.90 42	P	P	P	01 26 49.4	+0.9
M17K	Hollita River	43.11 39	P	P	P	01 26 51.2	+0.9
F19K	Shaleruckik Mo	43.20 31	P	P	P	01 26 51.6	+0.7
N17K	Nushagak Hills	43.25 40	P	P	P	01 26 51.8	+0.5
D19K	Kuna River	43.27 28	I	Amb	I	01 27 05.0	
D19K	Kuna River	43.27 28	P	P	P	01 26 51.6	+0.2
O17K	Kolliganeek Bris	43.32 41	P	P	P	01 26 51.6	-0.3
G19K	Purcell Mouta	43.42 32	P	P	P	01 26 53.2	+0.6

GCSA	Galena City Sc	43.42 34	P	P	01 26 52.8	+0.2	
J18K	Innokov River	43.45 36	P	P	01 26 53.1	+0.1	
L18K	Granite Mouta	43.46 38	P	P	01 26 52.7	-0.3	
E19K	Redstone River	43.48 30	I	Amb	I	01 27 05.9	
E19K	Redstone River	43.48 30	P	P	01 26 52.7	-0.4	
Q16K	King Salmon	43.61 43	P	P	01 26 54.6	+0.4	
H19K	Roundabout Mou	43.64 33	I	Amb	I	01 26 57.2	
H19K	Roundabout Mou	43.64 33	P	P	01 26 54.7	+0.3	
B20K	Meade River	43.81 26	P	P	01 26 55.9	+0.2	
D20K	Etiwuk River	43.84 28	I	Amb	I	01 27 08.3	
D20K	Etiwuk River	43.84 28	P	P	01 26 56.3	+0.3	
R17L	Mt. Peulik Vol	43.85 44	P	P	01 26 56.5	+0.2	
M18K	Stony River	43.88 39	P	P	01 26 56.9	+0.5	
N18K	Kilae Creek	43.88 40	I	Amb	I	01 26 56.7	
N18K	Kilae Creek	43.88 40	P	P	01 26 59.7	+0.3	
J19K	Poorman	43.95 35	P	P	01 26 57.6	+0.7	
PDGK	Podgomorye	43.95 295	P	P	01 26 56.6	-0.8	
F20K	Avaraart Lake	44.02 31	P	P	01 26 58.0	+0.6	
SHLS	Shalkode	44.02 294	d	P	01 26 55.7	-2.3	
SHLS	comp=Z,26nm,1.2s						
SHLS	Shalkode	44.02 294	i	P	01 26 55.7	-2.3	
Q17K	Contact Creek	44.05 43	P	P	01 26 58.0	+0.1	
TDK	Taldyqorghan	44.22 297	e	P	01 26 59.9	+0.6	
TDK	comp=Z,22nm,0.6s						
TDK	Taldyqorghan	44.22 297	e	P	01 26 59.9	+0.6	
TDK	comp=Z,22nm,0.6s						
O18K	Koktuh Hills	44.27 41	P	P	01 26 59.6	+0.1	
H20K	Anotellengea Mo	44.29 33	P	P	01 27 00.3	+0.7	
P18K	Big Mountain	44.29 42	P	P	01 27 00.4	+0.6	
L19K	White Mountain	44.32 38	P	P	01 27 00.8	+0.9	
UZB	Uzynbulak	44.34 294	d	P	01 27 00.5	+0.1	
UZB	Uzynbulak	44.34 294	i	P	01 27 00.6	+0.1	
I20K	Naaghedeneel	44.45 34	P	P	01 27 01.5	+0.7	
CHIR	Chirikof Islan	44.47 47	P	P	01 27 01.8	+0.7	
C21K	Knifeflake Rid	44.54 28	P	P	01 27 02.0	+0.4	
J20K	Nowinta River	44.60 35	P	P	01 27 02.5	+0.4	
K20K	Tellin	44.64 36	P	P	01 27 02.6	+0.2	
B21K	Ikpikpuk River	44.65 27	I	Amb	I	01 27 15.3	
B21K	Ikpikpuk River	44.65 27	P	P	01 27 02.7	+0.4	
A22K	Sinclair Lake	44.68 25	P	P	01 27 02.9	+0.4	
O19K	Port Aisworth	44.69 41	P	P	01 27 03.5	+0.7	
E21K	Killik River	44.78 29	P	P	01 27 04.3	+0.8	
SATY	Saty	44.79 295	d	P	01 27 04.3	+0.3	
SATY	Saty	44.79 295	i	P	01 27 04.3	+0.3	
G21K	Allakaket	44.86 32	I	Amb	I	01 27 18.1	
G21K	Allakaket	44.86 32	P	P	01 27 04.8	+0.5	
R18K	Katul	44.88 44	P	P	01 27 04.8	+0.5	
B22K	Teshhepuk Lake	45.12 26	I	Amb	I	01 27 18.5	
B22K	Teshhepuk Lake	45.12 26	P	P	01 27 07.1	+1.1	
M20K	Styx River	45.15 38	P	P	01 27 06.5	0.0	
Q19K	Cape Douglas	45.15 42	P	P	01 27 06.9	+0.4	
H21K	Melozitna River	45.16 33	P	P	01 27 06.8	+0.4	
SII	Sitkinak Islan	45.16 46	P	P	01 27 07.4	+0.8	
D22K	Ayiyak River	45.28 28	I	Amb	I	01 27 09.0	
D22K	Ayiyak River	45.28 28	P	P	01 27 08.0	+0.6	
CHUM	Lake Minchumin	45.41 35	P	P	01 27 09.3	+0.9	
F22K	John River	45.42 30	P	P	01 27 09.5	+1.0	
I21K	Tanana	45.51 33	P	P	01 27 09.9	+0.8	
PPLA	Porkeypile	45.52 37	P	P	01 27 09.1	-0.3	
E22K	Anaktuvuk Pass	45.57 29	I	Amb	I	01 27 22.9	
E22K	Anaktuvuk Pass	45.57 29	P	P	01 27 10.3	+0.6	
G23K	Spurr Chakacha	45.64 39	P	P	01 27 11.2	+0.9	
SPCR	Bettles	45.68 31	P	P	01 27 11.2	+0.8	
MDOK	Medeo	45.70 295	e	P	01 27 11.6	+0.4	
MDOK	Medeo	45.70 295	e	P	01 27 11.6	+0.4	
SJU	Medeo Spurr	45.72 39	P	P	01 27 13.3	+2.4	
H22K	Ishlita River	45.74 32	P	P	01 27 11.2	+0.1	
H22K	Ishlita River	45.74 32	P	P	01 27 11.2	+0.1	
AAA	Alma-Ata	45.78 295	e	P	01 27 11.9	+0.2	
AAA	comp=Z,44nm,0.7s						
AAA	Alma-Ata	45.78 295	e	P	01 27 12.0	+0.2	
TNSS	Tian-Shan	45.81 295	e	P	01 27 12.4	0.0	
TNSS	Tian-Shan	45.81 295	e	P	01 27 12.4	0.0	
Q20K	Shuyak Island	45.84 43	P	P	01 27 11.9	+0.1	
KDAK	Kodiak Island	45.85 44	i	P	01 27 13.0	+1.1	
KDAK	comp=Z,8.0nm,0.5s						
KDAK	Kodiak Island	45.85 44	P	P	01 27 12.2	+0.3	
SKT	Skwentna	45.89 38	P	P	01 27 12.9	+0.6	
BPAW	Bear Paw Mtn.	45.98 35	P	P	01 27 13.5	+0.6	
D23K	Nanushuk Ridge	46.01 28	P	P	01 27 12.8	-0.2	
C23K	Iklikil River	46.05 27	P	P	01 27 13.4	+0.1	
HOM	Home	46.08 41	P	P	01 27 13.9	+0.2	
COLD	Coldfoot	46.19 31	P	P	01 27 15.3	+0.8	
G23K	Bananza Creek	46.27 31	P	P	01 27 15.0	-0.1	
SUA	Susitna One	46.31 39	I	Amb	I	01 27 19.2	
SUA	Susitna One	46.31 39	P	P	01 27 16.3	+0.6	
TRF	Thorofare Moun	46.34 36	P	P	01 27 16.3	+0.4	
E23K	Chandalar	46.40 29	P	P	01 27 16.5	+0.3	
TOLK	Toolik Lake Re	46.41 29	I	Amb	I	01 27 29.5	

Table of astronomical observations for 2020 JAN, including columns for object name, coordinates, magnitude, and observation details.

Table of astronomical observations for 2020 JAN, including columns for object name, coordinates, magnitude, and observation details.

Table of astronomical observations for 2020 JAN, including columns for object name, coordinates, magnitude, and observation details.

3d 2h

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like YK2, YK2U, BESE, SKAG, R32K, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like N30M, N30M, N30M, YUK8, YUK8, YUK8, etc.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like T35M, T35M, T35M, M27K, M27K, M27K, etc.

CUT	Chulitna	7.33 307	P	Pn	02 59 23.9 +0.9
H31M	Peel River	7.44 11	Pn	Pn	02 59 26.1 +1.5
H31M	Peel River	7.44 11	Pn	Pn	02 59 26.1 +1.5
H31M	Peel River	7.44 11	Pn	Pn	02 59 25.7 +1.1
MCK	McKinley	7.53 318	P	Pn	02 59 27.3 +1.5
ILAR	Eielson Array	7.62 329	Pn	Pn	02 59 26.7 -0.3
ILAR	comp=N,0.3nm,0.3s,baz=116,slow=14,SNR=5.3		Sn	Sn	03 00 50.1 -3.3
ILAR	comp=N,0.7nm,0.3s,baz=116,slow=24,SNR=4.0		Lg	Lg	03 01 33.7
H29M	Whitestone	7.70 358	Pn	Pn	02 59 29.5 +1.4
H29M	Whitestone	7.70 358	Pn	Pn	02 59 29.5 +1.4
H29M	Whitestone	7.70 358	Pn	Pn	02 59 29.1 +1.0
SKT	Skwentna	7.70 302	P	Pn	02 59 28.3 +0.2
SYI	Shuyak Island	7.70 277	P	Pn	02 59 26.8 -1.3
Q20K	Shuyak Island	7.70 277	P	Pn	02 59 28.0 -0.1
SPCR	Spurr Chakacha	7.79 296	P	Pn	02 59 29.5 +0.1
O2K	Slope Mountain	7.81 288	P	Pn	02 59 31.0 +1.3
CKL	Chakachama La	7.84 296	Pn	Pn	02 59 29.8 -0.4
TRF	Thorofore Moun	7.85 314	P	Pn	02 59 31.6 +1.3
EPYK	Eagle Plains	7.86 3	Pn	Pn	02 59 32.1 +1.8
EPYK	Eagle Plains	7.86 3	Pn	Pn	02 59 31.6 +1.3
PRP	Porcupine Dome	7.90 335	P	Pn	02 59 31.9 +1.0
H27K	Steamboat Moun	7.91 349	Pn	Pn	02 59 33.4 +2.4
H27K	Steamboat Moun	7.91 349	Pn	Pn	02 59 33.1 +2.1
KDAK	Kodiak Island	7.93 271	Pn	Pn	02 59 29.5 -1.7
KDAK	comp=N,2.5nm,0.3s,baz=91,slow=2,SNR=91		Sn	Sn	03 00 55.8 -5.2
KDAK	comp=N,1.4nm,19.0s,baz=73,slow=38		LR	LR	03 02 35.9
KDAK	comp=N,1.4nm,19.0s,baz=73,slow=38		Sn	Sn	02 59 29.6 -1.7
COLA	College	7.97 327	P	Pn	02 59 33.8 +2.1
NBCS	NorthernBC 5	8.02 91	Pn	Pn	02 59 33.1 +0.5
P19K	Oil Pt	8.09 284	P	Pn	02 59 34.4 +0.9
NEA2	Nenana	8.13 323	Pn	Pn	02 59 34.4 +0.3
NEA2	Nenana	8.13 323	Pn	Pn	02 59 35.0 +0.9
Q19K	Cape Douglas	8.32 279	Pn	Pn	02 59 36.5 -0.2
Q19K	Cape Douglas	8.32 279	Pn	Pn	02 59 36.9 +0.2
PPLA	Purkeypile	8.34 308	P	Pn	02 59 38.2 +1.2
WRGL	Wrigley	8.35 50	P	Pn	02 59 38.0 +1.0
BBB	Bella Bella	8.38 136	Pn	Pn	02 59 37.0 -0.4
BBB	comp=N,0.8nm,0.3s,baz=199,slow=26,SNR=5.4		Sn	Sn	03 01 08.1 -3.9
BBB	comp=N,0.2nm,0.3s,baz=199,slow=26,SNR=2.1		Lg	Lg	03 01 58.2
M20K	Styx River	8.39 300	P	Pn	02 59 38.6 +1.0
G29M	Pine Creek	8.39 359	Pn	Pn	02 59 39.2 +1.6
G29M	Pine Creek	8.39 359	Pn	Pn	02 59 39.0 +1.4
OHAK	Old Harbor	8.44 268	Pn	Pn	02 59 36.4 -1.7
OHAK	Old Harbor	8.44 268	Pn	Pn	02 59 36.8 -1.4
OHAK	Old Harbor	8.44 268	Pn	Pn	02 59 36.6 -1.5
BPAW	Bear Paw Mtn	8.47 317	P	Pn	02 59 40.1 +1.4
G27K	Doyon Strip	8.49 349	Pn	Pn	02 59 40.7 +1.8
G27K	Doyon Strip	8.49 349	Pn	Pn	02 59 41.2 +2.3
G31M	Satah River	8.54 9	Pn	Pn	02 59 41.3 +1.6
G31M	Satah River	8.54 9	Pn	Pn	02 59 41.1 +1.6
G31M	Satah River	8.54 9	Pn	Pn	02 59 41.2 +1.6
I23K	Minto, Yukon-K	8.61 325	P	Pn	02 59 41.7 +1.2
H24K	Noodin Dome	8.72 331	P	Pn	02 59 43.9 +1.8
N19K	Bonanza Creek	8.80 292	P	Pn	02 59 44.0 +0.6
KAHG	Katmai Hook Gl	8.84 277	Pn	Pn	02 59 43.5 -0.3
CHUM	Lake Minchumin	8.85 313	P	Pn	02 59 44.2 +0.3
CHUM	Lake Minchumin	8.85 313	P	Pn	02 59 44.5 +0.7
G26K	Porcupine River	8.88 344	P	Pn	02 59 45.8 +1.6
KARR	Katmai Rainbow	8.92 277	Pn	Pn	02 59 44.3 -0.6
R18K	Karluq	8.96 271	P	Pn	02 59 45.7 +0.3
KAWH	Katmai	8.99 276	Pn	Pn	02 59 45.4 -0.4
F31M	Tsigiehtchic	9.10 10	Pn	Pn	02 59 48.8 +1.6
F31M	Tsigiehtchic	9.10 10	Pn	Pn	02 59 47.5 +0.3
O18K	Koktuh Hills	9.10 286	P	Pn	02 59 47.8 +0.5
P18K	Big Mountain,	9.11 283	P	Pn	02 59 48.2 +0.7
F30M	Barrier River	9.13 5	Pn	Pn	02 59 49.0 +1.3
F30M	Barrier River	9.13 5	Pn	Pn	02 59 49.2 +1.5
F30M	Barrier River	9.13 5	Pn	Pn	02 59 49.0 +1.3
F28M	Old Crow	9.15 355	Pn	Pn	02 59 49.6 +1.6
F28M	Old Crow	9.15 355	Pn	Pn	02 59 49.6 +1.6
L19K	White Mountain	9.25 300	P	Pn	02 59 48.8 -0.7
K20K	Telida	9.31 308	Pn	Pn	02 59 50.1 -0.1
K20K	Telida	9.31 308	Pn	Pn	02 59 50.5 +0.3
BMAR	Burnt Mountain	9.44 344	Pn	Pn	02 59 53.3 +1.3
I21K	Tanana	9.46 321	P	Pn	02 59 53.1 +0.9
N18K	Kilae Creek	9.48 291	Pn	Pn	02 59 51.8 -0.7
N18K	Kilae Creek	9.48 291	Pn	Pn	02 59 52.5 0.0
M18K	Stony River	9.55 296	P	Pn	02 59 54.1 +0.6
Q17K	Contact Creek	9.57 276	P	Pn	02 59 53.8 0.0
F26K	Sheenjek River	9.63 345	Pn	Pn	02 59 56.3 +1.8
F26K	Sheenjek River	9.63 345	Pn	Pn	02 59 55.2 +0.7
J20K	Nowinta River	9.70 312	Pn	Pn	02 59 56.0 +0.5
J20K	Nowinta River	9.70 312	Pn	Pn	02 59 55.8 +0.4
H22K	Ishlitalina Cre	9.74 325	P	Pn	02 59 57.1 +1.1
P17K	Kvichak River	9.74 282	P	Pn	02 59 57.1 +1.0
F25K	Christian River	9.76 342	Pn	Pn	02 59 57.9 +1.6
F25K	Christian River	9.76 342	Pn	Pn	02 59 56.9 +0.6
E27K	Coleen River	9.83 351	Pn	Pn	02 59 59.0 +1.7
E27K	Coleen River	9.83 351	Pn	Pn	02 59 58.9 +1.7
E29M	Blow River	9.88 359	Pn	Pn	02 59 59.3 +1.4
E29M	Blow River	9.88 359	Pn	Pn	02 59 59.3 +1.4
Q16K	King Salmon	9.91 279	P	Pn	02 59 58.4 0.0
R17L	Mt. Peugit Vol	9.94 273	P	Pn	02 59 59.1 +0.3
INK	Inuvik	9.96 9	Pn	Pn	02 59 59.0 0.0
INK	comp=N,0.4nm,0.3s,baz=199,slow=11,SNR=13		Sn	Sn	03 01 46.2 -4.6
INK	comp=N,0.3nm,0.3s,baz=177,slow=18,SNR=1.7		Lg	Lg	03 02 49.1
INK	comp=N,1.82nm,19.5s,baz=288,slow=39		LR	LR	03 04 03.8
INK	Inuvik	9.96 9	Pn	Pn	03 00 00.5 +1.4
INK	Inuvik	9.96 9	Pn	Pn	03 00 00.2 +1.2
INK	Inuvik	9.96 9	P	Pn	02 59 59.9 +0.9

H21K	Melozitna Rive	10.03 322	P	Pn	02 59 59.6 -0.4
H21K	Melozitna Rive	10.03 322	P	Pn	03 00 00.4 +0.3
O17K	Koliganek Bris	10.05 285	P	Pn	02 59 60.0 -0.3
O17K	Koliganek Bris	10.05 285	P	Pn	03 00 00.6 +0.3
L18K	Granite Mounta	10.10 299	P	Pn	03 00 01.0 +0.1
N17K	Nushagak Hills	10.11 290	P	Pn	03 00 01.2 +0.1
F24K	Squaw Lake	10.11 337	P	Pn	03 00 01.9 +0.8
CHIR	Chirikof Island	10.12 262	P	Pn	03 00 01.0 -0.3
E28M	Babbage River	10.13 356	Pn	Pn	03 00 02.8 +1.5
E28M	Babbage River	10.13 356	Pn	Pn	03 00 01.0 -0.3
I20K	Naaghedeneel	10.13 315	P	Pn	03 00 02.0 +0.7
J19K	Poorman	10.20 310	P	Pn	03 00 02.9 +0.6
J19K	Poorman	10.20 310	P	Pn	03 00 02.4 +0.1
E25K	Arctic Village	10.23 343	Pn	Pn	03 00 05.1 +2.3
E25K	Arctic Village	10.23 343	Pn	Pn	03 00 04.5 +1.9
M17K	Holtina River	10.20 294	P	Pn	03 00 04.1 +0.4
J18K	Innoko River	10.46 306	P	Pn	03 00 05.1 -0.7
J18K	Innoko River	10.46 306	P	Pn	03 00 05.3 -0.5
P16K	Nushagak River	10.56 281	P	Pn	03 00 07.1 -0.1
H20K	Kokwok River B	10.56 284	P	Pn	03 00 08.7 +1.4
O16K	Antoleneega Mo	10.64 318	P	Pn	03 00 08.7 +0.4
E24K	Your Creek	10.70 338	P	Pn	03 00 10.3 +1.0
G21K	Allakaket	10.80 324	P	Pn	03 00 10.7 +0.2
L17K	Donlin	10.82 298	P	Pn	03 00 11.8 +1.0
D27M	Malcolm River	10.83 354	Pn	Pn	03 00 12.6 +1.6
D27M	Malcolm River	10.83 354	Pn	Pn	03 00 12.4 +1.4
D28M	Stokes Point	10.83 358	Pn	Pn	03 00 12.7 +1.8
D28M	Stokes Point	10.83 358	Pn	Pn	03 00 12.7 +1.8
N16K	Nishlik Lake	10.89 289	P	Pn	03 00 11.3 -0.4
K17K	Iditarod	10.94 301	P	Pn	03 00 13.7 +1.2
GCSA	Galena City Sc	11.01 312	P	Pn	03 00 12.4 -1.0
H19K	Roundabout Mou	11.21 316	P	Pn	03 00 16.1 -0.1
TOLK	Toolik Lake Re	11.40 337	Pn	Pn	03 00 21.7 +2.9
TOLK	Toolik Lake Re	11.40 337	Pn	Pn	03 00 21.2 +2.5
C27K	Jago River	11.42 349	Pn	Pn	03 00 21.7 +2.7
C27K	Jago River	11.42 349	Pn	Pn	03 00 22.2 +3.2
J17K	VABM Dome	11.45 304	P	Pn	03 00 19.1 -0.3
D25K	Kavik River	11.45 344	P	Pn	03 00 20.4 +0.9
E22K	Anaktuvuk Pass	11.49 333	P	Pn	03 00 21.8 +1.8
N15K	Kwethluk River	11.55 288	P	Pn	03 00 21.7 +1.0
D24K	Happy Valley	11.70 340	P	Pn	03 00 24.7 +2.0
G19K	Purcell Mounta	11.76 318	P	Pn	03 00 25.0 +1.4
H18K	Honhosa River	11.76 313	P	Pn	03 00 24.2 +0.6
F20K	Avaraat Lake	11.82 324	P	Pn	03 00 25.3 +0.9
C26K	Camden Bay	11.82 348	Pn	Pn	03 00 26.9 +2.4
YKA	Yellowknife Ar	11.99 61	Pn	Pn	03 00 25.9 -0.9
YKA	comp=N,0.6nm,0.3s,baz=298,slow=15,SNR=46		Lg	Lg	03 03 53.3
YKA	comp=N,0.5nm,0.3s		Pn	Pn	03 00 25.4 -1.4
YKAW3	Yellowknife Wh	12.00 61	Pn	Pn	03 00 27.0 +0.1
YKAW3	Yellowknife Wh	12.00 61	Pn	Pn	03 00 26.7 -0.2
YKAW1	Yellowknife Wh	12.04 61	Pn	Pn	03 00 27.6 +0.1
YKAW1	Yellowknife Wh	12.04 61	Pn	Pn	03 00 27.4 -0.1
G18K	Tagagawik	12.19 316	Pn	Pn	03 00 29.2 -0.3
G18K	Tagagawik	12.19 316	Pn	Pn	03 00 29.8 +0.2
I17K	Unalakleet	12.28 305	P	Pn	03 00 32.5 +1.8
H17K	Granite Mounta	12.28 311	P	Pn	03 00 31.2 +0.5
C36M	Paulatuk	12.32 23	Pn	Pn	03 00 31.0 -0.3
C36M	Paulatuk	12.32 23	Pn	Pn	03 00 31.1 -0.1
C36M	Paulatuk	12.32 23	Pn	Pn	03 00 31.2 -0.1
K15K	Wolf Creek Mou	12.34 298	P	Pn	03 00 33.3 +1.7
E19K	Redstone River	12.53 323	P	Pn	03 00 36.1 +1.9
CHNA	Chernabura Isl	12.60 262	P	Pn	03 00 35.6 +0.5
CHNA	Chernabura Isl	12.60 262	P	Pn	03 00 34.5 -0.6
G17K	Kiwalik Mounta	12.78 313	P	Pn	03 00 37.8 +0.3
SDPT	Sand Point	12.84 265	P	Pn	03 00 38.8 +0.4
E17K	Hotham Inlet	13.87 318	P	Pn	03 00 53.1 +0.8
A36M	Sachs Harbour	14.40 16	P	Pn	03 00 59.3 -0.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include QUIF, GRR, FLN, etc.

IDC 03 03:09:22.3:0.6, 0.13S: 124.66E, h0km, mb4.3/17, mtbpm4.3/18, ML3.3/1, MS3.2/5, Error ellipse: s-maj=38.0km s-min=13.0km az=73.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SANI, SANI, SANI, etc.

ISC 03 03:09:30.0:0.4, 0.09S: 105.125E:0.05, h53km, n86, 0.174/84, mb4.4/31, 1.00C: 1.00C: 1.00C: 1.00C

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SANI, SANI, SANI, etc.

IDC 03 03:31:58.8:1.9, 8.63S: 124.53E, h0km, mb3.5/1, mtbpm3.7/4, ML3.9/3, MS3.3/1, Error ellipse: s-maj=49.9km s-min=25.4km az=78.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SANI, SANI, SANI, etc.

ISC 03 03:32:09.0:0.3, 9.5S: 121.9E:0.1, h100km, n18, 0.150/19, Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SOEI, SOEI, SOEI, etc.

IDC 03 03:32:09.0:0.3, 9.5S: 121.9E:0.1, h100km, n18, 0.150/19, Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SOEI, SOEI, SOEI, etc.

IDC 03 03:31:58.8:1.9, 8.63S: 124.53E, h0km, mb3.5/1, mtbpm3.7/4, ML3.9/3, MS3.3/1, Error ellipse: s-maj=49.9km s-min=25.4km az=78.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SOEI, SOEI, SOEI, etc.

ISC 03 03:32:09.0:0.3, 9.5S: 121.9E:0.1, h100km, n18, 0.150/19, Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BORK, BORK, NRK, etc.

IDC 03 03:31:58.8:1.9, 8.63S: 124.53E, h0km, mb3.5/1, mtbpm3.7/4, ML3.9/3, MS3.3/1, Error ellipse: s-maj=49.9km s-min=25.4km az=78.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include BORK, BORK, NRK, etc.

ISC 03 03:32:09.0:0.3, 9.5S: 121.9E:0.1, h100km, n18, 0.150/19, Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SOEI, SOEI, SOEI, etc.

IDC 03 03:31:58.8:1.9, 8.63S: 124.53E, h0km, mb3.5/1, mtbpm3.7/4, ML3.9/3, MS3.3/1, Error ellipse: s-maj=49.9km s-min=25.4km az=78.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SOEI, SOEI, SOEI, etc.

ISC 03 03:32:09.0:0.3, 9.5S: 121.9E:0.1, h100km, n18, 0.150/19, Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SOEI, SOEI, SOEI, etc.

IDC 03 03:31:58.8:1.9, 8.63S: 124.53E, h0km, mb3.5/1, mtbpm3.7/4, ML3.9/3, MS3.3/1, Error ellipse: s-maj=49.9km s-min=25.4km az=78.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SOEI, SOEI, SOEI, etc.

ISC 03 03:32:09.0:0.3, 9.5S: 121.9E:0.1, h100km, n18, 0.150/19, Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SOEI, SOEI, SOEI, etc.

ISC 03 03:31:58.8:1.9, 8.63S: 124.53E, h0km, mb3.5/1, mtbpm3.7/4, ML3.9/3, MS3.3/1, Error ellipse: s-maj=49.9km s-min=25.4km az=78.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CRPR, CRPR, CRPR, etc.

IDC 03 03:31:58.8:1.9, 8.63S: 124.53E, h0km, mb3.5/1, mtbpm3.7/4, ML3.9/3, MS3.3/1, Error ellipse: s-maj=49.9km s-min=25.4km az=78.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CRPR, CRPR, CRPR, etc.

ISC 03 03:32:09.0:0.3, 9.5S: 121.9E:0.1, h100km, n18, 0.150/19, Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CRPR, CRPR, CRPR, etc.

IDC 03 03:31:58.8:1.9, 8.63S: 124.53E, h0km, mb3.5/1, mtbpm3.7/4, ML3.9/3, MS3.3/1, Error ellipse: s-maj=49.9km s-min=25.4km az=78.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CRPR, CRPR, CRPR, etc.

ISC 03 03:32:09.0:0.3, 9.5S: 121.9E:0.1, h100km, n18, 0.150/19, Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CRPR, CRPR, CRPR, etc.

IDC 03 03:31:58.8:1.9, 8.63S: 124.53E, h0km, mb3.5/1, mtbpm3.7/4, ML3.9/3, MS3.3/1, Error ellipse: s-maj=49.9km s-min=25.4km az=78.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CRPR, CRPR, CRPR, etc.

ISC 03 03:32:09.0:0.3, 9.5S: 121.9E:0.1, h100km, n18, 0.150/19, Timor region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CRPR, CRPR, CRPR, etc.

ISC 03 03:31:58.8:1.9, 8.63S: 124.53E, h0km, mb3.5/1, mtbpm3.7/4, ML3.9/3, MS3.3/1, Error ellipse: s-maj=49.9km s-min=25.4km az=78.0

Table with columns: Call Sign, Location, Frequency, Mode, Power, and other details. Includes entries like BBGH Gun Hill, RCC Rio Carpintero, TRN Trinidad, etc.

Table with columns: Call Sign, Location, Frequency, Mode, Power, and other details. Includes entries like SADO Sadova, 237A Washetta, 237A Maddies Statio, etc.

Table with columns: Call Sign, Location, Frequency, Mode, Power, and other details. Includes entries like WVOR Wild Horse Val, SFJD Kangerlussuaq, BLKN Baker Lake, etc.

3d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RND Reindeer, BIAO Ba Ischi, NEA2 Nenana, MOA Molin, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JOW Kunigami, CMAR Chiang Mai Arr, MKAR Maknanchi Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, etc.

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

GCG 03 05:00:20.3:1.1, 14.70N:91.04W, h8km, 4km, MD3.6, ML3.4, Presumed earthquake

CATAC 03 05:00:21.5:0.3, 15.1N:97.1W, h5km, 2km, M3.0, 0.9, ML3.0, 9, Error ellipse: s-maj=6.0km s-min=3.2km az=7.7, confirmed

ISC 03 05:00:21.1:1.1, 14.74N:0.03:91.05W:0.03, h10km, 12km, n18, c09:69/24, Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SOKI Kika Raquin, ESSG Sabana Grande, etc.

IDC 03 05:42:28.4:1.7, 35.93N:71.50E, h0km, mb3.9/9, mbmp3.9/14, ML3.6/5, Error ellipse: s-maj=33.6km s-min=21.6km az=162.0

NNC 03 05:42:14.9:6.2, 36.92N:71.15E, h0km, mb4.1, mpv4.0, Error ellipse: s-maj=48.4km s-min=37.4km az=165.0

ISC 03 05:42:45.1:1.1, 36.70N:0.10:71.37E:0.10, h14km, n23, c15:63/28, mb3.7/7, 4C-3D, Afghanistan-Tajikistan border

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like UCH Uchter, AAK Ala-Archa, AAK Ala-Archa, etc.

NEIC 03 04:31:05.1:1.9, 48.38S:105.08E, h0km, mb4.1/5, mbmp4.1/5, Error ellipse: s-maj=78.5km s-min=20.9km az=116.0

ISC 03 04:31:06.7:1.1, 48.5S:102.105:4E:0.3, h10km, n22, c15:02/20, mb4.3/9, Southeast Indian Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, etc.

Table with columns: LSP, Las Mesas, 0.38 318, Pg, 06 09 08.2 +0.3, etc. Includes stations like Puerto Rico Se, Arcicob Observ, Esperanza - Ma, etc.

IDC 03 06:14:04.1-7.6, 6.69N, 76.29W, h88km, 79km, mb2.8/1, mbmp3.4/2, ML2.5/1, Error ellipse: s-maj=118.5km...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BARC, BRUC, PAMPLONA, etc.

ASAR Alice Springs 149.13 234 PKPbc PKPpdf 06 33 35.0 +2.4, WRA Warramunga Ar 150.35 241 PKPbc PKPpdf 06 33 38.5 -1.4

SOME 03 06:37:05.0, 41.78N, 81.45E, h15km, NNC 03 06:37:06.1-2.4, 41.83N, 81.43E, h0km, mb3.8, mpv3.5...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like SHLS, PDGK, UZB, SATY, etc.

Table with columns: KURS, 5.4nm, 0.4s, Lg, Lg, 06 38 37.5, etc. Includes stations like KNOTS, BLB, KOTS, etc.

SFS 03 06:41:21.2, 36.62N, 9.84W, h35km, ML3.0/11, ML3.0/11, MDD 03 06:41:21.5-0.7, 36.61N, 9.83W, h40km, 15km...

CNRM 03 06:41:22.1, 36.49N, 9.61W, h49km, IGL 03 06:41:23.4, 36.70N, 9.71W, h20km, ML 1.8, INMG 03 06:41:23.2, 1.3, 36.69N, 9.72W, h20km, 4km, ML2.0, Error ellipse: s-maj=4.8km s-min=3.0km az=48.0...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PFVI, MORF, PBDV, etc.

MESJ Messejana 1.68 44 eP Sn 06 41 49.6 +1.3, MESJ Messejana 1.68 44 eS Sn 06 42 08.8 -0.5

VAQUEIROS 1.76 64f eP Sn 06 41 51.0 +1.6, VAQUEIROS 1.76 64f eS Sn 06 42 14.0 +0.3

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

Table with columns: EVO, PMAFR, 2.34 8 P Pn, 06 41 57.6 +0.4, etc. Includes stations like PMAFR, PARRA, PBAR, etc.

CRAAG 03 07:08:04.7, 35.52N, 0.21E, MI3.3, Algrie 08km NW, El-Bordj, INMG 03 07:08:06.7-1.7, 35.39N, 0.19E, h28km, 25km, Error ellipse: s-maj=15.4km s-min=6.8km az=145.0...

MDD 03 07:08:06.7-0.6, 35.45N, 0.07E, h7km, 9km, Mb4.1/45, MDD 03 07:08:05.3, Error ellipse: s-maj=11.6km s-min=3.4km az=151.0

CNRM 03 07:08:09.8, 35.83N, 0.31W, h136km, ML3.1, ISC 03 07:08:09.1-2.3, 35.50N, 0.04E, 0.23E, 0.03, h15km, 8km, n78, r159/121, 23C, Northern Algeria

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like OFRG, ESMB, ODJA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like THIG, RTAL, CHUU, etc.

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

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

RSRP 03 09:37:54.3, 17.92N:66.82W, h7km, MD2.6, 1C-8D,

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

RSNC 03 10:24:30.6:0.0, 11.1N:2.7:3.7W, h0km, 3km, M2.3, ML2.3

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

ARCES ARCESS Array B 45.95 346 P

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

CRAAG 03 09:44:15.1, 35.61N:0.19E, M2.8, Algrie 14km NW

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

IDC 03 10:26:02.3:2.7, 27.01N:56.01E, h0km, mb4.0/8,

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

ASAR Alice Springs 42.33 261 P

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

NEIC 03 10:11:02.3:0.8, 17.85N:0.01:66.87W:0.01, h10km, 1km,

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

IDC 03 10:26:05.3:2.7, 27.01N:56.03E, h12km, 20km, ML3.5,

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

UPP 03 10:49:16.2:0.2, 67.14N:20.72E, h0km, ML2.7, Confirmed

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

IDC 03 10:54:15.4:8.8, 18.46S:178.16W, h564km, 110km,

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like ACATE, CMDO, MGR, MCT, MPG, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ACER, MATE, MARS, MTRM, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PMTG, PBDV, PCVE, etc.

IDC 03 11:11:04.7:3.8, 7.89S:157.39E, h0km, mb3.9/5, mbmt3.9/5, MS3.5/3, Error ellipse: s-maj=96.2km s-min=32.5km az=99.0, Bougainville-Solomon Islands region

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

IDC 03 11:17:37.6:7.1, 28.80N:142.89E, h0km, mb3.5/4, mbmt3.5/5, ML2.5/1, Error ellipse: s-maj=277.8km s-min=28.6km az=74.0

Table with columns for Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like MJAR, TIA, WRA, etc.

3d 12h

Table with columns: AAK, Station Name, Time, Res. Includes entries like AAK 4.7nm, 0.4s, baz=43, slow=12, SNR=8.5 and AAK 0.8nm, 0.4s.

IDC 03 11:47:04.5, 0.2, 22.53N, 121.150E, h0km, mb3.5/9, mblmp3.6/11, ML3.4/2, MS3.6/1, Error ellipse: s-maj=25.6km s-min=18.0km az=67.0

JMA 03 11:47:06.8, 0.3, 22.61N, 121.121E, h14km, 3km, MV3.9/18, TAIWAN REGION

TAP 03 11:47:08.1, 22.58N, 121.30E, h18km, ML3.9, C

ISC 03 11:47:05.1, 2, 22.53N, 121.141E, 0.02, h7km, 9km, n164, s192/187, mb3.5/8, 10C-13D, Taiwan region

Main table for 3d 12h section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like TTN Taitung, TWGBT Beinan, and many others.

2020 JAN

Table for 2020 JAN section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like KSHI Guanzhi Townshi, EGS Ala-Archa, and many others.

VIE 03 11:52:47.0, 0.2, 47.81N x 13.63E, h0km, mb1.7/3, ml1.7/10, Error ellipse: s-maj=1.5km s-min=1.1km az=23.0 10 km N of Bad Ischl Suspected Mining explosion...

Table for VIE 03 section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like BIOA Bad Ischl, Austria, MOA Molln, and many others.

SJA 03 12:01:45.2, 0.7, 29.64S, 69.41W, h141km, 5km, ML3.7, MW3.6

GUC 03 12:01:47.3, 0.6, 29.61S, 69.44W, h138km, 3km, ML3.9

NEIC 03 12:01:47.7, 1.6, 29.65S, 69.34W, 0.10, h123km, 3km, mb4.0/2, ML3.9(GUC), Error ellipse: s-maj=12.2km

IDC 03 12:01:51.2, 2.8, 29.68S, 68.94W, h145km, 60km, mb3.7/3, mblmp4.0/5, Error ellipse: s-maj=76.2km s-min=34.4km az=95.0

ISC 03 12:01:47.6, 0.7, 29.65S, 69.39W, 0.03, h131km, 5km, n81, s192/114, mb4.0/3, 3C-1D, Chile-Argentina border region

Table for ISC 03 section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like AROD Rodeo, ACVD Cuesta del Vie, and many others.

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Main table for 172 section with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like CO01 Juntas del Tor, ACCO Cerro Coronel, and many others.

Table with columns: ZALV, Zalesovo Beam, 149.35, 30, PKPbc, PKPbc, 12 21 21.5 +1.1, comp=Z,1.0nm,0.3s,baz=307,slow=3.3,SNR=6.4

IDC 03 12:13:15.4:1.1, 4.01N:126.69E, h0km, mb3.8/9, mbmp3.8/9, MS3.0/1, Error ellipse: s-maj=74.4km s-min=15.0km az=67.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SGSI, Sangihe, 1.22, 250, Op, P, 12 23 10.0 -1.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WBO, Warrungung Arr, 24.91, 163, P, P, 12 18 39.9 -0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WRA, Warrungung Arr, 25.06, 163, P, P, 12 18 40.4 -1.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WRA, Warrungung Arr, 25.12, 162, P, P, 12 18 41.6 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WRA, Warrungung Arr, 25.12, 162, P, P, 12 18 41.6 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WRA, Warrungung Arr, 25.12, 162, P, P, 12 18 41.6 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WRA, Warrungung Arr, 25.12, 162, P, P, 12 18 41.6 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WRA, Warrungung Arr, 25.12, 162, P, P, 12 18 41.6 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WRA, Warrungung Arr, 25.12, 162, P, P, 12 18 41.6 -0.8

Table with columns: MRZ, Mangatainoka R, 10.01, 205, P, Pn, 12 17 24.2 -5.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WRA, Warrungung Arr, 25.12, 162, P, P, 12 18 41.6 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WRA, Warrungung Arr, 25.12, 162, P, P, 12 18 41.6 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WRA, Warrungung Arr, 25.12, 162, P, P, 12 18 41.6 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WRA, Warrungung Arr, 25.12, 162, P, P, 12 18 41.6 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WRA, Warrungung Arr, 25.12, 162, P, P, 12 18 41.6 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WRA, Warrungung Arr, 25.12, 162, P, P, 12 18 41.6 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WRA, Warrungung Arr, 25.12, 162, P, P, 12 18 41.6 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WRA, Warrungung Arr, 25.12, 162, P, P, 12 18 41.6 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WRA, Warrungung Arr, 25.12, 162, P, P, 12 18 41.6 -0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, WRA, Warrungung Arr, 25.12, 162, P, P, 12 18 41.6 -0.8

Table with columns: MKAR, Makanchi Array, 74.42, 41, P, P, 12 44 03.5 +1.1

CATAC 03 12:35:10.0:0.6, 6.11N:3.8'6W, h15km, 4km, M3.3/15, MLV3.3/15, Error ellipse: s-maj=7.4km s-min=4.2km az=44.4, confirmed

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, LCRUZ, La Cruz, 0.78, 81, Op, P, 12 23 24.8 -0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, LCRUZ, La Cruz, 0.78, 81, Op, P, 12 23 24.8 -0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, LCRUZ, La Cruz, 0.78, 81, Op, P, 12 23 24.8 -0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, LCRUZ, La Cruz, 0.78, 81, Op, P, 12 23 24.8 -0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, LCRUZ, La Cruz, 0.78, 81, Op, P, 12 23 24.8 -0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, LCRUZ, La Cruz, 0.78, 81, Op, P, 12 23 24.8 -0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, LCRUZ, La Cruz, 0.78, 81, Op, P, 12 23 24.8 -0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, LCRUZ, La Cruz, 0.78, 81, Op, P, 12 23 24.8 -0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, LCRUZ, La Cruz, 0.78, 81, Op, P, 12 23 24.8 -0.2

3d 13h

Table with columns: JKA, Kamikawa-asahi, 41.94, 18, P, Iamb, P, 12.45 41.5 -0.4, 12.45 45.0, ...

AEIC 03 13:16:17.6:1.8, 6.9:54N:0.04:144.79W:0.06, h16km, 4km, Error ellipse: s-maj=5.6km s-min=3.2km az=172.0

IDC 03 13:16:17.8:0.6, 6.9:70N:144.65W, h0km, mb3.9/15, mbmp3.9/18, ML3.8/3, MS3.3/2, Error ellipse: s-maj=17.2km s-min=11.7km az=69.0

NEIC 03 13:16:17.6:1.8, 6.9:54N:144.79W, h16km

NEIC 03 13:16:18.6:1.1, 6.9:62N:0.04:144.73W:0.09, h10km, 1km, mb4.2/2, ML4.0/126, MW3.8/56, ML3.9(AEIC), Error ellipse: s-maj=6.3km s-min=5.0km az=70.0, Moment Tensor Solution, Moment tensor: Scale 10^14Nm, Mrr:7.0; Mss:5.0; Mss:1.39; Mrr:1.84; Mss:0.60; Mrr:-2.52; Fault plane solution: Ms:5.60000*10^14 NP1:122.03000*, delta.05000*, lambda.121.40000*. NP2:247.67000*, delta.860000*, lambda.3.05000*. Principal axes: T 5.4689, Plg58.0000*, Azm77.0000*, N 0.1768, Plg28.0000*, Azm287.0000*, P -5.6456, Plg13.0000*, Azm190.0000*

ISC 03 13:16:18.4:1.1, 6.9:63N:0.04:144.66W:0.03, h12km, 7km, n232, s192/22/14, mb4.1/20, Northern Alaska

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

2020 JAN

Table with columns: FYU, IAML, 13 18 03.3, ...

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Table with columns: G18K, Tagagawik, 6.49 241, Pn, 13 17 53.3 -0.5, ...

3d 15h

MPK1	comp=Z,31nm,1.2s	40.59 319	I	Amb	I	Amb	15 36 25.9
AC01	Maris Peak	40.63 158	I	Amb	I	Amb	15 36 25.5
MHC	Pan de Azucar	40.66 315	I	Amb	I	Amb	15 36 25.1
AC02	Mount Hamilton	40.66 315	I	Amb	I	Amb	15 36 25.5
ICQV	Pointe Anglais	40.83 19	P	P	P	P	15 36 23.7 +0.4
SALV	Santo Antonio	40.87 132	eP	P	P	P	15 36 22.1 -1.9
EGMT	Eagleet	41.17 336	I	Amb	I	Amb	15 36 27.9
WVOR	Wild Horse Val	41.56 323	I	Amb	I	Amb	15 36 31.7
ORV	Croville	41.69 318	I	Amb	I	Amb	15 36 34.4
SUTB	Sutter Butte	41.71 317	I	Amb	I	Amb	15 36 33.4
AC02	Maricunga	41.80 157	I	Amb	I	Amb	15 36 36.2
AC06	Mina Casimiro	41.82 159	I	Amb	I	Amb	15 36 34.9
PLID	Pearl Lake	41.83 328	I	Amb	I	Amb	15 36 33.0
MNRC	McLaughlin Min	41.97 316	I	Amb	I	Amb	15 36 36.1
GO03	Copiapo	42.07 159	I	Amb	I	Amb	15 36 37.0
003E	Payne	42.28 319	I	Amb	I	Amb	15 36 45.0
AC04	Llanos de Chal	42.34 160	P	P	P	P	15 36 37.0 +1.1
AC04	comp=Z,28nm,1.0s		I	Amb	I	Amb	15 36 38.4
HATC	Hat Creek Radi	42.34 320	P	P	P	P	15 36 37.1 +1.2
HATC	comp=Z,54nm,1.1s		I	Amb	I	Amb	15 36 39.0
PP1B	Ponte de Pedra	42.56 133	eP	P	P	P	15 36 35.7 -2.1
002D	Mt. Diablo Mer	42.86 316	P	P	P	P	15 36 40.1 0.0
K05A	Summer Lake	43.07 322	I	Amb	I	Amb	15 36 42.4 +0.5
K05A	comp=Z,66nm,1.7s		I	Amb	I	Amb	15 37 25.3
AC05	El Transito	43.20 159	P	P	P	P	15 36 44.9 +2.0
AC05	comp=Z,99nm,0.9s		I	Amb	I	Amb	15 36 46.3
BDQN	Bodoquena, MS	43.20 138	eP	P	P	P	15 36 41.6 -1.3
LCO	Las Campanas	43.21 160	I	Amb	I	Amb	15 36 45.0 +1.8
LCO	comp=Z,88nm,1.1s		I	Amb	I	Amb	15 36 46.5
LCO	Las Campanas	43.21 160	P	P	P	P	15 36 45.0 +1.8
LCO	comp=Z,88nm,1.1s		I	Amb	I	Amb	15 36 45.0 +1.8
LCO	Las Campanas	43.21 160	P	P	P	P	15 36 45.2 +2.0
LCO	comp=Z,88nm,1.1s		I	Amb	I	Amb	15 38 32.1 +1.5
KMRM	Mail Ridge	43.49 317	I	Amb	I	Amb	15 38 48.6
SMBT	Santa Maria do	43.58 116	eP	P	P	P	15 36 43.3 -2.8
YBTH	Yreka Blue Hor	43.63 320	LR	P	P	P	15 56 53.4
YBTH	comp=Z,17nm,19.9s,baz=119,slow=36		LR	P	P	P	15 56 53.4
YBH	Yreka Blue Hor	43.63 320	P	P	P	P	15 36 45.6 -0.7
YBH	comp=Z,19nm,1.5s		I	Amb	I	Amb	15 36 45.6 -0.7
LO4D	Klamath Falls	43.64 321	I	Amb	I	Amb	15 36 47.9
ARAG	Araguainas, MT	43.67 128	eP	P	P	P	15 36 44.9 -1.9
PINE	Pine Mountain	43.72 323	I	Amb	I	Amb	15 36 49.2
KHMM	Horse Mountain	43.84 318	I	Amb	I	Amb	15 36 50.8
KMPM	Mount Pierce	43.86 317	I	Amb	I	Amb	15 36 52.2
E09A	Wood Farm, Sta	43.90 328	I	Amb	I	Amb	15 36 50.3
E09A	comp=Z,28nm,0.9s		I	Amb	I	Amb	15 36 50.3
AQDB	Aquidauana	43.92 137	I	Amb	I	Amb	15 36 49.0
KRPM	Rodgers	44.17 318	I	Amb	I	Amb	15 36 53.4
I05D	Terrebonne, OR	44.28 324	I	Amb	I	Amb	15 36 54.6
CO01	Juntas del Tor	44.30 160	I	Amb	I	Amb	15 36 55.6
CO01	comp=Z,11nm,1.9s		I	Amb	I	Amb	15 36 55.6
DRLN	Deer Lake	44.35 27	P	P	P	P	15 36 52.6 +0.8
WIFE	Three Sisters-	44.39 323	I	Amb	I	Amb	15 36 54.7
G06A	Carlson Farm,	44.42 325	I	Amb	I	Amb	15 36 55.8
G06A	comp=Z,56nm,1.2s		I	Amb	I	Amb	15 36 55.8
CO06	Fray Jorge	44.45 162	I	Amb	I	Amb	15 36 56.0
RPN	Rapa Nui	44.64 210	LR	P	P	P	15 51 52.3
RPN	comp=Z,175nm,19.5s,baz=142,slow=31		LR	P	P	P	15 51 52.3
D08A	Wollman Farm,	44.66 328	I	Amb	I	Amb	15 37 54.2
K02D	Willamette Mer	44.75 321	I	Amb	I	Amb	15 36 56.6
WAH2	Wahiuke Slope	44.80 328	I	Amb	I	Amb	15 36 57.9
G05A	Wamic	44.80 325	I	Amb	I	Amb	15 36 58.2
E07A	Sunnyside	44.82 327	I	Amb	I	Amb	15 36 57.2
CO03	El Pedregal	44.90 161	P	P	P	P	15 36 58.3 +1.8
CO03	comp=Z,100nm,1.1s		I	Amb	I	Amb	15 36 59.7
H04A	Detroit Lake	44.97 324	I	Amb	I	Amb	15 36 58.5
H04A	comp=Z,90nm,1.3s		I	Amb	I	Amb	15 36 58.5
MXC	Moxie City	45.07 327	I	Amb	I	Amb	15 37 00.5
EPH	Ephrata	45.20 328	I	Amb	I	Amb	15 37 00.7
KEBM	Edson Butte	45.26 320	I	Amb	I	Amb	15 37 01.8
G04A	Mulino	45.44 324	I	Amb	I	Amb	15 37 03.4
SCHO	Schefferville	45.65 16	P	P	P	P	15 37 01.6 -0.4
SCHO	comp=Z,267nm,1.0s,baz=205,slow=6.4,SNR=224		LR	P	P	P	15 56 43.8
SCHO	comp=Z,542nm,21.5s,baz=214,slow=37		LR	P	P	P	15 56 43.8
SCHO	Schefferville	45.65 16	P	P	P	P	15 37 01.5 -0.4
LTY	Liberty	45.70 327	I	Amb	I	Amb	15 37 04.2
AMBA	Amambai (Brazi	46.11 138	eP	P	P	P	15 37 05.3 -0.7
ZON	Zonda	46.22 159	I	Amb	I	Amb	15 37 10.2
F04D	Rainier, OR	46.26 325	I	Amb	I	Amb	15 37 10.0
CFA	Coronel Fontan	46.43 159	P	P	P	P	15 37 09.9 +1.5
CFA	comp=Z,4.8nm,0.5s,baz=340,slow=7.7,SNR=26		P	P	P	P	15 37 09.9 +1.5
BDFB	Brasilia	46.63 125	P	P	P	P	15 37 08.8 -1.5
BDFB	comp=Z,27nm,0.8s,baz=284,slow=7.9,SNR=42		LR	P	P	P	15 37 08.8 -1.5
BDFB	comp=Z,466nm,20.0s,baz=313,slow=36		LR	P	P	P	15 57 07.6
BDFB	comp=Z,27nm,0.8s		I	Amb	I	Amb	15 37 10.0
VA01	Torpederas	46.64 163	I	Amb	I	Amb	15 37 12.8
EDM	Edmonton	46.70 338	I	Amb	I	Amb	15 37 10.9
VA03	San Esteban	46.73 162	P	P	P	P	15 37 10.2 +1.2
GNW	Green Mountain	47.04 327	P	P	P	P	15 37 12.1 -0.8
CPUP	Villa Florida	47.16 144	eP	P	P	P	15 37 13.4 -0.7
CPUP	comp=Z,8.5nm,0.9s,baz=180,slow=20,SNR=14		LR	P	P	P	15 59 04.2
CPUP	comp=Z,237nm,18.6s,baz=213,slow=38		LR	P	P	P	15 59 04.2
CPUP	Villa Florida	47.16 144	P	P	P	P	15 37 12.9 -1.2
ITRB	Iturama	47.19 131	eP	P	P	P	15 37 12.9 -1.6
FFC	Fort Churchill	47.31 354	I	Amb	I	Amb	15 37 15.8
MT16	CCHEN	47.35 162	I	Amb	I	Amb	15 37 18.1
NBPS	Pedro II - PI	47.38 107	eP	P	P	P	15 37 11.9 -4.3
MT08	Bocatomia Ro	47.52 161	P	P	P	P	15 37 19.5 +2.4
MT01	Popeta	47.55 163	I	Amb	I	Amb	15 37 18.8
SDBA	SAO DESIDERIO	47.56 119	eP	P	P	P	15 37 14.8 -2.7
B04A	Port Angeles	47.70 327	I	Amb	I	Amb	15 37 26.1
MT13	San Alfonso	47.72 162	I	Amb	I	Amb	15 37 22.2
B004	La Punta	47.85 162	I	Amb	I	Amb	15 37 22.3
B001	Tunca	48.09 163	I	Amb	I	Amb	15 37 24.2

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KUQ	Kuujuaa	48.24 13	P	P	P	P	15 37 21.6 -0.4
LLL	Lilloet	48.46 330	P	P	P	P	15 37 24.1 +0.2
LLL	comp=Z,25nm,0.8s		I	Amb	I	Amb	15 37 25.6
JANB	Januarua	49.36 122	eP	P	P	P	15 37 28.6 -2.7
BB19	Bebedouro	49.38 131	eP	P	P	P	15 37 29.3 -2.1
BIO2	San Fabin de	50.17 164	P	P	P	P	15 37 38.4 +1.3
BIO2	comp=Z,76nm,1.1s		I	Amb	I	Amb	15 37 40.1
PSAL	Palomas, Salto	50.70 148	eP	P	P	P	15 37 40.2 -0.8
ITAB	Concordia	50.97 140	eP	P	P	P	15 37 41.4 -1.8
DIAM	Diamantina, MG	51.55 125	eP	P	P	P	15 37 45.7 -2.2
NBTA	Tacaratu-PE	52.47 111	eP	P	P	P	15 37 49.7 -3.1
CPBS	Cacapava Do Su	52.47 144	eP	P	P	P	15 37 52.5 -1.8
BLKN	Baker Lake	52.95 355	I	Amb	I	Amb	15 37 58.9
RCBR	Riachuelo	53.06 106	eP	P	P	P	15 37 54.2 -4.8
NBPV	Petro Velho	53.83 107	eP	P	P	P	15 38 00.6 -4.0
PLCA	Paso Flores	54.19 165	P	P	P	P	15 38 08.3 +1.6
PLCA	comp=Z,80nm,0.9s,baz=335,slow=8.0,SNR=138		P	P	P	P	15 38 36.4 +2.5
PLCA	comp=Z,18nm,0.9s,baz=329,slow=10,SNR=4.4		P	P	P	P	15 39 11.5 +1.6
PLCA	comp=Z,18nm,0.9s,baz=330,slow=6.1,SNR=3.2		P	P	P	P	15 39 10.3 +0.4
PLCA	Paso Flores	54.19 165	P	P	P	P	15 38 08.1 +1.3
PLCA	comp=Z,30nm,0.9s		P	P	P	P	15 39 10.3 +0.4
PLCA	Paso Flores	54.19 165	P	P	P	P	15 39 10.3 +1.3
PLCA	comp=Z,113nm,1.0s		P	P	P	P	15 39 10.3
PLCA	Paso Flores	54.19 165	eP	P	P	P	15 38 04.0 -2.8
PLCA	Paso Flores	54.19 165	eP	P	P	P	15 38 08.2 +1.4
PLCA	comp=Z,125		P	P	P	P	15 39 11.4 +1.6
TRQA	Torquist	54.51 156	P	P	P	P	15 38 08.4 -0.6
TRQA	comp=Z,76nm,1.3s		I	Amb	I	Amb	15 38 10.8
TRQA	Torquist	54.51 156	P	P	P	P	15 38 08.4 -0.6
TRQA	comp=Z,76nm,1.3s		I	Amb	I	Amb	15 38 10.8
YKA	Yellowknife Ar	54.61 344	P	P	P	P	15 38 08.2 -1.1
YKA	comp=Z,16nm,0.9s,baz=143,slow=6.8,SNR=187		P	P	P	P	15 38 36.8 +0.3
YKA	comp=Z,17nm,1.0s,baz=142,slow=7.1,SNR=7.0		LR	P	P	P	16 04 32.9
YKA	comp=Z,320nm,18.7s,baz=131,slow=39		LR	P	P	P	15 38 08.9 -0.5
YKA	Yellowknife Ar	54.61 344	eP	P	P	P	15 38 08.9 -0.5
YKA	comp=Z,17nm,0.9s		I	Amb	I	Amb	15 38 14.4 -0.5
TOAD	Toad River Cms	55.35 337	P	P	P	P	15 38 14.4 -0.5
TOAD	comp=Z,17nm,0.9s		I	Amb	I	Amb	15 38 14.4 -0.5
U35K	Hyder	55.58 332	P	P	P	P	15 38 16.6 +0.1
V35K	Ketchikan	56.00 331	P	P	P	P	15 38 20.5 +1.0
T35M	Bob Quinn	56.29 333	P	P	P	P	15 38 22.9 +1.3
IVI	Ivigtut	56.65 21	I	Amb	I	Amb	15 38 23.9

SCRK	Sand Creek	65.66	336	P	P	15 39 24.5	-0.5
J26L	Joseph Creek	65.72	336	I	Amb	15 39 26.8	
J26L	Joseph Creek	65.72	336	P	P	15 39 25.3	0.0
H27K	Steamboat Moun	65.73	339	I	Amb	15 39 27.2	
H27K	Steamboat Moun	65.73	339	P	P	15 39 25.2	-0.1
M24K	Tolsona, Glenn	65.84	334	I	Amb	15 39 29.4	
M24K	Tolsona, Glenn	65.84	334	P	P	15 39 26.2	+0.1
F28M	Old Crow	65.84	340	I	Amb	15 39 27.0	
F28M	Old Crow	65.84	340	P	P	15 39 25.8	-0.2
PAX	Paxson	65.86	335	P	P	15 39 25.9	-0.4
RIDG	Independent Ri	65.91	335	P	P	15 39 26.8	+0.3
RIDG	Independent Ri	65.91	335	I	Amb	15 39 28.3	
RIDG	Independent Ri	65.91	335	P	P	15 39 26.5	0.0
G27K	Doyon Strip	66.05	339	P	P	15 39 27.0	-0.3
E28M	Babbage River	66.24	341	I	Amb	15 39 29.5	
E28M	Babbage River	66.24	341	P	P	15 39 28.0	-0.5
SCM	Sheep Creek Mo	66.25	333	I	Amb	15 39 29.6	
SCM	Sheep Creek Mo	66.25	333	P	P	15 39 28.5	-0.2
K24K	Donnelly Dome	66.32	335	P	P	15 39 29.2	+0.2
PWL	Port Wells	66.37	332	P	P	15 39 29.3	-0.1
M28M	Stokes View	66.37	342	P	P	15 39 29.2	0.0
D23K	Glacier Point	66.41	333	P	P	15 39 29.3	-0.3
J25K	Salcha River	66.47	336	I	Amb	15 39 31.3	
J25K	Salcha River	66.47	336	P	P	15 39 30.0	-0.1
KNK	Knik Glacier	66.61	332	P	P	15 39 30.4	-0.5
KNK	Knik Glacier	66.61	332	I	Amb	15 39 31.9	
KNK	Knik Glacier	66.61	332	P	P	15 39 30.3	-0.7
SEW	Seward	66.65	331	P	P	15 39 31.0	-0.2
SML	Sawmill	66.69	333	P	P	15 39 31.1	-0.4
WAT6	Susitna Watana	66.69	334	P	P	15 39 30.8	-0.8
E27K	Coleen River	66.69	340	P	P	15 39 31.1	-0.3
DHY	Denali Highway	66.71	334	P	P	15 39 31.7	0.0
G26K	Porcupine River	66.87	339	P	P	15 39 32.2	-0.3
O22K	Cooper Landing	66.90	331	P	P	15 39 32.2	-0.5
PRP	Porcupine Dome	66.90	337	P	P	15 39 32.9	0.0
GRP	Porcupine Dome	66.90	337	P	P	15 39 32.5	-0.4
PHO	Glory Hole Cre	66.94	333	I	Amb	15 39 34.4	
PMR	Palmer	66.97	332	P	P	15 39 32.8	-0.4
SUMG	Summit	67.00	14	I	Amb	15 39 35.3	
SUMG	Summit	67.00	14	i	P	15 39 32.0	-1.7
SUMG	Summit	67.00	14	I	Amb	15 39 35.0	
D27M	Malcolm River	67.01	342	I	Amb	15 39 34.4	
D27M	Malcolm River	67.01	342	P	P	15 39 33.2	-0.2
HDA	Harding Lake	67.02	336	P	P	15 39 32.9	-0.7
HDA	Harding Lake	67.02	336	I	Amb	15 39 34.1	
HDA	Harding Lake	67.02	336	P	P	15 39 32.8	-0.7
RC01	Rabbit Creek A	67.09	332	I	Amb	15 39 35.3	
RC01	Rabbit Creek A	67.09	332	P	P	15 39 33.7	-0.3
WAT1	Susitna Watana	67.13	334	P	P	15 39 33.4	-0.8
IL31	Il31	67.14	336	P	P	15 39 33.7	-0.5
ILAR	Eielson Array	67.14	336	P	P	15 39 33.3	-0.9
ILAR	Eielson Array	67.14	336	P	P	15 40 02.9	+0.6
ILAR	Eielson Array	67.14	336	P	P	15 41 55.5	-7.9
ILAR	Eielson Array	67.14	336	P	P	16 14 04.1	
ILAR	Eielson Array	67.14	336	P	P	15 39 33.6	-0.6
ILAR	Eielson Array	67.14	336	P	P	15 39 33.9	-0.3
SLKM	Skilak Lake	67.14	331	I	Amb	15 39 35.1	
BRSE	Bradley Lake S	67.17	330	P	P	15 39 33.5	-1.0
F26K	Fort Yukon	67.22	338	I	Amb	15 39 35.8	
F26K	Fort Yukon	67.22	338	P	P	15 39 35.2	-0.1
BMAR	Burnt Mountain	67.36	339	P	P	15 39 35.4	-0.2
RND	Reindeer	67.45	334	I	Amb	15 39 38.0	
CCB	Clear Creek Bu	67.46	336	P	P	15 39 35.3	-0.9
POKR	Poker Flat Res	67.48	336	P	P	15 39 36.0	-0.4
COLA	College	67.56	336	P	P	15 39 35.9	-0.9
COLA	College	67.56	336	P	P	15 39 36.4	-0.4
COLA	College	67.56	336	P	P	15 39 37.4	+0.6
COLA	College	67.56	336	P	P	15 39 36.2	-0.6
KDOK	Kodiak Island	67.58	328	LR	LR	16 12 09.1	
KDOK	Kodiak Island	67.58	328	P	P	15 39 37.2	+0.2
KDOK	Kodiak Island	67.58	328	P	P	15 39 37.3	+0.3
MCK	McKinley	67.60	335	P	P	15 39 37.1	0.0
MCK	McKinley	67.60	335	I	Amb	15 39 38.5	
MCK	McKinley	67.60	335	P	P	15 39 37.2	0.0
MCK	McKinley	67.60	335	P	P	15 39 37.0	-0.2
G25K	Bearman Lake	67.62	338	P	P	15 39 37.4	+0.3
CAPN	Captain Cook N	67.66	331	P	P	15 39 37.9	+0.4
SUA	Susitna One	67.67	332	I	Amb	15 39 38.7	
SUA	Susitna One	67.67	332	P	P	15 39 37.7	0.0
CUT	Chulitna	67.74	333	I	Amb	15 39 38.8	
CUT	Chulitna	67.74	333	P	P	15 39 37.5	-0.5
F25K	Christian River	67.80	339	P	P	15 39 38.4	+0.1
OHAK	Old Harbor	67.81	327	P	P	15 39 37.9	-0.6
H24K	Noodor Dome	67.92	337	I	Amb	15 39 40.1	
H24K	Noodor Dome	67.92	337	P	P	15 39 38.9	-0.3
NEA2	Nenana	67.95	336	I	Amb	15 39 40.2	
NEA2	Nenana	67.95	336	P	P	15 39 38.7	-0.6

E25K	Arctic Village	67.99	340	P	P	15 39 39.7	+0.1
C27K	Jago River	68.05	341	P	P	15 39 39.5	-0.4
TRF	Thorofare Moun	68.08	334	P	P	15 39 39.9	-0.5
TRF	Thorofare Moun	68.08	334	I	Amb	15 39 41.1	
TRF	Thorofare Moun	68.08	334	P	P	15 39 39.7	-0.6
G24K	Hadweenciz Riv	68.09	338	I	Amb	15 39 41.7	
G24K	Hadweenciz Riv	68.09	338	P	P	15 39 40.0	-0.2
SII	Sitkinak Islan	68.15	326	P	P	15 39 39.9	-0.8
NEEM	North Greenlan	68.15	8	i	P	15 39 40.4	-0.4
NEEM	North Greenlan	68.15	8	I	Amb	15 39 41.8	
O20K	Slope Mountain	68.17	330	P	P	15 39 40.4	-0.5
SKT	Skwentna	68.18	332	I	Amb	15 39 41.5	
SKT	Skwentna	68.18	332	P	P	15 39 40.2	-0.6
I23K	Minto, Yukon-K	68.25	336	I	Amb	15 39 42.2	
I23K	Minto, Yukon-K	68.25	336	P	P	15 39 41.1	-0.1
SPR	Spurr Chakacha	68.27	332	P	P	15 39 40.8	-0.7
RCD	Redoubt Volcan	68.33	331	I	Amb	15 39 42.9	
KTH	Kantishna Hill	68.38	334	I	Amb	15 39 43.0	
Q19K	Cape Douglas,	68.39	329	P	P	15 39 41.9	-0.3
C26K	Camden Bay	68.55	342	P	P	15 39 42.9	0.0
F24K	Squaw Lake	68.56	339	P	P	15 39 43.2	+0.1
BPAW	Bear Paw Mtn.	68.58	335	I	Amb	15 39 44.2	
BPAW	Bear Paw Mtn.	68.58	335	P	P	15 39 42.2	-1.0
PPLA	Purkeypile	68.73	333	I	Amb	15 39 44.8	
PPLA	Purkeypile	68.73	333	P	P	15 39 43.4	-1.0
D25K	Kavik River	68.76	341	I	Amb	15 39 45.8	
D25K	Kavik River	68.76	341	P	P	15 39 44.3	0.0
CHIR	Chirikof Islan	68.79	325	P	P	15 39 44.2	-0.5
M20K	Styx River	68.88	332	P	P	15 39 44.7	-0.6
BORG	Borgarnes	68.88	25	LR	LR	16 09 36.0	
PPT	Papeete	68.94	246	LR	LR	16 02 32.7	
PPT2	Papeete2	68.95	246	eP	P	15 39 47.2	+0.8
PPT2	Papeete2	68.95	246	eS	S	15 48 40.1	-2.3
PPT2	Papeete2	68.95	246	eSS	SS	15 53 10.0	-0.4
PPT2	Papeete2	68.95	246	eLR	LR	16 00 38.1	
PPT2	Papeete2	68.95	246	eLR	LR	16 00 46.0	
E24K	Your Creek	68.98	339	P	P	15 39 45.5	-0.2
O19K	Port Alsworth	69.02	330	I	Amb	15 39 47.3	
O19K	Port Alsworth	69.02	330	P	P	15 39 46.0	0.0
G23K	Bonanza Creek	69.04	338	I	Amb	15 39 47.6	
G23K	Bonanza Creek	69.04	338	P	P	15 39 46.2	0.0
CHUM	Chum Lake	69.07	334	P	P	15 39 45.2	-1.1
N19K	Bonanza Creek	69.25	331	I	Amb	15 39 48.4	
N19K	Bonanza Creek	69.25	331	P	P	15 39 46.6	-1.0
COLD	Coldfoot	69.29	338	I	Amb	15 39 49.4	
COLD	Coldfoot	69.29	338	P	P	15 39 47.8	+0.2
H22K	Ishlaitna Cre	69.29	337	P	P	15 39 47.5	-0.2
P18K	Big Mountain,	69.29	329	P	P	15 39 46.6	-1.2
I21K	Tanana	69.31	336	I	Amb	15 39 48.9	
I21K	Tanana	69.31	336	P	P	15 39 46.9	-0.8
E23K	Chandalar	69.37	339	I	Amb	15 39 49.7	
E23K	Chandalar	69.37	339	P	P	15 39 48.3	+0.1
O18K	Koktuh Hills	69.38	330	I	Amb	15 41 01.4	
O18K	Koktuh Hills	69.38	330	P	P	15 39 48.4	+0.1
Q17K	Contact Creek	69.40	328	P	P	15 39 47.8	-0.7
D24K	Happy Valley	69.50	340	P	P	15 39 48.4	-0.4
R17L	Mt. Pequik Vol	69.52	327	P	P	15 39 49.5	+0.3
TOLK	Tootik Lake Re	69.56	340	P	P	15 39 49.0	-0.3
C24K	Franklin Bluff	69.67	341	I	Amb	15 39 50.9	
C24K	Franklin Bluff	69.67	341	P	P	15 39 49.6	-0.3
G22K	Bettles	69.67	338	P	P	15 39 49.9	0.0
K20K	Telida	69.68	334	I	Amb	15 39 50.3	
K20K	Telida	69.68	334	P	P	15 39 49.2	-0.9
L19K	White Mountain	69.74	332	P	P	15 39 50.1	-0.4
H21K	Melozitna Riv	69.78	336	P	P	15 39 49.8	-0.9
P17K	Kvichak River	69.86	329	I	Amb	15 39 51.9	
P17K	Kvichak River	69.86	329	P	P	15 39 50.8	-0.4
Q16K	King Salmon	69.87	328	P	P	15 39 50.5	-0.7
N18K	Kilae Creek	69.89	331	P	P	15 39 50.4	-1.0
J20K	Nowinta River	69.93	334	I	Amb	15 39 51.9	
J20K	Nowinta River	69.93	334	P	P	15 39 50.7	-0.9
M18K	Stony River	70.03	331	P	P	15 39 51.3	-0.9
D23K	Nanushuk River	70.05	340	P	P	15 39 51.8	-0.5
R16K	Pilot Point	70.16	327	P	P	15 39 52.5	-0.5
E22K	Anaktuvik Pass	70.17	339	P	P	15 39 52.6	-0.4
I20K	Naaghedeneel	70.22	335	I	Amb	15 39 54.3	
I20K	Naaghedeneel	70.22	335	P	P	15 39 52.5	-0.8
O17K	Koliganek Bris	70.30	330	P	P	15 39 53.5	-0.4
G21K	Allakaket	70.30	337	I	Amb	15 39 55.5	
G21K	Allakaket	70.30	337	P	P	15 39 53.8	-0.1
C23K	Itkillik River	70.33	341	I	Amb	15 39 55.0	
C23K	Itkillik River	70.33	341	P	P	15 39 53.8	-0.1
N17K	Nushagak Hills	70.49	330	I	Amb	15 39 55.7	
N17K	Nushagak Hills	70.49	330	P	P	15 39 54.6	-0.4
F21K	Alatna River	70.50	338	I	Amb	15 39 57.0	

F21K	Alatna River
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3d 15h

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other technical details. Includes stations like MESJ, G16K, E17K, etc.

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Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other technical details. Includes stations like ECH, HFS, TUE, TOR, etc.

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Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other technical details. Includes stations like RONA, MODS, SHIU, etc.

ESDC Sonseca Array 58.06 54 P P 17 02 07.8 +1.6
ILAR Eielson Array 69.77 333 P P 17 03 22.1 -0.6
BRTR Keskin Array B 86.53 49 P P 17 04 58.5 +2.2

IDC 03 17:53:23.1+4.0, 1.27N:128.48E, h0km, mb3.4/3,
mbtmp3.4/3, Error ellipse: s-maj=406.6km
s-min=29.9km az=66.0, Halmahera

ASAR Alice Springs 25.34 168 P P 17 05 52.2 +0.4
STKA Stephens Creek 35.23 160 P P 17 00 18.8 -0.6
MKAR Makanchi Array 60.56 325 P P 17 03 35.4 0.0

NEIC 03 17:29:44.5+2.6, 60.21S:0.04+49.4W, h0km, 1km,
mb4.0/5, Error ellipse: s-maj=14.7km s-min=5.8km
az=262.0

IDC 03 17:29:45.0+0.7, 60.25S:0.08+49.41W, h10km, n24,
r+133/20, mb4.0/3, Scotia Sea

ESPZ Base Esperanza 4.78 225 Pn Pn 17 30 58.4 +1.4
ESPZ East Falkland 9.88 155 Pn Pn 17 31 57.1 -1.6
HOPE Hope Point 9.20 55 Pn Pn 17 31 57.1 -0.4

ILAR Eielson Array 144.19 313 PKPpdf PKPpdf 17 49 19.4 0.0
STLK Strandline Lake 144.29 307 PKPpdf PKPpdf 17 49 17.9 +0.2
SKT Skwentna 144.44 307 PKPpdf PKPpdf 17 49 20.2 +0.3

DJA 03 17:33:06.5+0.3, 9.9S:4.11E, h58km, 7km, M3.8/14,
mb4.2/4, MLV3.7/14, Sumbawa region

WBSI Waikabubak, Su 0.60 135 P Op Pn 17 33 20.2 +0.7
DBNI Kabupaten Domp 0.96 318 P S Pn 17 33 24.8 +0.8
PLAI Plampang 1.23 288 P Pn 17 33 28.2 +0.6

NOU 03 17:37:29.3, 20.08S:168.41E, h0km, MLV3.8/11, Loyalty
Islands
IDC 03 17:37:35.3+5.9, 20.05S:167.51E, h0km, mb3.6/3,
mbtmp3.5/4, ML2.6/1, Error ellipse: s-maj=115.7km
s-min=32.7km az=95.0

GBPR Guanica, Bosqu 0.09 349 P P 17 46 42.8 0.0
GBPR Guanica, Bosqu 0.09 349 P P 17 46 42.8 0.0
MLPR Magueyes Islan 0.19 294 P P 17 46 44.2 +0.2

CRPR 312nm,0.2s IAML 17 46 51.4
CRPR Cabo Rojo, PR 0.26 296 P P 17 46 46.0 +0.2
OBIP Obisapado Ponce 0.29 58 P P 17 46 46.3 0.0

PRSN Puerto Rico Se 0.42 320 P P 17 46 54.6 +0.1
PRSN Puerto Rico Se 0.42 320 P P 17 46 54.6 +0.1
PRSN Puerto Rico Se 0.42 320 P P 17 46 54.6 +0.1

AGPR Aguadilla, PR 0.62 338 P P 17 46 51.9 -0.8
AGPR Aguadilla, PR 0.62 338 P P 17 46 51.9 -0.8
AGPR Aguadilla, PR 0.62 338 P P 17 46 51.9 -0.8

IDE Isla Desecho 0.76 310 P P 17 46 54.9 -0.5
IDE Isla Desecho 0.76 310 P P 17 46 54.9 -0.5
IDE Isla Desecho 0.76 310 P P 17 46 54.9 -0.5

ISK 03 18:03:53.9, 34.10N:2.18E, h75km, ML3.4/10
IDC 03 18:03:57.3+2.1, 34.29N:24.32E, h47km, 20km, mb3.7/6,
mbtmp3.8/10, ML4.2/9, Error ellipse: s-maj=25.0km
s-min=2.7km az=112.0

GVD Gavdhos 0.59 341 P P 18 04 08.8 -1.9
GVD Gavdhos 0.59 341 P P 18 04 22.4 +2.2
GVD Gavdhos 0.59 341 P P 18 04 08.9 -1.8

AFAD 03 18:04:03.2, 34.56N:2.31E, h7km, 4km, ML3.2
ISC 03 18:03:57.8+1.2, 34.28N:0.08+24.32E, h0km, gkm,
m3, az=16/95, mb3.7/5, Crete

ZKR Zakros 1.77 61 P Pn 18 04 27.9 +1.8
ZKR Zakros 1.77 61 P Pn 18 04 27.9 +1.8
ZKR Zakros 1.77 61 P Pn 18 04 27.9 +1.8

YER Yerkesik 4.30 47 Pn Pn 18 05 01.7 +1.0
DALY Dalyan (Mula) 4.34 53 Pn Pn 18 05 02.0 +0.8
IZZE Mula-Seydiye 4.55 60 P S 18 05 04.0 +0.2

YER Yerkesik 4.30 47 Pn Pn 18 05 01.7 +1.0
DALY Dalyan (Mula) 4.34 53 Pn Pn 18 05 02.0 +0.8
IZZE Mula-Seydiye 4.55 60 P S 18 05 04.0 +0.2

ESEN Aydn-Nazilli 4.79 42 P S Pn 18 05 08.2 +0.8
DENIZLI Tavas 4.90 48 P S Pn 18 05 08.9 -2.7
DENIZLI Tavas 4.90 48 P S Pn 18 05 10.6 +1.6

CAEL Denizli, Camal 4.96 54 P S Pn 18 05 10.6 +0.8
CAEL Denizli, Camal 4.96 54 P S Pn 18 05 10.6 +0.8
CAEL Denizli, Camal 4.96 54 P S Pn 18 05 10.6 +0.8

BRTR Keskin Array B 9.22 51 P Pn 18 06 08.7 +0.6
MMAI Mount Aron Ar 9.32 95 P Pn 18 06 07.2 -2.4
MMAI Mount Aron Ar 9.32 95 P Pn 18 06 07.2 -2.4

EIL Elat 10.13 314 Pn Pn 18 06 18.4 -2.0
EIL Elat 10.13 314 Pn Pn 18 06 18.4 -2.0
EIL Elat 10.13 314 Pn Pn 18 06 18.4 -2.0

AKASG Malin Array Be 16.80 11 P Pn 18 07 47.5 -1.3
HFS Hagfors 26.78 348 P P 18 09 31.8 0.0
FINES Fines Array B 27.20 2 P P 18 09 34.9 -0.6

TORD Torodi Ar. Bea 29.40 230 P P 18 09 56.9 +1.3
KURBB Kurchatov Arra 42.21 50 P P 18 11 46.1 +1.4
MKAR Makanchi Array 44.84 56 P P 18 12 07.7 +1.8

ZALV Zalesovo Beam 46.11 46 P P 18 12 14.9 -0.8
NEIC 03 18:14:35.9, 1.1, 17.84N:0.01+66.89W, h10km, 1km,
s-min=2.6km az=17.0

GBPR Guanica, Bosqu 0.09 11 P P 18 14 39.3 0.0
GBPR Guanica, Bosqu 0.09 11 P P 18 14 39.3 0.0
GBPR Guanica, Bosqu 0.09 11 P P 18 14 39.3 0.0

CRPR Cabo Rojo, PR 0.23 301 P P 18 14 46.9 0.0
CRPR Cabo Rojo, PR 0.23 301 P P 18 14 46.9 0.0
CRPR Cabo Rojo, PR 0.23 301 P P 18 14 46.9 0.0

CRPR Cabo Rojo, PR 0.26 296 IAML 17 46 50.5
CRPR Cabo Rojo, PR 0.26 296 IAML 17 46 50.5
CRPR Cabo Rojo, PR 0.26 296 IAML 17 46 50.5

3d 19h

Table with columns: SJD, comp, Az, El, IAML, Res, Time, Res, ISC. Includes stations like San Juan, Guaynabo City, Col San Antonio, Loma Pena Alta.

WEL 03 18:18:01.9,0.8,32'S-19:17'9W,4.3,h12km,M4.0/7, mb4.5/1,ML4.2/1,MLv4.0/7,Mw(mb)3.6/1, Error ellipse: s-maj=61.2km s-min=5.8km az=113.3, confirmed, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like Green Lake, Matakoa Point, Raukumara Rang, etc.

IDC 03 19:03:57.8,18.0,2.33N,128.11E,h140km,183km, mb3.1/8,mbtmp3.6/8, Error ellipse: s-maj=104.3km s-min=27.7km az=62.0

DJA 03 19:03:59.6,0.5,2'N,5.12'E, h118km,5km, M4.0/13, mb4.1/6,ML4.0/13

ISC 03 19:03:58.5,0.9,2.4N,0.1,128.2E,0.1,h150km,n18, c094/17,mb3.3/7, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Terate, Sangihe, Sorong, Sanana, etc.

NEIC 03 19:14:09.1,1.8,18.1OS,0.1,178.4W,0.1,h593km,6km, mb4.3/86, Error ellipse: s-maj=16.7km s-min=13.3km az=141.0

IDC 03 19:14:11.0,2.0,18.08S,178.50W,h614km,23km, mb3.4/15,mbtmp3.3/16, Error ellipse: s-maj=16.2km s-min=11.0km az=140.0

ISC 03 19:14:08.5,0.8,18.05OS,0.07,178.41W,0.07,h592km,9km,n164,c0987/165,mb4.2/55,6C-10D,Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Afiamalu, Niue, Mare, Loyalty, etc.

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Main table with columns: AS31, IAmB, IAmB, Res, Time, Res, ISC. Lists stations like Alice Springs, Marble Bar, SBA, Vnda, etc.

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Table with columns: VNA2, SONM, LMEAL, YKAW3, MKAR, KURBB, BVAR, ARCES, FINES, AKASG, SORM, GIRR, BR13, BRTR, OSTAS, CRUM, UPC, STEB, DPC, KRILC, BRG, MORC, MLR, PVCC, MAUC, MMAI, PRU, VRAC, JAVC, PSZ, ARR, KRILC, SIRR, KHC, KRC, GKER, BZS, CONA, RONA, HERR, PLRV, MORH, LESA, BOVS, SOKA, WATA, WTTA, MYKA, SQT, ABTA, DAVA, FETA, STAL, FORD, TORDI, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes Ryukyu Islands and stations like IRIF, IRIF, JKRS, etc.

JMA 03 22:50:14.6:0.2,38.9N:0.5:14.2E, h37km,2km, MV3.6/32,E OFF MIYAGI PREF. JMA Felt 1 J1 at E OFF MIYAGI PREF. IDC 03 22:50:17.2:2.9,38.92N:142.56E, h58km,23km,mb3.3/6, mbtmp3.6/9,ML3.0/3,Error ellipse: s-maj=32.2km s-min=13.0km az=117.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes Honshu and stations like OFUJ, OFUJ, JKMT, etc.

ASAJ Asahikawa 5.19 2 P 0.5nm,0.3s,baz=258,slow=32,SNR=0.8

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes USRK, H1N2, H1N1, H1N3, H1S1, H1S3, H1S2, MKAR, KURBB, ILAR, BVAR, ASAR, FINES.

HEL 03 23:00:47.9:0.3,67.16N:20.65E, h0km,ML1.4, Suspected explosion,Sweden

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes LANU, LANU, KLF, KLF, HEF, HEF, HEF, KALU, KALU, TOF, TOF, KIF, KIF, KIF, KTK1, KTK1, RNF, RNF, TRO, TRO, BURU, BURU, RANF, RANF, OUL, OUL, ARAD, ARAD, RAJF, RAJF, KEV, KEV.

UPP 03 23:01:38.0:0.1,67.17N:20.51E, h0km,ML1.9, Suspected explosion,Sweden

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes DUNU, DUNU, MASU, MASU, MASU, KUA, KUA, SALU, SALU, HARU, HARU.

IDC 03 23:02:43.2:0.8,23.74S:115.42W, h0km,mb3.9/7, mbtmp3.9/7,MS3.8/15,Error ellipse: s-maj=33.3km s-min=25.9km az=124.8

ISC 03 23:02:44.7:0.8,23.7S:0.2:115.4W, h10km,n35, s=094/15,mb4.2/7,MS3.8/14, Southern East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes RPN, RPN, H03N2, H03N2, H03N3, H03N3, H03N1, H03N1, ATAH, ATAH, RAR, RAR, PLCA, PLCA, LPAZ, LPAZ, LPAZ.

IDC 03 23:16:37.8:0.9,34.45N:82.81E, h0km,mb3.5/10, mbtmp3.5/14,ML2.8/4,Error ellipse: s-maj=27.7km s-min=18.1km az=57.0

ISC 03 23:16:43.0:0.9,34.6N:0.1:83.0E:0.1, h35km,n14, s=192/14,mb3.5/8,Xizang

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes AAK, AAK, MKAR, MKAR, KURBB, KURBB, ZALV, ZALV, BVAR, BVAR, CMAR, CMAR, SONM, SONM.

IDC 03 23:36:09.9:0.7,4.60N:125.78E, h109km,5km,mb3.9/23, mbtmp4.3/25,Error ellipse: s-maj=22.3km s-min=8.2km az=81.0

NEIC 03 23:36:10.3:1.6,4.60N:0.06:125.96E:0.06, h104km,7km, mb4.5/44,Error ellipse: s-maj=11.2km s-min=5.2km az=49.0

DJA 03 23:36:10.7:0.3,4.1N:3.12'E, h97km,3km,ML4.9/31, mb4.8/31,MB5.5/12,ML4.9/15,Mw/(m)5.0/12

ISC 03 23:36:09.0:0.4,3.60N:0.04:126.09E:0.06, h100km,n130, s=1919/14,mb4.5/43,C-1D,Talud Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes SSSI, SSSI, DAV, DAV, DAV.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes CMIG, ROSC, CPUP, TXAR, SDV, NVAR, BDFB, BDFB, VNDA, PDAR, GQSA, GQSA, YKA, YKA, H1S2, H1S1, H1S3, H1N1, H1N2, MAW, LZDM, ZALV, ARTI, CMAR, BRTR, BVAR, KURBB, MKAR, PMSI.

IDC 03 23:04:47.1:1.6,10.9S:9.119E, h11km,10km,ML3.7/9, mb4.2/3,MLV3.9/7,Sumba region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes WBSI, WBSI, WBSI, DBNI, PLAI, EDFI, SOEI, GMJI, PMSI.

IDC 03 23:07:16.6:2.2,6.31S:129.41E, h119km,26km,mb3.0/2, mbtmp3.8/7,Error ellipse: s-maj=39.8km s-min=20.6km az=96.0

ISC 03 23:07:14.7:0.9,6.38S:0.06:129.5E:0.1, h100km,n7, s=286/10,Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes SIJI, SIJI, BATI, BATI, FITZ, FITZ, WRA, WRA, WRA, ASAR, ASAR, MKAR, MKAR, KURBB, KURBB.

IDC 03 23:12:26.0:0.4,2.54S:13.6E, h25km,4km,ML4.1/7, mb4.5/3,MLV3.9/7,MwMwp5.0/1,Mwp5.3/1,Irian Jaya region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes SRPI, SRPI, BAKI, BAKI, SPMI, SPMI, RPKI, RPKI, GENI, GENI, JAY, JAY, FAKI, FAKI, SWI, SWI, KRAI, KRAI.

IDC 03 23:36:09.9:0.7,4.60N:125.78E, h109km,5km,mb3.9/23, mbtmp4.3/25,Error ellipse: s-maj=22.3km s-min=8.2km az=81.0

NEIC 03 23:36:10.3:1.6,4.60N:0.06:125.96E:0.06, h104km,7km, mb4.5/44,Error ellipse: s-maj=11.2km s-min=5.2km az=49.0

DJA 03 23:36:10.7:0.3,4.1N:3.12'E, h97km,3km,ML4.9/31, mb4.8/31,MB5.5/12,ML4.9/15,Mw/(m)5.0/12

ISC 03 23:36:09.0:0.4,3.60N:0.04:126.09E:0.06, h100km,n130, s=1919/14,mb4.5/43,C-1D,Talud Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes H1S2, H1S1, H1N3, H1N1, H1N2, WRA, ASAR, BVAR, BRTR, SSSI, DAV, DAV.

IDC 03 23:36:09.9:0.7,4.60N:125.78E, h109km,5km,mb3.9/23, mbtmp4.3/25,Error ellipse: s-maj=22.3km s-min=8.2km az=81.0

NEIC 03 23:36:10.3:1.6,4.60N:0.06:125.96E:0.06, h104km,7km, mb4.5/44,Error ellipse: s-maj=11.2km s-min=5.2km az=49.0

DJA 03 23:36:10.7:0.3,4.1N:3.12'E, h97km,3km,ML4.9/31, mb4.8/31,MB5.5/12,ML4.9/15,Mw/(m)5.0/12

ISC 03 23:36:09.0:0.4,3.60N:0.04:126.09E:0.06, h100km,n130, s=1919/14,mb4.5/43,C-1D,Talud Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes H1S2, H1S1, H1N3, H1N1, H1N2, WRA, ASAR, BVAR, BRTR, SSSI, DAV, DAV.

IDC 03 23:36:09.9:0.7,4.60N:125.78E, h109km,5km,mb3.9/23, mbtmp4.3/25,Error ellipse: s-maj=22.3km s-min=8.2km az=81.0

NEIC 03 23:36:10.3:1.6,4.60N:0.06:125.96E:0.06, h104km,7km, mb4.5/44,Error ellipse: s-maj=11.2km s-min=5.2km az=49.0

DJA 03 23:36:10.7:0.3,4.1N:3.12'E, h97km,3km,ML4.9/31, mb4.8/31,MB5.5/12,ML4.9/15,Mw/(m)5.0/12

ISC 03 23:36:09.0:0.4,3.60N:0.04:126.09E:0.06, h100km,n130, s=1919/14,mb4.5/43,C-1D,Talud Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes SSSI, SSSI, DAV, DAV, DAV.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes FINES, ESDC, WRA, ILAR, ASAR, TORD, YKA.

IDC 03 23:16:56.3:0.4,43.09N:18.09E, h15km,1km,ML2.7/12, Error ellipse: s-maj=0.9km s-min=2.1km az=0.0

PRU 03 23:16:56.4,43.13N:18.61E, h1km BEO 03 23:16:56.4,0.5,43.18N:18.07E, h9km,6km,ML2.3/7

IE 03 23:16:59.3:0.6,43.34N:18.15E, h10km, mb2.6/2, ml2.3/3, ms4.0/1,Error ellipse: s-maj=11.5km s-min=5.3km az=58.0

59 km SSW of Sarajevo ISC 03 23:16:56.3:1.0,43.10N:0.02:18.06E:0.02, h14km,8km, n38, s=094/69,C-6D,Northern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes STON, STON, BRATOG, BRATOG, BRY, BRY, DBRK, DBRK, UPM, UPM, HCY, HCY, NKME, NKME, MAKA, MAKA, RIC, RIC, CEMI, CEMI, LSTV, LSTV, PLE, PLE, BUM, BUM, PDG, PDG, PDG, PDG, HVAR, HVAR, DRME, DRME, BBL, BBL, IVA, IVA, SJS, SJS, SJS, SJS, ULC, ULC, PVY, PVY, KLV, KLV, KLV, KLV, IVAS, IVAS, DIVS, DIVS, BLY, BLY, BLY, BLY, TEKS, TEKS, ZIRJ, ZIRJ, ZIRJ, ZIRJ, MORI, MORI, MORI, MORI, TRUS, TRUS, UDBI, UDBI, UDBI, UDBI, DUGI, DUGI, DUGI, DUGI, ZAPS, ZAPS, SOKA, SOKA, SOKA, SOKA, ABTA, ABTA, MOA, MOA, MOA, MOA, WTTA, WTTA, KHC, KHC, BRG, BRG, BRG, BRG.

IDC 03 23:36:09.9:0.7,4.60N:125.78E, h109km,5km,mb3.9/23, mbtmp4.3/25,Error ellipse: s-maj=22.3km s-min=8.2km az=81.0

NEIC 03 23:36:10.3:1.6,4.60N:0.06:125.96E:0.06, h104km,7km, mb4.5/44,Error ellipse: s-maj=11.2km s-min=5.2km az=49.0

DJA 03 23:36:10.7:0.3,4.1N:3.12'E, h97km,3km,ML4.9/31, mb4.8/31,MB5.5/12,ML4.9/15,Mw/(m)5.0/12

ISC 03 23:36:09.0:0.4,3.60N:0.04:126.09E:0.06, h100km,n130, s=1919/14,mb4.5/43,C-1D,Talud Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes H1S2, H1S1, H1N3, H1N1, H1N2, WRA, ASAR, BVAR, BRTR, SSSI, DAV, DAV.

IDC 03 23:36:09.9:0.7,4.60N:125.78E, h109km,5km,mb3.9/23, mbtmp4.3/25,Error ellipse: s-maj=22.3km s-min=8.2km az=81.0

NEIC 03 23:36:10.3:1.6,4.60N:0.06:125.96E:0.06, h104km,7km, mb4.5/44,Error ellipse: s-maj=11.2km s-min=5.2km az=49.0

DJA 03 23:36:10.7:0.3,4.1N:3.12'E, h97km,3km,ML4.9/31, mb4.8/31,MB5.5/12,ML4.9/15,Mw/(m)5.0/12

ISC 03 23:36:09.0:0.4,3.60N:0.04:126.09E:0.06, h100km,n130, s=1919/14,mb4.5/43,C-1D,Talud Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes H1S2, H1S1, H1N3, H1N1, H1N2, WRA, ASAR, BVAR, BRTR, SSSI, DAV, DAV.

IDC 03 23:36:09.9:0.7,4.60N:125.78E, h109km,5km,mb3.9/23, mbtmp4.3/25,Error ellipse: s-maj=22.3km s-min=8.2km az=81.0

NEIC 03 23:36:10.3:1.6,4.60N:0.06:125.96E:0.06, h104km,7km, mb4.5/44,Error ellipse: s-maj=11.2km s-min=5.2km az=49.0

DJA 03 23:36:10.7:0.3,4.1N:3.12'E, h97km,3km,ML4.9/31, mb4.8/31,MB5.5/12,ML4.9/15,Mw/(m)5.0/12

ISC 03 23:36:09.0:0.4,3.60N:0.04:126.09E:0.06, h100km,n130, s=1919/14,mb4.5/43,C-1D,Talud Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes H1S2, H1S1, H1N3, H1N1, H1N2, WRA, ASAR, BVAR, BRTR, SSSI, DAV, DAV.

IDC 03 23:36:09.9:0.7,4.60N:125.78E, h109km,5km,mb3.9/23, mbtmp4.3/25,Error ellipse: s-maj=22.3km s-min=8.2km az=81.0

NEIC 03 23:36:10.3:1.6,4.60N:0.06:125.96E:0.06, h104km,7km, mb4.5/44,Error ellipse: s-maj=11.2km s-min=5.2km az=49.0

DJA 03 23:36:10.7:0.3,4.1N:3.12'E, h97km,3km,ML4.9/31, mb4.8/31,MB5.5/12,ML4.9/15,Mw/(m)5.0/12

ISC 03 23:36:09.0:0.4,3.60N:0.04:126.09E:0.06, h100km,n130, s=1919/14,mb4.5/43,C-1D,Talud Islands

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Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DAV Davao City (W), TMTI Ternate, MRSI Marisa, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like USRK Ussuriysk Arr, BNK BinXian, JKA Kamikawa-asahi, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARLS Erkin-Say, EKS2 Erkin-Say, KK31 Karatay Array, etc.

KRNET 03 23:54:12.6:0.1, 41.20N:71.65E, h14km, mb2.0
NNC 03 23:54:15.9:2.7, 41.18N:71.74E, h0km, mb2.6, mpv2.7,
Error ellipse: s-maj=22.9km s-min=8.8km az=2.0

TRN 04 00:27:02.5, 10.81N:62.21W, h48km, MDW3.6, North of the
Pania peninsula.
FUNV 04 00:27:02.3, 10.80N:62.18W, h29km, MW3.3, Presumed
earthquake

ISN 04 00:27:01.4, 1.1079N:0.066224W, h55km, 36km,
n22, c1509/42, Near coast of Venezuela

Table with columns: GCMP, Grenada, Carri, 1.86, 25, eS, Sn, 00 27 52.8 -0.5, etc.

Table with columns: BOD, BOD, BOD, BOD, 18nm,0.8s, TRG, Tyrgan, 3.80, 240, ePn, Pn, 00 44 05.3 +1.0, etc.

Table with columns: CRPR, Cabo Rojo, PR, 0.24, 295, iP, Pg, 01 08 00.6 0.0, etc.

GUC 04 00:33:27.7-0.5,24'23S-67'58W,h227km,6km,ML3.6, Chile-Argentina border region

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

Table with columns: CRS, 34nm,0.8s, Smax, HRMR, Khuramsha, 4.28, 224, ePn, Pn, 00 44 13.5 +2.3, etc.

Table with columns: AOPR, Arecibo Observ, 0.46, 15, IAML, Pg, 01 08 12.0, etc.

IDC 04 00:43:06.4-2.4,54'77N:111'76E,h0km,mb2.7/3, mbtmp3.2/6,ML3.3/3,Error ellipse: s-maj=37.1km s-min=21.2km az=38.0

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

Table with columns: YKLR, Yuktali, 5.88, 68, ePn, Pn, 00 44 35.9 +2.8, etc.

Table with columns: HUMP, Col San Antoni, 1.01, 76, Pg, 01 08 14.4 -0.6, etc.

BYKL 04 00:43:07.1-0.1,54'83N:111'69E,h6km,2km ISC 04 00:43:05.9-0.6,54'79N:111'76E:0.02,1h10km,n37, e=277/88,3C-2D,Lake Baykal region

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

Table with columns: HILR, Hailir Array B, 7.18, 134, Pn, Pn, 00 44 52.6 +1.7, etc.

Table with columns: NEIC 04 01:27:30.7-1.1,18'53N:146'77E,h0km,mb3.8/8, mbtmp3.8/8,Error ellipse: s-maj=48.1km s-min=22.0km az=97.0, etc.

IDC 04 00:59:50.1-4.4,14'71S:176'53W,h0km,mb3.8/4, mbtmp3.7/4,Error ellipse: s-maj=195.6km s-min=38.2km az=142.0,Fiji Islands region

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

Table with columns: H1S2, WAKE ISLAND Hy, 36.90, 333, T, T, 01 47 23.2, etc.

Table with columns: ASAR, Alice Springs, 43.65, 197, P, P, 01 35 38.3 +0.6, etc.

NEIC 04 01:07:55.7-0.8,17'90N:0'03:66'89W:0'01,h10km,1jkm, ML2.4/22,ML2.4(RSPR),Error ellipse: s-maj=4.5km s-min=2.5km az=359.0

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

Table with columns: OSPL, 04 01:07:55.7-0.4,17'88N:66'93W,h19km,5km,ML2.3, Presumed earthquake

Table with columns: FINES, FINES Array B, 87.46, 336, P, P, 01 40 18.8 -0.7, etc.

RSPR 04 01:07:55.7,17'90N:0'03:66'89W,h7km ISC 04 01:07:55.6-1.4,17'90N:0'05:66'88W:0.02,h11km,6km,n39,e053/61,7D,Puerto Rico region

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

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

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

NNC 04 01:32:59.2, 1.6, 42.77N, 85.54E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=12.0km s-min=6.4km az=155.0

comp=Z,128nm,21.8s,baz=96,slow=34 5.4nm,0.9s

MT12 comp=E,622nm,0.3s IAML 02 11 24.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Podgornoye, Shalkode, Makanchi Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Fitz, CJC, Bati, Shem, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AROD, ARD, ACDD, etc.

SJA 04 02:10:24.4, 0.7, 32.19S, 69.34W, h120km, 2km, MLL3.4, MW3.5

GUC 04 02:10:25.1, 0.8, 32.14S, 69.66W, h130km, 9km, MLL3.7

ISC 04 02:10:25.1, 2.3, 32.17S, 0.02, 69.37W, 0.03, h118km, 7km, n61, -134/103, 6C-9D, Mendoza Province

UPA 04 01:40:31.4, 1.3, 9.07N, 77.84W, h36km, 8km, MLL3.2, MW3.0, Presumed earthquake

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RTLS, ASAL, ZON, etc.

RFA comp=Z,54nm,0.3s San Rafael 2.70 164 eP Pn 02 11 07.2 -0.5

BO02 Sierra Bellavi 2.87 204 eP Pn 02 11 09.9 0.0

MRA San Martin 3.10 96 eP Pn 02 11 12.8 -0.1

LCO Las Campanas 3.35 340f eP Pn 02 11 15.8 -0.6

AC05 El Tabinito 3.41 346 eP Pn 02 11 17.7 +0.6

ACLC CERRO LA CRUZ 3.43 38 eP Pn 02 11 17.5 +0.1

VCA Vinchina 3.56 17 eP Pn 02 11 19.8 +0.6

ML02 Panimavida 3.97 205 eP Pn 02 11 22.5 -1.9

AC04 Llanos de Chal 4.22 339 eS Pn 02 12 19.1 +3.0

TINO Tinogasta 4.38 21 eP Pn 02 11 30.3 +0.4

AC02 Maricunga 5.32 2 eP Pn 02 11 43.6 +0.7

ISC 04 01:40:28.2, 1.6, 9.23N, 0.05, 77.77W, 0.03, h14km, 11km, n17, -156/32, Near north coast of Colombia

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TOTI, UPD2, CAPC, etc.

GUM0 Guam 0.46 143 eP Pn 02 14 38.1 +0.3

PATS Pohnphei 15.24 116 P P 02 17 44.5 +3.6

JOW Kunigami 19.92 313 P P 02 18 34.7 +2.7

H1S3 WAKE ISLAND Hy 21.69 75 T T 02 41 47.2

H1N1 WAKE ISLAND Hy 21.70 75 T T 02 41 47.2

H1N2 WAKE ISLAND Hy 21.70 75 T T 02 41 47.2

H1N3 WAKE ISLAND Hy 21.72 72 T T 02 42 19.3

ISC 04 02:02:51.3, 0.9, 14.9S, 0.3, 174.0W, 0.2, h73km, n28, -056/10, mb3.8, Samoa Islands region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TOTI, UPD2, CAPC, etc.

JGF Kuroka 22.51 344 P Iamb Iamb 02 19 01.2

JGF Kuroka 22.51 344 P P 02 18 59.2 +0.4

JNU Nakatsue 22.80 329 P P 02 19 02.7 +1.3

MJAR Matsushiro Arr 23.20 347 P P 02 19 04.5 -0.5

MAJO Matsushiro 23.20 347 P P 02 19 05.7 +0.6

MAJO Matsushiro 23.20 347 P P 02 19 05.8 +0.8

MJB9 Matsu-Tunnel 23.21 347 P Iamb Iamb 02 19 05.7

KSRS Korea Array 27.71 331 P P 02 19 46.1 +0.5

COEN Coen 27.77 183 P Iamb Iamb 02 19 45.5 -0.8

WBO Warramunga Arr 34.98 197 P Iamb Iamb 02 20 48.3 -1.1

WRB Warramunga Arr 35.13 197 P Iamb Iamb 02 20 49.9

WRB Tennant Creek 35.15 197 P P 02 20 49.4 -1.5

ISC 04 02:02:41.7, 0.8, 14.92S, 173.96W, h0km, mb3.9, s-min=21.1km az=143.0

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TOTI, UPD2, CAPC, etc.

WRA Warramunga Arr 35.16 197 P P 02 20 49.9 -1.1

ISC 04 02:02:41.7, 0.8, 14.92S, 173.96W, h0km, mb3.9, s-min=21.1km az=143.0

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TOTI, UPD2, CAPC, etc.

WRA Warramunga Arr 35.16 197 P P 02 20 49.9 -1.1

ISC 04 02:02:41.7, 0.8, 14.92S, 173.96W, h0km, mb3.9, s-min=21.1km az=143.0

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TOTI, UPD2, CAPC, etc.

WRA Warramunga Arr 35.16 197 P P 02 20 49.9 -1.1

ISC 04 02:02:41.7, 0.8, 14.92S, 173.96W, h0km, mb3.9, s-min=21.1km az=143.0

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TOTI, UPD2, CAPC, etc.

WRA Warramunga Arr 35.16 197 P P 02 20 49.9 -1.1

ISC 04 02:02:41.7, 0.8, 14.92S, 173.96W, h0km, mb3.9, s-min=21.1km az=143.0

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TOTI, UPD2, CAPC, etc.

WRA Warramunga Arr 35.16 197 P P 02 20 49.9 -1.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, HILR Hallar Array B, DZM Mont Dzumac, etc.

JMA 04 02:23:59.0, 0.2, 42.3N, 0.6:142.0E, h, 97km, 1km, MV3.5/4.0, S OFF TOMAKOMAI

SKHL 04 02:23:59.0, 0.3, 42.30N, 142.20E, h111km, 2km, mb5.0/3, msh5.8/3

IDC 04 02:24:00.0, 1.2, 49.32N, 142.04E, h99km, 13km, mb3.3/11, mbmp3.7/14, Error ellipse: s-maj=22.2km s-min=13.5km az=149.0

ISC 04 02:24:00.0, 0.7, 42.32N, 0.0:142.02E, 0.0:0.3, h90km, 5km, n45.5, r14/59, mb3.4/11, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JIAM Iburiatsuma, JIAM Iburiatsuma, JIBD Hidakashinhida, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHO 270nm,0.3s, SHO 270nm,0.3s, SHO 270nm,0.3s, etc.

IDC 04 02:25:41.3, 2.8, 14.29S, 174.32W, h0km, mb3.7/4, mbmp3.7/4, MS3.5/4, Error ellipse: s-maj=27.18km s-min=26.9km az=153.0, Samoa Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PPT Papeete, H1S2 WAKE ISLAND Hy 37.56 330 T, H1S3 WAKE ISLAND Hy 37.58 330 T, etc.

IDC 04 02:45:22.2, 2.0, 17.82S, 172.97W, h0km, mb4.0/6, mbmp4.0/6, MS3.7/6, Error ellipse: s-maj=126.7km s-min=22.7km az=153.0

ISC 04 02:45:26.0, 2.1, 17.85S, 0.8:173.0W, 0.4, h26km, n18, r056/6, mb4.0/6, MS3.8/5, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, PAE Paea, PPT2 Papeete2, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SANVU Saraoutou, PMG Port Moresby, PMG Port Moresby, etc.

IDC 04 03:13:38.3, 1.0, 26.91N, 130.12E, h0km, mb3.9/9, mbmp3.9/10, ML3.2/1, MS3.7/1, Error ellipse: s-maj=29.0km s-min=16.5km az=60.0

NEIC 04 03:13:40.1, 7.2, 26.8N, 0.1:130.14E, 0.0:107, h10km, 2km, mb4.5/4, Error ellipse: s-maj=19.8km s-min=6.0km az=28.0

JMA 04 03:13:40.0, 0.1, 26.9N, 0.5:130.2E, 0.6, h51km, MV3.5/19, NEAR MINAMI-DAITOUJIMA IS

ISC 04 03:13:39.1, 7.2, 26.93N, 0.0:130.25E, 0.0:0.4, h6km, 11km, n38.1, r163/55, mb4.0/11, Southeast of Ryukyu Islands

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

mb4.4/9, Error ellipse: s-maj=18.0km s-min=9.2km az=210.0
DJA 04 03:40:46.6, 0.3, 2°N, 3°12'6E, h10km, M4.2/14, mB5.4/4,
mb4.1/7, MLV4.1/14, Mw(MB)4.8/4
ISC 04 03:40:47.6, 0.6, 1.56N, 0.07, 126.43E, 0.06, h35km, n38,
e=133/39, mb4.1/14, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the mb4.4/9 event.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the mb4.4/9 event.

NNC 04 04:13:10.2, 0.2, 8.2, 0.09N, 81.75E, h0km, mb3.0, mpv2.6,
Error ellipse: s-maj=6.8km s-min=4.3km az=161.0
SOME 04 04:13:14.6, 4.2, 37N, 81.75E, h15km
ISC 04 04:13:12.6, 4.3, 42.1N, 0.03, 81.44E, 0.10, h10km, n5,
e=185/8, 2C-5D, Northern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the NNC 04 04:13:10.2 event.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the mb4.4/9 event.

IDC 04 03:47:47.8, 6.5, 18.58S, 176.22W, h0km, mb4.1/2,
mbtmp4.1/2, Error ellipse: s-maj=340.4km
s-min=51.5km az=148.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the IDC 04 03:47:47.8 event.

NEIC 04 03:48:48.4, 1.0, 18.30N, 0.09, 68.24W, 0.07, h156km, 9km,
ML2.7/20, M3.3/11(RSPR), Error ellipse: s-maj=14.0km
s-min=8.8km az=191.0

SDD 04 03:48:49.1, 1.7, 18.12N, 68.38W, h143km, 15km, MD3.2,
ML2.5, MW2.9, Presumed earthquake
RSPR 04 03:48:49.7, 18.39N, 68.11W, h155km, 2km, MD3.3/11
ISC 04 03:48:46.5, 2.6, 18.22N, 0.2, 68.35W, 0.07, h158km, 16km,
n42, e=1340/66, 16C-11D, Mona Passage

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the IDC 04 03:47:47.8 event.

IDC 04 04:45:06.4, 0.6, 19.14N, 145.68E, h126km, 5km, mb4.1/23,
mbtmp4.5/28, M3.5/25, Error ellipse: s-maj=14.5km
s-min=8.2km az=83.0

NEIC 04 04:45:07.4, 1.8, 19.22N, 0.06, 145.75E, 0.1, h126km, 5km,
mb4.6/66, Error ellipse: s-maj=14.3km s-min=8.8km
az=90.0

ISC 04 04:45:06.5, 0.3, 19.19N, 0.04, 145.71E, 0.07, h126km,
h128, s1946/129, mb4.5/56, 1C-1D, Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the IDC 04 04:45:06.4 event.

IDC 04 04:45:06.4, 0.6, 19.14N, 145.68E, h126km, 5km, mb4.1/23,
mbtmp4.5/28, M3.5/25, Error ellipse: s-maj=14.5km
s-min=8.2km az=83.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the IDC 04 04:45:06.4 event.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details for stations like South Karori, Borovoye Array, etc.

IDC 04 05:03:57.5, 1.9, 4.84S: 151.79E, h0km, mb3.8/7, mbtmpp3.8/7, MS3.5/1, Error ellipse: s-maj=70, 1km

ISC 04 05:04:05.21, 1.9, 5.15S: 0.3, 152.1E: 0.4, h70km, n10, -2513/10, mb3.7/7, New Britain region

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details for stations like Port Moresby, DZM, WRA, etc.

MDD 04 05:06:23.4, 1.4, 4.3: 11N: 14.02W, h1km, Mb4.2/7, M_mb3.5/7, Error ellipse: s-maj=10.5km s-min=7.2km az=104.0

ISC 04 05:06:25.1, 4.0, 43.00N: 0.10, 13.8W: 0.2, h10km, n28, e1543/36, 7C, North Atlantic Ocean

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details for stations like MAZ, ZAM, EGAV, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details for stations like Montemor, Evora, Plasencia, etc.

OSPL 04 05:17:41.7, 0.4, 1.7: 83N: 66.90W, h20km, 6km, ML1.9, Presumed earthquake
NEIC 04 05:17:42.1, 0.5, 1.7: 90N: 0.04, 66.84W: 0.009, h8km, 5km, ML2.0/22, MD2.6/13(RSPR), Error ellipse: s-maj=5.4km s-min=1.1km az=188.0

RSPR 04 05:17:42.2, 17.92N: 66.87W, h7km, MD2.6/13, 1C-BD, Puerto Rico region

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details for stations like Guanica, Magueyes, Cabo Rojo, etc.

NEIC 04 05:23:01.6, 1.3, 1.7: 85N: 0.03, 66.83W: 0.01, h10km, 2km, ML2.0/22, MD2.8/10(RSPR), Error ellipse: s-maj=4.9km s-min=1.6km az=178.0

OSPL 04 05:23:02.5, 0.3, 1.7: 87N: 66.86W, h19km, 5km, ML1.7, Presumed earthquake
RSPR 04 05:23:02.5, 17.91N: 66.84W, h6km, MD2.8/10, 10C-3D, Puerto Rico region

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details for stations like Guanica, Magueyes, Cabo Rojo, etc.

Table with columns: Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details for stations like Cabo Rojo, Cerrillos, Las Mesas, etc.

IDC 04 05:38:46.9, 1.9, 23.08S: 177.90W, h269km, 17km, mb4.0/12, mbtmpp4.7/14, Error ellipse: s-maj=17.0km s-min=13.5km az=173.0

NEIC 04 05:38:49.0, 2.3, 23.2S: 0.1, 177.9W: 0.1, h280km, 9km, mb4.5/28, Error ellipse: s-maj=19.8km s-min=14.8km az=115.0

NOU 04 05:38:48.4, 23.02S: 177.06W, h349km, mb4.5/40, South of Fiji Islands
ISC 04 05:38:49.0, 0.4, 23.25S: 0.05, 177.74W: 0.06, h300km, n151, e201/154, mb4.5/30, 9C-4D, South of Fiji Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other technical details for stations like Raoul Island, Green Lake, Nonsavu, etc.

WSRZ	White Island S	0.62 166	P	Pn	07 18 59.8 -0.8	TMWZ	Te Maipa	4.45 190	P	Pn	07 19 28.6 -1.9	comp=Z.92nm,0.7s	ASAR	Alice Springs	39.09 277	P	P	07 25 14.6 0.0
WIZ	White Island	0.83 166	P	Pn	07 19 00.3 -0.4	MTW	Mount Morrison	4.57 194	P	Pn	07 19 29.3 -2.4	comp=Z.34nm,0.5s	ASAR	Alice Springs	39.09 277	P	P	07 25 14.6 0.0
KUZ	Kuautunu	0.97 268	P	Pn	07 19 00.7 -0.5	CAW	Cannon Point	4.62 198	P	Pn	07 19 29.3 -2.3	comp=Z.34nm,0.5s	WR8	Warramunga Arr	40.55 283	P	Iamb	07 25 26.1 -0.4
KUZ	Kuautunu	1.13 178	P	Pn	07 19 00.9 -0.4	DUWZ	D'Urville Isla	4.71 209	P	Pn	07 19 30.7 -2.6	comp=Z.92nm,1.2s	WR8	Warramunga Arr	40.55 283	P	Iamb	07 25 26.1 -0.4
WHZR	White Island	0.97 268	P	S	07 19 34.8 -1.0	TRWZ	Traveler	4.77 191	P	Pn	07 19 32.0 -1.9	comp=Z.92nm,1.2s	WR8	Warramunga Arr	40.55 283	P	Iamb	07 25 26.1 -0.4
TGRZ	Tauranga	1.14 208	P	Pn	07 19 01.7 -0.2	WHZR	Whangaiti	4.85 211	P	Pn	07 19 32.5 -2.5	comp=Z.92nm,1.2s	WR8	Warramunga Arr	40.55 283	P	Iamb	07 25 26.1 -0.4
OPRZ	Ohinepanea	1.16 195	P	Pn	07 19 01.7 -0.3	MSWZ	Moikau Station	4.87 195	P	Pn	07 19 32.5 -2.5	comp=Z.92nm,1.2s	WR8	Warramunga Arr	40.55 283	P	Iamb	07 25 26.1 -0.4
OPRZ	Ohinepanea	1.16 195	P	Pn	07 19 01.7 -0.3	MSWZ	Moikau Station	4.87 195	P	Pn	07 19 32.5 -2.5	comp=Z.92nm,1.2s	WR8	Warramunga Arr	40.55 283	P	Iamb	07 25 26.1 -0.4
HAZ	Te Kaha	1.24 147	P	Pn	07 19 01.8 -0.5	SNZO	South Karori	4.90 200	P	Pn	07 19 32.7 -2.6	comp=Z.101nm,1.4s	WR8	Warramunga Arr	40.55 283	P	Iamb	07 25 26.1 -0.4
GRZ	Great Barrier	1.28 291	P	Pn	07 19 02.4 -0.3	TCHW	Tory Channel	4.94 204	P	Pn	07 19 33.3 -2.5	comp=Z.101nm,1.4s	WR8	Warramunga Arr	40.55 283	P	Iamb	07 25 26.1 -0.4
GRZ	Great Barrier	1.28 291	P	Pn	07 19 02.4 -0.3	TCHW	Tory Channel	4.94 204	P	Pn	07 19 33.3 -2.5	comp=Z.101nm,1.4s	WR8	Warramunga Arr	40.55 283	P	Iamb	07 25 26.1 -0.4
MARZ	Manawhate	1.28 189	P	Pn	07 19 02.6 -0.1	BHW	Baring Head	4.95 198	P	Pn	07 19 33.0 -2.9	comp=Z.34nm,0.5s,baz=121,slow=7.8,SNR=215	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
LIRZ	Lichensteins R	1.35 199	P	Pn	07 19 03.1 +0.1	BHW	Baring Head	4.95 198	P	Pn	07 19 33.0 -2.9	comp=Z.34nm,0.5s,baz=121,slow=7.8,SNR=215	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
KMRZ	Kaimai	1.37 215	P	Pn	07 19 03.4 +0.2	TUWZ	Tuarua	5.25 205	P	Pn	07 19 37.2 -2.1	comp=Z.3.0nm,0.7s,baz=102,slow=4.1,SNR=5.7	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
KMRZ	Kaimai	1.37 215	P	Pn	07 19 03.4 +0.2	TUWZ	Tuarua	5.25 205	P	Pn	07 19 37.2 -2.1	comp=Z.3.0nm,0.7s,baz=102,slow=4.1,SNR=5.7	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
RUAZ	Raukumara Rang	1.38 155	P	S	07 19 38.9 -0.5	TUWZ	Tuarua	5.25 205	P	Pn	07 19 37.2 -2.1	comp=Z.5.5nm,0.7s,baz=115,slow=3.7,SNR=12	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
MXZ	Matakaoa Point	1.38 128	P	S	07 19 03.1 -0.1	INZ	Inchbonnie	5.27 211	P	Pn	07 19 36.8 -2.7	comp=Z.5.5nm,0.7s,baz=115,slow=3.7,SNR=12	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
MXZ	Matakaoa Point	1.38 128	P	S	07 19 03.1 -0.1	INZ	Inchbonnie	5.27 211	P	Pn	07 19 36.8 -2.7	comp=Z.5.5nm,0.7s,baz=115,slow=3.7,SNR=12	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
MXZ	Matakaoa Point	1.38 128	P	S	07 19 03.1 -0.1	INZ	Inchbonnie	5.27 211	P	Pn	07 19 36.8 -2.7	comp=Z.5.5nm,0.7s,baz=115,slow=3.7,SNR=12	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
MXZ	Matakaoa Point	1.38 128	P	S	07 19 03.1 -0.1	INZ	Inchbonnie	5.27 211	P	Pn	07 19 36.8 -2.7	comp=Z.5.5nm,0.7s,baz=115,slow=3.7,SNR=12	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
EDRZ	Edgcombe	1.39 186	P	Pn	07 19 02.9 -0.4	TKNZ	Takaka Hill	5.30 215	P	Pn	07 19 36.4 -3.2	comp=Z.7.0nm,1.3s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
KARZ	Kaharoa	1.41 203	P	Pn	07 19 03.4 0.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
WIAZ	Waiheke Island	1.45 267	P	Pn	07 19 03.5 -0.1	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
WIAZ	Waiheke Island	1.45 267	P	Pn	07 19 03.5 -0.1	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
CHNZ	Chania	1.45 198	P	S	07 19 39.2 -0.8	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
CHNZ	Chania	1.45 198	P	S	07 19 39.2 -0.8	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
PKRZ	Pakihoro	1.47 142	P	Pn	07 19 04.1 +0.4	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
PKRZ	Pakihoro	1.47 142	P	Pn	07 19 04.1 +0.4	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
MKAZ	Moumakai	1.47 254	P	Pn	07 19 03.5 -0.1	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
MKAZ	Moumakai	1.47 254	P	Pn	07 19 03.5 -0.1	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
NGRZ	Ngongotaha	1.50 203	P	Pn	07 19 04.2 +0.2	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
NGRZ	Ngongotaha	1.50 203	P	Pn	07 19 04.2 +0.2	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
TOZ	Tahuroa Road	1.52 228	P	Pn	07 19 04.0 0.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
TOZ	Tahuroa Road	1.52 228	P	Pn	07 19 04.0 0.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
TOZ	Tahuroa Road	1.52 228	P	Pn	07 19 04.0 0.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s	WRA	Warramunga Arr	40.68 282	P	P	07 25 27.5 0.0
URZ	Urewera	1.54 175	P	S	07 19 36.9 -4.0	QRZ	Quartz Range	5.35 219	P	Pn	07 19 37.6 -3.8	comp=Z.38nm,0.8s						

4d 7h

Table with columns for station name, frequency, polarization, and other technical details. Includes stations like YSS, AC05, USRK, PETK, TIA, CMAR, etc.

2020 JAN

Table with columns for station name, frequency, polarization, and other technical details. Includes stations like VORD, VSR, SOC, STEI, OBAN, FAUS, etc.

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Table with columns for station name, frequency, polarization, and other technical details. Includes stations like MKAR, I46RU, ZALV, etc.

NINC 04 07:29:52.9... Error ellipse: s-maj=26.1km s-min=2.6km az=66.0, Suspected Mining explosion.

IDC 04 07:29:57.4... ML1.9/2, Error ellipse: s-maj=50.9km s-min=18.9km az=92.0

ISC 04 07:29:52.8... 07:28:46E:0.3, h0km, n14, Eastern Kazakhstan

Table with columns for Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC, and other technical details.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SEDI, KONT, SULT, ANTB, GULA, LADK, AMAZ, etc.

SOME 04 07:56:31.7, 40.75N:83.30E, h5km
NCC 04 07:56:33.9: 1.1, 40.88N:83.37E, h0km, mb3.8, mpv3.3,
Error ellipse: s-maj=27.7km s-min=7.1km az=37.0,
Southern Xinjiang

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

ASRS 04 08:10:11.0: 1.5, 53.61N:88.16E, h0km, M2.4(MOS), The
of Russia in 2020, Obninsk, GS RAS, 2022.
IDC 04 08:10:13.9: 3.2, 53.63N:88.05E, h0km, mbtmp2.5/2,
ML2.0/2, Error ellipse: s-maj=27.1km s-min=17.0km
az=65.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, MKAR, etc.

TEH 04 08:24:35.2, 25.53N:63.18E, h10km, ML4.6, Presumed
earthquake
IDC 04 08:24:35.7: 0.6, 25.34N:63.14E, h0km, mb4.4/27,
mbtmp4.4/28, ML4.5/1, MS4.2/43, Error ellipse:
s-maj=15.2km s-min=13.4km az=6.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SMLA, SMLA, SMLA, MANEM, CHGR, CHGR, etc.

OMAN 04 08:24:47.7: 0.1, 25.26N:62.49E, h56km, 1km, mb4.6/23,
m4.6/6, Error ellipse: s-maj=1.6km s-min=1.3km az=286.0
ISC 04 08:24:40.7: 0.3, 25.41N:0.04E, h35km, n356,
az=213/360, mb4.7/97, MS4.2/51, 10C-2D, Southwestern
Pakistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NGCH, NGCH, CHBR, WSAR, JLN, JLN, WBK, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KKAR, DZA, DZA, UCH, UCH, AAK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SEKA, GANI, GANI, TNSN, TNSN, TNSN, etc.

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like F31M, G31M, ILAR, etc.

TEH 04 08:29:17.9, 31.71N:50.03E, h8km, 20km, ML3.5, Presumed earthquake

NEIC 04 08:29:18.3, 1.2, 31.75N:0.07:49.9E:0.1, h10km, 2km, mb4.1/13, Error ellipse: s-maj=17.3km s-min=9.3km az=241.0

ISC 04 08:29:19.2, 0.6, 31.89N:0.07:49.88E:0.04, h15km, n40, r126/40, mb4.3/10, Western Iran

Main table for station 201, listing codes, station names, and seismic data. Includes stations like AMIS, JIBN, ZNGM, etc.

IDC 04 08:31:55.7, 1.3, 36.95S:96.45W, h0km, mb3.8/6, mbmp3.8/6, MS3.8/15, Error ellipse: s-maj=38.0km s-min=29.1km az=62.0

GCMT 04 08:31:56.8, 0.4, 37.09S:0.02:96.70W:0.03, h23km, 2km, MW4.8/76, Moment Tensor Solution, s11, c12, s76, c20; Duration: 0 Moment tensor: Scale 10^19N; Mir-0.20s; 15; Mw=0.33s; 13; Mw=0.53s; 12; Mw=1.0s; 16; Mw=1.93s; 09; Mw=0.01s; 14; Best double couple; M=1.930000, 1016; NP1=186.00000, 587.00000, 1-1.00000; NP2=0.276, 0.00000, 889.00000, 1-1.77, 0.00000; Principal axes: T 2.0780, P1g2.0000, Azm51.0000, N-0.1960, P1g87.0000, Azm287.0000, P-1.8830, P1g3.0000, Azm141.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 04 08:31:56.8, 1.1, 37.07S:0.1:96.53W:0.04, h10km, 1km, mb4.4/33, Error ellipse: s-maj=21.4km s-min=5.9km az=181.0

ISC 04 08:31:56.6, 0.7, 36.93S:0.1:96.5W:0.1, h10km, n62, r059/39, mb4.4/17, MS3.8/15, West Chile Rise

Table for station 201, listing codes, station names, and seismic data. Includes stations like RPN, H03S2, etc.

Main table for station 2020 JAN, listing codes, station names, and seismic data. Includes stations like LLO2, B102, COVC, etc.

NNC 04 08:33:47.5, 10.0, 37.91N:72.01E, h0km, mb3.6, mpv3.0, 2C, Error ellipse: s-maj=86.0km s-min=53.6km az=151.0, Tajikistan

IDC 04 08:38:31.7, 0.7, 54.29N:34.86W, h0km, mb3.6/12, mbmp3.6/14, ML3.4/2, MS3.7/11, Error ellipse: s-maj=23.5km s-min=15.8km az=4.0

ISC 04 08:38:32.0, 0.7, 54.3N:0.2:34.89W:0.10, h10km, n23, r15/14/16, mb3.7/12, MS3.6/8, Reykjavik Ridge

Table for station 2020 JAN, listing codes, station names, and seismic data. Includes stations like SFJD, EKA, SCHO, etc.

Main table for station 4d 9h, listing codes, station names, and seismic data. Includes stations like PDAR, TORO, ILAR, etc.

GCG 04 09:00:16.4, 0.7, 15.41N:92.42W, h165km, 8km, MD4.0, ML3.9, Presumed earthquake

MEX 04 09:00:21.5, 0.6, 15.29N:92.28W, h149km, 5km, MD4.2, CATAC 04 09:00:21.8, 0.6, 15.4N:92.28W, h130km, 4km, MS2/10, MLV3.2/10, Error ellipse: s-maj=7.9km s-min=5.4km az=22.6, confirmed

ISC 04 09:00:18.5, 1.3, 15.31N:0.05:92.29W:0.03, h157km, 7km, n48, r0561/80, Mexico-Guatemala border region

Table for station 4d 9h, listing codes, station names, and seismic data. Includes stations like PAVE, PATR, PATR, etc.

Table with columns: CDF, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, Res. Includes stations like Champ du Feu, Wattenberg, Hinterfeld, etc.

ISC 04 11:00:23.5:2.2, 8:22S: 114:96E, h0km, mb3.4/3, mbmp3.5/4, ML3.5/1, Error ellipse: s-maj=110, 1km s-min=20.2km az=44.0

DJA 04 11:00:34.7:0.2, 9°S, 4°11'E, h73km, 5km, M4, 1/24, m54.5/1, mb4.0/12, MLV4, 1/24, MW(MB)3.6/1

ISC 04 11:00:35.0:1.0, 9:05S:0114:50E:0.05, h101km, m38, a150/34, mb3.2/3, Bali region

Main station list for the 203 region, including JAGI, RTBI, DNP, ABJI, etc.

FUNV 04 11:05:39.7, 7:38N:73:30W, h137km, MW3.8, Presumed earthquake

RSNC 04 11:05:40.0:4.0, 7°N, 1°7'3W, h123km, 2km, M3.0, ML2.8

ISC 04 11:05:38.6:1.2, 7:47N:003:73:31W:0.03, h127km, gkm, n46, a2502/87, Northern Colombia

Main station list for the 203 region, including EZNC, VM09, VM05, etc.

Table with columns: ANIL, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, Res. Includes stations like San Jos del P, Ortega, Tolima, Prado, etc.

THE 04 11:05:47.0, 42°N, 77°19'E, 5.5, h3km, 39km, MLh2, 6/3

TIR 04 11:05:48.1, 41.40N, 19.60E, h19km, ML2, 7/2

SKO 04 11:05:48.5, 41.45N, 19.45E, h6km, ML2, 3

BEQ 04 11:05:50.0, 0.4, 41.45N, 19.65E, h4km, 2km, ML2, 0/13

PDG 04 11:05:51.3, 0.1, 41.54N, 19.54E, h12km, ML2, 7/11, Error ellipse: s-maj=0.5km s-min=0.6km az=0.0

ISC 04 11:05:49.0:1.1, 41.45N:0.02:19.56E:0.03, h8km, gkm, n41, a093/75, 8C-3D, Albania

Main station list for the 2020 JAN region, including TIR, ULC, SLD, etc.

NEIC 04 11:10:54.4:1.5, 54:83N:0:07:162:31W:0:08, h83km, 8km, mb3.5/7, ML3.6/5, A(EIC), Error ellipse: s-maj=10.8km s-min=5.0km az=154.0

AEIC 04 11:10:56.2:2.5, 54:80N:0:06:162:29W:0:07, h67km, 7km, Error ellipse: s-maj=9.7km s-min=4.5km az=149.0

ISC 04 11:10:54.6:1.0, 54:87N:0:08:162:33W:0:05, h86km, gkm, n81, a082/83, Alaska Peninsula

Main station list for the 2020 JAN region, including DTNA, PSA4, PNTA, etc.

Main station list for the 4d 11h region, including AKSA, AKUT, VNSG, etc.

RSNC 04 11:13:45.7:0.0, 7°N, 1°7'3W, h149km, 2km, M2.6, ML2.4

FUNV 04 11:13:45.4, 6:80N:73:15W, h162km, MW3.2, Presumed earthquake

ISC 04 11:13:44.2:1.5, 6:85N:0:04:73:13W:0:04, h156km, gkm, n23, a1913/38, 3C-1D, Northern Colombia

Main station list for the 4d 11h region, including BARC, BRJC, PAMC, etc.

RSNC 04 11:14:26.4:0.0, 3°N, 1°7'4W, h16km, 5km, M1.9, ML1.7, Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kuruchto Arra, BVAR Borovoye Array, NRIK Norik'sk.

MDD 04 12:53:26.0, 2.3, 43.19N; 15.49W, h49km; 9.7km, Mb4.4/1.3, M_mb3.8/1.3, Error ellipse: s-maj=15.1km s-min=4.9km az=102.0

IGIL 04 12:53:28.1, 43.18N; 15.49W, h26km INMG 04 12:53:29.8, 1.0, 43.17N; 15.50W, h19km, ML2.7, Error ellipse: s-maj=5.6km s-min=4.3km az=89.0

ISC 04 12:53:30.1, 3.6, 42.93N; 0.09, 14.8W; 0.2, h10km, n55, a123/100, 11C, North Atlantic Ocean

Main table for station 205, listing codes, station names, azimuths, phase IDs, times, and residuals. Includes stations like MAZARICOS, ZAMANS, SANTO DOMINGO, PORTO, CABRIL, etc.

Table for station PBAR, listing codes, station names, azimuths, phase IDs, times, and residuals. Includes stations like BARRANCOS, VAQUEIROS, BARRANCO-DO-VE, etc.

IDC 04 13:05:58.4, 2.6, 6.31S; 126.20E, h0km, mb3.1/1.1, mbtmp3.3/3, ML3.1/2, MS3.0/1, Error ellipse: s-maj=298.2km s-min=31.6km az=63.0, Banda SEA

WEL 04 13:31:14.6, 0.8, 33.33S; 16.17W; 4.2, h12km, mb4.7/5, ML4.2/6, MLV4.2/7, Mw(mb)3.9/5, Error ellipse: s-maj=58.9km s-min=4.2km az=110.6, corlirnad

ISC 04 13:31:12.5, 1.8, 32.95S; 0.1, 178.1W; 0.3, h10km, n26, a1540/36, South of Kermadec Islands

Main table for station PBAR, listing codes, station names, azimuths, phase IDs, times, and residuals. Includes stations like WARRAMUNGA ARR, ASAR, CHIANG MAI ARR, GREEN LAKE, etc.

Table for station ROSC, listing codes, station names, azimuths, phase IDs, times, and residuals. Includes stations like ROSC, CRUZ VERDE, CU, SANTA HELENA, etc.

IDC 04 13:52:55.6, 0.5, 6.80N; 73.00W, h159km; 4km, mb4.0/2.3, mbtmp4.5/27, Error ellipse: s-maj=8.8km s-min=6.5km az=123.0

VAO 04 13:52:55.8, 0.7, 6.66N; 72.98W, h147km; 5km, mb4.7, Presumed earthquake

NEIC 04 13:52:56.6, 1.9, 6.78N; 0.08; 72.99W; 0.0, h164km; 7km, mb4.7/347, Error ellipse: s-maj=15.3km s-min=10.7km az=120.0

RSNC 04 13:52:56.3, 0.0, 7.1N; 1.7W; 3.3W; 1.1, h151km; 2km, MA.9, mb5.4, mb5.2, ML4.5, Mw(mb)4.8

ISC 04 13:52:55.6, 0.5, 6.83N; 0.03; 73.07W; 0.03, h159km; 4km, n599, a1919/506, mb4.7/171, 13C-5D, Northern Colombia

Main table for station ROSC, listing codes, station names, azimuths, phase IDs, times, and residuals. Includes stations like BARC, BARC, BARC, BARC, BARC, etc.

Table with columns: LPAZ, comp-Z, I, Amb, I, Amb, 13 58 27.5, etc. Lists various locations like La Paz, Porto dos Gac, etc.

Table with columns: LDAO, comp-Z, I, Amb, I, Amb, 41.02 2 P, etc. Lists various locations like Lac Daran, Rib, etc.

Table with columns: YKA, Yellowknife Ar, 63.27 340, P, 14 03 07.3 +0.2, etc. Lists various locations like Toad River, Bob Quinn, etc.

E29M	Blow River	74.56 340	P	P	14 04 18.0 +1.4
M26K	Nabesna, AK	74.74 333	P	P	14 04 19.4 +1.5
KA1M	Kayak Island	74.81 330	P	P	14 04 19.4 +1.1
F28M	Old Crow	74.99 339	P	P	14 04 20.2 +1.0
I27K	Kandik River	75.03 336	P	P	14 04 20.1 +0.7
L26K	Log Cabin Wild	75.05 334	IAMB	IAMB	14 04 22.1
L26K	Log Cabin Wild	75.05 334	P	P	14 04 20.8 +1.2
BMRM	Bremner River	75.14 331	P	P	14 04 21.2 +1.0
H27K	Steamboat Moun	75.18 337	P	P	14 04 21.2 +0.9
D28M	Stokes Point	75.19 340	P	P	14 04 21.0 +0.9
E28M	Babbage River	75.20 340	P	P	14 04 20.9 +0.5
N25K	Chitina, Valde	75.28 332	P	P	14 04 21.8 +0.8
G27K	Doyon Strip	75.40 338	P	P	14 04 22.3 +0.7
DOT	Dot Lake	75.52 334	IAMB	IAMB	14 04 25.2
J26L	Joseph Creek	75.52 335	P	P	14 04 23.2 +0.8
SCRK	Sand Creek	75.57 335	IAMB	IAMB	14 04 24.9
SCRK	Sand Creek	75.57 335	P	P	14 04 23.6 +0.9
EYAK	Cordova Ski Ar	75.59 331	P	P	14 04 23.6 +0.9
Q23K	Middleton Isla	75.67 330	P	P	14 04 23.7 +0.6
HARP	HAARP	75.71 333	P	P	14 04 24.5 +1.1
E27K	Coleen River	75.79 339	P	P	14 04 24.6 +0.8
KLU	Klutina	75.87 332	P	P	14 04 24.8 +0.4
RIDG	Independent Ri	75.88 334	IAMB	IAMB	14 04 26.2
RIDG	Independent Ri	75.88 334	P	P	14 04 25.2 +0.8
D27M	Malcolm River	75.90 340	P	P	14 04 24.7 +0.3
PAX	Paxson	75.98 333	P	P	14 04 25.8 +0.8
M24K	Tolsona, Glenn	76.12 332	P	P	14 04 26.7 +1.0
G26K	Porcupine Rive	76.25 338	P	P	14 04 27.1 +0.9
K24K	Donnelly Dome	76.30 334	P	P	14 04 27.4 +0.7
J25K	Salcha River,	76.31 335	P	P	14 04 27.6 +0.8
F26K	Sheenjek River	76.58 338	P	P	14 04 29.0 +0.8
PRP	Porcupine Dome	76.58 336	IAMB	IAMB	14 04 30.3
PRP	Porcupine Dome	76.58 336	P	P	14 04 29.3 +1.0
SCM	Sheep Creek Mo	76.60 332	P	P	14 04 29.1 +0.6
M23K	Glacier View	76.78 332	P	P	14 04 30.4 +1.0
DHY	Denali Highway	76.85 333	P	P	14 04 30.8 +0.8
PWL	Port Wells	76.90 331	P	P	14 04 30.7 +0.6
WAT6	Susitna Watana	76.92 333	P	P	14 04 31.0 +0.6
HDA	Harding Lake	76.93 335	IAMB	IAMB	14 04 31.6
HDA	Harding Lake	76.93 335	P	P	14 04 31.2 +1.0
C27K	Jago River	76.94 340	P	P	14 04 31.2 +1.1
ILAR	Eielson Array	76.98 335	P	P	14 04 30.5 +0.1
ILAR	Eielson Array	76.98 335	P	P	14 04 30.4 -0.1
KNK	Knik Glacier	77.05 331	P	P	14 04 31.8 +0.8
SML	Sawmill	77.06 332	P	P	14 04 32.1 +1.1
G25K	Bearman Lake	77.09 337	P	P	14 04 32.4 +1.4
F25K	Christion River	77.11 338	P	P	14 04 32.0 +0.8
E25K	Arctic Village	77.21 338	P	P	14 04 32.9 +1.2
POKR	Poker Plat Res	77.28 335	P	P	14 04 33.3 +1.2
SEW	Seward	77.33 330	P	P	14 04 33.7 +1.3
GHO	Glory Hole Cre	77.33 332	IAMB	IAMB	14 04 34.4
WAT1	Susitna Watana	77.34 333	P	P	14 04 33.5 +1.0
PMR	Palmer	77.40 332	P	P	14 04 33.4 +0.6
COLA	College	77.40 335	P	P	14 04 34.0 +1.3
C26K	Camden Bay	77.42 340	P	P	14 04 34.2 +1.4
O22K	Cooper Landing	77.52 330	P	P	14 04 34.3 +0.8
RND	Reindeer	77.57 333	IAMB	IAMB	14 04 36.1
H24K	Noodor Dome	77.60 336	P	P	14 04 34.9 +0.9
G24K	Hadweenzic Riv	77.61 337	P	P	14 04 35.1 +1.1
RC01	Rabbit Creek A	77.61 331	P	P	14 04 34.9 +0.8
MCK	McKinley	77.66 334	P	P	14 04 35.1 +0.8
D25K	Kavik River	77.78 340	IAMB	IAMB	14 04 36.5
D25K	Kavik River	77.78 340	P	P	14 04 36.0 +1.1
NEA2	Nenana	77.87 335	P	P	14 04 36.5 +1.1
M22K	Willow	77.89 332	P	P	14 04 36.5 +1.0
BRSE	Bradley Lake S	77.92 330	P	P	14 04 36.7 +0.9
F24K	Squaw Lake	77.93 338	P	P	14 04 36.8 +1.1
CUT	Chullina	78.06 332	P	P	14 04 36.9 +0.5
I23K	Minto, Yukon-K	78.08 335	P	P	14 04 37.3 +0.8
SUA	Susitna One	78.15 331	P	P	14 04 37.9 +0.7
TRF	Thorafore Moun	78.22 333	P	P	14 04 38.1 +0.6
CAPN	Captain Cook N	78.26 331	P	P	14 04 38.3 +0.7
E24K	Your Creek	78.27 338	P	P	14 04 38.4 +0.8
SKT	Skwentna	78.58 332	P	P	14 04 40.0 +0.6
D24K	Happy Valley	78.59 339	P	P	14 04 40.4 +1.1
G23K	Banza Creek	78.61 337	IAMB	IAMB	14 04 41.9
G23K	Banza Creek	78.61 337	P	P	14 04 40.5 +1.0
BP3W	Bear Paw Mtn.	78.61 334	P	P	14 04 40.7 +1.1
C24K	Franklin Bluff	78.66 340	IAMB	IAMB	14 04 41.1
C24K	Franklin Bluff	78.66 340	P	P	14 04 40.8 +1.2
K24K	Kodjak Island	78.67 328	P	P	14 04 40.5 +0.6
ED3K	Chandler	78.68 338	P	P	14 04 40.9 +1.0
COLD	Coldfoot	78.76 337	P	P	14 04 41.6 +1.3
TOLK	Toolik Lake Re	78.77 339	P	P	14 04 41.5 +1.2

O20K	Slope Mountain	78.90 330	P	P	14 04 42.2 +1.0
PPLA	Purkeypile	79.00 333	P	P	14 04 43.0 +1.2
RED	Rebuck Volcan	79.01 330	IAMB	IAMB	14 04 43.5
H22K	Ishlaltina Cre	79.03 336	P	P	14 04 42.5 +0.8
CHUM	Lake Minchum	79.17 334	P	P	14 04 43.2 +0.7
P19K	Oli Pt	79.17 329	P	P	14 04 43.3 +0.7
I21K	Tanana	79.18 335	P	P	14 04 43.3 +0.7
D23K	Nanushuk River	79.22 339	P	P	14 04 44.1 +1.4
G22K	Bettles	79.22 337	P	P	14 04 44.0 +1.3
O19K	Cape Douglas,	79.32 329	P	P	14 04 44.3 +0.8
M20K	Styx River	79.33 332	P	P	14 04 44.4 +0.9
C23K	Chukchi River	79.34 340	P	P	14 04 44.4 +1.1
E22K	Anaktuvuk Pass	79.51 338	P	P	14 04 45.1 +0.8
H21K	Melozitna Rive	79.58 336	P	P	14 04 45.6 +0.9
O19K	Port Alsworth	79.76 330	P	P	14 04 46.2 +0.4
N19K	Bonanza Creek	79.89 331	P	P	14 04 47.1 +0.5
K20K	Telida	79.89 333	P	P	14 04 47.6 +1.1
D22K	Aiyikavik River	79.92 339	IAMB	IAMB	14 04 49.1
D22K	Aiyikavik River	79.92 339	P	P	14 04 47.7 +1.1
G21K	Allakaket	79.96 336	P	P	14 04 47.9 +1.1
J20K	Novita River	80.00 334	IAMB	IAMB	14 04 48.3
J20K	Novinta River	80.00 334	P	P	14 04 48.0 +1.0
F21K	Alatina River	80.03 337	P	P	14 04 48.0 +0.9
L19K	White Mountain	80.16 332	P	P	14 04 48.6 +0.7
P18K	Big Mountain,	80.17 329	P	P	14 04 48.7 +0.6
O18K	Koktuh Hills	80.18 330	P	P	14 04 48.4 +0.3
I20K	Naaghedeneel	80.20 335	P	P	14 04 48.6 +0.6
E21K	Klikik River	80.34 338	P	P	14 04 49.5 +0.6
B22K	Teshekpuk Lake	80.36 340	P	P	14 04 49.9 +1.1
H20K	Anieneega Mo	80.42 335	P	P	14 04 50.1 +0.9
Q17K	Contact Creek	80.45 328	P	P	14 04 50.3 +0.6
N18K	Kilae Creek	80.57 330	P	P	14 04 50.9 +0.8
M18K	Stony River,	80.58 331	P	P	14 04 50.7 +0.6
J19K	Poorman	80.63 334	P	P	14 04 51.1 +0.7
R17L	Mt. Peulik Vol	80.68 327	P	P	14 04 51.6 +0.8
B21K	Ikpikpuk River	80.69 339	IAMB	IAMB	14 04 52.1
B21K	Ikpikpuk River	80.69 339	P	P	14 04 51.4 +0.9
C21K	Knifeblade Rid	80.71 339	P	P	14 04 51.6 +0.9
P17K	Kvichak River	80.78 329	P	P	14 04 51.6 +0.4
Q16K	King Salmon	80.87 328	P	P	14 04 52.4 +0.7
F20K	Avarant Lake	80.88 337	P	P	14 04 52.4 +0.8
A22K	Sinclair Lake	80.94 341	P	P	14 04 52.9 +1.0
L18K	Granite Mouna	81.02 332	P	P	14 04 52.8 +0.4
H19K	Roundabout Mou	81.08 335	P	P	14 04 53.5 +0.8
J17K	Innoko River	81.09 333	P	P	14 04 53.9 +1.0
O17K	Koliganek Bris	81.13 329	P	P	14 04 53.6 +0.6
E20K	Nigu River	81.14 338	P	P	14 04 53.9 +0.8
N17K	Nuvagak Hills	81.20 330	P	P	14 04 53.9 +0.4
GCSA	Galena City Sc	81.22 334	P	P	14 04 54.3 +0.9
NB2	NORSAR Subarra	81.23 29	P	P	14 04 54.6 +0.6
NOA	NORSAR Array B	81.30 29	P	P	14 04 53.7 -0.4
R16K	Pile Point	81.33 327	P	P	14 04 55.0 +0.9
D20K	Etiivuk River	81.33 338	IAMB	IAMB	14 04 56.9
D20K	Etiivuk River	81.33 338	P	P	14 04 54.9 +0.8
M17K	Holitna River	81.35 331	P	P	14 04 55.0 +0.8
G19K	Purcell Mouna	81.37 336	P	P	14 04 55.2 +1.0
E19K	Redstone River	81.49 337	P	P	14 04 55.7 +0.8
A21K	Barrow	81.50 341	P	P	14 04 55.5 +0.7
P16K	Nushagak River	81.57 329	P	P	14 04 56.2 +0.8
B20K	Meade River	81.60 340	P	P	14 04 56.4 +1.0
O16K	Kokvok River B	81.63 329	P	P	14 04 56.4 +0.6
F19K	Shalercuk Mo	81.68 337	P	P	14 04 56.7 +0.9
L17K	Donlin	81.77 332	P	P	14 04 56.9 +0.4
K17K	Iditarod	81.79 332	P	P	14 04 57.4 +0.9
H18K	Honhosa River	81.87 335	IAMB	IAMB	14 04 60.0
H18K	Honhosa River	81.87 335	P	P	14 04 58.0 +1.1
D19K	Kuna River	81.87 338	IAMB	IAMB	14 04 59.2
D19K	Kuna River	81.87 338	P	P	14 04 57.7 +0.8
N16K	Nishlik Lake	81.98 330	P	P	14 04 58.5 +0.9
G18K	Tagagavik	82.00 336	P	P	14 04 58.9 +1.3
M16K	Timber Creek	82.08 331	P	P	14 04 59.3 +1.2
J17K	VARD Dome	82.15 333	P	P	14 04 59.6 +1.2
L16K	Owhat River	82.33 331	P	P	14 05 00.8 +1.4
F18K	Selawik	82.42 336	P	P	14 05 01.1 +1.3
C19K	Lookout Ridge	82.42 339	IAMB	IAMB	14 05 03.0
C19K	Lookout Ridge	82.42 339	P	P	14 05 01.0 +1.2
CHNA	Chernabura Isl	82.46 324	P	P	14 05 00.9 +0.8
HFS	Hagfors	82.52 30	P	P	14 05 00.2 -0.2
O15K	Ungalikthiuk R	82.52 329	P	P	14 05 01.3 +0.9
H17K	Granite Mouna	82.52 335	P	P	14 05 01.2 +0.9
N15K	Kwethluk River	82.64 330	P	P	14 05 02.2 +1.1
GERES	GERESS Array B	82.79 42	P	P	14 05 01.3 -0.9
E18K	Tukpahleirik C	82.79 337	P	P	14 05 03.0 +1.4

G17K	Kiwalik Mouna	82.83 335	P	P	14 05 03.4 +1.5
J16K	Anvik River	82.84 333	P	P	14 05 03.2 +1.2
I17K	Unalakleet	82.87 334	IAMB	IAMB	14 05 04.7
I17K	Unalakleet	82.87 334	P	P	14 05 03.1 +1.0
M15K	Kasigluk River	82.93 330	P	P	14 05 04.0 +1.5
A19K	Wainwright	82.94 340	P	P	14 05 03.4 +1.1
SDPT	Sand Point	82.96 325	P	P	14 05 04.0 +1.3
C18K	Utukok River	83.00 338	P	P	14 05 03.8 +1.0
F17K	Baldwin Pennin	83.06 336	P	P	14 05 03.7 +0.7
SPITS	Spitsbergen Ar	83.25 12	P	P	14 05 04.1 +0.3
E17K	Hotham Inlet	83.28 337	P	P	14 05 05.3 +1.2
L15K	Ungalak Mouna	83.29 331	P	P	14 05 05.5 +1.2
K15K	Wolf Creek Mou	83.29 332	P	P	14 05 05.5 +1.2
H16K	Elin	83.52 334	P	P	14 05 06.5 +1.1
G16K	Koyuk River	83.54 335	P	P	14 05 06.5 +1.0
C17K	DeLong Mounai	83.74 338	P	P	14 05 07.6 +1.1
D17K	Noatak River	83.74 337	P	P	14 05 07.7 +1.3
S12K	Black Hills	83.84 325	P	P	14 05 07.9 +0.7
L14K	Kuka Creek	83.87 331	P	P	14 05 08.2 +1.0
J14K	Nanvaranak Lak	84.20 332	P	P	14 05 10.0 +1.1
M13K	Dall Lake	84.25 330	P	P	14 05 10.2 +1.0
G15K	Niuluk	84.27 335	P	P	14 05 10.6 +1.4
F15K	North Star Dit	84.48 335	P	P	14 05 11.5 +1.3
C16K	Lisburne Hills	84.55 338	P	P	14 05 11.8 +1.

O29M	S	Sg	15 38 12.0 +0.7
PINN	0.52 280	P	Pg 15 38 07.8 +0.5
PINN	S	Sg	15 38 16.1 +1.9
PCA	0.53 280	Pg	15 38 07.9 +0.4
PCA	0.53 280	Pg	15 38 16.2 +2.0
PCA	0.53 280	Pg	15 38 07.9 +0.4
PCA	0.53 280	Pg	15 38 16.1 +1.9
YK2	0.55 204	Pb	15 38 09.2 -0.6
YK2	IAML	Pb	15 38 19.0
YK2	IAML	Pb	15 38 23.7
YUK7	0.75 46	Pg	15 38 11.5 -0.3
YUK7	P	Sg	15 38 21.9 +0.5
YUK7	P	Sg	15 38 11.9 +0.1
YUK7	P	Sg	15 38 21.8 +0.4
O28M	0.90 328	Pg	15 38 13.9 -0.7
O28M	0.90 328	Pg	15 38 28.2 -0.3
O28M	0.90 328	Pg	15 38 14.0 -0.7
O28M	0.90 328	Pg	15 38 25.3 -1.0
O28M	0.90 328	Pg	15 38 13.6 -1.1
O28M	S	Sg	15 38 25.9 -0.4
YUK6	1.02 24	Pg	15 38 16.9 -0.1
YUK6	P	Sg	15 38 31.2 +0.9
YUK6	P	Sg	15 38 17.0 -0.1
YUK6	P	Sg	15 38 31.2 +0.9
YUK6	P	Sg	15 38 16.9 -0.1
YUK6	S	Sg	15 38 30.5 +0.2
TABL	1.05 295	Pg	15 38 17.0 -0.5
TABL	1.05 295	IAML	15 38 35.0
TABL	IAML	Pg	15 38 38.2
TABL	1.05 295	P	15 38 17.1 -0.4
TABL	P	Sg	15 38 32.3 +1.2
P30M	1.14 84	Pg	15 38 18.1 -1.1
P30M	1.14 84	Pg	15 38 18.1 -1.1
P30M	1.14 84	Pg	15 38 33.5 -0.4
P30M	1.14 84	Pg	15 38 18.1 -1.1
P30M	S	Sg	15 38 33.2 -0.8
HYT	1.18 46	Pg	15 38 19.2 -0.8
HYT	IAML	Pg	15 38 38.9
HYT	IAML	Pg	15 38 38.9
HYT	1.18 46	P	15 38 34.5 -0.7
HYT	P	Sg	15 38 19.2 -0.8
HYT	P	Sg	15 38 35.4 +0.1
HYT	P	Sg	15 38 19.2 -0.8
HYT	S	Sg	15 38 35.1 -0.1
LOGN	1.20 313	Pg	15 38 18.8 -1.5
LOGN	IAML	Pg	15 38 40.9
LOGN	IAML	Pg	15 38 41.2
LOGN	1.20 313	P	15 38 18.9 -1.4
YUK8	1.30 348	Pg	15 38 21.3 -1.1
YUK8	P	Sg	15 38 21.4 -0.9
YUK8	P	Sg	15 38 40.1 -0.9
YUK8	P	Sg	15 38 21.2 -1.1
YUK8	S	Sg	15 38 39.8 +0.6
YUK5	1.31 30	Pg	15 38 39.8 +0.4
YUK5	P	Sg	15 38 21.9 -0.5
YUK5	P	Sg	15 38 39.3 -0.1
BRWY	1.36 4	P	15 38 22.9 -0.6
YUK4	1.36 12	Pb	15 38 25.1 +1.3
YUK4	1.36 12	Pb	15 38 25.1 +1.3
MESA	1.38 278	Pg	15 38 23.0 -0.7
MESA	IAML	Pg	15 38 42.2 +0.6
MESA	IAML	Pg	15 38 45.8
MESA	1.38 278	P	15 38 23.2 -0.5
MESA	P	Sg	15 38 42.2 +0.6
MESA	P	Sg	15 38 23.1 -0.7
MESA	S	Sg	15 38 42.3 +0.7
CTGM	1.42 313	Pn	15 38 22.5 -1.7
CTGM	IAML	Pn	15 38 46.1
CTGM	IAML	Pn	15 38 46.8
CTGM	1.42 313	Pn	15 38 22.6 -1.7
CTGM	1.42 313	Pn	15 38 22.2 -2.1
CTG	S	Sg	15 38 43.4 +0.5
GRNC	1.45 301	Pn	15 38 23.3 -1.5
GRNC	IAML	Pn	15 38 49.9
GRNC	1.45 301	Pg	15 38 43.8 -0.1
GRNC	Pn	Sg	15 38 23.4 -1.4
GRNC	Pn	Sg	15 38 25.0 -0.1
GRNC	Pg	Sg	15 38 43.0 -0.9
BAGL	1.51 290	Pb	15 38 24.4 -1.0
BAGL	Pb	Sg	15 38 24.7 -1.3
PLBC	1.55 110	Pn	15 38 24.4 -1.6
PLBC	Pn	Pn	15 38 24.4 -1.6
PLBC	1.55 110	Pn	15 38 24.5 -1.6
PLBC	S	Sn	15 38 45.6 -1.1
BARN	1.60 312	Pn	15 38 25.9 -0.9
BARN	IAML	Pn	15 38 51.0
BARN	IAML	Pn	15 38 51.6
BARN	1.60 312	Sn	15 38 47.5 -0.6
CYK	1.64 274	Pn	15 38 27.5 +0.4
ISLE	1.66 292	IAML	15 38 51.8
ISLE	IAML	Pn	15 38 55.9
BARK	1.68 285	Pn	15 38 27.7 -0.1
O30N	1.73 63	Pn	15 38 28.3 -0.3
O30N	1.73 63	Pn	15 38 28.6 +0.1
O30N	1.73 63	Pn	15 38 51.8 -0.3
O30N	1.73 63	Pn	15 38 28.5 -0.1
O30N	S	Sn	15 38 51.5 +0.3
N30M	1.79 35	Pn	15 38 29.5 +0.1
N30M	IAML	Pn	15 38 56.9
N30M	IAML	Pn	15 38 57.1
N30M	1.79 35	Pn	15 38 29.5 +0.1
N30M	Pn	Sg	15 38 57.0 -0.2
N30M	Pn	Sg	15 38 53.8 0.0
N30M	1.79 35	Pn	15 38 29.5 +0.1
N30M	Sb	Sb	15 38 54.0 +0.2
KIAG	1.80 302	Pn	15 38 29.4 -0.2
KIAG	Sg	Sb	15 38 54.5 +0.3
SNH	1.82 277	Pn	15 38 30.3 +0.6
SNH	IAML	Pn	15 38 55.9
BALM	1.85 305	Pn	15 38 30.1 -0.2
BALM	Sg	Pb	15 38 56.0 +0.4
WAX	1.86 285	Pn	15 38 30.6 +0.2
YUK3	1.87 342	Pn	15 38 31.1 +0.5
YUK3	Pn	Sb	15 38 31.2 +0.6
YUK3	Pn	Sb	15 38 56.8 +0.5
YUK3	S	Sn	15 38 31.2 +0.6
YUK3	S	Sn	15 38 55.3 +0.4
TGL	1.94 294	Pn	15 38 31.6 +0.1
TGL	IAML	Pn	15 39 02.4

TGL	IAML	Pn	15 39 03.2
YUK2	1.95 337	Pn	15 38 32.1 +0.6
YUK2	1.95 337	Pn	15 38 32.5 +0.9
YUK2	Pn	Sb	15 38 59.5 +1.1
PTPK	1.99 308	Pn	15 38 32.5 +0.3
PTPK	1.99 308	Pn	15 38 32.8 +0.6
PTPK	2.05 104	Pg	15 39 01.2 +0.1
SKAG	2.05 104	P	15 38 32.6 -0.2
SKAG	2.05 104	P	15 38 32.6 -0.2
SKAG	S	Sn	15 38 59.0 +0.1
SKAG	S	Sn	15 38 59.0 +0.1
SKAG	2.06 284	Pn	15 38 33.1 +0.1
SKAG	2.06 283	P	15 38 33.4 +0.3
SKAG	S	Sb	15 39 01.4 -0.2
SKAG	2.08 293	Pn	15 38 33.9 +0.4
SKAG	IAML	Pn	15 39 07.7
SKAG	IAML	Pn	15 39 08.4
SKAG	2.25 47	Pn	15 38 36.2 +0.6
SKAG	2.25 47	Pn	15 38 36.1 +0.6
SKAG	2.25 47	Pn	15 39 07.9 +1.0
SKAG	2.25 47	Pn	15 38 35.9 +0.4
SKAG	Sb	Sb	15 39 07.3 +0.4
SKAG	2.25 71	Pn	15 38 35.7 0.0
SKAG	2.25 71	Pn	15 38 35.9 +0.1
SKAG	2.25 71	Pn	15 39 05.3 +1.1
SKAG	2.25 71	Pn	15 38 35.8 0.0
SKAG	2.25 71	Pn	15 38 35.8 0.0
SKAG	S	Sn	15 39 04.8 +0.6
SKAG	2.27 282	Pn	15 38 36.6 +0.7
SKAG	2.29 273	Pn	15 38 36.9 +0.8
SKAG	IAML	Pn	15 39 16.3
SKAG	2.32 308	Pn	15 38 37.8 +1.2
SKAG	IAML	Pn	15 39 13.8
SKAG	2.32 308	Pn	15 38 37.8 +1.2
SKAG	2.32 308	Pn	15 39 09.4 +0.4
SKAG	2.32 308	Pn	15 38 37.7 +1.2
SKAG	Sb	Sb	15 39 09.8 +0.8
SKAG	2.41 130	Pn	15 38 37.0 -0.7
SKAG	2.41 130	Pn	15 38 38.1 +0.4
SKAG	S	Sn	15 39 08.5 +0.8
SKAG	2.42 302	Pn	15 38 38.7 +0.7
SKAG	IAML	Pn	15 39 20.4
SKAG	2.47 8	Pn	15 38 39.3 +0.7
SKAG	2.47 8	IAML	15 39 18.3
SKAG	IAML	Pn	15 39 22.2
SKAG	2.47 8	Pn	15 38 39.9 +1.2
SKAG	2.47 8	P	15 38 39.4 +0.7
SKAG	S	Sn	15 38 39.3 -0.1
SKAG	2.54 342	Pn	15 38 40.0 +0.4
SKAG	2.54 342	Pn	15 38 40.5 -3.0
SKAG	2.54 342	Pn	15 39 02.2 +0.6
SKAG	2.54 342	Pn	15 38 44.8 +1.2
SKAG	2.54 342	Pn	15 38 39.3 -0.3
SKAG	2.54 280	Pn	15 38 40.4 +0.8
SKAG	2.58 142	IAML	15 38 40.2 +0.2
SKAG	2.58 142	IAML	15 39 18.1
SKAG	IAML	Pn	15 39 27.1
SKAG	2.58 142	P	15 38 39.7 -0.4
SKAG	S	Sn	15 39 12.6 +0.7
SKAG	2.61 270	P	15 38 40.7 +0.1
SKAG	2.61 121	Pn	15 38 41.0 -0.3
SKAG	IAML	Pn	15 39 24.0
SKAG	IAML	Pn	15 39 24.1
SKAG	2.66 121	Pn	15 38 40.2 -1.1
SKAG	Sg	Sb	15 39 18.3 -0.6
SKAG	2.67 304	IAML	15 38 42.5 +1.0
SKAG	IAML	Pn	15 39 27.4
SKAG	2.68 332	Pn	15 38 42.8 +1.2
SKAG	2.68 332	P	15 38 41.6 -0.1
SKAG	S	Sn	15 39 15.4 +0.7
SKAG	2.75 280	Pn	15 38 43.4 +0.9
SKAG	IAML	Pn	15 39 23.6
SKAG	2.80 284	Pn	15 38 43.3 0.0
SKAG	Pb	Pb	15 38 43.5 -4.6
SKAG	2.82 96	Pn	15 38 42.7 -0.8
SKAG	IAML	Pn	15 39 28.8
SKAG	IAML	Pn	15 39 31.3
SKAG	2.82 96	Pn	15 38 42.5 -1.0
SKAG	Pn	Sb	15 38 48.0 -0.4
SKAG	Pg	Pb	15 39 24.7 +1.4
SKAG	Pg	Pb	15 38 42.5 -1.0
SKAG	Sb	Sb	15 39 24.8 +1.4
SKAG	2.83 23	Pn	15 38 45.3 +1.7
SKAG	IAML	Pn	15 39 31.1
SKAG	2.83 23	Pn	15 38 44.2 +0.6
SKAG	Pn	Pb	15 38 49.9 +1.3
SKAG	2.83 23	Pn	15 38 43.6 0.0
SKAG	S	Sn	15 39 17.7 -0.5
SKAG	2.83 292	Pn	15 38 43.5 -0.1
SKAG	2.83 292	IAML	15 39 26.1
SKAG	2.83 292	P	15 38 43.7 +0.1
SKAG	S	Sn	15 39 19.7 +1.4
SKAG	2.99 124	Pn	15 38 45.9 +0.1
SKAG	IAML	Pn	15 39 29.3
SKAG	IAML	Pn	15 39 31.6
SKAG	2.99 124	P	15 38 45.2 -0.5
SKAG	3.01 324	Pn	15 38 46.4 +0.2
SKAG	3.01 324	P	15 38 46.4 +0.2
SKAG	3.04 123	Pn	15 38 45.7 -0.8
SKAG	3.08 304	Pn	15 38 47.8 +0.7
SKAG	3.08 304	Pn	15 38 48.3 +1.2
SKAG	3.08 304	Pn	15 38 33.5 +0.6
SKAG	3.08 304	Pn	15 38 47.7 +0.6
SKAG	S	Sn	15 39 25.7 +1.2
SKAG	3.15 9	Pn	15 38 49.3 +1.3
SKAG	IAML	Pn	15 39 46.9
SKAG	IAML	Pn	15 39 48.3
SKAG	3.15 9	Pn	15 38 49.3 +1.3
SKAG	Pn	Pb	15 38 56.1 +2.0
SKAG	Pg	Pb	15 38 49.0 +1.0
SKAG	3.18 311	Pn	15 38 49.1 +0.5
SKAG	Pn	Pb	15 38 49.8 -4.9

M31M	3.21 45	Pn	15 38 49.2 +0.4
M31M	3.21 45	IAML	15 39 40.9
M31M	IAML	Pn	15 39 45.5
M31M	3.21 45	Pn	15 38 49.7 +0.1
M31M	Pn	Sn	15 39 29.8 +2.1
M31M	Pn	Sg	15 39 38.3 -2.2
M31M	3.21 45	Pn	15 38 49.6 +0.8
M31M	S	Sn	15 39 27.5 -0.2
M31M	3.21 84	Pn	15 38 48.6 -0.3
M31M	IAML	Pn	15 39 43.3
M31M	IAML	Pn	15 39 48.2
M31M	3.21 84	Pn	15 38 47.8 -1.1
M31M	3.21 84	Pn	15 38 47.9 -1.1
M31M	Sb	Sb	15 39 35.7 +0.9
M31M	3.24 67	Pn	15 38 49.2 0.0
M31M	3.24 67	Pn	15 38 49.3 0.0
M31M	3.24 67	Pn	15 38 49.1 +0.6
M31M	3.24 67	Pn	15 38 49.1 -0.1
M31M	Sb	Sb	15 39 37.7 +2.3
M31M	3.29 282	Pn	15 38 50.6 +0.7
M31M	3.29 282	P	15 38 50.2 +0.3
M31M	3.30 339	Pn	15 38 50.1 0.0
M31M	3.30 339	Pn	15 38 50.3 0.0
M31M	3.30 339	Pn	15 38 50.5 +0.4
M31M	3.30 339	Pn	15 38 50.2 +0.1
M31M	3.42 292	IAML	15 39 50.9
M31M	3.42 292	Pn	15 38 52.5 +0.7
M31M	3.52 134	P	15 38 53.5 +0.5
M31M	3.52 134	P	15 38 52.6 -0.4
M31M	3.60 144	P	15 38 53.8 -0.3
M31M	3.61 297	Pn	15 38 55.5 +1.2
M31M	IAML	Pn	15 39 50.0
M31M	3.61 297	Pn	15 39 51.8
M31M			

4d 18h

Table of astronomical observations for 4d 18h, listing stations like HQQ, BIDO, IRAM, etc., with columns for station name, coordinates, and observation details.

FUNV 04 17:37:51.5, 11.83N:70:75W, h32km, MW3.3, Presumed earthquake
RSNC 04 17:37:52.4, 0.0, 12.1N:2.7W, h63km, 7km, M2.9, mb3.7, ML2.5

ISC 04 17:37:50.0, 1.4, 11.81N:0.07X70.76W, 0.03, h35km, n16, #145/32, 1C, Near coast of Venezuela

Table of station names and coordinates for the FUNV event, including URIC, JACV, MCQV, etc.

NOU 04 17:46:48.8, 16.09S:168.03E, h149km, MLV4.0/11, Vanuatu Islands, Vanuatu Islands

Table of station names and coordinates for the NOU event, including SANVU, DVP, MARN, etc.

NIC 04 18:01:49.8, 38.14N: 143.43E, h43km, MW3.6, Moment tensor solution, s3 Moment tensor: Scale 10^11Nm

JMA 04 18:01:49.8, 0.2, 38.14N: 0.6: 143.43E: 0.9, h43km, MW3.6/36, FAR E OFF MIYAGI PREF

ISC 04 18:01:50.3, 1.1, 38.25N:0.06:143.32E:0.07, h19km, n31, #150/37, mb3.6/6, MS3.7/3, Off east coast of Honshu

Table of station names and coordinates for the ISC event, including JIKH, OFUJ, JIKM, etc.

2000 JAN

Main table of astronomical observations for 2000 JAN, listing stations like JOM, JMM, JOU, etc., with columns for station name, coordinates, and observation details.

DJA 04 18:09:23.5, 0.7, 8.54S:4.107E, h15km, 4km, M4.2/17, mb6.2/1, mb4.5/7, MLV4.0/17, Mw(MB)5.9/1, Jawa

Table of station names and coordinates for the DJA event, including BBJI, CNJI, DBJI, etc.

ISC 04 18:21:12.1, 1.8, 4.14S: 131.71E, h0km, mb4.1/5, mbmp4.17, ML3.9/2, MS3.2/1, Error ellipse: s-maj=79.9km s-min=27.5km az=7.0

NEIC 04 18:21:12.3, 2.3, 4.43S: 131.46E: 0.09, h10km, 1km, mb4.2/17, Error ellipse: s-maj=16.1km s-min=7.5km az=28.0

ISC 04 18:21:14.0, 4.0, 5.43S: 131.60E: 0.09, h35km, n37, #254/43, mb4.2/8, Banda Sea

Table of station names and coordinates for the NEIC event, including FAKI, SAUI, SIJI, etc.

FITZ 04 18:27:12.2, 6.4, 18.0S: 152.1E, h27km, n16, #254/43, mb4.2/8, Banda Sea

Table of station names and coordinates for the FITZ event, including COEN, WRB, WRA, etc.

PMG 04 18:25:03.7, 1.2, 16.21N: 109.9E, h27km, n16, #254/43, mb4.2/8, Banda Sea

ASAR 04 18:29:07.5, -4.6, 11.83N: 70.75W, h32km, MW3.3, Presumed earthquake

ASAR 04 18:29:07.5, -4.6, 11.83N: 70.75W, h32km, MW3.3, Presumed earthquake

Table of station names and coordinates for the ASAR event, including ASAR, MBWA, SBUM, etc.

212

Table of astronomical observations for 212, listing stations like MKAR, MAKZ, ZAAO, etc., with columns for station name, coordinates, and observation details.

ATH 04 18:40:05.9, 37.29N:20.76E, h11km, 1km, ML3.5/15, Manual Solution by A. Papageorgiou First location: 2020/01/04 18:41:08, This location: 2020/01/04 21:31:03

ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

THE 04 18:40:06.6, 37.29N:20.76E, h11km, 1km, ML3.5/15, Manual Solution by A. Papageorgiou First location: 2020/01/04 21:31:03

ISC 04 18:40:04.8, 1.4, 37.29N:20.76E, 0.03, h7km, 6km, n85, #107/114, mb3.8/9, Ionian Sea

Main table of station names and coordinates for the 212 event, including KYPS, ORTH, CLEM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KULM, CMAR, ULN, SONMI, etc.

IDC 04 21:14:12.71.4, 16.13N, 144.56E, h0km, mb3.7/6, mbmp3.7/6, MS3.5/2, Error ellipse: s-maj=46.9km s-min=32.9km az=96.0

ISC 04 21:14:18.0.1.2, 16.11N, 02:144.5E, 0.3, h35km, n8, 0567/6, mb3.8/6, Mariana Islands region

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

IDC 04 21:14:54.2.1.2, 39.09N, 142.79E, h0km, mb3.5/6, mbmp3.5/7, ML2.4/1, MS2.3/1, Error ellipse: s-maj=30.1km s-min=23.1km az=96.0

JMA 04 21:15:03.2.0.1, 38.9N, 0.3:142.1E, 0.7, h44km, MV3.5/38, KINKAZAN REGION

JMA Felt J1 at KINKAZAN REGION. ISC 04 21:15:00.8.1.9, 38.88N, 0.06:142.3E, 0.1, h41km, 17km, n24, 1939/26, mb3.7/6, 6D, Near east coast of eastern Honshu

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

IDC 04 21:44:59.0.1.1, 30.32S, 178.66W, h0km, mb3.4/2, mbmp3.4/2, Error ellipse: s-maj=167.0, Keradec Islands

ASAR Alice Springs 42.54 26Z Op P ISC h m s ISC 21 52 56.0 -0.7

WRA Warramunga Arr 43.52 27Z P P 21 53 04.8 +0.2

FINES FINES Array B 144.87 340 PKP PKPbc 22 04 36.7 +0.3

SJA 04 22:10:27.4.0.7, 35.14S, 71.08W, h110km, 3km, ML3.9, MV3.9

NEIC 04 22:10:29.3.1.3, 35.05S, 0:04:71.14W, 0:09, h105km, 5km, ML4.1, ML4.1(GUC), Error ellipse: s-maj=11.2km s-min=4.6km az=104.0

IDC 04 22:10:29.0.2.3, 35.11S, 70:88W, h100km, 20km, mb3.5/7, mbmp3.8/11, Error ellipse: s-maj=28.3km s-min=13.6km az=94.0

GUC 04 22:10:30.0.0.8, 35.04S, 71.14W, h100km, 3km, ML4.1

ISC 04 22:10:28.8.0.6, 35.09S, 0:03:71.10W, 0:03, h107km, 5km, n111, 1923/161, mb4.1/9, 14C, Central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BO02, BO02, BO02, etc.

BO03 Pichilemu 0.92 310 Op P ISC 22 11 04.9 +0.9

BO03 La Punta 1.17 20 Sn Pn 22 10 51.7 0.0

MT01 Popeta 1.23 354 Sn Pn 22 11 08.0 -0.9

MT01 Popeta 1.23 354 Sn Pn 22 11 08.0 -0.9

MT01 Popeta 1.23 354 Sn Pn 22 11 08.0 -0.9

MT01 Popeta 1.23 354 Sn Pn 22 11 08.0 -0.9

MT09 Talagante 1.31 4 Op Pn 22 10 53.5 +0.2

MT12 Pirque 1.43 19 Op Pn 22 10 54.7 +0.1

LMEL Las Melosas 1.44 31 Op Pn 22 10 55.7 +0.8

LMEL Las Melosas 1.44 31 Op Pn 22 10 55.7 +0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MT13, MT13, MT13, etc.

MT13 San Alfonso 1.50 27 Op Pn 22 10 56.3 +0.8

EDS3 Malargue 1.55 117 Op Pn 22 10 56.5 +0.4

MT15 Las Vizcachas 1.56 18 Op Pn 22 10 56.4 +0.2

BI02 San Fabin de 1.58 185 Op Pn 22 10 57.2 +0.8

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

MT03 Universidad A 1.66 17 Op Pn 22 10 57.9 +0.4

4d 22h

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like BATI Baumata, RPN Rapa Nui, QSPA South Pole Q, etc.

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Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like HNS HongShan, BJ2 Beijing, BJ2 Beijing, etc.

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Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like KONO Main Array Be, AKASG Main Array Be, etc.

NEIC 04-22:55:36.71.4.22:2N:0.2:113:76E:0.0:10km,2km, ML3.8/6, Error ellipse: s-maj=32.9km s-min=4.9km

ISC 04-22:55:35.31.5.22:4N:0.1:113:69E:0.09, h10km, m10, az=350.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Hong Kong Po S, Hong Kong Po S, etc.

ISC 04-22:55:46.9.0.2.5:85S:1.12:48E, h60km, 21km, mb4.3/29, mbmp4.6/31, ML4.6/2, MS3.4/9, Error ellipse: s-maj=17.0km s-min=10.3km az=63.0

DJA 04-22:55:46.9.0.2.9.5:3:11:3E, h83km, 4km, MA.8/28, mb4.8/28, mb5.2/6, MLV4.0/24, MW(MB)4.6/6

NEIC 04-22:55:47.8.1.8.60S:0.98:112:58E:0.05, h84km, 5km, mb4.7/71, Error ellipse: s-maj=12.4km s-min=7.6km az=192.0

ISC 04-22:55:46.7.0.7.8:68S:0.05:112:54E:0.04, h79km, 6km, n236, az=139.239, mb4.7/66, 1-C-2D, Jawa

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GMJG Gumukmas, GMJI Sawahan-Nganju, etc.

Table of seismic events with columns for station name, time, magnitude, depth, and location. Includes stations like BATI, UBISI, SOEI, etc.

Table of seismic events with columns for station name, time, magnitude, depth, and location. Includes stations like MDJ, USRK, BNX, etc.

Table of seismic events with columns for station name, time, magnitude, depth, and location. Includes stations like LBTB, MMAI, KSANE, etc.

Station information and coordinates: IDC 04 23:34:24.8±0.9, 6.66N; 72.80W, h170km, 10km, mb2.8/2, mbtp3.6/4, Error ellipse: s-maj=48.8km s-min=7.5km

Station information and coordinates: FUNV 04 23:34:25.4, 6.80N; 73.15W, h167km, MW4.0, Presumed earthquake

Station information and coordinates: RSNC 04 23:34:26.0±0.7, 7.1N; 1° 7' 37"W, h147km, 1km, M3.4, mb4.0, mb5.0, ML3.2, Mw(mb)4.3

Station information and coordinates: ISC 04 23:34:25.1±0.8, 6.87N; 0.03:73:14W, 0.03, h152km, 6km, n55, c125/98, 2C-1D, Northern Colombia

Table of seismic events with columns for station name, time, magnitude, depth, and location. Includes stations like BARC, BRUC, PAMC, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EOES Quesada, ETOB Tobarra, EIBI Ibiz, etc.

IDC 05 02:01:48.54.5.74.20.01S:178.10W,h603km,86km,mb2.8/5, mbtmp3.8/5, Error ellipse: s-maj=38.9km s-min=34.8km az=14.0

ISC 05 01:48:51.4.0.9.19.9S:0.3x178.1W:0.2,h569km,n7, o=84.8,mb3.5,Fiji Islands region

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

UPA 05 01:52:11.4.1.4.5.80N:82.18W,h90km,79km,ML3.7, MW3.9, Presumed earthquake

RSNC 05 01:52:11.8.1.3.5.8N:8.1W:1.0,h0km,M3.0,mb3.6, mB4.5,ML2.4,Mw(m)B3.7

ISC 05 01:52:04.0.1.4.4.99N:0.04x81.49W:0.07,h35km,n15, o=328/21,South of Panama

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAPC Malpelo, CACAO El Cacao, Vera, CACAO Guarumal, Vera, etc.

RSRPR 05 01:54:57.7,17.90N:66.83W,h1km,1km,5C-1D,Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, MLPRP Magueyes Islan, etc.

SDD 05 01:55:16.2.1.5.77.79N:66.69W,h16km,13km,MD1.8, ML1.7,MW2.0, Presumed earthquake

RSRPR 05 01:55:19.9,17.92N:66.82W,h9km,MD2.36,C-8D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, MLPRP Magueyes Islan, etc.

IDC 05 02:01:22.3.17.0.23.64S:179.14W,h265km,162km, mb3.2/4, mbtmp3.8/4, Error ellipse: s-maj=50.9km s-min=36.7km az=58.0

NEIC 05 02:01:45.7.1.1.23.7S:0.1x179.4W:0.2,h51km,19km, mb4.3/8, Error ellipse: s-maj=30.6km s-min=10.5km az=60.0

ISC 05 02:01:46.1.0.7.2373S:0.08:179.68W:0.09,h500km, n41,c151/42,mb3.9/S, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAO Raoul Island, GLKZ Green Lake, MSFV Nonsavu, etc.

GCG 05 02:01:35.6.1.2.13.62N:93.08W,h16km,999km,ML4.4, Presumed earthquake

MEX 05 02:01:47.7.0.6.14.28N:92.26W,h99km,16km,MD3.9

ISC 05 02:01:47.0.2.4.14.14N:0.10:92.42W:0.06,h23km,16km, n17,c114/27,Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THIG THIG, SMCA Catarina, RTAL Retalhuleu, etc.

NEIC 05 02:08:50.0.1.5.37.02S:0.05:179.6W:0.1,h10km,2km, mb4.2/5, Error ellipse: s-maj=20.7km s-min=6.3km az=71.0

IDC 05 02:08:55.1.2.2.36.86S:179.49E,h0km,mb4.1/2, mbtmp4.1/3,ML3.9/1,MS3.7/1, Error ellipse: s-maj=68.8km s-min=30.3km az=142.0

NOU 05 02:08:56.0.36.96S:179.69E,h0km,MLV4.2/7, Off E. Coast of N. Island, NZ

WEL 05 02:08:58.0.1.0.37.5.18.0E:1,h12km,M4.0/19, ML3.9/19,MLV4.0/19, Error ellipse: s-maj=11.4km s-min=7.3km az=107.7, confirmed

ISC 05 02:08:54.5.2.2.36.98S:0.06:179.81E:0.09,h11km, n89,c0.1951/88,mb4.0/S, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MXZ Matakoao Point, WNGZ Waiomatatini S, WNGZ Waiomatatini N, etc.

MUGZ Murupara, RAHZ Aarahi, WHHZ Waihua, TGRZ Tauranga, PRRZ Republican Rn, 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.

VNDA Vanda, VNDA Vanda, AS31 Alice Springs, AS31 Alice Springs, 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.

KSAR Wonju Array Be, ARCES Arica Array B, FINES FINES Array B, BRTR Keskin Array B, etc.

MOS 05 02:10:15.9.1.1.22.74N:143.09E,h73km,mb5.6/59, Error ellipse: s-maj=7.8km s-min=4.0km az=113.0

BUJ 05 02:10:18.3,22.84N:143.31E,h105km,mb5.2/37, mb5.1/81

GFZ 05 02:10:20.9,22.72N:143.20E,h100km,MW5.1, Moment Tensor Solution. s68 Moment Tensor: Mr3.30; Mw0.90; Mm4.20; Ml4.40; Mw4.07; Mw0.26; Fault plane solution: NP1:328.00000; 352.00000; 1.140.00000; NP2:325.00000; 860.00000; 1.46.00000

Principal axes: T 6.7000, Plg53.0000, Azm181.0000; N -2.4700, Plg37.0000, Azm351.0000; P -4.2300, Plg5.0000, Azm85.0000

IDC 05 02:10:21.2.0.3.22.74N:143.06E,h112km,2km,mb4.8/36, mbtmp5.1/41,MS3.9/62 Error ellipse: s-maj=9.6km s-min=5.8km az=73.0

NEIC 05 02:10:22.3,22.84N:143.10E,h110km, Moment Tensor Solution. Duration: 20 Moment Tensor: Scale 1018Nm; Mr2.39; Mw1.93; Mm4.32; Mw4.85; Mw6.07; Mw0.95; Fault plane solution: M8.93000x1016 NP1: o=351.71000; 355.29000; 1.781000; o=251.34000; 875.44000; 1.143.96000; Principal axes: T 8.7240, Plg35.0000, Azm206.0000; N -0.1880, Plg52.0000; Azm52.0000; P -8.5360, Plg13.0000; Azm305.0000

NEIC 05 02:10:22.2.5.22.84N:0.06:143.10E:0.1, h110km,4km,mb5.4/513,MW5.2/24 Error ellipse: s-maj=13.4km s-min=8.7km az=77.0

NEIC 05 02:10:22.3,22.84N:143.10E,h110km, Moment Tensor Solution. s104 ct148; s140 ct235; Duration: 10 Moment Tensor: Scale 1016Nm; Mr4.92; Mw4.11; Mw4.08; Mw0.87; Mw1.4; Mw5.45; Mw1.3; Mw3.02; Mw1.0; Best double couple: M7.82900x1016 NP1:36.00000; 829.00000; 1.50.00000; NP2:260.00000; 868.00000; 1.10.00000

Principal axes: T 7.7430, Plg62.0000, Azm200.0000; N 0.1620, Plg18.0000, Azm72.0000; P -7.9140, Plg21.0000, Azm335.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function JMA 05 02:10:24.1,0.3,23N:143.12E:1,h171km,3km,MD5.8/32, s104 ct148; s140 ct235; Duration: 10 Moment Tensor: Scale 1016Nm; Mr4.92; Mw4.11; Mw4.08; Mw0.87; Mw1.4; Mw5.45; Mw1.3; Mw3.02; Mw1.0; Best double couple: M7.82900x1016 NP1:36.00000; 829.00000; 1.50.00000; NP2:260.00000; 868.00000; 1.10.00000

Principal axes: T 7.7430, Plg62.0000, Azm200.0000; N 0.1620, Plg18.0000, Azm72.0000; P -7.9140, Plg21.0000, Azm335.0000

Volcano Islands region Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHHZ Haha-jima-NKT2, JHHZ Haha-jima, CBJH Chichi jima, etc.

5d 2h

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Table with columns: Station Name, Time, Date, Status, and other details. Includes stations like KLU Klutina, EYAK Cordoba Ski Ar, C24K Franklin Bluff, etc.

Table with columns: Station Name, Time, Date, Status, and other details. Includes stations like D27M Malcolm River, O28M Mount Upton, O28M Mount Upton, etc.

Table with columns: Station Name, Time, Date, Status, and other details. Includes stations like URZ Urewera, URZ Urewera, R33M Jennings River, etc.

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
WRA	Warramunga Arr	22.26	160	P	P	02 38 40.0 +0.1
WRA	Warramunga Arr	22.26	160	P	P	02 38 39.1 -0.9
TPUB	Taru	22.82	346	I	Amb	02 38 45.9 0.0
TPUB	Taru	22.82	346	I	Amb	02 38 51.7
comp=Z,2.2nm,1.0s						
ASAR	Alice Springs	25.62	164	P	P	02 39 12.1 0.0
ASAR	Alice Springs	25.62	164	P	P	02 39 12.3 +0.2
KSR5	Korea Array	36.27	2	P	P	02 40 46.2 +0.5
comp=Z,0.2nm,0.5s,baz=184,slow=9.8,SNR=2.1						
SONM	Songino Array	49.73	342	P	P	02 42 35.4 +0.8
comp=Z,0.4nm,0.8s,baz=123,slow=6.4,SNR=5.2						
MKAR	Makanchi Array	59.57	326	P	P	02 43 45.1 -0.8
comp=Z,1.8nm,0.7s,baz=123,slow=8.7,SNR=24						
MAKZ	Makanchi	59.75	326	P	P	02 43 46.2 -0.9
MAKZ	Makanchi	59.75	326	I	Amb	02 43 47.1
comp=Z,1.8nm,0.7s						
ZALV	Zalesovo Beam	62.82	334	P	P	02 44 06.4 -1.4
comp=Z,0.4nm,0.4s,baz=128,slow=5.4,SNR=3.2						
KURBB	Kurchatov Arra	63.82	328	P	P	02 44 13.5 -0.8
comp=Z,2.8nm,0.3s,baz=128,slow=6.0,SNR=9.5						
KURK	Kurchatov	63.82	328	P	P	02 44 13.3 -1.0
KKAR	Karatay Array	64.97	318	P	P	02 44 21.2 -0.8
BVAR	Borovyoye Array	69.38	328	P	P	02 44 49.6 -0.2
comp=Z,1.0nm,0.8s,baz=128,slow=9.3,SNR=4.5						
NR1K	Noril'sk	72.95	347	P	P	02 45 10.7 -0.4
comp=Z,1.4nm,0.5s,baz=133,slow=7.9,SNR=4.0						
AB31	Akbulak array	74.01	321	P	P	02 45 17.3 -0.5
AB31	Akbulak array	74.01	321	I	Amb	02 45 59.5
ABKAR	Akbulak array	74.01	321	P	P	02 45 17.2 -0.5
ARTI	Arti	77.10	328	I	Amb	02 45 33.6 -1.7
ARTI	Arti	77.10	328	I	Amb	02 45 43.3
comp=Z,10.0nm,1.4s						
D19K	Granite Mounta	83.00	27	P	P	02 46 07.7 +0.7
D19K	Kuna River	83.74	21	P	P	02 46 12.2 +1.4
D19K	Kuna River	83.74	21	I	Amb	02 46 39.5
comp=Z,6.0nm,1.4s						

CNRM 05 02:35:33.6, 36.58N;7.48W, h15km, ML2.7
INMG 05 02:35:37.8, 1.6, 36.69N;7.45W, h18km;4km, ML1.4, Error
ellipse: s-maj=5.2km s-min=3.1km az=70.0,
#DIST_RANGE: LOCAL #PMA_REGION: Golfo de Cadiz
IGIL 05 02:35:38.3, 36.69N;7.46W, h24km, ML1.0
MDD 05 02:35:39.1, 0.6, 36.78N;7.38W, h32km;1km, mb, Lgt, 8/5,
Error ellipse: s-maj=5.8km s-min=3.6km az=150
ISC 05 02:35:35.1, 2.36, 63.63N, 0.04;7.40W, 0.04, h31km;12km,
n30, n16157, 2D, Strait of Gibraltar

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
PBDV	Barranco-do-Ve	0.75	326	I	P	02 35 50.0 +0.6
PBDV	Barranco-do-Ve	0.75	326	S	Pn	02 35 59.3 -0.7
PBDV	Barranco-do-Ve	0.75	326	I	IAML	02 35 59.7
PBDV	Barranco-do-Ve	0.75	326	I	IAML	02 35 13.9
PBDV	Barranco-do-Ve	0.75	326	I	IAML	02 36 00.8
PVAQ	Vaqueiros	0.81	342	I	P	02 35 51.6 +0.7
PVAQ	Vaqueiros	0.81	342	S	Pn	02 36 01.1 -0.8
PVAQ	Vaqueiros	0.81	342	I	IAML	02 36 01.6
PVAQ	Vaqueiros	0.81	342	I	IAML	02 36 01.6
PVAQ	Vaqueiros	0.81	342	I	IAML	02 36 01.8
PVAQ	Vaqueiros	0.81	342	I	IAML	02 36 01.8
EGRO	El Granado	0.91	356	Pg	Pn	02 35 53.1 +0.4
EGRO	El Granado	0.91	356	Sg	Pn	02 36 03.8 -0.4
EGRO	El Granado	0.91	356	I	IAML	02 36 04.6
PCVE	Castro Verde	1.12	333	eP	Pn	02 36 56.1 +1.0
PCVE	Castro Verde	1.12	333	eS	Pn	02 36 08.8 -0.7
PCVE	Castro Verde	1.12	333	I	IAML	02 36 09.8
PCVE	Castro Verde	1.12	333	I	IAML	02 36 09.8
PCVE	Castro Verde	1.12	333	I	IAML	02 36 10.6
MORF	Marmeleite	1.21	304	eP	Pn	02 36 18.9 -1.2
ESPR	Espera	1.27	79	Pn	Pn	02 35 59.5 +0.8
ESPR	Espera	1.27	79	Sn	Pn	02 36 14.6 +1.6
ESPR	Espera	1.27	79	Sg	Pn	02 36 16.2 +1.5
ESPR	Espera	1.27	79	I	IAML	02 36 16.2
EMIN	Mina Concepcio	1.28	27	Pg	Pn	02 36 59.0 0.0
EMIN	Mina Concepcio	1.28	27	Sg	Pn	02 36 13.2 -0.2
EMIN	Mina Concepcio	1.28	27	I	IAML	02 36 14.6
MESJ	Messejana	1.38	332	eP	Pn	02 35 59.5 +0.9
MESJ	Messejana	1.38	332	eS	Pn	02 36 14.9 -0.8
MESJ	Messejana	1.38	332	I	IAML	02 36 16.8
MESJ	Messejana	1.38	332	eS	Pn	02 35 59.5 +0.9
MESJ	Messejana	1.38	332	eS	Pn	02 36 15.5 -0.2
MESJ	Messejana	1.38	332	I	IAML	02 36 21.3
MESJ	Messejana	1.38	332	I	IAML	02 36 24.3
MESJ	Messejana	1.38	332	I	IAML	02 36 24.5
PTEO	Sao Teotonio	1.40	311	eP	Pn	02 36 00.1 +1.2
PTEO	Sao Teotonio	1.40	311	eS	Pn	02 36 15.9 -0.3
PTEO	Sao Teotonio	1.40	311	I	IAML	02 36 16.5
PTEO	Sao Teotonio	1.40	311	I	IAML	02 36 23.8
PTEO	Sao Teotonio	1.40	311	I	IAML	02 36 38.6
PBAR	Beja	1.45	345	eP	Pn	02 36 19.4 -0.4
PBAR	Barrancos	1.57	11	eP	Pn	02 36 02.4 +1.1
PBAR	Barrancos	1.57	11	eS	Pn	02 36 20.5 -0.1
PBAR	Barrancos	1.57	11	I	IAML	02 36 25.6
PBAR	Barrancos	1.57	11	I	IAML	02 36 26.7
PBAR	Barrancos	1.57	11	I	IAML	02 36 27.1
PBAR	Barrancos	1.57	11	I	IAML	02 36 27.1
EVOA	Evora	1.96	346	eP	Pn	02 36 07.7 +1.0
EVOA	Evora	1.96	346	eS	Pn	02 36 29.9 -0.3
EVOA	Evora	1.96	346	I	IAML	02 36 31.5
EVOA	Evora	1.96	346	I	IAML	02 36 32.9
EVOA	Evora	1.96	346	I	IAML	02 36 33.1
MCOM	Montemor	2.04	339	eP	Pn	02 36 08.7 +1.0
MCOM	Montemor	2.04	339	eS	Pn	02 36 22.0 -0.1
MCOM	Montemor	2.04	339	I	IAML	02 36 43.5
MCOM	Montemor	2.04	339	I	IAML	02 36 45.5
MCOM	Montemor	2.04	339	I	IAML	02 36 49.5
ECAB	El Cabril	2.14	47	Pn	Pn	02 36 10.6 +1.4
ECAB	El Cabril	2.14	47	Sn	Pn	02 36 22.5 -1.9
ECAB	El Cabril	2.14	47	I	IAML	02 36 35.5
EBAD	Badajoz	2.15	8	Pn	Pn	02 36 09.7 +0.5
EBAD	Badajoz	2.15	8	Sn	Pn	02 36 32.3 -2.5
EBAD	Badajoz	2.15	8	I	IAML	02 36 36.0
PARRA	Arraiolos	2.24	347	eP	Pn	02 36 11.5 +1.0
PARRA	Arraiolos	2.24	347	eS	Pn	02 36 38.4 -0.4
PARRA	Arraiolos	2.24	347	I	IAML	02 36 37.2
PARRA	Arraiolos	2.24	347	I	IAML	02 36 38.2
PARRA	Arraiolos	2.24	347	I	IAML	02 36 38.4
PESTR	Estremoz	2.24	356	eP	Pn	02 36 11.4 +0.9
PMTG	Montargil	2.52	345	eP	Pn	02 36 15.3 +1.0
PMTG	Montargil	2.52	345	eS	Pn	02 36 37.8 -0.5
PMTG	Montargil	2.52	345	I	IAML	02 36 44.2
PMTG	Montargil	2.52	345	I	IAML	02 36 47.3
PMTG	Montargil	2.52	345	I	IAML	02 36 49.4
PMRV	Marv???	2.80	0	eP	Pn	02 36 19.1 +0.9
PMRV	Marv???	2.80	0	eS	Pn	02 36 49.8 -1.0
PMRV	Marv???	2.80	0	I	IAML	02 36 52.0
PMRV	Marv???	2.80	0	I	IAML	02 37 02.3
PSARD	Sardao	3.03	349	eP	Pn	02 36 22.4 +1.1
PSARD	Sardao	3.03	349	eS	Pn	02 36 58.8 -0.7
PSARD	Sardao	3.03	349	I	IAML	02 36 59.6
PSARD	Sardao	3.03	349	I	IAML	02 36 57.0
PSARD	Sardao	3.03	349	I	IAML	02 36 57.1
PSBE	So Bento	3.08	340	eP	Pn	02 36 23.7 +1.6
PSBE	So Bento	3.08	340	eS	Pn	02 36 58.1 +0.2
PSBE	So Bento	3.08	340	I	IAML	02 37 05.2
PCBR	Castelo Branco	3.21	359	eP	Pn	02 36 26.8 +1.0
PCBR	Castelo Branco	3.21	359	eS	Pn	02 37 00.0 -0.7
PCBR	Castelo Branco	3.21	359	I	IAML	02 37 00.9
PCBR	Castelo Branco	3.21	359	I	IAML	02 37 08.3
PCAS	Casmilo, Conde	3.53	346	eP	Pn	02 36 30.5 +2.3
PCAS	Casmilo, Conde	3.53	346	eS	Pn	02 37 08.4 -0.5
AKLM	AKL	3.58	125	eP	Pn	02 36 26.5 -2.3
AKLM	AKL	3.58	125	Sn	Pn	02 37 08.9 -1.2
PSIM	Granatula de C	3.63	52	Sn	Pn	02 37 07.9 -3.5
MTE	Manteigas	3.77	358	eP	Pn	02 36 32.3 +0.8
MTE	Manteigas	3.77	358	eS	Pn	02 37 13.8 -1.1

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
MD31	MD31	4.34	149	P	Pn	02 36 39.1 -0.3
MD31	MD31	4.34	149	S	Pn	02 37 30.5 +1.5
MDT	Midelt	4.45	148	P	Pn	02 36 40.8 -0.1
MDT	Midelt	4.45	148	S	Pn	02 37 32.5 +0.8
JMA 05 03:38:49.6, 0.1, 42.0N, 0.3; 141.4E, 0.7, h96km; 1km, MV2, 8/39, S OFF TOMAKOMAI IDC 05 03:38:53.1, 4.3, 42.27N, 141.27E, h123km, 22km, mb3, 4/12, mbtmp3, 8/13, Error ellipse: s-maj=53.2km s-min=15.2km az=165.0 ISC 05 03:38:49.1, 0.7, 41.95N, 0.04; 141.36E, 0.04, h100km, 6km, n37, n071/43, mb3, 7/12, Hokkaido region						
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
KJB	Kayabe	0.25	256	Op	ISC	h m s ISC
KJB	Kayabe	0.25	256	I	Pn	02 39 03.4 0.0
JNB	Noboribetsu	0.57	335	I	Pn	02 39 13.9 -0.2
JNB	Noboribetsu	0.57	335	S	Pn	02 39 05.2 -0.2
JNB	Noboribetsu	0.57	335	S	Pn	02 39 17.5 -0.2
JOT	Oyata	0.61	202	I	Pn	02 39 06.2 +0.4
JOT	Oyata	0.61	202	S	Pn	02 39 18.7 +0.5
JYM2	Yakumo 2	0.76	283	I	Pn	02 39 07.2 +0.3
JIAM	Iburiatsuma	0.79	32	P	Pn	02 39 08.0 +0.6
JIAM	Iburiatsuma	0.79	32	S	Pn	02 39 22.0 +1.0
JSR	Shiruchi	0.82	240	P	Pn	02 39 08.1 +0.5
JEW	Eniwo	0.89	4	P	Pn	02 39 08.7 +0.3
JEW	Eniwo	0.89	4	S	Pn	02 39 23.2 +0.3
JNBK	Urakawa-nobukae	1.09	72	I	Pn	02 39 10.7 +0.3
JOMM	Oshimamotsuma	1.04	248	eP	Pn	02 39 11.4 +0.8
JBT2	Biratori 2	1.11	42	P	Pn	02 39 11.2 +0.4
JBT2	Biratori 2	1.11	42	eS	Pn	02 39 26.9 -0.2
JTM	Tenmabayashi	1.18	191	I	Pn	02 39 12.3 +0.8
JTM	Tenmabay					

s-maj=2.9km s-min=1.9km az=335.0
RSRP 05 04:23:22.4, 17.90N,66.82W, h5km, MD2.711
SDD 05 04:23:22.0, 0.8, 17.90N,66.81W, h12km, 15km, MD3.0,
ML2.2, MW2.6, Presumed earthquake
ISC 05 04:23:22.1, 1.3, 17.90N,0.05:66.82W,0.02, h10km, 7km,
n40, c652/64, 7C-10D, Puerto Rico region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

REY 05 04:32:50.2, 64.67N, 17.46W, h0km
IDC 05 04:32:51.5, 0.5, 64.58N, 17.55W, h0km, mb4.1/2d,
mbmp4.1/29, ML2.9/4, MS4.0/17, Error ellipse:
s-maj=15.6km s-min=9.0km az=12.0
MOS 05 04:32:51.8, 1.1, 64.68N, 17.51W, h10km, mb5.0/44, Error
ellipse: s-maj=9.5km s-min=7.0km az=115.0
BGR 05 04:32:52.4, 65.38N, 17.89W, h33km, mb5.0, Ms4.3
NEIC 05 04:32:54.1, 1.8, 64.66N, 0.08:17.56W, 0.08, h10km,
mb5.0/237, Mw4.9/18, Error ellipse: s-maj=13.6km

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Lists seismic stations and their recorded data.

Main table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists numerous seismic stations and their recorded data.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists numerous seismic stations and their recorded data.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MNK, Minsk, MNSK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YSR, Storozevoje, MD31, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like D19K, Kuna River, G23K, etc.

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Table with columns: Station Name, Azimuth, Elevation, Pmax, P, Az, Op, Res. Includes stations like SHLS Shalkode, IRK Irkutsk, HVU Hansel Valley, etc.

Table with columns: Station Name, Azimuth, Elevation, Pmax, P, Az, Op, Res. Includes stations like GTK IAMB, TAWA Tawang, LYN LuoYang, etc.

Table with columns: Station Name, Azimuth, Elevation, Pmax, P, Az, Op, Res. Includes stations like UJUV PCIG, UJUV PCIG, UJUV PCIG, etc.

Table with columns for call sign, name, frequency, and other details. Includes stations like HTMT Tlapaneco, GCG4 OSOP, PHPU Puebla, etc.

Table with columns for call sign, name, frequency, and other details. Includes stations like ARIG Puente Sto Nin, PAVA Las Pavas, SCLA Alcaldia de Sa, etc.

Table with columns for call sign, name, frequency, and other details. Includes stations like TXAR comp=N,4um,19.1s,ba=140,slow=2, etc.

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SDV	Santo Domingo	24.41 105	eP	P	04 45 56.8	-2.4
SDV	Santo Domingo	24.41 105	P	P	04 45 55.6	-3.6
MACC	Macarena, Meta	24.72 123	P	P	04 46 03.6	+1.7
BLVC	Blaythe	25.04 318	P	P	04 46 06.5	+1.9
MCRA	Macar, Loja	25.08 144	P	P	04 46 06.3	+1.1
P51A	Williamsport	25.15 21	Iamb	Iamb	04 46 26.9	
PV13	Radium Mtn., P	25.15 333	Iamb	Iamb	04 46 40.1	
PV02	Paradox Valley	25.16 333	Iamb	Iamb	04 46 40.4	
PV15	Paradox Valley	25.16 333	Iamb	Iamb	04 46 35.9	
PTLC	Puerto Leguiza	25.19 128	P	P	04 46 10.8	+4.6
O48B	Farmland	25.20 17	Iamb	Iamb	04 46 26.5	
PV05	Paradox Valley	25.21 332	Iamb	Iamb	04 46 46.0	
PV03	Paradox Valley	25.25 333	Iamb	Iamb	04 46 41.0	
PV18	Skein Mesa, Pa	25.27 333	Iamb	Iamb	04 46 41.2	
PV12	Saucer Basin	25.28 333	Iamb	Iamb	04 46 34.4	
PV11	David Mesa, Pa	25.29 333	Iamb	Iamb	04 46 32.4	
PV17	East Wray Mesa	25.32 333	Iamb	Iamb	04 46 42.2	
YUH	Yuha Desert	25.32 314	Iamb	Iamb	04 46 47.2	
PV16	Nyswonger Mesa	25.32 333	Iamb	Iamb	04 46 42.5	
PV19	Morning Glory	25.35 333	Iamb	Iamb	04 46 42.6	
PV20	West Nyswonger	25.37 333	Iamb	Iamb	04 46 42.1	
PV04	Paradox Valley	25.39 333	Iamb	Iamb	04 46 42.6	
PV14	Lion Creek, Pa	25.42 333	Iamb	Iamb	04 46 43.5	
PV10	Paradox Valley	25.43 333	Iamb	Iamb	04 46 42.0	
PV22	Blue Mesa, Par	25.45 333	Iamb	Iamb	04 46 43.2	
PV21	Cone Mtn., Par	25.55 333	Iamb	Iamb	04 46 44.2	
Q54A	Coxs Mills	25.56 25	Iamb	Iamb	04 46 33.6	
BC3	Big Chuckawall	25.59 316	P	P	04 46 11.9	+2.2
M44A	Midewin, Midew	25.60 11	Iamb	Iamb	04 46 45.9	
P52A	Corning	25.62 22	Iamb	Iamb	04 46 32.0	
L34A	Swensen Farm	25.62 357	Iamb	Iamb	04 46 45.7	
N47A	Urbana	25.64 16	Iamb	Iamb	04 46 45.4	
IRM	Iron Mountain	25.70 318	Iamb	Iamb	04 46 45.2	
L40A	Anamosa	25.82 6	Iamb	Iamb	04 46 47.9	
ACSO	Alum Creek Sta	25.85 21	Iamb	Iamb	04 46 46.3	
L42A	Oliver, Polo	25.94 8	Iamb	Iamb	04 46 48.3	
BORC	Borrego Spring	26.01 314	Iamb	Iamb	04 46 48.2	
N49A	Columbus Grove	26.10 18	Iamb	Iamb	04 46 39.8	
DANC	Danby, Needles	26.15 318	Iamb	Iamb	04 46 49.7	
O52A	Adamsville	26.16 22	Iamb	Iamb	04 46 54.9	
PFA	Pinyon Flats 0	26.24 315	P	P	04 46 17.3	+1.7
PFO	comp=Z,4um,19.3s,baz=136,slow=40		LR		04 58 27.8	
PFO	Pinyon Flats 0	26.24 315	P	P	04 46 17.2	+1.6
PFO	Pinyon Flats 0	26.24 315	P	P	04 46 17.2	+1.6
KNB	Kanab	26.24 325	Iamb	Iamb	04 46 50.6	
CPE	Camp Elbert	26.27 313	Iamb	Iamb	04 46 49.6	
PKCU	Pink Cliffs	26.29 327	Iamb	Iamb	04 46 50.6	
Q56A	Snyder Ridge	26.31 28	Iamb	Iamb	04 46 51.2	
DNR	Dunn Ranch,Anz	26.33 315	Iamb	Iamb	04 46 53.5	
L44A	Lake County Fo	26.39 11	Iamb	Iamb	04 46 52.4	
MCWV	Mont Chateau	26.54 26	Iamb	Iamb	04 46 55.9	
L46A	Eue Claire	26.57 14	Iamb	Iamb	04 46 53.5	
O20A	White River Ci	26.58 336	Iamb	Iamb	04 46 55.4	
O54A	Avella	26.77 25	Iamb	Iamb	04 47 00.7	
SZCU	Shurtz Canyon	26.81 326	Iamb	Iamb	04 46 56.0	
K43A	Burlington	26.83 10	Iamb	Iamb	04 46 56.6	
M50A	Fremont	26.89 19	Iamb	Iamb	04 46 40.8	
SJG	San Juan	27.12 82	P	P	04 46 20.4	-3.2
SJG	San Juan	27.12 82	P	P	04 46 20.4	-3.2
SJG	San Juan	27.12 82	P	P	04 46 18.1	-5.5
ECSD	EROS Data Cent	27.29 357	Iamb	Iamb	04 46 28.1	
HUMP	Col San Antoni	27.41 82	Iamb	Iamb	04 47 11.6	
AAM	Ann Arbor	27.52 18	Iamb	Iamb	04 46 50.0	
PAMR	Moraine State	27.52 24	Iamb	Iamb	04 47 07.9	
I37A	Lemond, Waseca	27.63 2	Iamb	Iamb	04 46 30.9	
MWC	Mount Wilson	27.68 315	Iamb	Iamb	04 47 02.4	
H40A	Norwalk	27.69 6	Iamb	Iamb	04 47 21.6	
PAS2	Pasadena Art C	27.70 9	Iamb	Iamb	04 47 02.9	
I42C	Draeger Farm	27.90 9	Iamb	Iamb	04 47 13.4	
BSUT	Blindstream Ca	27.96 33	Iamb	Iamb	04 47 13.6	
J47A	Sumner	28.08 15	Iamb	Iamb	04 47 06.0	
TPO	Tropico Hills	28.16 315	Iamb	Iamb	04 47 09.4	
PAOC	Oil Creek Stat	28.18 24	Iamb	Iamb	04 47 17.3	
SSPA	Standing Stone	28.19 27	P	P	04 46 30.8	-2.1
K22A	Casper	28.20 341	Iamb	Iamb	04 46 56.8	
ATAH	Atahualpa	28.22 144	LR	LR	04 56 23.7	
K50A	Casco	28.29 329	Iamb	Iamb	04 47 18.8	
CLC	China Lake	28.30 318	Iamb	Iamb	04 47 10.0	
H45A	Fountain	28.51 13	Iamb	Iamb	04 46 57.4	
ERGA	Erie	28.58 23	Iamb	Iamb	04 46 57.1	
DUP	Dugway, Toeles	28.64 330	P	P	04 46 38.7	+1.7
DUG	Dugway, Toeles	28.64 330	P	P	04 46 38.7	+1.7
TCUT	Toone Canyon	28.72 333	Iamb	Iamb	04 47 12.6	
RSSD	Black Hills	28.88 346	P	P	04 46 41.1	+1.9
RSSD	Black Hills	28.88 346	P	P	04 46 41.1	+1.9
RSSD	Black Hills	28.88 346	P	P	04 46 41.1	+1.9

PDAR	Pinedale Array	29.35 337	P	P	04 46 44.1	+0.7
PDAR	comp=Z,7.9nm,0.9s,baz=136,slow=8.8,SNR=38		pP	pP	04 47 03.5	+0.4
PDAR	comp=Z,6.5nm,0.6s,baz=142,slow=10,SNR=6.9		LR	LR	05 01 16.8	
PDAR	comp=Z,2um,20.6s,baz=156,slow=42				05 18 43.8	
PDAR	comp=Z,0.6nm,0.7s,baz=330,slow=4.8,SNR=5.3					
PDAR	comp=Z,7.9nm,0.9s					
TIN	Pinedale Array	29.35 337	P	P	04 46 45.0	+1.6
TIN	Tinnehaha, Big	29.46 319	Iamb	Iamb	04 47 18.9	
F33A	5 Mile Ranch,	29.48 357	Iamb	Iamb	04 46 45.2	
F42A	Maple Grove Fa	29.84 9	Iamb	Iamb	04 46 48.0	
HMVU	Hansel Valley	29.86 332	Iamb	Iamb	04 47 12.4	
HMVU	Mt. Morris Dam	29.91 25	Iamb	Iamb	04 47 09.5	
MEDO	Medina	30.06 24	Iamb	Iamb	04 47 10.2	
ELK	Elk	30.26 328	P	P	04 46 53.3	+1.8
ELK	comp=Z,13nm,0.9s,baz=145,slow=6.0,SNR=45		pP	pP	04 47 11.8	+0.7
ELK	comp=Z,38nm,0.7s,baz=134,slow=6.3,SNR=22		pP	pP	04 49 51.3	+1.0
ELK	comp=Z,20nm,1.0s,baz=124,slow=3.6,SNR=4.4		LR	LR	05 01 34.4	
ELK	comp=Z,4um,18.8s,baz=152,slow=4.1					
ELK	comp=Z,13nm,0.9s					
PKD	Bear Valley Ra	30.26 328	Iamb	Iamb	04 47 13.8	
PKD	Bear Valley Ra	30.33 315	Iamb	Iamb	04 47 26.0	
MDPB	Devils Postpil	30.35 319	Iamb	Iamb	04 47 26.7	
NVAR	Mina Array Bea	30.37 321	P	P	04 46 54.9	+2.4
NVAR	comp=Z,27nm,0.8s,baz=137,slow=8.7,SNR=175		pP	pP	04 47 12.8	+0.6
NVAR	comp=Z,60nm,0.7s,baz=142,slow=8.3,SNR=12		PcP	PcP	04 49 51.6	+1.0
NVAR	comp=Z,14nm,0.8s,baz=129,slow=2.3,SNR=5.1		LR	LR	05 00 36.2	
NVAR	comp=Z,5um,18.7s,baz=135,slow=39					
NVAR	comp=Z,1.5nm,0.8s,baz=332,slow=5.9,SNR=17					
NVAR	Mina Array Bea	30.37 321	P	P	04 46 55.4	+2.9
SNH	Little Huntcoo	30.38 321	Iamb	Iamb	04 47 19.2	
LNV	Snow King Moun	30.40 336	Iamb	Iamb	04 47 17.9	
L59A	Walton	30.72 29	Iamb	Iamb	04 47 33.1	
H17A	Grant Village	31.12 337	Iamb	Iamb	04 47 37.1	
SADO	Sadova	31.18 21	P	P	04 46 56.8	-2.5
SADO	comp=Z,68nm,0.9s,baz=228,slow=8.3,SNR=25		pP	pP	04 47 18.5	-0.7
SADO	comp=Z,78nm,0.9s,baz=232,slow=8.6,SNR=7.6					
SADO	comp=Z,69nm,0.9s					
J57A	Williamstown	31.26 26	Iamb	Iamb	04 47 41.3	
PECO	Prince Edward	31.28 25	Iamb	Iamb	04 47 21.2	
ANWB	Willby Bob	31.29 83	eP	P	04 46 47.6	-1.4
RLMT	Red Lodge	31.30 340	Iamb	Iamb	04 47 34.6	
DHSZ	comp=Z,282nm,1.8s					
YMR	Madison River	31.39 357	Iamb	Iamb	04 47 36.4	
MMLZ	Guadalupe Bro	31.51 86	eP	P	04 46 58.0	-4.4
DELO	Deloro Mine	31.52 23	Iamb	Iamb	04 47 22.9	
PNTR	Pine Nut	31.57 321	Iamb	Iamb	04 47 28.4	
EYMN	Ely	31.64 4	Iamb	Iamb	04 47 03.7	
BUKO	Buck Lake	31.68 20	Iamb	Iamb	04 47 23.9	
SGC2	Sao Gabriel da	31.69 118	P	P	04 47 00.6	-3.5
MHC	comp=Z,3um,comp=Z,1um,comp=Z,132nm,0.5s					
MHC	Mt. Hamilton	31.84 316	Iamb	Iamb	04 47 39.5	
MPK	Martis Peak	31.96 321	Iamb	Iamb	04 47 41.3	
DLPL	La Plaine	31.98 87	eP	P	04 47 01.5	-5.2
DSZD	La Diserete, G	32.06 85	eP	P	04 46 55.2	-1.2
GRHS	Sauteurs	32.07 93	eP	P	04 46 54.9	-1.3
CXM	Morne La Croix	32.12 88	Iamb	Iamb	04 47 43.6	
GCMF	Grenada, Carri	32.23 92	eP	P	04 46 58.8	-1.0
BIM	Bigot	32.25 89	eP	P	04 47 44.1	
BIM	comp=Z,154nm,0.9s					
MPOM	Morne Pois mar	32.25 89	Iamb	Iamb	04 47 48.9	
MFID	Comp=Z,143nm,0.8s					
L64A	Middleborough	32.53 30	Iamb	Iamb	04 47 53.3	
TRN	Trinidad (W)	32.64 96	eP	P	04 47 01.0	-1.1
DLMT	Dillon	32.71 336	Iamb	Iamb	04 47 47.9	
LONY	Lake Ozonia	32.84 27	Iamb	Iamb	04 47 37.4	
WBO	Williamstown	32.86 25	Iamb	Iamb	04 47 35.0	
SUTB	Sutter Butte	33.01 319	Iamb	Iamb	04 47 49.6	
NGMT	Dagmar	33.05 348	Iamb	Iamb	04 47 38.6	
NNA	Nana	33.10 147	LR	LR	04 58 38.3	
NNA	Nana	33.10 147	P	P	04 47 16.7	+0.3
NNA	Nana	33.10 147	P	P	04 47 20.8	
NNA	Nana	33.10 147	P	P	04 47 18.0	+1.6
NNA	Nana	33.10 147	P	P	04 47 16.3	-0.1
NNA	Nana	33.10 147	P	P	04 47 17.3	+1.0
NNA	Nana	33.10 147	P	P	04 49 58.1	0.0
WVOR	Wild Horse Val	33.24 326	Iamb	Iamb	04 47 39.7	
HATC	Hat Creek Radi	33.77 322	Iamb	Iamb	04 47 44.6	
ULM	Lac du Bonnet	33.77 358	P	P	04 47 20.8	-1.9
ULM	comp=Z,92nm,0.7s,baz=171,slow=10,SNR=101		LR	LR	05 04 47.5	
ULM	comp=Z,3um,19.7s,baz=172,slow=43					
ULM	comp=Z,2.6nm,0.9s,baz=248,slow=7.1,SNR=3.7					
ULM	Lac du Bonnet	33.87 358	Iamb	Iamb	04 47 23.7	
PLID	Pearl Lake	33.91 332	Iamb	Iamb	04 47 45.1	
MNT0	Montreal, Queb	33.96 27	Iamb	Iamb	04 47 47.2	
EGMT	Eagleton	34.03 342	Iamb	Iamb	04 47 57.2	
K05A	Summer Lake	34.67 325	Iamb	Iamb	04 48 24.2	
VLD0	Val d'Or	34.67 20	Iamb	Iamb	04 47 52.4	
KMRM	Haill River	34.79 319	Iamb	Iamb	04 48 05.2	
YBH	Yreka Blue Hor	35.07 322	P	P	04 47 33.4	+0.1
YBH	comp=Z,0.9nm,0.8s,baz=130,slow=2.0,SNR=20		pP	pP	04 47 52.5	-0.7
YBH	comp=Z,0.6nm,0.6s,baz=31,slow=4.0,SNR=3.9		LR	LR	05 04 00.5	
K04D	Chioquiou, OF	35.08 324	Iamb	Iamb	04 48 21.0	
L04D	Klamath Falls	35.14 323	Iamb	Iamb	04 48 25.2	
F10A	Beach Ranch, E	35.15 332	Iamb	Iamb	04 47 57.1	
G62A	West of Estils	35.15 30	Iamb	Iamb	04 48 58.0	
KMPM	Mount Pierre	35.16 319	Iamb			

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SALTA, CRAG, WRAK, U33K, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like C2SB, CFA, CFA, ROC1, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MCARA, HMT, M27K, etc.

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Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like J26L Joseph Creek, BB19B Bebedou, RIDG Independent Ri, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like CUT comp=Z,132nm,1.7s Chulitna, MCK McKinley, MCK McKinley, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like PLK4 Peulik 4, R17L Mt. Peulik Vol, R17L Mt. Peulik Vol, etc.

Table with columns: Station ID, Name, Frequency, Class, Direction, Date, Time, and other metrics. Rows include stations like L18K Granite Mounta, J19K Poorman, S12K Black Hills, etc.

Table with columns: Station ID, Name, Frequency, Class, Direction, Date, Time, and other metrics. Rows include stations like H18K Honhosa River, C21K Knifblade Rid, N14K Kusokwak Cree, etc.

Table with columns: Station ID, Name, Frequency, Class, Direction, Date, Time, and other metrics. Rows include stations like K13K Kusiyak Mount, C18K Utukok River, K13K Kusiyak Mount, etc.

Table with station codes (e.g., WBSI, NWAO, VJND, etc.), station names (e.g., Waikabubak, Su; Narrogin (SRO)), and various data points (e.g., 146.36 277, 146.92 234).

ANF 05 04:40:54.9.0.1,65.52N:139.27W, h1km, 1km, ML2.9/40, Error ellipse: s-maj=1.0km s-min=1.0km az=42.0

PGC 05 04:40:55.9.0.0,65.54N:139.23W, h7km, ML2.8/36, 163km northeast of Dawson, Yr Northern Yukon Territory, Canada, Northern Yukon Territory

Main table listing stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and ISC. Includes stations like Miner Creek, Oglivie Camp, Whitestone, etc.

Main table listing stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and ISC. Includes stations like Barrier River, Sand Creek, Beaver Creek, etc.

Main table listing stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and ISC. Includes stations like Rey, Vonarskard, Dyngsjals, etc.

5d 4h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Tanaga Falls P, Tanaga Point A, Kanaga Island, etc.

2020 JAN

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Sitkinak Islan, Anvik River, Arctic Creek, etc.

244

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Seymchan, Chulitna, Kutina, etc.

5d 4h

2020 JAN

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like BJL2, BJI2, BJJ2, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like PV22, PV05, PV07, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like WMQ, ABTX, R40A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like Taraz, NORSAR Array S, Karatay Array, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like Clausthal, GOF, GTTG, Golling, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like GHRH, GHRH, VLDR, etc.

AFAD 05:05:09:46 1,38:83N:32:87E, h7km,2km,ML1.9
ISK 05:05:09:44.9,38:87N:32:87E, h5km,ML2.2/22, Turkey
Code Station Name A° AZ° Phase ID Time Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like SERE, ALIN, AFBR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like OKC, STEB, MORC, etc.

MOS 05:05:15:02.5:1.1, 44.51N:148.17E, h62km, mb4.6/1, Error ellipse: s-maj=16.4km s-min=12.3km az=137.7

SKHL 05:05:15:02.3:0.2, 44.40N:148.40E, h60km, mb5.1/6

IDC 05:05:15:02.4:0.3, 44.56N:148.06E, h72km, mb3.2/6

ISC 05:05:15:01:1.1, 44.34N:148.48E, h09, h37km, mb2km, n49, c1865/59, mb3.4/6, 1D, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like KUR, YUK, NEM2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like GLVR, RUSJ, JNSB, etc.

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

IDC 05:05:15:02.7:2.7, 54.83N:111.74E, h0km, mb2.8/2, mbmp3.2/5, ML3.4/3, Error ellipse: s-maj=35.7km s-min=26.3km az=48.0

BYKL 05:05:15:02.7:2.7, 54.85N:111.76E, h8km, mb2km

ISC 05:05:15:02.7:2.7, 54.86N:111.80E, h0.02, h10km, n42, c2566/95, 3C, Lake Baykal region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like YLYR, KMO, UKT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like OGRR, GORB, UZR, etc.

BVAR Borovoye Array 24.20 283 P P 06 04 33.7 +1.6

MDD 05 06:17:11.8 ± 1.9 34°64N:2°31'W, h1km, Mb3.4/6, M, mb2.6/6, Error ellipse: s-maj=16.5km s-min=13.8km

CMRM 05 06:17:14.0 ± 0.35 20N:1°91'W, h30km, ML1.9, ISC 05 06:17:10.3 ± 0.25, 35.02N:0°04'17.8W, 0.06, h10km, 21km, n8, 0.15/16, 3C, North Algeria

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include stations like Taforalt, AKL, Los Guajares, EMUR, Figui, Midelt, etc.

IGQ 05 06:20:04.6 ± 0.4 3°S:2°7'8W, h2km, 2km, M3.7/15, Mjma3.7/15, MLV3.6/15

RSNC 05 06:20:09.0 ± 0.9 3°S:6°7'7W, h0km, M3.4, mb3.3, mB5.2, ML3.1, Mw(mb)4.6

ISC 05 06:20:01.2 ± 1.5, 2.88S:0°04'77.87W/0.04, h13km, 11km, n90, 0.193/33, 4C-8D, Peru-Ecuador border region

Large table listing seismic stations with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like BOSC, SANGA, AZOG, PKYU, etc.

IGC 05 06:21:51.2 ± 2.1 52°43N:160°84E, h0km, mb3.4/2, mbmp3.3/3, ML2.0/1, MS3.6/3, Error ellipse: s-maj=57.6km

KRSC 05 06:22:01.0 ± 0.6 51°60N:158°58E, h40km, 6km, M3.6, ISC 05 06:22:00.2 ± 0.3, 51.61N:0.08:158.59E, 0.08, h20km, 5km,

n23, 0557/27, MS3.6/3, Near east coast of Kamchatka Peninsula

Table listing seismic stations in Kamchatka with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KDRTR, RUSKAYA, MUTNOVKA, etc.

GCMT 05 06:31:08.8 ± 0.2 21°29S:0°01'171°47E:0'01, h16km, 1km, Mw=2.1/26, Moment Tensor Solution, s42, 66°, 6126, c182°, Duration: 0 Moment tensor: Scale 1017Nm; M=0.11±0.02; Mw=0.7±0.02; Mb=0.6±0.02; Ms=0.13±0.05; Mw-0.10±0.01; Mw-0.17±0.05; Best double couple: Mo:74100x1017 NP1:0.229.00000°, 0.72.00000°, λ-175.00000°. NP2:0.138.00000°, 0.85.00000°, λ-18.00000°. Principal axes: T 0.7840, Plg9.0000°. Azm1:85.0000°; N -0.0860, Plg72.0000°. Azm303.0000°; P -0.6980, Plg16.0000°. Azm92.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 05 06:31:08.8 ± 1.1 21°30S:0°09'171°35E:0'09, h41km, 9km, Mw=6.2/24, Error ellipse: s-maj=13.5km s-min=11.1km

IDC 05 06:31:12.0 ± 0.4 8.21°52S:171°25E, h62km, 39km, mb4.0/9, mbmp4.4/11, ML4.0/2, MS4.3/40, Error ellipse: s-maj=30.4km s-min=20.6km az=56.0

NOU 05 06:31:13.1 ± 1.1 21°35S:170°78E, h0km, MLV4.7/10, Southeast of Loyalty Islands

ISC 05 06:31:08.1 ± 0.5 21°33S:0°08'171°42E:0'06, h35km, n102, 0.1921/64, mb4.6/23, MS4.5/40, 1C-1D, Southeast of Loyalty Islands

Table listing seismic stations in Loyalty Islands with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like MARNC, PINNC, DZM, etc.

Table listing seismic stations in the Pacific region with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like H11S1, H11N1, FITZ, GUMO, etc.

MKAN Makanchi Array 7.54 209 Pn Pn 06 34 52.2 +1.8
0.2nm,0.3s,baz=26,slow=14,SNR=8.0
0.1nm,0.3s

CATAC 05 06:52:13.9-0.7, 15°N:4°39'3W, h29km,4km, M3.9/12,
MLV3.9/12, Error ellipse: s-maj=9.3km s-min=-4.6km
az=34.8, confirmed

GCG 05 06:52:15.9-1.3, 14°6'1N:92°40'W, h63km,10km, MD3.9,
ML4.2, MW3.3, Presumed earthquake

MEX 05 06:52:16.0-1.2, 14°70'N:92°48'W, h78km,9km, MD4.2
ISC 05 06:52:12.7-1.2, 14°57'N:006°92'54W-0.03, h84km,9km,
n56, c3f09/96, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC, Residual. Lists stations like THIG, SMCA, PATR, CHJU, etc.

JMA 05 06:59:14.8-0.1, 23°9'N:03°12'17E, h46km, MV3.0/13,
TAIWAN REGION
TAP 05 06:59:15.5-23.98N:121°67E, h45km, ML3.6, C
ISC 05 06:59:16.0-0.9, 23°98'N:01°12'17E, h33km, 1km,
n160, c1f04/295, 1C-20D, Taiwan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC, Residual. Lists stations like HWA, TEVL, TWL, etc.

Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC, Residual. Lists stations like ENA, OWD, FUSH, etc.

IDC 05 07:20:56.0-3.7, 35°36'N:74°19'E, h0km, mb3.6/3,
mbTmP3.6/6, ML3.0/3, Error ellipse: s-maj=102.8km
s-min=25.9km az=69.3

NNC 05 07:21:03.9-5.3, 35°54'N:73°27'E, h0km, mb3.6, mpv3.4,
Error ellipse: s-maj=68.9km s-min=32.9km az=118.0

ISC 05 07:20:55.4-0.9, 35°09'N:074°3'E, h10km, n18,
c313/21, 6C-2D, Northwestern Kashmir

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC, Residual. Lists stations like JMU, JMU, JMU, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC, Residual. Lists stations like TNOU, TNOU, YMO1, etc.

IDC 05 07:20:56.0-3.7, 35°36'N:74°19'E, h0km, mb3.6/3,
mbTmP3.6/6, ML3.0/3, Error ellipse: s-maj=102.8km
s-min=25.9km az=69.3

NNC 05 07:21:03.9-5.3, 35°54'N:73°27'E, h0km, mb3.6, mpv3.4,
Error ellipse: s-maj=68.9km s-min=32.9km az=118.0

ISC 05 07:20:55.4-0.9, 35°09'N:074°3'E, h10km, n18,
c313/21, 6C-2D, Northwestern Kashmir

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC, Residual. Lists stations like JMU, JMU, JMU, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SGSI Sangihe, GAMI Galeia, DAV Davo City, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like FINES FINES Array B, AKASO Malin Array B, KIEV Kieff, etc.

BUJ 05 07:45:45.6, 6.47S; 129.53E, h222km, mb4.8/19, mb4.7/64
MOS 05 07:45:47.0, 7.1, 6.42S; 129.21E, h224km, mb4.7/31, Error
ellipse: s-maj=10.0km s-min=5.2km az=113.0
DJA 05 07:45:47.0, 7.1, 6.42S; 129.21E, h214km, 2km, M5. 1/79,
mWm5p/6.1, Mw5p/0.1
IDC 05 07:45:48.7, 1.0, 6.41S; 129.24E, h220km, 9km, mb4.3/22,
mbmp4.9/27, Error ellipse: s-maj=12.6km s-min=7.2km
az=71.0
NEIC 05 07:45:48.2, 1.1, 6.40S; 0.07x129.17E; 0.07, h211km, 7km,
mb4.9/63, Error ellipse: s-maj=10.3km s-min=9.5km
az=73.0
ISC 05 07:45:47.8, 0.3, 6.44S; 0.03x129.24E; 0.04, h217km, 2km,
h217km; p-P, n408, e1926/442, mb4.8/116, 9C-13D, Banda
Sea

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BNDI Bandanaira, SAUI Saumlaki, SAUI Saumlaki, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like WR8 Warramunga Arr, BKKI Banjar Baru, JAGI Jajag, etc.

Table with columns: YOJ, YONAGUNI JIMA, 31.31 349, P, P, 07 51 47.7 -0.1, SHL, SHILLONG, 48.27 313, P, P, 07 54 06.5 -1.0, MA2, ALA-ARCHA, 68.27 0, P, P, 07 56 25.1 +0.2

Table with columns: SHL, SHILLONG, 48.27 313, P, P, 07 54 06.5 -1.0, MA2, ALA-ARCHA, 68.27 0, P, P, 07 56 25.1 +0.2

Table with columns: MA2, ALA-ARCHA, 68.27 0, P, P, 07 56 25.1 +0.2, YAK, YAKUTSK, 68.27 0, P, P, 07 56 25.1 +0.2

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like KIV, NVL, ILAR, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like J26L, OBN, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like ARCES, SPITS, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like SPITS, YKA, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like GERES, PDAR, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like TXAR, TORD, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like PLCA, PLCA, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like SCHQ, DBIC, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like CPUP, LPAZ, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like LPAZ, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like WEL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like WEL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like WEL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like WEL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like WEL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like WEL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like WEL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like WEL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like WEL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like KRX, KDTR, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like KRX, KDTR, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like KRX, KDTR, etc.

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Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like KRX, KDTR, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like KRX, KDTR, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like UGL, UGL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like UGL, UGL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like UGL, UGL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like UGL, UGL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like UGL, UGL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like UGL, UGL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like UGL, UGL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like UGL, UGL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like UGL, UGL, etc.

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Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like UGL, UGL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like UGL, UGL, etc.

BUJ 05:08:10.0, 48°13'N, 155°44'E, h16km, mB4.9/15, mB4.8/58, Ms4.6/41, Ms7.4/54/1

ICD 05:08:12.4, 48°06'E, 48°21'N, 154°98'E, h0km, mB4.5/30, mbtmp4.5/35, MLL4.9/3, MS4.0/42, Error ellipse: s-maj=14.2km s-min=11.3km az=154.0

NEIC 05:08:13.8, 1.1, 48°17'N, 155°03'E, 0.06, h10km, 1km, mB4.8/171, Error ellipse: s-maj=16.8km s-min=3.0km az=156.0

SKHL 05:08:14.7, 4.0, 47°90'N, 155°70'E, h47km, 8km, mB5.6/7, Ms4.4/6/5

MOS 05:08:14.5, 1.2, 48°12'N, 155°05'E, h28km, mB5.1/45, Error ellipse: s-maj=6.5km s-min=4.6km az=95.8

GCMT 05:08:18.8, 0.6, 48°19'N, 155°30'E, 0.06, h2km, MW4.9/61, Moment Tensor Solution. s24.c27; s61.c74; Duration: 0 Moment tensor: Scale 10^16Nm; Mr:3.40z.22; Mww-1.45z.14; Mww-1.95z.15; Mww-0.36z.24; Mww-0.53z.07; Mw:0.60z.21; Best double couple: Mo:2.90300z.1016 NP1:0.219.00000z.642.00000z.1.01.00000z. NP2: 0.23.00000z.849.00000z.1.80.00000z. Principal axes: T 3.5010, P1g82.0000z, Azm234.0000z; N -1.1970, Azm121.0000z; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BGR 05:08:27.1, 49.700°N, 153°58'E, h33km, mB5.0, Ms4.3, ISC 05:08:16.5, 4.0, 48°10'N, 155°15'E, 0.04, h33km, n562, 0.138/502, mB4.8/214, MS4.2/54, 29C-42D, Kuril Islands

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like SKR, SKR, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like SKR, SKR, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like SKR, SKR, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like SKR, SKR, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like SKR, SKR, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like SKR, SKR, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like SKR, SKR, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like SKR, SKR, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like SKR, SKR, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like SKR, SKR, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like SKR, SKR, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like UGL, UGL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like UGL, UGL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like UGL, UGL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like UGL, UGL, etc.

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Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like UGL, UGL, etc.

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Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like UGL, UGL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like UGL, UGL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like UGL, UGL, etc.

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like UGL, UGL, etc.

KRSC 05:07:54.43.0-0.7, 52.58N, 159.55E, h46km, 8km, M13.8, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like SPN, NLC, etc.

YSS Yuzhno-Sakhalii Tymovskoe

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like YSS, YSS, etc.

BILL Bilibino

Table with columns: Code, Station Name, Az, El, P, mmax, pmax. Includes stations like BILL, BILL, etc.

5d 9h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Villa Florida, Yellowknife Ar, Sonseca Array, etc.

IDC 05 08:29:52.7, 3.0, 53.44N, 87.29E, h0km, mbtmp2.7/2, ML2.4/2, Error ellipse: s-maj=29.4km s-min=15.5km az=62.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like ZALESOV INFRRA, ZALV, ZALV, etc.

TEH 05 08:34:16.4, 36.26N, 64.12E, h10km, ML4.2, Presumed earthquake

IDC 05 08:34:18.9, 1.1, 35.97N, 63.76E, h0km, mb3.7/6, mbtmp3.7/11, ML3.5/5, Error ellipse: s-maj=26.3km s-min=19.2km az=132.0

NNC 05 08:34:33.3, 13.0, 37.18N, 63.88E, h0km, mb3.8, mpv3.6, Error ellipse: s-maj=148.4km s-min=68.3km az=2.0

ISC 05 08:24:4.0, 8.3619N, 0.08, 63.82E, 0.08, h35km, n28, 0.099/30, mb3.8/4, 5C-1D, Turkmenistan-Afghanistan border region

Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists numerous stations and their associated data.

IDC 05 08:37:07.1, 2.1, 1.52N, 125.74E, h0km, mb3.6/3, mbtmp3.6/3, MS3.8/1, Error ellipse: s-maj=179.1km s-min=26.7km az=65.0, Northern Molouca Sea

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like TGy, WRA, ASAR, MKAR, etc.

UPA 05 09:01:13.1, 3.2, 9.71N, 84.57W, h0km, 44km, MW3.8, Presumed earthquake

UCR 05 09:01:14.2, 0.8, 9.64N, 84.55W, h14km, 3km, MW3.9, Presumed earthquake

ISC 05 09:01:14.1, 1.1, 0.964N, 0.03, 84.56W, 0.02, h18km, 3km, n15, 0.06/62/131, 25C-35D, Costa Rica

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Garabito Jaco, Orota, etc.

2020 JAN

Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists numerous stations and their associated data.

IDC 05 09:30:09.2, 3.6, 53.44N, 87.48E, h0km, mbtmp2.4/2, ML1.7/2, Error ellipse: s-maj=35.1km s-min=17.8km az=55.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like H46RU, ZALV, KURBB, etc.

IDC 05 09:36:26.8, 0.9, 31.46S, 13.33W, h0km, mb4.2/6, mbtmp4.2/6, MS4.2/50, Error ellipse: s-maj=41.4km s-min=24.7km az=102.0

NEIC 05 09:36:29.1, 2.1, 31.55S, 0.1, 13.46W, 0.02, h10km, 1km, mb4.8/34, Error ellipse: s-maj=19.4km s-min=3.7km az=175.0

GCMT 05 09:36:32.1, 0.2, 31.54S, 0.02, 13.40W, 0.01, h12km, MW5.0/15, Moment Tensor Solution: S50, C59, S15, 0.166, Duration: 0, Moment Magnitude: Scale 1016Nm; Mw=3.47; 0.7; Mw=0.12; 0.8; Mw=3.55; 0.6; Mw=0.69; 0.34; Mw=0.56; 0.6; Mw=0.44; 2.4; Best double couple: N2=35.10x10^16 Np1=180.00000, 841.00000, -1.76.00000, NP2=341.00000, 650.00000, -1.102.00000. Principal axes: T 3.4880, P165.0000, N

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like H46RU, ZALV, KURBB, etc.

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Azm80.0000°; N 0.1230, P165.0000°, Azm349.0000°; P -3.6150, P160.0000°, Azm195.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-tensor function

ISC 05 09:36:28.6, 0.6, 31.55S, 0.1, 13.46W, 0.01, h10km, n95, 0.06/64/44, mb4.8/20, MS4.2/51, Southern Mid-Atlantic Ridge

Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists numerous stations and their associated data.

5d 10h

Table of astronomical observations for 5d 10h, listing station names (e.g., ARX5, ALCI, PDGK), codes, coordinates, and other parameters.

2020 JAN

Table of astronomical observations for 2020 JAN, listing station names (e.g., NRIK, AKBB, KIEV), codes, coordinates, and other parameters.

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Table of astronomical observations for 260, listing station names (e.g., PHP, PSH, TIR), codes, coordinates, and other parameters.

GCMT 05 10:06:48.0-0.4,31.865±0.05×13.32W±0.04,h21km±1km, MW4.8/73, Moment Tensor Solution. s18,c18; s73,c90; Duration: 0 Moment tensor: Scale 1016Nm; Mw=1.5±.18; Mww0.47±.11; Mw=1.68±.12; Mw=1.0±.23; Mw=0.38±.06; Mw=0.17±.21; Best double couple: M1:1.97000×10^16 Np2:347.000000°,647.000000°, -2.950000°. Principal axes: T 1.7930,Plg2.0000°, Azm74.0000°; N 0.3730,Plg3.0000°, Azm164.0000°; P -2.1630,Plg86.0000°, Azm312.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function Southern Mid-Atlantic Ridge

5d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KDak Kodiak Island, ULM Lac du Bonnet, TXAR Lajitas Array, etc.

NEIC 05 11:23:41.82,3.4,14.6S;0.1x167.6E:0.1,h122km,8km, mb4.3/12, Error ellipse: s-maj=21.9km s-min=17.0km az=121.0

IDC 05 11:23:44.0,4.5,14.82S;167.40E,h130km,37km,mb3.7/8, mbtmp4.2/9, Error ellipse: s-maj=30.5km s-min=22.2km az=33.0

NOU 05 11:23:45.3,14.92S;167.23E,h97km,mb4.6/18, Vanuatu Islands

ISC 05 11:23:43.2,0.9,14.77S;0.09,167.46E:0.09,h129km,n36, r=1520/37,mb4.1/10, Vanuatu Islands

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes SARANU, SARANV, DVP, etc.

JMA 05 11:25:09.7,0.1,23.1N;1.1x12.1E:1,h39km,2km,MV3.6/13, TAIWAN REGION

TAP 05 11:25:10.6,22.05N;120.81E,h34km,ML3.7/B, ISC 05 11:25:12.1,0.9,22.84N;0.02,120.81E:0.01,h33km,1km, h119,r1922/199,9C-6D,Taiwan

Continuation of station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes SSS, SSSD, TWG, etc.

2020 JAN

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes SCZT, TWK, Hsiinying, etc.

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IDC 05 11:39:53.4,6.8,5.34S;150.98E,h52km,58km,mb3.3/3, mbtmp3.7/4,ML2.2/1,MS3.2/2, Error ellipse: s-maj=144.9km s-min=35.7km az=126.0, New Britain region

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

BUI 05 12:25:46.2,31.14N;133.31E,h10km,mb4.7/25,mb4.4/55, Ms4.3/56,Ms7.4/158

IDC 05 12:25:47.1,0.4,31.31N;133.10E,h0km,mb4.6/32, mbtmp4.6/38,ML3.8/6,MS3.7/54, Error ellipse: s-maj=12.9km s-min=10.4km az=74.0

MOS 05 12:25:48.3,0.9,31.36N;133.15E,h15km,mb5.0/53, Error ellipse: s-maj=7.5km s-min=4.5km az=113.5

NEIC 05 12:25:49.9,31.31N;133.14E,h14km Moment Tensor Solution. Duration: 193 Moment tensor: Scale 10^19Nm;

JMA 05 12:25:51.1,0.2,31.5N;0.7:133.1E:0.8,h40km,MD4.4/39, MMV4.7/39, FAR E OFF MIYAZAKI PREF

GCMT 05 12:25:54.0,0.3,31.35N;0.03:133.04E:0.02,h12km, MMV4.8/106, Moment Tensor. s24,c26; s106,c137; Duration: 0 Moment tensor: Scale 10^16Nm;

ISC 05 12:25:49.9,0.6,31.33N;0.04:133.16E:0.03,h16km,3km, h15km,pp-P,n702,r1457/18,mb4.9/141,MS3.8/65, 19C-26D,Southeast of Shikoku

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes JTO, JNKG, JNR, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like BVAR, BORK, F14K, K13K, FALS, ANN, KK31, KKAR, M13K, MANEM, J14K, F15K, G15K, IUG, BRLS, L14K, S12K, C16K, WB0, CHM, WRAB, WRA, WRA, WRA, WR8, M14K, N14K, HYB, O14K, H16K, L15K, K15K, G16K, D17K, R10K, C17K, M15K, SDPT, E17K, J16K, I17K, H17K, N15K, F17K, O15K, CHGR, CHGR, G17K, CHNA, L16K, H17K, C18K, E18K, M16K, J17K, N16K, CTA, CTA, CTA, A19K, L17K, K17K, K17K, O16K, P16K, G18K, C19K, C19K, C19K, H18K, R16K.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like M17K, N17K, O17K, F19K, F19K, D19K, L18K, GCSA, G19K, J18K, Q16K, E19K, H19K, R17L, B20K, N18K, M18K, D20K, D20K, O17K, J19K, F20K, A21K, O18K, P18K, CHIR, PALK, L19K, H20K, I20K, I20K, N19K, ASAR, C21K, J20K, J20K, O19K, B21K, K20K, A22K, R18K, E21K, E21K, G21K, F21K, O19K, B22K, M20K, H21K, P19K, D22K, OHAK, CHUM, O20K, PPLA, I21K, K20K, K20K, G22K, H22K, H22K, SKT, HOM, BPWA, D23K, D23K, C23K, ARTI, ARTI, ARTI, ARTI, CAPN, COLD, AB31, AB31, G23K, TRF, E23K, TOLK, CUT.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like BRSE, M22K, I23K, D24K, C24K, RC01, NEA2, E24K, O22K, MCK, PMR, SEW, F24K, WAT1, H24K, AKTO, COLA, COLA, G24K, KNK, SML, POKR, PWL, D25K, WAT6, M23K, DHY, ILAR, ILAR, HDA, G25K, E25K, F25K, C26K, P23K, PRP, K24K, M24K, BMAR, J25K, C27K, F26K, PAX, KLU, Q23K, RIDG, G26K, HARP, EYAK, SCRK, J26L, N25K, BMRM, E27K, D27M, L26K, KAIM, G27K, H27K, M26K, I27K, MCARA, CRQE, E28M, F28M, L27K, BCAR, D28M, M27K, KIRV, KIRV, I28M, E29M, MESA, BVCY, CTG, G29M, H29M, DAWY, YUK3, I29M, O28M, J29N, YUK8, PINM.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like EPYK Eagle Plains, F30M Barrier River, DZM Mont Dzumac, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like KIV comp=Z,13nm,1.1s, KIV Kislodovsk, TOAD Toad River, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes stations like ANTO Ankara, ANTO Ankara, KSV Kosov, etc.

5d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARSA Arzberg, WETZ Wetzell, NVAR Mina Array Bea, etc.

IDC 05 12:27:19.9, 0.8, 5.56S; 151.45E, h0km, mb3.9/1, mbtmp4.0/13, ML3.1/2, MS3.6/14, Error ellipse: s-maj=33.8km s-min=17.9km az=112.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, JAY Jayapura, CTA Charters Tower, etc.

2020 JAN

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

IDC 05 12:50:08.5, 1.8, 7.29S; 129.08E, h131km, 24km, mb3.3/2, mbtmp4.1/6, Error ellipse: s-maj=26.2km s-min=13.5km

ISC 05 12:50:08.1, 0.8, 7.44S; 0.06x129.12E; 0.07, h150km, n14, s364/19, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SAUI Saumlaki, DRS Darwin Rock St, SOEI Sorei, etc.

NEIC 05 13:11:52.3, 1.6, 18.3S; 0.2x178.51W; 0.09, h597km, 12km, mb4.4/16, Error ellipse: s-maj=22.9km s-min=11.1km

IDC 05 13:11:55.4, 4.2, 18.17S; 178.46W, h672km, 108km, mb3.1/4, mbtmp4.3/5, Error ellipse: s-maj=116.3km s-min=20.1km az=12.0

ISC 05 13:11:51.9, 0.8, 18.3S; 0.1x178.5W; 0.01, h600km, n26, s068/26, mb4.3/12, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, CTAO Charters Tower, PMG Port Moresby, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUN baz=178,slow=0, GKN Gorkha, GKN baz=202,slow=0, etc.

CMAR	Chiang Mai Arr	16.77	130	P	Pn	13 17 57.7	+1.2
MK31	Makanchi Array	16.94	352	P	Pn	13 17 59.3	+0.8
MK31	Makanchi Array	16.94	352	P	Pn	13 17 59.1	+0.6
comp=Z:0.1nm,0.3s,baz=167,slow=12,SNR=26							
MKAR				LR	LR	13 25 38.8	
comp=Z:65nm,20.0s,baz=194,slow=41							
MKAR	Makanchi Array	16.94	352	P	Pn	13 17 58.5	0.0
MKAR	Makanchi Array	16.94	352	eP	Pn	13 17 59.3	+0.8
MAK2	Makanchi	16.99	352	P	Pn	13 17 59.0	-0.1
MAK2	Makanchi	16.99	352	P	Pn	13 17 59.1	-0.1
comp=Z:5.0nm,1.4s							
DGZ	Jazzator, Aita	19.71	4	iP	P	13 18 33.2	+0.7
KURBB	Kurchatov Arra	21.25	348	P	P	13 18 47.5	-0.1
comp=Z:3.0nm,0.8s,baz=164,slow=10,SNR=18							
KURK	Kurchatov	21.32	348	P	P	13 18 48.4	0.0
KURK	Kurchatov	21.32	348	P	Iamb	13 18 49.8	
KURK	Kurchatov	21.32	348	P	Pmax	13 18 48.4	0.0
comp=Z:9.0nm,1.1s							
KURK	Kurchatov	21.32	348	P	Pmax	13 18 48.4	0.0
comp=Z:9.0nm,1.1s							
KNGR	Kungtung, Tuv	22.44	20	iP	P	13 19 03.8	+3.2
HHC	Hu-hao-tse	23.71	56	eP	P	13 19 15.1	+1.3
comp=Z:3.0nm,0.6s							
ZAA0	Zalesovo Array	23.92	359	P	P	13 19 15.6	+0.1
ZALV	Zalesovo Beam	23.92	359	P	P	13 19 15.4	0.0
comp=Z:1.7nm,0.8s,baz=180,slow=7.2,SNR=9.8							
ZALV	Zalesovo Beam	23.92	359	eP	P	13 19 15.5	0.0
ZALV	Zalesovo Beam	23.92	359	eP	Pmax	13 19 15.7	+0.2
comp=Z:2.0nm,0.8s							
SONM	Songino Array	23.95	36	P	P	13 19 16.9	+0.8
comp=Z:0.8nm,0.6s,baz=224,slow=11,SNR=5.9							
SONM	Songino Array	23.95	36	P	P	13 19 17.7	+1.7
SONM	Songino Array	23.95	36	P	P	13 19 17.7	+1.7
comp=Z:3.0nm,1.4s							
ULN	Ulanbaatar	24.31	37	P	P	13 19 20.3	+0.9
ULN	Ulanbaatar	24.31	37	iP	P	13 19 20.4	+1.0
comp=Z:3.0nm,0.9s							
TLY	Talaya	25.47	27	iP	Pmax	13 19 31.3	+1.6
comp=Z:3.0nm,0.7s							
BVAR	Borovoye Array	25.53	339	P	P	13 19 32.1	+1.9
comp=Z:0.4nm,0.5s,baz=142,slow=10,SNR=2.3							
BVAR	Borovoye Array	25.53	339	P	P	13 19 32.1	+1.9
BVAR	Borovoye Array	25.53	339	P	P	13 19 31.5	+1.0
BORK	Borovoye	25.57	338	eP	P	13 19 46.5	+0.1
AB31	Akbulak array	27.31	322	P	Iamb	13 19 51.2	
comp=Z:3.7nm,0.8s							
AB31	Akbulak array	27.31	322	P	P	13 19 46.4	+0.1
NJ2	Nanjing	28.55	77	eP	P	13 19 58.1	+0.5
comp=Z:10.0nm,0.6s							
ARTI	Arti	32.56	332	LR	LR	13 35 03.2	
comp=Z:90nm,18.4s,baz=118,slow=39							
KSRS	Korea Array	35.78	67	P	P	13 20 58.5	-2.4
comp=Z:0.8nm,0.7s,baz=268,slow=8.6,SNR=5.8							
KSRS	Korea Array	35.78	67	P	P	13 21 00.2	-0.7
comp=Z:0.8nm,0.7s							
KSRS	Korea Array	35.78	67	eP	P	13 20 58.5	-2.4
KSRS	Korea Array	35.78	67	eP	Pmax	13 21 00.2	-0.7
comp=Z:1.0nm,0.5s							
JNU	Nakatsue	38.52	73	P	P	13 21 25.4	+1.0
JNU	Nakatsue	38.52	73	P	Iamb	13 21 39.0	
comp=Z:2.3nm,1.3s							
NR1K	Nori'sk	39.38	1	P	P	13 21 31.4	+0.5
comp=Z:5.9nm,1.0s,baz=189,slow=19,SNR=6.6							
NR1K	Nori'sk	39.38	1	P	P	13 21 31.4	+0.5
NR1K	Nori'sk	39.38	1	P	Iamb	13 21 31.3	
NR1K	Nori'sk	39.38	1	iP	Pmax	13 21 31.5	+0.5
comp=Z:1.0nm,1.2s							
NR1K	Nori'sk	39.38	1	iP	Pmax	13 21 31.5	+0.5
comp=Z:9.0nm,1.3s							
OBN	Obninsk	42.73	320	eP	P	13 21 58.8	+0.1
OBN	Obninsk	42.73	320	eP	PPP	13 24 10.8	
OBN	Obninsk	42.73	320	eP	Pmax	13 21 58.8	+0.1
comp=Z:9.0nm,1.8s							
AKASG	Malin Array Be	46.37	313	P	P	13 22 27.9	+0.1
comp=Z:1.5nm,0.7s,baz=90,slow=6.2,SNR=5.8							
AKASG	Malin Array Be	46.37	313	P	P	13 22 27.9	+0.1
AKASG	Malin Array Be	46.37	313	P	Iamb	13 23 04.4	
comp=Z:3.5nm,1.2s							
AKASG	Malin Array Be	46.37	313	eP	P	13 22 28.6	+0.7
AKBB	Malin Array Si	46.37	313	P	Iamb	13 22 27.4	-0.5
AKBB	Malin Array Si	46.37	313	P	Iamb	13 23 04.0	
comp=Z:7.4nm,1.4s							
AKBB	Malin Array Si	46.37	313	eP	P	13 22 28.4	+0.5
KIEV	Kiev	46.38	313	P	P	13 22 27.4	-0.5
KIEV	Kiev	46.38	313	P	Pmax	13 23 04.0	
comp=Z:6.1nm,1.3s							
KIEV	Kiev	46.38	313	P	Pmax	13 22 27.4	-0.5
comp=Z:6.0nm,1.3s							
JAGI	Jajag, Banyuwa	47.13	140	P	P	13 22 33.9	-0.3
FI41	FINES Array S	49.59	327	P	P	13 22 53.3	+0.7
FINES	FINES Array B	49.59	327	P	P	13 22 52.6	-0.1
comp=Z:2.5nm,0.9s,baz=95,slow=9.9,SNR=6.8							
FINES	FINES Array B	49.59	327	P	P	13 22 53.0	+0.4
FINES	FINES Array B	49.59	327	iP	P	13 22 53.4	+0.8
comp=Z:3.0nm,0.9s							
ARCES	ARCCESS Array B	51.81	337	P	P	13 23 09.2	-0.1
comp=Z:4.5nm,0.8s,baz=318,slow=9.9,SNR=3.6							
ARCES	ARCCESS Array B	51.81	337	P	Iamb	13 23 09.6	+0.3
ARCES	ARCCESS Array B	51.81	337	P	Iamb	13 23 19.3	
ARCES	ARCCESS Array B	51.81	337	P	Pmax	13 23 09.6	+0.3
comp=Z:2.6nm,1.5s							
HFS	Hagfors	55.52	325	P	P	13 23 35.8	-0.8
comp=Z:7.4nm,1.1s,baz=92,slow=10,SNR=2.7							
HFS	Hagfors	55.52	325	P	P	13 23 35.8	-0.8
HFS	Hagfors	55.52	325	P	P	13 23 35.8	-0.8
SPB2	Spitsbergen Ar	56.56	347	P	P	13 23 44.8	+0.8
SPB2	Spitsbergen Ar	56.56	347	P	P	13 23 43.4	-0.7
comp=Z:1.8nm,0.7s,baz=125,slow=9.0,SNR=0.9							
SPB2	Spitsbergen Ar	56.59	347	P	P	13 23 43.4	-0.7
SPB2	Spitsbergen Ar	56.59	347	P	P	13 23 43.4	-0.7
KBS	Kingsbay	57.61	347	P	P	13 23 51.8	+0.6
KBS	Kingsbay	57.61	347	P	Pmax	13 23 51.8	+0.6
comp=Z:2.5nm,1.5s							
WBO	Warramunga Arr	68.28	130	P	P	13 25 03.4	+0.4
WRA	Warramunga Arr	68.28	130	P	Iamb	13 25 03.7	+0.1
comp=Z:2.0nm,0.9s,baz=318,slow=5.9,SNR=11							
WRA	Warramunga Arr	68.36	130	P	P	13 25 04.0	+0.5
WRA	Warramunga Arr	68.36	130	P	iP	13 25 04.1	+0.5
comp=Z:1.0nm,0.4s							
WR8	Warramunga Arr	68.48	130	P	P	13 25 05.0	+0.7
WR8	Borgarnes	70.02	334	P	P	13 25 13.1	-0.1
BORG	Borgarnes	70.02	334	P	P	13 25 13.1	-0.1
ASAR	Alice Springs	71.20	305	P	P	13 25 18.3	0.0
comp=Z:1.0nm,0.8s,baz=318,slow=6.6,SNR=8.6							
ASAR	Alice Springs	70.75	133	P	P	13 25 18.3	0.0
ASAR	Alice Springs	70.75	133	P	P	13 25 18.3	0.0
comp=Z:0.7nm,0.9s,baz=63,slow=3.7,SNR=3.4							
ESDC	Sonsecsa Array	71.20	305	P	P	13 25 20.4	-0.5
ESDC	Sonsecsa Array	71.20	305	P	Iamb	13 25 34.4	
comp=Z:2.0nm,1.4s							
TOLK	Toolik Lake Re	73.05	18	P	P	13 25 36.0	+0.9
TOLK	Toolik Lake Re	73.05	18	P	Iamb	13 25 45.1	
comp=Z:2.1nm,1.1s							
ILAR	Eielson Array	77.11	20	P	P	13 25 53.1	-1.8
comp=Z:0.3nm,0.8s,baz=312,slow=4.9,SNR=2.5							
ILAR	Eielson Array	77.11	20	P	P	13 25 53.1	-1.8

ILAR	Eielson Array	77.11	20	P	P	13 25 53.1	-1.8
TORD	Torodi Ar. Bea	78.28	278	P	P	13 26 01.9	-0.5
comp=Z:0.4nm,0.5s,baz=60,slow=5.7,SNR=4.7							
BOSA	Boschof	81.90	230	LR	LR	13 58 29.7	
comp=Z:95nm,21.2s,baz=207,slow=33							
YKA	Yellowknife Arr	86.40	9	P	P	13 26 42.6	-1.4
comp=Z:0.6nm,0.9s,baz=343,slow=5.5,SNR=7.8							
YKA	Yellowknife Arr	86.40	9	P	P	13 26 43.9	-0.1
YKA	Yellowknife Arr	86.40	9	P	P	13 26 43.9	-0.1
DBIC	Dimbokro	87.05	276	P	P	13 26 48.9	+0.9
comp=Z:2.8nm,0.9s,baz=52,slow=5.9,SNR=2.6							
DBIC	Dimbokro	87.05	276	P	Iamb	13 26 47.6	-0.4
DBIC	Dimbokro	87.05	276	P	P	13 26 47.6	-0.4
comp=Z:4.0nm,1.1s							
NVL	N'lazarevskaya	112.89	200	iPKIKP	PKIKP	13 32 37.7	-0.2
NVL	N'lazarevskaya	112.89	200	ePPP	PPP	13 33 25.4	
NVL	N'lazarevskaya	112.89	200	eSSS	SSS	13 35 48.0	
NVL	N'lazarevskaya	112.89	200	eSSS	SSS	13 40 09.6	-0.6
NVL	N'lazarevskaya	112.89	200	eSSS	SSS	13 53 21.4	
comp=Z:12nm,1.2s							
NVL	N'lazarevskaya	112.89	200	MLR	MLR	13 32 37.7	-0.2
comp=Z:4.62nm,22.0s							
TXAR	Lajitas Array	120.33	9	PKP	PKPdf	13 32 52.3	-1.5
comp=Z:0.1nm,0.6s,baz=180,slow=3.3,SNR=2.2							
TXAR	Lajitas Array	120.33	9	PKP	PKPdf	13 32 52.5	-1.3
TXAR	Lajitas Array	120.33	9	PKIKP	PKPdf	13 32 52.5	-1.3

IDC 05 13:16:46.3:0.8,30'02N:85'40E,h0km,mb3.8/16, mbtmp3.8/18,ML3.2/1,MS3.6/2,Error ellipse: s-maj=27.5km s-min=16.1km az=50.0
MOS 05 13:16:49.5:1.8,30'25N:85'37E,h16km,mb4.4/10, Error ellipse: s-maj=12.6km s-min=6.7km az=104.7
NDI 05 13:16:51.7:1.8,30'38N:85'54E,h10km,ML4.3,MW4.2, mb4.3(NEIC)
NEIC 05 13:16:52.1:1.4,30'4N:0'1x:85'6E:0.1,h10km,1km, mb4.3/21, Error ellipse: s-maj=24.9km s-min=15.0km az=213.0
DMN 05 13:16:52.0:4.0,30'25N:85'50E,h10km,ML4.1/5, Error ellipse: s-maj=7.2km s-min=6.3km az=27.0
ISC 05 13:16:49.5:2.6,30'19N:0'05:85'45E:0'04,h8km,17km, n98,1:81/99,mb4.2/39,3C-7D,Xizang

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC	h m s	ISC
GKN	Gorkha	2.29	198	Pn	Pb	13 17 29.9	-1.3
baz=199,slow=0.0							
GKN	Gorkha	2.29	198	Pn	Pb	13 17 56.7	+0.4
baz=172,slow=0.0							
GUN	Gumba	2.30	171	Pn	Pn	13 17 29.7	+1.6
baz=172,slow=0.0							
GUN	Gumba	2.30	171	Pn	Pn	13 17 57.2	+0.4
baz=172,slow=0.0							
DANN	Dangsing	2.35	219	Pn	Pb	13 17 31.1	-1.3
baz=219,slow=0.0							
KKN	Kakani	2.40	184	Pn	Pb	13 17 31.6	-1.4
baz=184,slow=0.0							
KKN	Kakani	2.40	184	Pn	Pn	13 17 59.5	+0.5
baz=184,slow=0.0							
DMN	Daman	2.59	187	Pn	Pb	13 17 34.7	-1.6
baz=188,slow=0.0							
DMN	Daman	2.59	187	Pn	Pn	13 18 05.2	+1.4
baz=188,slow=0.0							
PKIN	Phulchoi	2.60	181	Pn	Pb	13 17 34.8	-1.8
baz=182,slow=0.0							
PKIN	Phulchoi	2.60	181	Pn	Pn	13 18 05.2	+1.0
baz=182,slow=0.0							
KOLN	Koldanda	2.91	214	Pn	Pb	13 17 38.7	-3.0
baz=214,slow=0.0							
KOLN	Koldanda	2.91	214	Pn	Pn	13 18 11.9	+0.4
baz=214,slow=0.0							
PYUN	Puian	3.00	227	Pn	Pn	13 17 39.1	+1.6
baz=226,slow=0.0							
GTK	Tadong	3.98	135	eP	Pn	13 17 54.1	+3.1
GTK	Tadong	3.98	135	eP	eS	13 18 39.6	+1.7
GTK	Tadong	3.98	135	eP	IAML	13 18 57.6	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Paso Flores, Pinedale Array, Dugway, ULM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAJ, ASAHAWA, ASAJ, KSRS, HILR, etc.

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

IDD 05 13:56:16.7, 0.36, 18N, 141.95E, h0km, mb3.7/13, mbmp3.7/17, ML3.6/4, MS2.8/3, Error ellipse: s-maj=19.3km s-min=17.4km az=81.0

5d 14h

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like MTBS, KST, KBK, UZB, AAK, DGS, FRU1, SHLS, SHLS, SHLS, KPKS, KPKS, PDGK, PDGK, EKS2, EKS2, CHKK, CHKK, CHKK, KRBS, KRBS, USP, USP, ARXS, ARXS, ARXS, ARXS, KK31, KK31, KK31.

IDC 05 14:20:46.3z.3.4, 15.275z.173.88W, h0km, mb4, 1/5, mbmp3, 1/5, Error ellipse: s-maj=90, 1km s-min=34.7km az=30.0

NEIC 05 14:21:23.7z.1.2, 16.55z.0.1x174.7Wz.0.1, h26km, 4.4km, mb4, 2/19, Error ellipse: s-maj=16.6km s-min=15.6km az=137.0

ISC 05 14:21:22.4z.0.6, 16.55z.0.1x174.80Wz.0.08, h250km, n48, n174/48, mb4, 1/12, Tonga Islands

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

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Table with columns: Station, Frequency, Power, and other technical details. Includes stations like VVDA, GSPA, GSPA, SHOC, BLSA, H03S2, H03S1, H03S3, IDC 05, RAO, RAO, URZ, URZ, CTA, PMG, ASAR, ASAR, WRA, JAY, SIJI, GUMO, BATI, GSPA, H03S2, H03S1, H03S3, H03N3, H03N2, H03N1, FINES, IDC 05, DJA, ISC 05, Code, Station Name, Frequency, Power, and other technical details.

IDC 05 14:30:24.1z.1.0, 1.012z.124.73E, h0km, mb3, 6/6, mbmp3, 7/6, Error ellipse: s-maj=19.6km s-min=19.0km az=64.0

DJA 05 14:30:30.0z.1.6, 0.5z.2x12.5Ez.1, h15km, 13km, M4, 4/19, mB5, 1/1, mb4, 4/7, MLV4, 4/19, Mv(m)B, 4/4/1

ISC 05 14:30:3z.1.0, 0.195z.0.10x124.63E, 0.07, h35km, n24, n154/26, mb3, 7/6, Southern Molucca Sea

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

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Table with columns: Station, Frequency, Power, and other technical details. Includes stations like JTS, PIRO, SIUN, OTAV, ATAH, LPIG, HBVL, 833A, NNA, HNDO, TX31, TXAR, TXAR, TXAR, HKT, HKT, TPB01, VDRN, SDV, MNTX, RPN, POST, DUN6, ANMO, TASM, TASM, TUL3, X16A, BC3, BC3, WUAZ, WUAZ, PFO, LPAZ, LPAZ, JSC, SJG, TKL, PV05, PV12, PV12, CLC, MTPU, ISA, WCT, PSUT, O20A, SPR3, MPU, DUG, NVAR, NVAR, NVAR, H03N2, H03N1, H03N3, BGU, ELK, HVU, PDAR, PDAR, PDAR, PDAR, MOOV, MFID, YNE, BCYI, YBH, JSD, SADO, MDP, ULM, ULM, PDAR, ULM, CPUP, CPUP, PLCA.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Rows include stations like Brasilia, Byron's Ledge, Wood Valley, Schefferville, etc.

IDC 05 14:55:36.6, 5.8, 1.12N, 99.48W, h0km, mb3.5/4, mbmtmp3.5/4, MS3.1/1, Error ellipse: s-maj=381.5km s-min=71.4km az=93.0, West of Galapagos Islands

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Rows include stations like Matias Romero, Lajitas Array, etc.

IDC 05 14:59:49.4, 1.2, 9.85S, 118.84E, h0km, mb3.7/6, mbmtmp3.8/11, ML3.8/5, Error ellipse: s-maj=43.8km s-min=17.8km az=47.0

NEIC 05 14:59:54.6, 1.4, 9.74S, 0.03x119.02E, 0.07, h35km, 2km, mb4.4/13, Error ellipse: s-maj=12.0km s-min=3.3km az=250.0

DJA 05 14:59:55.0, 5.0, 10.5S, 3.1x119.0E, h21km, 5km, M4.3/23, mb4.5/12, MLV4.3/23

ISC 05 14:59:54.9, 0.9, 9.77S, 0.05x119.25E, 0.05, h44km, 9km, n67, z=33/66, mb4.0/10, Sumba region

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

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, h, m, s, ISC. Rows include stations like KAPI Kappang, SOEI Soe, SOEI Soe, etc.

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

PINM	Pinnacle	83.71	18	P	P	15 16 38.7	0.0
TNA	Tin City	83.75	4	P	P	15 16 38.5	-0.2
N25K	China Valde	83.78	15	P	P	15 16 39.2	+0.1
F14K	Arctic Creek	83.78	5	P	P	15 16 39.1	+0.2
MAW	Mawson	83.81	200	P	P	15 16 39.8	+0.7
R31K	City Hall, Gus	83.81	21	P	P	15 16 39.1	+0.1
M24K	Tolsona Glenn	83.83	14	P	P	15 16 39.0	-0.3
WAT6	Susitna Watana	83.88	14	P	P	15 16 39.4	+0.3
HNS	HongShan	83.91	312	UP	P	15 16 41.1	+1.0
HNS					pmx		
WAT1	Susitna Watana	83.92	13	P	P	15 16 39.2	-0.4
H17K	Granite Mounta	83.93	8	P	P	15 16 39.1	-0.5
MCAR	McCarthy VSAT	84.00	16	P	P	15 16 40.5	+0.5
SEY	Seymchan	84.04	347	UP	P	15 16 40.0	-0.1
J20K	Nowinta River	84.06	10	P	P	15 16 40.2	-0.1
U35K	Hyder	84.08	25	P	P	15 16 40.8	+0.4
G16K	Koyuk River	84.08	7	P	P	15 16 40.7	+0.5
KTH	Kantishna Hill	84.08	12	IAMB	IAMB	15 16 40.3	
BARN	Barnard Glacie	84.10	17	IAMB	IAMB	15 16 42.1	
CTG	China Glacier	84.11	17	P	P	15 16 40.4	-0.3
TRF	Thorofore Moun	84.11	12	IAMB	IAMB	15 16 40.9	
TRF	Thorofore Moun	84.11	12	P	P	15 16 39.6	-1.1
CHUM	Lake Minchumin	84.12	11	P	P	15 16 40.6	+0.1
R32K	Eaglecrest	84.12	21	P	P	15 16 41.2	+0.5
F15K	North Star Dit	84.16	6	P	P	15 16 40.7	0.0
BJ12	Beijing	84.16	315	P	P	15 16 42.1	+0.8
BJ2					pmx		
BJT		84.16	315	IAMB	IAMB	15 16 43.4	
BJT					pmx		
BJT	Baijiatua	84.16	315	P	P	15 16 42.4	+1.1
GC5A	Galena City Sc	84.16	9	P	P	15 16 40.7	0.0
LYN	LuoYang	84.22	309	P	P	15 16 42.9	+1.2
LYN					pmx		
PSI	Prapat	84.26	275	P	P	15 16 42.1	-0.4
PSI	Prapat	84.26	275	P	P	15 16 41.3	-1.2
PSI					pmx		
O28M	Mount Upton	84.28	18	P	P	15 16 41.2	-0.5
HAR8	HAARP	84.32	15	P	P	15 16 42.3	+0.7
H18K	Honhosa River	84.34	8	P	P	15 16 42.5	+0.9
RND	Reindeer	84.37	13	IAMB	IAMB	15 16 42.6	
O29M	Mount Kennedy	84.38	19	P	P	15 16 42.4	+0.3
D17K	Kiwalk Mounta	84.38	7	P	P	15 16 41.4	-0.4
GHY	Denali Highway	84.40	13	P	P	15 16 42.0	-0.1
PLBC	Pleasant Camp	84.41	20	P	P	15 16 42.0	0.0
BPWA	Bear Paw Mtn.	84.56	12	P	P	15 16 43.1	+0.4
I20K	Naaghedeneel	84.58	10	P	P	15 16 42.6	-0.2
MCK	McKinley	84.64	13	P	P	15 16 42.5	-0.6
MCK	McKinley	84.64	13	P	P	15 16 43.7	
MCK	McKinley	84.64	13	P	P	15 16 42.5	-0.6
MCK	McKinley	84.64	13	P	P	15 16 43.4	+0.2
ENH	Enshi	84.67	304	P	P	15 16 45.0	+0.9
P30M	Million Dollar	84.73	19	P	P	15 16 44.2	+0.5
PAX	Paxson	84.74	14	P	P	15 16 43.5	-0.2
T35M	Bob O'Ann	84.74	24	P	P	15 16 44.3	+0.5
SKAG	Skagway	84.75	20	P	P	15 16 43.5	-0.2
YUK6	Steele Glacier	84.82	17	P	P	15 16 43.7	-0.6
TSI	Tuntingan	84.82	275	P	P	15 16 45.0	-0.1
M26K	Nabesna, AK	84.86	16	IAMB	IAMB	15 16 45.6	
M26K	Nabesna, AK	84.86	16	P	P	15 16 44.5	+0.2
YUK6	Outpost Mounta	84.95	18	P	P	15 16 44.8	-0.2
H19K	Roundabout Mou	84.96	9	P	P	15 16 44.8	+0.3
G18K	Tagagawik	85.00	8	P	P	15 16 44.7	-0.1
YUK3	Moose Creek	85.02	17	P	P	15 16 44.7	-0.6
GS1	Gunungstoli	85.07	273	P	P	15 16 47.5	+1.1
GS1	Gunungstoli	85.07	273	P	P	15 16 47.1	+0.7
S34M	Telegraph Cree	85.07	23	P	P	15 16 45.7	+0.4
HYT	Haines Junctio	85.12	19	P	P	15 16 46.0	+0.4
M27K	Edge Creek, AK	85.12	16	IAMB	IAMB	15 16 47.2	
M27K	Edge Creek, AK	85.12	16	P	P	15 16 46.0	+0.3
H20K	Anotleneega Mo	85.17	9	P	P	15 16 46.2	+0.5
YUK4	Talbot Arm	85.19	18	P	P	15 16 47.2	+1.1
F17K	Baldwin Pennin	85.22	7	P	P	15 16 46.0	+0.2
I21K	Tanana	85.36	11	P	P	15 16 47.3	+0.8
NEA2	Nenana	85.38	12	P	P	15 16 46.7	0.0
P32M	Atlin	85.39	21	P	P	15 16 47.4	+0.5
K24K	Donnelly Dome	85.39	14	IAMB	IAMB	15 16 47.9	
K24K	Donnelly Dome	85.39	14	P	P	15 16 46.4	-0.4
Q32M	Nakina River	85.42	22	P	P	15 16 47.1	-0.1
BVCY	Beaver Creek	85.43	16	P	P	15 16 47.5	+0.5
GYA	Guyang	85.44	300	UP	P	15 16 49.4	+1.4
GYA					pmx		
G19K	Purcell Mounta	85.45	8	P	P	15 16 46.6	-0.4
WRH	Wood River Hill	85.47	13	IAMB	IAMB	15 16 48.3	
O30N	Mendenhall	85.51	19	IAMB	IAMB	15 16 49.0	
O30N	Mendenhall	85.51	19	P	P	15 16 47.1	-0.3
ZEA	Zeya	85.52	331	eP	P	15 16 48.4	+0.8
ZEA					pmx		
ZEA					pmx		
RIDG	Independent Ri	85.55	14	P	P	15 16 47.1	-0.4

F18K	Selawik	85.55	7	P	P	15 16 46.5	-0.9
K08C	Kotacane, Aceh	85.57	275	P	P	15 16 47.8	-1.0
SUR	Surina	85.62	281	P	P	15 16 50.5	+1.6
DOSI	Dot Lake	85.65	14	IAMB	IAMB	15 16 49.0	
H21K	Melozitna Riv	85.66	10	IAMB	IAMB	15 16 50.2	
H21K	Melozitna Riv	85.66	10	P	P	15 16 48.7	+0.7
HDA	Harding Lake	85.66	13	IAMB	IAMB	15 16 48.5	
HDA	Harding Lake	85.66	13	P	P	15 16 47.3	-0.7
HYA	Harding Lake	85.66	13	P	P	15 16 49.6	+0.9
TIY	Taiyuan	85.66	312	P	P	15 16 47.3	-0.7
CCB	Clear Creek Bu	85.69	13	IAMB	IAMB	15 16 48.3	
L27K	Beaver Creek,	85.71	16	P	P	15 16 48.4	+0.1
N30M	Atishik Lake	85.74	18	P	P	15 16 48.9	+0.4
E17K	Hotham Inlet	85.78	6	P	P	15 16 48.8	+0.3
TXAR	Lajitas Array	85.79	57	P	P	15 16 51.4	+1.8
TXAR	Lajitas Array	85.79	57	P	P	15 16 50.0	-0.7
TXAR	Whitehorse	85.81	20	P	P	15 16 51.2	+1.7
I23K	Minto, Yukon-K	85.82	12	P	P	15 16 48.6	0.0
COLA	College	85.88	12	P	P	15 16 47.9	-1.0
COLA	College	85.88	12	UP	P	15 16 48.0	-1.0
COLA	College	85.88	12	P	P	15 16 48.8	-0.2
TASM	ASL Pad, Albuq	85.93	51	IAMB	IAMB	15 16 52.4	
TASM	ASL Pad, Albuq	85.93	51	IAMB	IAMB	15 16 52.4	
TASM	ASL Pad, Albuq	85.93	51	IAMB	IAMB	15 16 52.4	
ANMO	Albuquerque	85.93	51	P	P	15 16 50.8	+0.6
ANMO	Albuquerque	85.93	51	P	P	15 16 49.1	-1.1
ANMO	Albuquerque	85.93	51	UP	P	15 16 50.4	+0.2
ANMO	Albuquerque	85.93	51	UP	P	15 16 49.1	-1.1
SCRK	Sand Creek	85.95	14	P	P	15 16 49.5	0.0
SCRK	Sand Creek	85.95	14	P	P	15 16 49.8	+0.2
IL31	IL31	85.99	13	P	P	15 16 49.2	-0.3
ILAR	Eielson Array	85.99	13	P	P	15 16 49.0	-0.6
ILAR	Eielson Array	85.99	13	P	P	15 16 56.0	-1.0
ILAR	Eielson Array	85.99	13	P	P	15 16 49.1	-0.4
ILAR	Eielson Array	85.99	13	P	P	15 16 56.0	-1.0
ILAR	Eielson Array	85.99	13	P	P	15 16 49.1	-0.4
ILAR	Eielson Array	85.99	13	P	P	15 16 56.0	-1.0
F19K	Shalruckik Mo	86.01	8	P	P	15 16 50.3	+0.7
M29K	Somme Creek	86.12	17	P	P	15 16 50.7	+0.3
H22K	Ishtaitna Cre	86.12	11	P	P	15 16 50.4	+0.2
XLT	XiLinHaoTe	86.12	319	eP	P	15 16 51.4	+0.6
XLT					pmx		
XLT					pmx		
P33M	Temple, Yukon	86.15	21	P	P	15 16 50.3	-0.2
N31M	Selkirk, Yuko	86.16	19	P	P	15 16 50.2	-0.2
POKR	Poker Plat Res	86.18	12	P	P	15 16 50.4	0.0
J25K	Selkirk River,	86.18	13	P	P	15 16 50.8	+0.2
R33M	Jennings River	86.20	22	P	P	15 16 51.0	+0.2
E18K	Tukpalearik C	86.23	7	P	P	15 16 50.7	+0.1
D17K	Noatak River	86.25	6	P	P	15 16 50.5	-0.2
G21K	Allakatak	86.33	10	P	P	15 16 51.0	-0.2
TPB01	Perman Basin	86.34	56	IAMB	IAMB	15 16 54.5	
K27K	Chicken	86.45	15	IAMB	IAMB	15 16 53.5	
F20K	Varangt Lake	86.49	9	P	P	15 16 52.4	+0.6
J26L	Joseph Creek	86.49	14	IAMB	IAMB	15 16 53.7	
J26L	Joseph Creek	86.49	14	P	P	15 16 51.4	-0.6
SNS1	Sinabang, Aceh	86.60	274	P	P	15 16 54.7	+1.1
RDOG	Red Dog Mine	86.61	6	P	P	15 16 52.7	+0.3
C16K	Lisburne Hill	86.62	5	P	P	15 16 52.9	+0.5
BILL	Bilibino	86.65	354	UP	P	15 16 52.7	+0.1
BILL					pmx		
XAN	Xi'an	86.66	307	UP	P	15 16 54.4	+0.9
XAN					pmx		
E19K	Redstone River	86.67	8	P	P	15 16 53.0	+0.3
TPB05	Hovey Rd	86.69	56	IAMB	IAMB	15 16 51.0	
M30M	Minto, Yukon	86.70	18	IAMB	IAMB	15 16 54.4	
M30M	Minto, Yukon	86.70	18	P	P	15 16 53.4	+0.4
H24K	Noodor Dome	86.72	12	P	P	15 16 53.8	+0.7
L29M							

Table with columns: PLCA, comp-Z, Iamb, P, pmax, and time/res data. Includes stations like PASO FLORES, MALCOLM RIVER, and various other locations.

Table with columns: BRTR, Keskin Array B, 145,17,315, PKPpdf, PKPpdf, and time/res data. Includes stations like Keskin Array B, ZVIR, KIRS, and various other locations.

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Op, ISC, Time, Res, and h m s ISC. Includes stations like Haha-jima-NKT2, Chichijima, WAKA ISLAND, and various other locations.

ICD 05 15:19:23.2, 1.3, 2.6; 76N; 142.01E; h46km; 23km, mb3.8/4, mbtmp3.9/5, ML2.4/1, Error ellipse: s-maj=88.9km

ICD 05 15:19:23.2, 1.3, 2.6; 76N; 142.01E; h46km; 23km, mb3.8/4, mbtmp3.9/5, ML2.4/1, Error ellipse: s-maj=88.9km

Table with columns: KAPI, WRA, ASAR, MKAR. Includes station names like Kappang, Warramunga Arr, Alice Springs, and Rakwanchi Array with associated coordinates and parameters.

SCB 05 15:39:30.2±1.3, 17:45S±69:27W, h172km, 10km, ML1.6/2, Error ellipse: s-maj=29.4km s-min=5.0km az=2.0

GUC 05 15:39:32.5±0.9, 17:04S±69:49W, h168km, 10km, ML2.6

ISC 05 15:39:27.9±2.4, 17:39S±0:08.695W, 0.1, h186km, 14km, n24, c178/37, 2C, Peru-Bolivia border region

Main table for SCB, GUC, and ISC stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like IPOC Station P, BBOB, BBOU, AP01, etc.

RSNC 05 15:39:32.0±0.4, N1°7'55"W, h45km, 2km, M1.4, ML1.4, Colombia

Table for RSNC Colombia stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Prado, Ortega, Tolima, etc.

RSNC 05 15:39:34.0±0.2, N3°7'9"W, h39km, 4km, M2.1, ML1.9, Colombia-Ecuador border region

Main table for RSNC Colombia-Ecuador border region stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Tumaco, Volcan Galeras, Pacto, Paraso, etc.

NEIC 05 15:40:04.3±1.4, 17:9S±0:2:178:2W, 0.1, h54km, 10km, mb4.2/19, Error ellipse: s-maj=26.8km s-min=16.7km az=155.0

IDC 05 15:40:06.0±8.6, 17:80S±178:44W, h564km, 96km, mb3.1/5, mbtmp4.1/5, Error ellipse: s-maj=91.0km s-min=36.6km az=148.0

ISC 05 15:40:04.0±0.6, 17:9S±0:2:178:26W, 0.10, h550km, n30, c079/34, mb4.2/15, Fiji Islands region

Main table for ISC Fiji Islands region stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like MSVF, AFI, NIUE, etc.

Table for ASAR stations. Columns: ASAR, Alice Springs, ASAR, FORT, MBWA, GSPA, N15K, P18K, O18K, L18K, CCUT, CCB, ILAR, TXAR, D22K. Includes station names like Alice Springs, Forrest, Marble Bar, etc.

ATH 05 15:53:27.2, 40:11N±20:28E, h8km, 2km, ML2.6/12, Manual Solution by G. Panopoulou First location: 2020/01/05 15:54:38, This location: 2020/01/05 17:27:30

THE 05 15:53:30.0, 40:11N±2:0E, h4km, 2km, M2.5/17, MLh2.5/17

TIR 05 15:53:30.0, 40:07N±20:57E, h14km, 1km, M12.2/3, ISC 05 15:53:42.1±1.4, 00:09N±0:02:241E, 0.03, h6km, 10km, n50, c1521/64, 1C, Greece-Albania border region

Main table for ASAR, ATH, THE, TIR stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Janina, Kerkira, Korca, etc.

IDC 05 16:34:22.7±1.1, 2:94S±129:22E, h0km, mb3.6/5, mbtmp3.8/8, ML3.8/3, Error ellipse: s-maj=30.8km s-min=20.5km az=84.0

DJA 05 16:34:26.0±0.5, 3:5S±12:9E, h14km, 5km, M4.2/15, mb4.6/5, ML4.1/5

ISC 05 16:34:27.5±0.7, 2:93S±0:06:129:23E, 0:05, h33km, n21, c128/24, mb3.7/5, Seram

Main table for IDC, DJA, ISC Seram stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Masohi, Karang Ratu, Ambon, etc.

Table for WRA, ASAR, CMAR, SONM, MKAR, ZALV stations. Includes station names like Warramunga Arr, Alice Springs, Chiang Mai Arr, etc.

IDC 05 16:56:24.7±1.8, 1:70N±126:03E, h0km, mb3.5/4, mbtmp3.5/4, MS3.6/1, Error ellipse: s-maj=194.4km s-min=22.1km az=66.0, Northern Molucca Sea

Main table for IDC Northern Molucca Sea stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Tagaytay City, Warramunga Arr, etc.

IDC 05 17:01:00.1±0.7, 1:98N±100:63W, h0km, mb4.4/14, mbtmp4.4/16, ML3.4/3, MS4.3/5, Error ellipse: s-maj=25.5km s-min=12.8km az=53.0

NEIC 05 17:01:03.2±1.2, 2:38N±0:10:130:3W, 0.1, h10km, 1km, mb4.3/27, Error ellipse: s-maj=24.1km s-min=14.0km az=242.0

GCMT 05 17:01:05.7±0.2, 2:25N±0:01:100:15W, 0.02, h12km, MM5.1/119, Moment Tensor Solution, s68, c87, s119, c180, Duration: 0 Moment tensor: Scalar 1016Nm; Mr=4.39±0.9; Mw=4.71±0.7; Mo=0.32±0.1; Mo=1.75±2.6; Mho=0.29±0.7; Mho=0.34±.31; Best double couple: Mo=4.89500±0.16 NP1:0.900000±.034, 0.00000±.85, 0.00000±.NP2:0.264, 0.00000±.656, 0.00000±.93, 0.00000±. Principal axes: T 5.0580, Plg11, 0.0000±. Azm356, 0.0000±. N -0.3280, Plg3, 0.0000±. Azm266, 0.0000±. P -4.7320, Plg79, 0.0000±. Azm161, 0.0000±. nstia1 refers to body waves, cutoff=40s. nstia2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 05 17:01:03.5±1.3, 2:19N±0:08:100:39W, 0.08, h20km, 6km, n507, c1919/362, mb4.9/15, M4.5/50, Galapagos Triple Junction region

Main table for IDC, NEIC, GCMT, ISC Galapagos Triple Junction region stations. Columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Matias Romero, Esquipulas, Las Juntas de, etc.

5d 17h

2020 JAN

Table with columns: Station Name, Frequency, Power, Direction, Date/Time, and other details. Includes stations like DICKENS, TUCSON, MIAR, ANMO, etc.

Table with columns: Station Name, Frequency, Power, Direction, Date/Time, and other details. Includes stations like PDAR, PDRAR, ECSD, RSDS, etc.

Table with columns: Station Name, Frequency, Power, Direction, Date/Time, and other details. Includes stations like N31M, O29M, H2Y, M31M, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Status. Includes stations like K24K Donnelly Dome, DHY Denali Highway, CAPN Captain Cook N, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Status. Includes stations like G23K Bananza Creek, G23K Bananza Creek, C27K Jago River, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Status. Includes stations like G16K Koyuk River, F17K Baldwin Pennin, P08K Saint George I, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like CMIG Matias Romero, TXAR Lajitas Array, PDAR Pinedale Array, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like TECO Alcadia de Te, PACA Pacayal, PACA Pacayal, UESV Universidad de UESV, etc.

5d 17h

2020 JAN

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BLM, LALI, LFRS, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PET, DALK, UGLR, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CN2, KSR5, KSR9, etc.

IDC 05 17:23:59.2, 0.7, 48, 18Nk, 155.05E, h0km, mb4, 1/23, mbtmp4, 1/30, ML4, 3/5, Error ellipse: s-maj=16.9km s-min=12.8km az=135.0

NEIC 05 17:24:59.9, 2.7, 48, 13N, 0.08, 155.2E, 0.1, h10km, 1km, mb4, 2/29, Error ellipse: s-maj=13.6km s-min=12.4km az=136.0

KRSC 05 17:24:02.1, 1.5, 48, 12N, 156.50E, h20km, 34km, M4.4 SKHL 05 17:24:03.0, 2.48, 00N, 155.20E, h44km, 6km, mbs, 2/5

MOS 05 17:24:04.4, 1.4, 48, 23N, 155.11E, h49km, mb4, 8/20, Error ellipse: s-maj=8.2km s-min=4.0km az=79.8

ISC 05 17:24:02.1, 0.5, 48, 03N, 0.06, 155.29E, 0.06, h27km, n213, s-179/221, mb4, 4/64, MS3.8/8, 10C-6D, Kuril Islands

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SKR, PAU, KDR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PDAR Pinedale Array, FINES FINESS Array B, OBNS Obninsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TINTI Ternate, TTSI Tana Toraja, SPSI Sidrap Palu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DALK Dalny, UGLR Uryla, KOK Koryaka, etc.

WEL 05:17:30:49.2-1.7:32'S;111°17'8"E;6.2,h33km,mb4.5/1, ML4.2/2,Mw(mb)3.7/1, Error ellipse: s-maj=80.9km s-min=12.7km az=94.2, confirmed, North of New Zealand

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, HAZ Te Kaha, PKGZ Pakihiroa, etc.

IDC 05:17:31:24.7-0.7:48'16"N;155'03"E,h0km,mb4.2/21, mbtmp4.2/27,ML4.5/4,MS3.8/10, Error ellipse: s-maj=16.8km s-min=13.7km az=133.0 MOS 05:17:31:28.9-1.3:48'24"N;154.99"E,h34km,mb4.9/25, Error ellipse: s-maj=7.8km s-min=4.1km az=81.1 NEIC 05:17:31:29.8-2.5:48'30"N;154.7E:0.1,h35km,2km, mb4.1/5, Error ellipse: s-maj=21.3km s-min=11.9km az=145.0 SKHL 05:17:31:29.4-0.2:48'00"N;155'30"E,h54km,6km,mb5.3/6, ms4.4/6

ISC 05:17:31:29.0-0.5:48'12"N;155'11"E:0.05,h33km,m207, s186/215,mb4.4/6,MS4.1/17,13C-9D,Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

5d 17h

Table with columns: YAK, Yakutsk, 19.96 324, P, P, 17.35 56.6 -1.3, comp=Z, 2.09nm, 18.4s, baz=110, slow=38, comp=Z, 2.2nm, 0.8s

2020 JAN

Table with columns: CMAR, Chiang Mai Arr, 54.01 257, i/P, P, 17.40 51.5 +1.6, comp=Z, 2.0nm, 0.8s, AAK, Ala-Archa, 54.44 296, iAmb, P, 17.40 50.4 -2.6

280

Table with columns: PSZ, Piszkesteto, 76.74 331, P, P, 17.43 17.9 +1.2, DRGR, Cesky Krumlov, 76.77 329, P, P, 17.43 17.2 +0.3, KRUC, Moravsky, 76.82 334, eP, P, 17.43 18.3 +1.2

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other technical details. Includes stations like Port Moresby, Kallianget, Jagaj, Banyuwana, Kota Kinabalu, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other technical details. Includes stations like Vanda, Borovoye, Noril'sk, South Pole Qui, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other technical details. Includes stations like Makanchi, Kurchatov, Banah, Zalesovo, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, PLCA Paso Flores.

NEIC 05 18:09:06.7, 1.2, 18.0S:0.2:177.9W:0.2, h586km, 21km, mb4.2/16, Error ellipse: s-maj=29.8km s-min=13.1km az=47.0

IDC 05 18:09:14.9, 14.0, 17.74S:178.83W, h626km, 136km, mb3.3/4, mbtmp4.3/4, Error ellipse: s-maj=131.7km s-min=44.3km az=102.0

ISC 05 18:09:06.4, 0.8, 18.0S:0.2:177.9W:0.1, h590km, n27, a1506/29, mb4.2/11, Fiji Islands region

Main table of station data for the first section, including stations like MSVF Non savu, AFI Afiamalu, DZM Mont Dzum, etc.

IDC 05 18:10:58.9, 2.9, 2.02N:99.68W, h0km, mb3.9/5, mbtmp3.9/5, MS3.3/4, Error ellipse: s-maj=131.0km s-min=56.9km az=92.0

ISC 05 18:11:00.2, 3.0, 2.0N:0.4:99.6W:0.8, h10km, n12, a0887/7, mb3.9/5, MS3.3/4, West of Galapagos Islands

Main table of station data for the second section, including stations like LPIG La Paz, TXAR Lajitas Array, NVAR Mina Array, etc.

JMA 05 18:45:27.4, 0.3, 34.1N:2.13E, h393km, 2km, MV3.2/33, SE OFF KII PENINSULA

IDC 05 18:45:28.2, 0.8, 33.62N:136.84E, h387km, 12km, mb3.1/12, mbtmp3.9/16, Error ellipse: s-maj=24.3km s-min=10.7km az=67.0

ISC 05 18:45:27.1, 1.9, 33.6N:0.2:136.9E:0.1, h400km, n24, a1517/21, mb3.4/11, Near south coast of western Honshu

Main table of station data for the third section, including stations like JIE Ise, JKN2 Miekiokhu, JTNK Tanabenakahech, etc.

Table of station data for the fourth section, including stations like ZALV Zalesovo Beam, MKAR Makanchi Array, KURBB Kurchatov Arra, etc.

MOS 05 18:50:40.4, 0.8, 52.72N:157.53E, h191km, mb3.6/1, Error ellipse: s-maj=24.4km s-min=11.1km az=65.1

KRCS 05 18:50:40.3, 0.8, 52.53N:157.89E, h190km, 6km, M4.0, IDC 05 18:50:41.7, 0.6, 52.74N:157.34E, h183km, 4km, M3.2/9, mbtmp3.7/9, Error ellipse: s-maj=29.6km s-min=13.4km az=142.0

ISC 05 18:50:41.3, 0.6, 52.56N:0.06:157.74E:0.06, h186km, 4km, n64, c1509/90, mb3.5/9, 1C-1D, Kamchatka Peninsula

Main table of station data for the fifth section, including stations like GRL Gorelyy, MTRV Mutnovka, KRRM Karymskiy, etc.

PETK Petropavlovsk-268nm, 0.3s, baz=115, slow=5.9, SNR=664

PETK Petropavlovsk-339nm, 0.6s, baz=224, slow=47, SNR=1.4

Main table of station data for the sixth section, including stations like PETK Petropavlovsk, INSR Institute, DALK Dalny, etc.

MJAR Matsushiro Arr 21.11 228.9 P 18 55 12.5 +1.2

ILAR Eielson Array 30.20 45 P 18 56 34.5 +0.7

H1N2 WAKE ISLAND Hy 33.53 164 T 19 32 42.2

H1N3 WAKE ISLAND Hy 33.55 164 T 19 32 43.4

H1N1 WAKE ISLAND Hy 33.55 164 T 19 32 50.7

H1S1 WAKE ISLAND Hy 34.70 165 T 19 34 11.6

H1S3 WAKE ISLAND Hy 34.71 165 T 19 34 12.0

H1S2 WAKE ISLAND Hy 34.72 165 T 19 34 12.2

YKA Yellowknife Arr 44.52 41 P 18 58 34.6 +0.9

MKAR Makanchi Array 47.09 295f P 18 58 52.7 -1.5

NVAR Mina Array Bea 57.27 68 P 19 00 11.5 +2.1

PDAR Pinedale Array 59.03 59 P 19 00 23.4 +1.9

OBN Obninsk 62.18 326 e P 19 00 39.9 -2.4

TXAR Lajitas Array 72.16 65 P 19 01 47.4 +1.7

Table of station data for the seventh section, including stations like WRA Warramunga Arr, ASAR Alice Springs, H03N2 Juan Fernandez, etc.

MOS 05 18:58:49.4, 1.2, 6.18N:126.11E, h70km, mb5.3/71, MS4.3/7, Error ellipse: s-maj=8.6km s-min=4.0km az=118.1

DJA 05 18:58:52.8, 0.3, 6.1N:2.12E, h85km, 3km, M5.1/94, mB5.6/60, mb5.4/94, MLV5.8/11, Mw(B)5.2/60, MwMwp5.0/31, Mwp5.3/31

NEIC 05 18:58:52.1, 6.13N:126.32E, h80km, Moment Tensor Solution: Duration: 2.1 Moment tensor: Scale 10^19Nm; M=2.54; Mw=1.81; Mw_4.73; Ms=2.53; Ms_3.51; Mw_2.33; Mw_2.33; Fault plane solution: M=7.63000x10^16 NP1: phi=235.58000; delta=225000; lambda=123.45000; NP2: phi=11.35000; delta=21000; lambda=190000. Principal axes: T 8.0433, Plg66.0000; Azm219.0000; N -0.9163, Plg24.0000; Azm31.0000; P -7.1270, Plg3.0000; Azm123.0000;

IDC 05 18:58:52.8, 0.7, 6.14N:126.11E, h85km, 5km, mb4.7/39, mbtmp5.0/43, MS4.0/64, Error ellipse: s-maj=13.8km s-min=6.8km az=79.0

GFZ 05 18:58:52.7, 6.10N:126.15E, h79km, MW5.2, Moment Tensor Solution: s11 Moment tensor: Mw:7.05; Mw_0.10; Mw_6.95; Mw_2.83; Mw_3.51; Mw_1.41; Fault plane solution: NP1: phi=225.0000; delta=49.0000; lambda=123.0000; NP2: phi=1.0000; delta=50.0000; lambda=158.0000; Principal axes: T 8.4600, Plg66.0000; Azm204.0000; N -0.0300, Plg24.0000; Azm22.0000; P -8.4300, Plg1.0000; Azm113.0000;

NEIC 05 18:58:52.6, 1.9, 6.13N:0.06:126.11E:0.02, h81km, 4km, mb5.2/252, Mww5.2/25, Error ellipse: s-maj=9.2km s-min=2.6km az=167.0

GCMT 05 18:58:52.7, 6.10N:126.15E, h79km, MW5.2, Moment Tensor Solution: s11 Moment tensor: s13 c177, s31 c266; Duration: 1.61 Moment tensor: Scale 10^17 Nm; Mw:7.02; Mw_0.25; Mw_1.01; Mw_1.02; Mw_0.50; Mw_0.53; Mw_0.13; Mw_0.13; Best double couple: M=1.17600x10^17 NP1: phi=349.0000; delta=400000; lambda=135.0000; NP2: phi=231.0000; delta=857.0000; lambda=195.0000; Principal axes: T 1.1460, Plg53.0000; Azm198.0000; N 0.0640, Plg36.0000; Azm22.0000; P -1.2060, Plg2.0000; Azm291.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 05 18:58:52.5, 0.2, 6.13N:0.03:126.24E:0.04, h84km, 1km, mbtmp: P, n969, a1577/1005, mb5.2/266, 24C-19D, Mindanao

Main table of station data for the eighth section, including stations like DAV Davao City (W), DAV Davao City (E), DAV Davao City (W), etc.

MSAI Masohi 4.96 164 P 19 01 11.1 +0.6

AAI Ambon 5.00 169 P 19 01 12.2 -0.5

KKM Kota Kinabalu 9.96 270 P 19 01 13.8 +0.8

KKM Kota Kinabalu 9.96 270 P 19 01 15.0 +2.0

KDI Kendal 10.65 200 P 19 01 21.5 -0.8

FAKI Fak Fak 10.81 146 P 19 01 23.8 -0.7

FAKI Fak Fak 10.81 146 P 19 01 24.9 +0.4

FAKI Fak Fak 10.81 146 P 19 01 24.3 -0.2

RKPI Ransiki 10.98 134 P 19 01 27.0 +0.3

TTSI Tana Toraja 11.14 215 P 19 01 31.1 +2.2

BNDI Bandaaira 11.20 161 P 19 01 32.2 +2.5

BNDI Bandaaira 11.20 161 P 19 01 26.9 -2.8

KKSI Kolaka, Sulawesi 11.21 204 P 19 01 31.0 +1.1

BKB Balikpapan 11.87 232 P 19 01 33.0 -5.8

BKB Balikpapan 11.87 232 S 19 03 47.1 -2.3

BKB Balikpapan 11.87 232 S 19 01 39.5 +0.7

SPSI Sidrap Palu 11.93 213 P 19 01 40.2 +0.6

BAKI Biak 12.25 126 P 19 01 42.9 -1.1

SRPI Serui, Papua 12.77 128 P 19 01 52.6 +1.7

KAPI Kappang 12.83 210 P 19 01 52.0 +0.3

KAPI Kappang 12.83 210 P 19 01 51.7 -0.0

MTKI Mura Tewehe, K 13.32 239 P 19 02 00.2 +1.9

SBUM Sibau 14.45 256 P 19 02 15.0 +2.1

SBUM Sibau 14.45 256 P 19 02 15.1 +2.1

SMPI Sarmi 14.84 213 P 19 02 18.6 +0.5

BBKI Banjar Bara 14.84 230 P 19 02 21.4 -0.4

SAUI Saumlaki 14.90 160 P 19 02 19.9 +1.0

SAUI Saumlaki 14.90 160 P 19 02 15.0 +1.0

SAUI Saumlaki 14.90 160 P 19 02 20.2 +1.3

MMRI Maumere 15.20 195 P 19 02 22.1 -0.6

ZAAO	comp=Z,6.1nm,0.6s	Zalesovo Array	58.24 333	P	P	19 08 36.7	-1.4
ZAAO	comp=Z,16nm,1.0s	Zalesovo Beam	58.24 333	I	Amb	19 08 49.8	
ZALV	comp=Z,5.0nm,0.4s	Zalesovo Array	58.24 333	P	P	19 08 36.5	-1.6
ZALV	comp=Z,7.5nm,0.7s,baz=145,slow=3.5,SNR=4.9	Zalesovo Array	58.24 333	PcP	PcP	19 09 27.9	-0.6
ZALV	comp=Z,2.89nm,21.8s,baz=135,slow=37	Zalesovo Array	58.24 333	LR	LR	19 34 47.3	
ZALV	comp=Z,0.8nm,0.7s,baz=264,slow=5.5,SNR=6.9	Zalesovo Array	58.24 333	P	P	19 08 36.8	-1.3
ZALV	comp=Z,5.0nm,0.4s	Zalesovo Beam	58.24 333	I	P	19 08 39.0	+0.9
ZALV	comp=Z,165nm,18.4s,baz=94,slow=41	Zalesovo Beam	58.24 333	P	P	19 08 39.4	+0.7
AAK	comp=Z,16nm,2.0s	Ala-Archa	58.27 317	P	P	19 08 37.9	-0.9
AAK	comp=Z,16nm,2.0s	Ala-Archa	58.27 317	P	P	19 08 58.0	-1.2
AAK	comp=Z,16nm,2.0s	Ala-Archa	58.27 317	P	P	19 08 44.7	-1.9
KURBB	comp=Z,8.4nm,0.7s,baz=126,slow=6.2,SNR=29	Kurchatov Arra	59.47 327	P	P	19 08 45.7	-0.9
KURBB	comp=Z,8.4nm,0.7s,baz=126,slow=6.2,SNR=29	Kurchatov Arra	59.47 327	P	P	19 08 45.7	-0.9
KURBB	comp=Z,8.4nm,0.7s,baz=126,slow=6.2,SNR=29	Kurchatov Arra	59.47 327	P	P	19 08 45.7	-0.9
KURK	comp=Z,104nm,1.3s	Kurchatov	59.47 327	P	P	19 08 45.9	-0.7
KURK	comp=Z,104nm,1.3s	Kurchatov	59.47 327	P	P	19 09 06.1	-1.2
KURK	comp=Z,104nm,1.3s	Kurchatov	59.47 327	P	P	19 09 34.0	+0.6
KBL	comp=Z,9.5nm,0.7s	Kabul	59.69 307	P	P	19 08 48.1	-0.7
KBL	comp=Z,9.5nm,0.7s	Kabul	59.69 307	P	P	19 08 48.1	-0.7
SEY	comp=Z,10.0nm,0.7s	Seymchan	59.82 13	P	P	19 08 49.1	+0.3
SEY	comp=Z,7.7nm,20.8s,baz=173,slow=35	Seymchan	59.82 13	P	P	19 08 49.6	+0.8
SEY	comp=Z,7.7nm,20.8s,baz=173,slow=35	Seymchan	59.82 13	P	P	19 16 44.0	-1.0
SEY	comp=Z,7.7nm,20.8s,baz=173,slow=35	Seymchan	59.82 13	P	P	19 17 24.6	-4.8
SEY	comp=Z,17nm,1.5s	Seymchan	59.82 13	P	P	19 18 30.1	
SEY	comp=E,131nm,14.5s	Seymchan	59.82 13	P	P	19 08 49.1	+0.3
SEY	comp=N,140nm,16.5s	Seymchan	59.82 13	P	P	19 08 49.6	+0.8
GAR	comp=Z,130nm,18.6s,baz=284,slow=37	Garm	59.95 312	P	P	19 08 53.3	-0.8
DZA	comp=Z,130nm,18.6s,baz=284,slow=37	Taraz	60.52 316	eP	P	19 08 53.3	-0.8
DZA	comp=Z,130nm,18.6s,baz=284,slow=37	Taraz	60.52 316	eP	P	19 08 53.3	-0.8
SHEM	comp=Z,130nm,18.6s,baz=284,slow=37	Shemnya Is, Ala	60.66 31	LR	LR	19 36 08.4	
CHGR	comp=Z,21nm,0.8s	Chuyangaron	60.72 311	P	P	19 08 54.3	-1.3
CHGR	comp=Z,21nm,0.8s	Chuyangaron	60.72 311	P	P	19 08 54.3	-1.3
CHGR	comp=Z,21nm,0.8s	Chuyangaron	60.72 311	P	P	19 08 54.3	-1.3
KK31	comp=Z,13nm,1.3s	Karatay Array	61.16 316	P	P	19 08 56.9	-1.5
KKAR	comp=Z,13nm,1.3s	Karatay Array	61.16 316	P	P	19 08 57.3	-1.1
KKAR	comp=Z,13nm,1.3s	Karatay Array	61.16 316	P	P	19 08 57.3	-1.1
IUG	comp=Z,13nm,1.3s	luzhnay	61.17 315	eP	P	19 08 57.9	-0.7
IUG	comp=Z,13nm,1.3s	luzhnay	61.17 315	eP	P	19 08 58.0	-0.7
IUG	comp=Z,13nm,1.3s	luzhnay	61.17 315	eP	P	19 08 58.0	-0.7
SHAA	comp=Z,14nm,1.1s	Shahritys	61.19 310	P	P	19 08 57.0	-1.8
SHAA	comp=Z,14nm,1.1s	Shahritys	61.19 310	P	P	19 09 24.6	
CHM	comp=Z,60nm,1.1s	Chimkent	61.52 315	eP	P	19 09 00.2	-0.6
CHM	comp=Z,60nm,1.1s	Chimkent	61.52 315	eP	P	19 09 00.3	-0.6
BRLS	comp=Z,60nm,1.1s	Boroday	61.60 316	eP	P	19 09 00.9	-0.5
BRLS	comp=Z,60nm,1.1s	Boroday	61.60 316	eP	P	19 09 00.9	-0.5
QRZ	comp=Z,60nm,1.1s	Qurtz Channel	63.11 142	P	P	19 09 11.8	+0.4
THZ	comp=Z,60nm,1.1s	Tophars	63.89 143	P	P	19 09 16.9	+0.3
TCW	comp=Z,60nm,1.1s	Tory Range	64.41 142	P	P	19 09 19.9	0.0
URZ	comp=Z,60nm,1.1s	Urewera	64.63 137	LR	LR	19 36 51.7	
BVAO	comp=Z,172nm,21.0s,baz=303,slow=35	Boroyove Array	65.05 327	P	P	19 09 22.5	-1.5
BVAR	comp=Z,172nm,21.0s,baz=303,slow=35	Boroyove Array	65.05 327	P	P	19 09 23.2	-0.8
BVAR	comp=Z,172nm,21.0s,baz=303,slow=35	Boroyove Array	65.05 327	P	P	19 09 23.2	-0.8
BVAR	comp=Z,180nm,21.4s,baz=109,slow=36	Boroyove	65.10 327	P	P	19 09 23.4	-0.8
BORK	comp=Z,180nm,21.4s,baz=109,slow=36	Boroyove	65.10 327	P	P	19 09 23.4	-0.8
BORK	comp=Z,180nm,21.4s,baz=109,slow=36	Boroyove	65.10 327	P	P	19 09 23.4	-0.8
BORK	comp=Z,60nm,1.1s	Boroyove	65.10 327	P	P	19 09 23.3	-0.9
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.7	+0.5
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.7	+0.5
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.7	+0.5
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.8	+0.6
TIXI	comp=Z,25nm,0.8s	Tiksi	65.46 1	P	P	19 09 26.5	+0.3
TIXI							

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Pleasant Camp, Kingsbay, Malin Array Si, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Wrigley, Leirfjord, Toad, Kotan, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Cerro Coronel, Rodeo, Cuesta del Vie, etc.

CNRM 05 19:25:35.6, 34.777N; 1.86W, h10km, ML2.4
MDD 05 19:25:37.1, 0.8, 34.719N; 1.92W, h6km, 8km, Mb3.4/20,
M_m02.6/21, Error ellipse: s-maj=9.4km s-min=3.6km

ISC 05 19:25:36.9, 1.1, 34.86N, 0.03; 1.90W, 0.05, h22km, 8km,
n21, i1925/42, 12C, Northern Algeria

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like Taforalt, Meilla, Aklim, etc.

CRAAG 05 19:32:36.8, 34.69N; 1.88W, M3.0, Algrie 22km SW
Magnhia
MDD 05 19:32:40.5, 0.7, 34.91N; 1.91W, h0km, Mb3.5/18,
M_m02.7/18, Error ellipse: s-maj=6.3km s-min=3.6km
az=140.0

CNRM 05 19:32:40.8, 34.85N; 1.96W, h26km, ML2.5
ISC 05 19:32:39.5, 1.1, 34.83N, 0.03; 1.87W, 0.03, h16km, 8km,
n21, i1925/42, 11C, Northern Algeria

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time Res, and other parameters. Includes stations like Beni Bahdel, Taforalt, Ouhaca, etc.

5d 20h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TObarra, Adamuz, Chera, etc.

SSNC 05 19:34:06.7±1.2, 18°16'N, 76°66'W, h14km, 18km, MD3.0, ML2.3, MW2.8, Presumed earthquake

JSN 05 19:34:07.0±0.4, 18°13'N, 76°66'W, h17km, 2km, MD2.8, Confirmed Earthquake

ISC 05 19:34:05.6±1.5, 18.22N, 01°76.65W, h26km, 16km, n9, r142/17, 1C, Jamaica region

Main table for 5d 20h section, listing station names, coordinates, and seismic data for various stations like STony Hill, MMount Denham, etc.

IDC 05 19:37:09.1±4.0, 14.88S, 175°54W, h0km, mb4.0/3, mbtmp4.0/3, Error ellipse: s-maj=824.1km

Table listing stations for IDC 05 19:37:09.1±4.0, including STKAs Stephens Creek, WRA Warramunga Arr, and ASAR Alice Springs.

IDC 05 19:57:18.0±0.7, 31°30'S, 68°26'W, h104km, 7km, mb3.3/3, mbtmp3.7/6, Error ellipse: s-maj=36.8km

SJA 05 19:57:18.0±0.7, 31°17'S, 68°29'W, h103km, 2km, ML3.6, MW3.8

ISC 05 19:57:18.4±0.7, 31°20'S, 02°68'24W, h0km, 5km, n73, r159/122, 3C-4D, San Juan Province

Main table for IDC 05 19:37:09.1±4.0 section, listing station names, coordinates, and seismic data for stations like Cerro Villicun, Coronel Fontan, etc.

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Main table for 2020 JAN section, listing station names, coordinates, and seismic data for stations like Tololo Observa, Vinchina, San Martin, etc.

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Main table for 288 section, listing station names, coordinates, and seismic data for stations like ZALV Zalesovo Beam, MKAR Makanchi Array, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Cabo Rojo, Magueyes Islan, Punta Cana, Higüey Centro, Miches, Samana, Loma Pena Alta, Loma La Naviza, Presa de Saban, Polo, etc.

IDC 05 22:03:44.0.19.0, 41.73N; 143.06E, h0km, mb4.0/6, mbmp4.0/6, Error ellipse: s-maj=444.6km s-min=74.3km

JMA 05 22:03:56.5.0.2, 42.1N; 1.0:142.5E:0.9, h69km, 2km, MV3.4/38, S OFF URUKAWA

ISC 05 22:03:56.7.1.0, 42.05N; 0.06:142.44E:0.04, h68km, 8km, n30, c0549/29, mb3.9/10D, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Urakawa-nobuka, Erimo, Tokachihiroo, Churui, Furan, WAKE ISLAND, etc.

NEIC 05 22:38:40.9.0.6, 19.40N; 0.02:66.26W:0.04, h10km, 1km, ML3.0/25, M3.6/10(RSPR), Error ellipse: s-maj=7.0km

OSPL 05 22:38:42.1.0.4, 19.39N; 66.31W, h0km, 5km, ML2.6, Presumed earthquake

RSPR 05 22:38:43.2.19.15N; 66.24W, h31km, 19km, M3.6/10, ISC 05 22:38:40.6.2.3, 19.39N; 0.09:66.27W:0.06, h8km, 11km, n39, c027/57, 3C-7D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Esperanza - Ma, Guaynabo City, Guaynabo City, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Aguadilla, San Juan, Magueyes Islan, Cabo Rojo, etc.

IDC 05 22:57:59.2.0.7, 24.35S; 176.52W, h0km, mb4.2/10, mbmp4.2/10, MS3.2/2, Error ellipse: s-maj=30.2km

NEIC 05 22:58:04.3.2.0, 24.4S; 0.1:176.04W:0.09, h35km, 1km, mb4.3/8, Error ellipse: s-maj=21.2km s-min=13.9km

ISC 05 22:58:02.5.0.5, 24.5S; 0.1:176.20W:0.09, h30km, n58, c157/142, mb4.2/12, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Niue, Mont Dzumac, Warramunga Arr, etc.

ISC 05 22:38:40.9.0.6, 19.40N; 0.02:66.26W:0.04, h10km, 1km, ML3.0/25, M3.6/10(RSPR), Error ellipse: s-maj=7.0km

OSPL 05 22:38:42.1.0.4, 19.39N; 66.31W, h0km, 5km, ML2.6, Presumed earthquake

RSPR 05 22:38:43.2.19.15N; 66.24W, h31km, 19km, M3.6/10, ISC 05 22:38:40.6.2.3, 19.39N; 0.09:66.27W:0.06, h8km, 11km, n39, c027/57, 3C-7D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Esperanza - Ma, Guaynabo City, Guaynabo City, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kurk Kurchatov, Kurbb Kurchatov Arra, Arces Arces Array B, etc.

NNC 05 22:58:47.3.4.0, 36.66N; 70.90E, h88km, 75km, mb3.1, mb3.6/6, Error ellipse: s-maj=42.6km s-min=30.6km

ISC 05 22:58:46.6.3.6, 36.66N; 0.02:71.0E:0.2, h100km, n10, c056/12, 3C-1D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Uchtor, Erkin-Say, Karatay Array, etc.

MOS 05 23:12:20.3.1.0, 7.76S; 107.49E, h24km, mb5.3/60, Error ellipse: s-maj=8.9km s-min=4.0km az=119.7

IDC 05 23:12:20.8.4.3, 7.90S; 107.40E, h19km, 26km, mb4.7/32, mbmp4.7/35, ML4.5/3, MS4.0/53, Error ellipse: s-maj=15.6km s-min=10.0km az=69.0

BUI 05 23:12:22.0.8.00S; 107.40E, h40km, mb5.1/11, mb4.7/55, MS4.6/29, MS7.4/328

DJA 05 23:12:24.0.2.8, 2.8S; 2.107.7E, h51km, 50km, M5.0/78, mb5.0/78, MB5.5/25, MLV5.1/27

NEIC 05 23:12:24.7.8.01S; 107.44E, h40km, Moment Tensor Solution. Duration: 1s Moment tensor: Scale 10^19Nm;

NEIC 05 23:12:24.7.8.01S; 107.44E, h40km, Moment Tensor Solution. Duration: 1s Moment tensor: Scale 10^19Nm;

NEIC 05 23:12:24.7.8.01S; 107.44E, h40km, Moment Tensor Solution. Duration: 1s Moment tensor: Scale 10^19Nm;

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NEIC 05 23:12:24.7.8.01S; 107.44E, h40km, Moment Tensor Solution. Duration: 1s Moment tensor: Scale 10^19Nm;

NEIC 05 23:12:24.7.8.01S; 107.44E, h40km, Moment Tensor Solution. Duration: 1s Moment tensor: Scale 10^19Nm;

NEIC 05 23:12:24.7.8.01S; 107.44E, h40km, Moment Tensor Solution. Duration: 1s Moment tensor: Scale 10^19Nm;

NEIC 05 23:12:24.7.8.01S; 107.44E, h40km, Moment Tensor Solution. Duration: 1s Moment tensor: Scale 10^19Nm;

NEIC 05 23:12:24.7.8.01S; 107.44E, h40km, Moment Tensor Solution. Duration: 1s Moment tensor: Scale 10^19Nm;

NEIC 05 23:12:24.7.8.01S; 107.44E, h40km, Moment Tensor Solution. Duration: 1s Moment tensor: Scale 10^19Nm;

NEIC 05 23:12:24.7.8.01S; 107.44E, h40km, Moment Tensor Solution. Duration: 1s Moment tensor: Scale 10^19Nm;

NEIC 05 23:12:24.7.8.01S; 107.44E, h40km, Moment Tensor Solution. Duration: 1s Moment tensor: Scale 10^19Nm;

NEIC 05 23:12:24.7.8.01S; 107.44E, h40km, Moment Tensor Solution. Duration: 1s Moment tensor: Scale 10^19Nm;

NEIC 05 23:12:24.7.8.01S; 107.44E, h40km, Moment Tensor Solution. Duration: 1s Moment tensor: Scale 10^19Nm;

NEIC 05 23:12:24.7.8.01S; 107.44E, h40km, Moment Tensor Solution. Duration: 1s Moment tensor: Scale 10^19Nm;

NEIC 05 23:12:24.7.8.01S; 107.44E, h40km, Moment Tensor Solution. Duration: 1s Moment tensor: Scale 10^19Nm;

NEIC 05 23:12:24.7.8.01S; 107.44E, h40km, Moment Tensor Solution. Duration: 1s Moment tensor: Scale 10^19Nm;

NEIC 05 23:12:24.7.8.01S; 107.44E, h40km, Moment Tensor Solution. Duration: 1s Moment tensor: Scale 10^19Nm;

NEIC 05 23:12:24.7.8.01S; 107.44E, h40km, Moment Tensor Solution. Duration: 1s Moment tensor: Scale 10^19Nm;

NEIC 05 23:12:24.7.8.01S; 107.44E, h40km, Moment Tensor Solution. Duration: 1s Moment tensor: Scale 10^19Nm;

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SHEM Shemya Is, BR104 Keskin Array S, and many others.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like AKBB Malin Array Si, AK11 Malin Array Si, and many others.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like F17K Baldwin Pennin, SPB2 Spitzbergen Ar, and many others.

Station identification and tracking information including coordinates, error ellipses, and station names like IDC 05 23:36:14.2, 2.8, 6:39S; 130:46E, h103km, 35km, mb3.4/2, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SMLA Simla, SMLA SMLA, and many others.

Table with columns: JKA, ENH, XLT, etc. and rows for various locations like Kamikawa-asahi, Enshi, XilinHaoTe, etc. Includes flight numbers, times, and status indicators.

Table with columns: ZEA, Zeya, KMI2, Kunming, etc. and rows for various locations like Zeya, Kunming, Songino Array, etc. Includes flight numbers, times, and status indicators.

Table with columns: IMP, YAK, YAKUTSK, etc. and rows for various locations like Yakutsk, Magadan, Surathani, etc. Includes flight numbers, times, and status indicators.

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Table with multiple columns containing station codes (e.g., ARTI, D22K, P19K), station names (e.g., Ayikyayk River, Oil Pt, Lake Minchumin), and numerical data points (e.g., 58.40, 24, P, P, 00 30 43.8 +0.6).

RIDG	baz=278	Independent Ri	61.94	30	P	P	00 31 07.3	-0.2
RIDG	comp=Z,31nm,1.3s	Independent Ri	62.83	30	I	Amb	00 31 09.4	
RIDG	comp=Z,279,SNR=8.1	Divide	61.94	30	P	P	00 31 07.8	+0.3
DIV	61.95	33	P	P	00 31 08.0	+0.3		
Q23K	61.97	35	P	P	00 31 08.4	+0.8		
HARP	62.03	32	P	P	00 31 09.0	+0.9		
CMSA	62.06	165	P	P	00 31 10.1	+1.6		
EYAK	62.07	34	I	Amb	00 31 08.6	+0.3		
EYAK	62.07	34	P	P	00 31 12.7			
EYAK	62.07	34	P	P	00 31 09.0	+0.7		
OUCN	62.08	142	P	P	00 31 10.3	+1.5		
SCRK	62.28	30	P	P	00 31 09.6	-0.3		
SCRK	62.28	30	I	Amb	00 31 11.1			
SCRK	62.28	30	P	P	00 31 10.1	+0.2		
DOT	62.30	30	P	P	00 31 09.7	-0.2		
DOT	62.30	30	I	Amb	00 31 11.0			
J26L	62.37	29	P	P	00 31 09.8	-0.7		
J26L	62.37	29	I	Amb	00 31 11.2			
J26L	62.37	29	P	P	00 31 10.6	+0.2		
N25K	62.43	32	P	P	00 31 11.6	+0.8		
N25K	62.43	32	I	Amb	00 31 12.8			
N25K	62.43	32	P	P	00 31 12.0	+1.1		
AUJCS	62.49	172	P	P	00 31 12.4	+1.0		
SCRK	62.52	25	P	P	00 31 12.5	+1.2		
E27K	62.52	25	I	Amb	00 31 13.7			
E27K	62.52	25	P	P	00 31 12.6	+1.3		
BMRM	62.54	33	P	P	00 31 12.2	+0.7		
BMRM	62.54	33	P	P	00 31 12.5	+0.9		
KEKH	62.55	79	P	P	00 31 11.4	-0.8		
D27M	62.56	24	I	Amb	00 31 12.2	+0.6		
D27M	62.56	24	P	P	00 31 13.9			
D27M	62.56	24	P	P	00 31 13.0	+1.4		
ARMA	62.57	159	P	P	00 31 11.9	-0.1		
ARMA	62.57	159	I	Amb	00 31 14.2			
ARMA	62.57	159	P	P	00 31 13.8	+1.7		
MENT	62.58	31	P	P	00 31 11.9	+0.1		
RAGM	62.62	34	P	P	00 31 13.0	+0.9		
L26K	62.73	31	I	Amb	00 31 13.5	+0.7		
L26K	62.73	31	P	P	00 31 14.8			
L26K	62.73	31	P	P	00 31 14.0	+1.2		
G27K	62.74	26	P	P	00 31 13.4	+0.6		
G27K	62.74	26	P	P	00 31 14.0	+1.2		
HTT	62.75	172	P	P	00 31 14.4	+1.2		
GLB	62.83	33	P	P	00 31 14.3	+0.8		
KAIM	62.84	34	P	P	00 31 14.3	+0.9		
KAIM	62.84	34	P	P	00 31 14.7	+1.2		
H27K	62.90	27	P	P	00 31 15.3	+1.5		
H27K	62.90	27	I	Amb	00 31 16.5			
H27K	62.90	27	P	P	00 31 15.7	+1.8		
I27K	62.98	28	P	P	00 31 15.6	+1.1		
I27K	62.98	28	P	P	00 31 15.8	+1.4		
M26K	63.02	31	P	P	00 31 15.7	+1.0		
M26K	63.02	31	P	P	00 31 15.8	+1.1		
VRDI	63.04	33	P	P	00 31 15.4	+0.3		
BERG	63.09	34	P	P	00 31 15.8	+0.6		
K27K	63.10	30	P	P	00 31 15.6	+0.5		
K27K	63.10	30	I	Amb	00 31 17.8			
E28M	63.19	24	P	P	00 31 16.8	+1.1		
E28M	63.19	24	I	Amb	00 31 18.0			
E28M	63.19	24	P	P	00 31 17.3	+1.6		
MCARA	63.21	33	P	P	00 31 16.7	+0.7		
MCARA	63.21	33	P	P	00 31 16.9	+1.0		
F28M	63.26	25	P	P	00 31 17.2	+0.9		
F28M	63.26	25	I	Amb	00 31 18.8			
F28M	63.26	25	P	P	00 31 17.5	+1.2		
CRQM	63.29	33	P	P	00 31 17.2	+0.5		
BELG	63.30	317	P	P	00 31 15.9	-0.7		
BELG	63.30	317	I	Amb	01 00 45.0			
BELG	63.30	317	I	Amb	01 00 45.0			
BELG	63.30	317	I	Amb	01 00 45.0			
BELG	63.30	317	I	Amb	01 00 45.0			
CRQE	63.31	33	P	P	00 31 17.5	+0.7		
D28M	63.32	23	P	P	00 31 17.8	+1.3		
L27K	63.41	31	P	P	00 31 18.4	+1.1		
L27K	63.41	31	I	Amb	00 31 19.6			
L27K	63.41	31	P	P	00 31 18.6	+1.3		
BCAR	63.42	31	P	P	00 31 18.1	+0.7		
TGL	63.44	33	P	P	00 31 18.5	+0.9		
WAX	63.49	34	P	P	00 31 18.9	+0.3		
M27K	63.53	31	P	P	00 31 18.7	+0.4		
M27K	63.53	31	P	P	00 31 19.2	+0.9		
SNH	63.56	34	P	P	00 31 18.6	+0.2		
I28M	63.70	28	P	P	00 31 19.9	+0.5		
I28M	63.70	28	I	Amb	00 31 21.7			
I28M	63.70	28	P	P	00 31 20.7	+1.4		
ISLE	63.71	33	P	P	00 31 19.4	0.0		
ISLE	63.71	33	I	Amb	00 31 20.8			
E29M	63.82	24	P	P	00 31 20.6	+0.7		
E29M	63.82	24	P	P	00 31 21.3	+1.4		
BARN	63.93	33	P	P	00 31 20.7	-0.3		
BARN	63.93	33	I	Amb	00 31 22.7			
GRNC	63.96	33	P	P	00 31 21.8	+0.6		
GRNC	63.96	33	I	Amb	00 31 31.1			
BVCY	63.98	31	P	P	00 31 22.5	+1.5		
MESA	63.99	34	P	P	00 31 22.4	+1.0		
CTG	64.10	33	P	P	00 31 22.9	+0.9		
CTGM	64.10	33	P	P	00 31 22.7	+0.7		
CTGM	64.10	33	I	Amb	00 31 23.9			
G29M	64.12	26	P	P	00 31 23.3	+1.4		
G29M	64.12	26	I	Amb	00 31 24.5			
G29M	64.12	26	P	P	00 31 23.1	+1.2		
H29M	64.15	27	P	P	00 31 22.7	+0.6		
H29M	64.15	27	I	Amb	00 31 24.4			
H29M	64.15	27	P	P	00 31 23.4	+1.3		
KIP	64.22	79	eP	pmax	00 31 26.2	+3.0		
KIP	64.22	79	eP	pmax	00 31 26.2	+3.0		
DAWY	64.24	29	P	P	00 31 23.3	+0.6		
DAWY	64.24	29	P	P	00 31 23.7	+0.9		

YUK3	Moose Creek	64.32	32	P	P	00 31 24.4	+0.9	
I29M	Ogilvie Camp,	64.38	28	P	P	00 31 24.1	+0.5	
I29M	64.38	28	I	Amb	00 31 26.2			
I29M	64.38	28	P	P	00 31 24.8	+1.1		
J29N	Klondike Camp	64.64	29	P	P	00 31 25.7	+0.2	
J29N	64.64	29	I	Amb	00 31 27.8			
J29N	64.64	29	P	P	00 31 26.9	+1.5		
O28M	Mount Upton	64.69	33	P	P	00 31 27.0	+0.9	
O28M	64.69	33	P	P	00 31 27.2	+1.2		
EPYK	Eagle Plains	64.76	26	P	P	00 31 26.3	+0.2	
EPYK	64.76	26	I	Amb	00 31 27.8			
EPYK	64.76	26	P	P	00 31 27.0	+0.9		
EPYK	64.76	26	P	P	00 31 27.2	+1.2		
YUK8	Steele Glacier	64.76	32	P	P	00 31 27.7	+1.2	
F30M	Barrier River	64.79	25	P	P	00 31 26.6	+0.4	
F30M	64.79	25	I	Amb	00 31 28.4			
F30M	64.79	25	P	P	00 31 27.7	+1.5		
PCA	Pinnacle	64.83	34	P	P	00 31 27.2	+0.5	
PINM	64.84	34	P	P	00 31 27.7	+1.0		
L29M	L29M	65.03	30	P	P	00 31 29.1	+1.1	
L29M	65.03	30	P	P	00 31 29.2	+1.6		
M29M	Somme Creek	65.06	31	P	P	00 31 29.2	+1.0	
M29M	65.06	31	I	Amb	00 31 30.9			
M29M	65.06	31	P	P	00 31 29.9	+1.7		
K29M	Barlow Dome	65.10	29	P	P	00 31 29.4	+0.9	
K29M	65.10	29	I	Amb	00 31 31.4			
K29M	65.10	29	P	P	00 31 29.6	+1.1		
BCPM	Bancas Point	65.17	34	P	P	00 31 29.8	+1.0	
I30M	Mount Dempster	65.20	28	P	P	00 31 29.6	+0.5	
I30M	65.20	28	I	Amb	00 31 31.1			
I30M	65.20	28	P	P	00 31 29.8	+0.7		
YUK4	Talbot Arm	65.27	32	P	P	00 31 31.0	+1.4	
J30M	Hart River	65.40	28	P	P	00 31 31.2	+0.8	
J30M	65.40	28	P	P	00 31 31.5	+1.1		
INK	Inuvik	65.41	24	LR	LR	01 01 37.9		
INK	65.41	24	P	P	00 31 30.7	+0.5		
INK	65.41	24	P	P	00 31 30.7	+0.5		
INK	65.41	24	P	P	00 31 30.8	+0.6		
MSVF	Nonsavu	65.41	129	P	P	00 31 32.0	+1.0	
MSVF	65.41	129	P	P	00 31 31.6	+0.6		
MSVF	65.41	129	eP	pmax	00 31 33.5	+2.5		
KLMR	Klimovskoe	65.47	327	eP	pmax	00 31 28.1	-2.6	
KLMR	65.47	327	eP	pmax	00 31 28.1	-2.6		
KLMR	65.47	327	eP	pmax	00 31 28.1	-2.6		
KLMR	65.47	327	eP	pmax	00 31 28.1	-2.6		
ASHO	Ashiyah	65.51	286	P	P	00 31 32.0	+0.4	
YUK6	Outpost Mounta	65.51	32	P	P	00 31 32.6	+1.3	
G31M	Satah River	65.54	26	P	P	00 31 31.6	+0.5	
G31M	65.54	26	P	P	00 31 31.6	+0.5		
O29M	Mount Kennedy	65.59	33	P	P	00 31 32.2	+0.5	
O29M	65.59	33	I	Amb	00 31 34.3			
O29M	65.59	33	P	P	00 31 33.1	+1.4		
F31M	Tsiigetchic	65.59	25	P	P	00 31 31.4	0.0	
F31M	65.59	25	P	P	00 31 32.0	+0.6		
NAZ	Nazwa, Dubai	65.73	286	P	P	00 31 34.6	+1.6	
M30M	Minto, Yukon	65.77	30	P	P	00 31 33.1	+0.4	
M30M	65.77	30	I	Amb	00 31 35.2			
M30M	65.77	30	P	P	00 31 33.8	+1.2		
H31M	Peel River	65.85	27	P	P	00 31 33.6	+0.5	
H31M	65.85	27	I	Amb	00 31 34.8			
H31M	65.85	27	P	P	00 31 33.8	+0.7		
MAYO	Mayo, Yukon	65.86	29	P	P	00 31 33.9	+0.6	
MAYO	65.86	29	I	Amb	00 32 17.1			
MAYO	65.86	29	P	P	00 31 34.5	+1.2		
HYT	Haines Junctio	65.95	32	P	P	00 31 34.5	+0.5	
HYT	65.95	32	P	P	00 31 35.2	+1.2		
N30M	Aishkik Lake	65.95	32	P	P	00 31 34.8	+0.8	
N30M	65.95	32	I	Amb	00 31 36.3			
N30M	65.95	32	P	P	00 31 35.3	+1.4		
MAK	Makhachkala	65.96	307	eP	pmax	00 31 28.7	-5.5	
MAK	65.96	307	eP	pmax	00 33 55.0			
MAK	65.96	307	eP	pmax	00 35 30.0			
MAK	65.96	307	eP	pmax	00 40 12.9	-8.1		
MAK	65.96	307	eP	pmax	00			

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like CKRC, CLZ, PLN, BORG, JETJE, GDXM, BMO, KHC, KASPERSKY, MOX, GERES, ARSA, MNRC, J08A, SFJD, MANZ, GTTG, ROTZ, WET, ORV, MOA, WWOR, MSO, UBBA, SOKA, IBBN, GRA1, GRF, BIOA, BEKA, FFC, KASTN, LYMT, MHC, MYKA, LESA, PAHR, MFUD, TNS, PNTR, CMB, ABTA, LRM, EGMT, WATA, WTTA, FRB, STAL, DLMT, BBGB, SQT, STU, RETA, MCMT, BOZ, FETA, RYN, CTI, PKD, EKA.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like MDPB, LHV, NVAR, DAVA, NV11, QLMT, WLF, WLF, FUORN, UCC, FURI, TEOL, DAVOX, YHL, YHB, BMRD, ELK, YHH, YMR, YNR, TUE, DSP, TIN, YPP, LKWW, H17A, YMP, RLMT, CWC, GMM, HVU, PRMA, SNOW, DGMT, LAO, BGT, WCT, FURC, S11A, LRM, WSHM, TPNV, HWUT, CCCC, DUG, DUG, QSM, PDAR, PDAR, CTU, PRN, SUT, SHOC, GSC, GSC, PPT, PPT, SHPR, MPU, BSUT, MTPC, TCRU, CCUT, V12A, ULM, ULM.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like DNR, RDMU, PFO, P17A, PMD, PV23, MDND, P18A, K22A, SRU, SRU, RSSD, BC3, W13A, U15A, H8U, Q20A, BLYC, ESJX, HAYD, GLA, GLA, PV21, PV22, PV20, PV04, PV19, PV17, PV16, PV11, PV05, PV18, PV07, PV03, PV13, PV02, PV15, Y14A, W14A, PV01, PV01, KIBK, T13A, TAOE, TAOE, SFX, SFX, X16A, MIVCO, F33A, F33A, PIX, PIX, 214A, 214A, X16A, SCHO, TUC, TUC, DUNE, ESDC, ESDC, TXAR, TXAR, RKT, TORD, TORD, BOSA, GSPA, DBIC, NVL, NVL, NVL, NVL, NVL, SDV, ROSC, BOAV, LPAZ.

Table with columns: MDJ, Mudanjiang, 15.50 357, P S, P Sn, 00 57 12.1 -2.5, 01 00 04.3 +2.5, ...

Table with columns: GYA, comp=Z,1.1um,23.7s, QIZ Qiongzhong, 21.39 247, P S, 00 58 19.4 -0.1, ...

Table with columns: JAY, comp=Z,3.0nm,0.8s, Jayapura, 32.91 161, LR, 01 12 13.3, ...

2020 JAN

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MAK, APA, AKT, CAN, P30M, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SOC, WRGLY, FINES, GURO, RES, TOAD, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KMPD, NB2, NOA, SUMC, STNU, etc.

6d 1h

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COLD	Coldfoot	1.42	10	Pn	Pb	01 20 47.6	-0.4
NEA2	Nenana	1.45	149	Pn	Pn	01 20 47.4	-0.2
NEA2	comp=N,459nm,0.4s					01 21 08.8	
NEA2	Nenana	1.45	149	P	Pn	01 20 47.7	+0.1
COLA	College	1.57	127	Pn	Pn	01 20 48.9	-0.4
POKR	Poker Plat Res	1.58	116	Pn	Pn	01 20 49.3	-0.2
POKR	Poker Plat Res	1.58	116	P	Pn	01 20 49.3	-0.2
G24K	Hadweenczi Riv	1.60	56	Pn	Pn	01 20 49.6	-0.2
G24K	comp=E,305nm,0.4s					01 21 16.5	
G24K	comp=N,296nm,0.6s					01 21 17.0	
H20K	Antoleneaga Mo	1.72	260	Pn	Pn	01 20 51.2	-0.2
CCB	Antoleneaga Mo	1.72	260	P	Pn	01 20 51.3	-0.2
H20K	Clear Creek Bv	1.74	132	Pn	Pn	01 20 51.2	-0.3
CCB	comp=N,407nm,0.6s					01 21 17.0	
BPAW	Bear Paw Mtn.	1.74	183	P	Pn	01 20 51.8	+0.1
F21K	Alatna River	1.76	324	Pn	Pn	01 20 52.2	+0.3
F21K	comp=E,262nm,0.6s					01 21 17.0	
F21K	Alatna River	1.76	324	P	Pn	01 20 52.7	+0.8
WRH	Wood River Hill	1.79	139	Pn	Pn	01 20 51.9	-0.4
WRH	comp=N,250nm,0.6s					01 21 19.4	
I20K	Naaghedeneel	1.86	238	Pn	Pn	01 20 52.9	-0.3
I20K	Naaghedeneel	1.86	238	P	Pn	01 20 53.0	-0.3
IL31	Squaw Lake	1.96	121	Pn	Pn	01 20 54.4	-0.2
F24K	comp=N,238nm,0.4s					01 21 28.9	
F24K	Squaw Lake	2.05	33	P	Pn	01 20 56.4	+0.4
G25K	Bearman Lake	2.12	62	Pn	Pn	01 20 56.7	-0.1
G25K	Bearman Lake	2.12	62	P	Pn	01 20 56.7	-0.1
HDA	Harding Lake	2.17	130	P	Pn	01 20 57.3	-0.3
HDA	Harding Lake	2.17	130	P	Pn	01 20 57.6	0.0
J20K	Nowinta River	2.19	222	Pn	Pn	01 20 57.5	-0.3
J20K	comp=E,260nm,0.6s					01 21 31.4	
J20K	Nowinta River	2.19	222	P	Pn	01 20 57.8	0.0
PRP	Porcupine Dome	2.21	96	Pn	Pn	01 20 57.6	-0.6
PRP	comp=N,272nm,0.7s					01 21 33.9	
PRP	Porcupine Dome	2.21	96	P	Pn	01 20 57.8	-0.4
MCK	McKinley	2.26	158	Pn	Pn	01 20 58.8	+0.1
MCK	McKinley	2.26	158	P	Pn	01 20 59.3	+0.6
E23K	Chandalar	2.28	11	Pn	Pn	01 21 00.1	+0.9
KTH	Kantishna Hill	2.29	181	Pn	Pn	01 20 59.2	0.0
F20K	Avarakt Lake	2.32	304	P	Pn	01 21 00.4	+0.8
H19K	Roundabout Mou	2.36	265	Pn	Pn	01 20 59.6	-0.5
H19K	comp=E,212nm,0.8s					01 21 42.6	
H19K	comp=N,221nm,0.5s					01 21 42.6	
H19K	Roundabout Mou	2.36	265	P	Pn	01 20 59.8	-0.3
FYU	Fort Yukon	2.38	69	Pn	Pn	01 21 00.2	-0.1
FYU	comp=N,173nm,0.4s					01 21 40.8	
FYU	Fort Yukon	2.38	69	P	Pn	01 21 45.8	
TRF	Thorofore Moun	2.41	174	Pn	Pn	01 21 01.2	+0.3
TRF	Thorofore Moun	2.41	174	P	Pn	01 21 01.3	+0.4
RND	Reindeer	2.58	160	Pn	Pn	01 21 03.9	+0.7
G19K	Purcell Moun	2.59	280	Pn	Pn	01 21 03.2	-0.1
G19K	Purcell Moun	2.59	280	P	Pn	01 21 03.0	-0.3
J25K	Salcha River	2.60	116	Pn	Pn	01 21 03.7	+0.2
J25K	comp=E,203nm,0.4s					01 21 43.7	
J25K	Salcha River	2.60	116	P	Pn	01 21 03.7	+0.2
F25K	Christian River	2.71	47	P	Pn	01 21 05.0	0.0
J19K	Poorman	2.76	230	Pn	Pn	01 21 05.0	-0.6
J19K	comp=N,125nm,0.5s					01 21 49.4	
J19K	Poorman	2.76	230	P	Pn	01 21 05.0	-0.6
K20K	Telida	2.86	211	Pn	Pn	01 21 06.6	-0.4
K20K	comp=N,122nm,1.0s					01 21 52.8	
K20K	Telida	2.86	211	P	Pn	01 21 07.0	0.0
TOLK	Toolik Lake Re	2.86	9	Pn	Pn	01 21 08.3	+1.3
TOLK	comp=N,89nm,1.0s					01 21 59.4	
TOLK	Toolik Lake Re	2.86	9	P	Pn	01 21 09.2	+2.1
E21K	Kilik River	2.90	336	P	Pn	01 21 08.9	+1.4
K24K	Donnelly Dome	2.96	131	Pn	Pn	01 21 08.4	0.0
K24K	Donnelly Dome	2.96	131	P	Pn	01 21 08.4	0.0
BM01	Burnt Mountain	2.98	54	Pn	Pn	01 21 08.5	-0.2
F19K	Shalerukik Mo	2.98	293	P	Pn	01 21 10.1	+1.4
PPLA	Purkeypile	3.01	192	Pn	Pn	01 21 09.1	-0.2
PPLA	comp=E,99nm,0.6s					01 21 56.2	
PPLA	Purkeypile	3.01	192	P	Pn	01 21 09.5	+0.3
G26K	Porcupine Rive	3.04	65	Pn	Pn	01 21 09.2	-0.2
G26K	comp=E,134nm,0.9s					01 21 59.2	
G26K	Porcupine Rive	3.04	65	P	Pn	01 21 09.4	
E25K	Arctic Village	3.08	40	Pn	Pn	01 21 10.2	+0.1
WAT1	Susitna Wataana	3.13	163	Pn	Pn	01 21 11.9	+0.8
D23K	Nanushuk River	3.15	1	Pn	Pn	01 21 12.9	+2.0
D23K	comp=N,53nm,0.7s					01 22 12.7	
WAT1	Susitna Wataana	3.17	161	Pn	Pn	01 21 11.8	+0.5
F26K	Sheenjek River	3.23	52	Pn	Pn	01 21 11.1	+0.5
F26K	comp=E,74nm,0.6s					01 22 12.0	
RIDG	Independent Rv	3.31	127	Pn	Pn	01 21 12.7	-0.5
RIDG	comp=N,66nm,0.6s					01 22 08.0	
RIDG	Independent Rv	3.31	127	P	Pn	01 21 13.3	-0.4
J26L	Joseph Creek	3.34	110	Pn	Pn	01 21 13.3	-0.4
J26L	comp=E,97nm,0.4s					01 22 05.7	
SCRK	Chulitna	3.45	176	Pn	Pn	01 21 16.2	+1.1
CUTK	Sand Creek	3.45	120	Pn	Pn	01 21 15.1	-0.2
SCRK	comp=N,53nm,0.7s					01 22 12.7	
SCRK	Chulitna	3.45	176	P	Pn	01 21 15.2	
J18K	Innoko River	3.48	230	Pn	Pn	01 21 15.4	-0.2
J18K	comp=E,55nm,0.7s					01 22 13.5	
DOT	Dot Lake	3.63	124	Pn	Pn	01 21 17.0	-0.6
DOT	comp=N,50nm,0.4s					01 22 17.7	
DOT	Dot Lake	3.63	124	P	Pn	01 21 17.0	-0.6
PAX	Paxson	3.69	139	Pn	Pn	01 21 19.4	+0.9
I27K	Kandik River	3.80	89	Pn	Pn	01 21 18.9	-1.2
H27K	Steamboat Moun	3.81	80	Pn	Pn	01 21 19.9	-0.2
H27K	comp=N,50nm,0.4s					01 22 33.0	

H27K	comp=N,56nm,0.9s					01 21 33.8	
SKT	Skwentna	3.88	185	Pn	Pn	01 21 21.4	+0.3
SKT	comp=E,44nm,0.8s					01 22 24.5	
SKT	Skwentna	3.88	185	P	Pn	01 21 22.4	+0.3
H17K	comp=N,59nm,0.7s					01 22 26.2	
SHT	comp=N,44nm,0.5s					01 21 22.1	+0.6
H17K	Granite Moun	3.92	261	Pn	Pn	01 21 22.1	+0.6
H17K	comp=N,50nm,0.9s					01 22 30.7	
H17K	comp=E,38nm,0.9s					01 22 36.2	
C23K	Kilik River	4.02	1	Pn	Pn	01 21 24.3	+1.4
L19K	White Mountain	4.08	208	Pn	Pn	01 21 23.7	-0.1
L19K	comp=N,46nm,1.0s					01 22 40.0	
G17K	Kiwalik Moun	4.09	270	Pn	Pn	01 21 24.0	+0.2
M22K	Willow	4.11	175	Pn	Pn	01 21 24.2	+0.1
K27K	Chicken	4.13	112	Pn	Pn	01 21 24.5	0.0
K27K	comp=N,37nm,1.0s					01 22 40.3	
GHO	comp=E,48nm,1.2s					01 21 25.7	+0.7
GHO	Glorie Hole Cre	4.16	168	Pn	Pn	01 21 25.7	+0.7
GHO	comp=N,36nm,0.8s					01 22 36.1	
SML	Sawmill	4.19	164	Pn	Pn	01 21 26.5	+1.2
HARP	HAARP	4.25	142	Pn	Pn	01 21 27.1	+1.0
M24K	Tolsona, Glenn	4.26	149	Pn	Pn	01 21 28.5	+2.2
M24K	comp=N,37nm,1.0s					01 22 42.0	
M24K	comp=N,37nm,1.0s					01 22 47.9	
F17K	Baldwin Pennin	4.29	283	Pn	Pn	01 21 27.1	+0.5
F17K	comp=E,44nm,1.0s					01 22 43.2	
L26K	Log Cabin Vill	4.29	128	Pn	Pn	01 21 26.9	+0.3
J17K	VABM Dome	4.32	239	Pn	Pn	01 21 27.3	+0.2
J17K	comp=E,47nm,0.9s					01 22 45.9	
J17K	comp=N,43nm,0.8s					01 22 48.7	
PMR	Palmer	4.32	169	Pn	Pn	01 21 28.8	+1.7
SUA	Susitna One	4.39	180	Pn	Pn	01 21 28.7	+0.6
SUA	comp=N,42nm,0.8s					01 22 39.1	
SUA	comp=N,42nm,0.8s					01 22 43.8	
L18K	comp=E,31nm,1.1s					01 21 28.6	-0.3
L18K	Granite Moun	4.46	218	Pn	Pn	01 21 28.6	-0.3
L18K	comp=N,47nm,0.5s					01 22 46.7	
I28M	comp=E,36nm,0.8s					01 21 29.3	-0.6
I28M	Miner Creek	4.52	90	Pn	Pn	01 21 29.3	-0.6
I28M	comp=E,42nm,0.5s					01 22 24.1	
I28M	comp=E,42nm,0.5s					01 23 02.2	
K17K	comp=N,26nm,0.7s					01 21 29.7	-0.1
K17K	Iditarod	4.52	230	Pn	Pn	01 21 29.7	-0.1
K17K	comp=N,38nm,1.4s					01 22 51.9	
K17K	comp=E,41nm,1.1s					01 21 32.0	+1.6
KNK	Knik Glacier	4.56	166	Pn	Pn	01 21 32.0	+1.6
KNK	comp=N,24nm,0.4s					01 22 45.5	
SPNN	North Nagishia	4.56	192	Pn	Pn	01 21 31.5	+0.9
E17K	Hotham Inlet	4.59	291	Pn	Pn	01 21 31.4	+0.7
H17K	Unalakleet	4.65	250	Pn	Pn	01 21 30.9	0.0
H17K	comp=N,26nm,1.3s					01 21 31.6	-0.5
F28M	Old Crow	4.69	63	Pn	Pn	01 21 31.6	-0.5
F28M	comp=N,28nm,1.0s						

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AOPR, CTI, ECH, ECH, ECH, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WET, KASTN, GEC2, GEC2, GEC2, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AC02, PVCC, PVCC, PVCC, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and various signal quality metrics. Includes stations like KK31 Karatay Array, KKAR Karatay Array, BORK Borovoye, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and various signal quality metrics. Includes stations like LPIG La Paz, KURBB Kurchatov, YKA Yellowknife Ar, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and various signal quality metrics. Includes stations like H24K Noodor Dome, L26K Log Cabin Wild, RIDG Independent R, etc.

Table of station data for the left column, including call signs like ESQI, SABS, SARH, etc., and their associated frequencies and parameters.

Table of station data for the middle column, including call signs like G31M, ILAR, INTI, etc., and their associated frequencies and parameters.

Table of station data for the right column, including call signs like BRTR, KEST, AKASG, etc., and their associated frequencies and parameters.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PACA, BLM, UESV, etc.

TIR 06 04:06:57.9, 40.07N, 20.53E, h38km, 1km, M2, 5/6
ATH 06 04:06:57.2, 40.17N, 20.35E, h14km, 1km, M2, 6/8
Manual Solution by N.Liadopoulos First location:
2020/01/06 04:08:10, This location: 2020/07/06 05:28:56
ML Amplitudes are expressed in micrometers, All
distances are expressed in degrees Latitude uncertainty: 1
km; Longitude uncertainty: 1 km
THE 06 04:06:58.2, 40.1N, 0.8, 20.4E: 1.0, h11km, 1km, M2, 6/13,
MLh2, 6/13

ISC 06 04:06:57.7, 1.0, 40.11N, 0.02, 20.43E, 0.02, h10km, gkm,
m59, -0857/84, 3C-2D, Greece-Albana border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PENT, JAN, NEST, etc.

IDC 06 03:59:47.5, 1.6, 3.58S, 140.60E, h0km, mb3.7/2,
sbmtmp3.9/4, ML4.0/2, Error ellipse: s-maj=50.1km

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

SNET 06 04:03:53.9, 2.3, 13.07N, 88.74W, h64km, ML3.4,
Presumed earthquake

CATAC 06 04:03:54.6, 0.3, 13.13N, 88.9W, h21km, 2km, M3.5/21,
MLV3.5/21, Error ellipse: s-maj=5.4km s-min=2.3km

ISC 06 04:03:53.8, 1.1, 13.10N, 0.04, 88.63W, 0.02, h16km, gkm,
h45, -0590/69, El Salvador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TECA, TECO, RANC, etc.

GUC 06 04:07:47.9, 0.9, 31.16S, 71.44W, h59km, 3km, ML3.7
SJA 06 04:07:47.1, 0.9, 31.13S, 71.68W, h36km, 4km, ML3.6,
MW3.7

ISC 06 04:07:49.8, 5.7, 31.16S, 0.03, 71.61W, 0.05, h36km, 7km,
h46, -1195/64, 5D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CO06, CO02, CO03, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VA01, VA01, ROCH, etc.

IDC 06 04:35:13.1, 1.5, 15.43N, 94.62W, h0km, mb4.0/7,
sbmtmp3.8/10, ML3.2/3, MS2.9/3, Error ellipse:
s-maj=32.7km s-min=12.5km az=58.0

CATAC 06 04:35:17.0, 0.4, 16.7N, 94.9W, h26km, 17km, M4.6/8,
mb5.0/1, mb5.0/1, MLV4.4/8, MW(mB)4.3/1, Error ellipse:
s-maj=10.0km s-min=4.5km az=26.3, confirmed

GCG 06 04:35:17.1, 1.6, 15.31N, 94.64W, h37km, 999km, MD4.6,
ML4.6, Presumed earthquake

MEX 06 04:35:18.0, 0.6, 15.29N, 94.71W, h16km, 7km, MD4.3
ISC 06 04:35:17.2, 0.7, 15.31N, 0.05, 94.72W, 0.03, h35km, n7B,
az=296/131, mb4.0/7, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HUIG, PCIG, PANG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMUV, STG2, STG5, PNIG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PBO8, IPOC Station P, AF01, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARSB, Arslanbob, UCH, etc.

DC 06 04:38:49.7.2.0.21:55S:67.96W, h102km, 19km, mb3.8/2, mbmp3.97, MS3.2/1, Error ellipse: s-maj=37.2km s-min=15.9km az=69.0

KRNET 06 05:07:58.4.0.1.42:14N:73.34E, h24km, mb2.0 NNC 06 05:07:58.1.7.42:11N:73.39E, h0km, mb3.4, mpv2.7, Error ellipse: s-maj=15.2km s-min=6.5km az=173.0

TEH 06 05:09:44.7.37:28N:44.81E, h10km, 289km, ML2.6, Presumed earthquake ISN 06 05:09:47.9.2.37:14N:44.80E, h22km, 20km, ML2.7

6ZD

Table with columns: Station, Time, Frequency, Power, and other technical details. Includes stations like Lanzhou Array, Lanzhou, ZEAK, etc.

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Table with columns: Station, Time, Frequency, Power, and other technical details. Includes stations like ZEA, HEH, DL2, etc.

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Table with columns: Station, Time, Frequency, Power, and other technical details. Includes stations like E17K, E21K, E21K, etc.

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like G29M Pine Creek, BLKN Baker Lake, G31M Satah River, etc.

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like M20K Styx River, PAX Paxson, PAX Paxson, etc.

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Q23K Middleton Isla, PINM Pinnacle, R17L Mt. Peulik Vol, etc.

ASRS 06 06:30:15.0±2.2, 6.57S:129.51E, h0km, mb3.9/1, mbtmp3.8/3, ML3.9/2, Error ellipse: s-maj=125.1km s-min=32.0km az=68.0, Banda Sea
Code Station Name Δ° AZZ° Phase ID Time Res h m s ISC

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like GULI, QIZ, LYN, JNU, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like GUMO, SHL, BRDH, ULN, etc.

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

ML3.1/6, ML2.8(AEIC), Error ellipse: s-maj=41.9km, s-min=10.8km az=145.0, Rat IDs

ADC 06 07:18:27.0:2.3,53.11N:171.82W, h0km, mb3.5/3, mbtmp3.5/5, ML3.2/2, Error ellipse: s-maj=56.6km, s-min=32.3km az=11.0

NEIC 06 07:18:55.0:1.1,53.4N:0.4:169.5W:0.3, h183km:17km, mb3.5/5, ML3.1/6, ML2.9(AEIC), Error ellipse: s-maj=57.0km s-min=2.2km az=157.0

AEIC 06 07:18:56.0:0.9,53.3N:0.2:169.5W:0.2, h181km:8km, Error ellipse: s-maj=32.6km s-min=8.1km az=157.0

ISC 06 07:18:55.0:0.9,53.6N:0.2:169.67W:0.07, h169km:10km, n32, c090/35, mb3.3/3, Fox Islands

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

ASRS 06 07:20:05.0:1.1, 49.67N:81.65E, h0km, M2.5(MOS), The earthquakes of Russia in 2020, Obrninsk, GS RAS, 2022

ADC 06 07:20:12.4:1.1, 49.75N:81.60E, h0km, mbtmp2.5/2, ML2.2/2, Error ellipse: s-maj=19.7km s-min=8.3km az=61.0

NMC 06 07:20:13.9:1.3, 49.36N:81.12E, h0km, mb2.9, mpv2.9, Error ellipse: s-maj=30.6km s-min=7.2km az=58.0

ISC 06 07:20:12.4:1.1, 49.75N:0.06:81.69E:0.08, h0km, n10, c092/12, 4C-2D, Eastern Kazakhstan

AEIC 06 07:53:8.1:4.50N:0.5:175.9E:0.3, h6km:9km, Error ellipse: s-maj=69.4km s-min=17.7km az=164.0

NEIC 06 06:57:54.4:1.2, 50.7N:0.2:175.8E:0.2, h10km:2km, Error ellipse: s-maj=30.6km s-min=7.2km az=58.0

6d 7h

2020 JAN

Table with 4 columns: KAPS, Kapalarasan, 4.74 200 Pg, Pg, 07 21 43.4 +0.3

ASRS 06:07:25:10.0:1.5, 49.68N:81.62E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. IDC 06:07:25:16.6:2.0, 49.64N:82.07E, h0km, mbtmp2.6, ML2.1/2, Error ellipse: s-maj=45.1km s-min=14.1km az=93.0

NMC 06:07:25:17.0:2.0, 49.44N:81.25E, h0km, mb3.2, mpv3.0, Error ellipse: s-maj=38.0km s-min=10.7km az=56.0, Suspected Mining explosion.

ISC 06:07:25:14.6:1.0, 49.54N:0.07:81.66E:0.07, h0km, n9, c111/11, 1C-5D, Eastern Kazakhstan

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Rows include SEM Semipalatinsk, KURK Kurchatov, MAK2 Makanchi, etc.

GCMT 06:07:25:33.5:0.2, 5.17N:0.01:125.32E:0.02, h47km, MW5.1/112, Moment Tensor Solution. s56, c77; s112, c162; Duration: 0 Moment tensor: Scale 10^16Nm; Mw=2.49; Ms=2.41; 10; Mw=0.07; 12; Mw=0.18; 17; Mw=2.45; 08; Mw=4.39; 26. Best double couple: Ms=5.3900; 1016; NP1=87.0000; 334.0000; Ms=1.53.0000; NP2=200.0000; 875.0000; 159.0000; Principal axes: T 6.0010, Plg50.0000, Azm75.0000; N -0.9220, Plg30.0000, Azm209.0000; P -5.0760, Plg24.0000, Azm314.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

MOS 06:07:25:33.3:0.9, 5.24N:125.35E, h47km, mb5.1/48, MS4.7/5 Error ellipse: s-maj=8.8km s-min=4.6km az=112.1

IDC 06:07:25:34.9:0.5, 5.10N:125.28E, h50km, 3km, mb4.6/35, mbtmp4.8/37, MS4.2/4, Error ellipse: s-maj=13.3km s-min=6.5km az=85.0

NEIC 06:07:25:34.7:2.2, 5.23N:0.04:125.36E:0.08, h32km, 3km, mb5.2/179, Mw4.9/11, Error ellipse: s-maj=11.2km s-min=5.1km az=100.0

NEIC 06:07:25:35.7:5.23N:125.36E, h36km, Moment Tensor Solution. Duration: 15 Moment tensor: Scale 10^16Nm; Mw=1.72; Fault plane solution: M3.220000; 116. NP1: 6.58.67000; 826.61000; 115.93000; NP2: 6.210.13000; 866.25000; 177.64000; Principal axes: T 2.5541, Plg66.0000, Azm58.0000; N 1.0625, Plg11.0000; Azm215.0000; P -3.6165, Plg20.0000; Azm309.0000

DJA 06:07:25:36.7:0.2, 5.2N:12.6E, h55km, 3km, Ms/6.65, mb5.5/30, mb5.1/65, MLV5.0/3, Mw5.2/23, Mw(Mb)4.9/30, Mw(Mwp)4.7/5, Mw(Mp)5.1/5

ISC 06:07:25:35.6:0.3, 5.16N:0.03:125.45E:0.04, h52km, 2km, h52km: p-P, n824, c1938/828, mb5.1/204, MS4.3/90, 14C-3D, Mindanao

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Rows include SGSI Sangihe, DAV Davao City, etc.

Main table with 10 columns: RKPI, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Rows include KAPI Kappang, KAPI Kappang, KAPI Kappang, etc.

Main table with 10 columns: Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Rows include WRAB, WRA Warranggana Arr, WRA Warranggana Arr, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like CTAO Charters Tower, XAN Xi'an, MAJO Matushiro, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like CN2, NWAO Narrogin (SRO), BBOO Buckleboo, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like HEH HeiHe, SONM Songino Array, BRAT AUMTCS, etc.

PPLA	Purkeypile	81.95	27	I	Amb	I	07 38 03.5
PPLA	Purkeypile	81.95	27	P	P	P	07 37 50.2 +0.3
CHUM	Lake Minchumin	81.97	26	P	P	P	07 37 50.4 +0.7
VRH	Novokhoporsky	82.07	321	eP	pmax	pmax	07 37 54.4 +3.9
B22K	Teshkpuuk Lake	82.18	20	P	P	P	07 37 51.6 +0.9
SKT	Skwentna	82.19	28	I	Amb	I	07 38 01.7
SKT	Skwentna	82.19	28	P	P	P	07 37 51.4 +0.4
D22K	Aiyikay River	82.28	21	P	P	P	07 37 52.1 +0.8
CAPN	Captain Cook N	82.29	29	P	P	P	07 37 52.0 +0.5
BRSE	Bradley Lake S	82.44	31	P	P	P	07 37 52.5 +0.2
H22K	Ishlaltina Cre	82.52	24	I	Amb	I	07 38 12.3
H22K	Ishlaltina Cre	82.52	24	P	P	P	07 37 53.3 +0.7
E22K	Anaktuvuk Pass	82.53	22	P	P	P	07 37 53.3 +0.7
SUA	Susitna One	82.53	29	I	Amb	I	07 38 04.0
SUA	Susitna One	82.53	29	P	P	P	07 37 52.9 0.0
G24K	Bettle	82.55	23	P	P	P	07 37 53.4 +0.8
KTH	Kantishna Hill	82.56	27	I	Amb	I	07 38 02.0
BPAW	Bear Paw Mtn	82.57	26	I	Amb	I	07 38 02.9
BPAW	Bear Paw Mtn	82.57	26	P	P	P	07 37 53.4 +0.5
CUT	Chullitna	82.80	28	P	P	P	07 37 54.8 +0.8
M22K	Willow	82.84	29	P	P	P	07 37 54.9 +0.6
TRF	Thorofare Moun	82.84	27	I	Amb	I	07 38 03.8
TRF	Thorofare Moun	82.84	27	P	P	P	07 37 54.7 +0.2
O22K	Cooper Landing	82.98	30	P	P	P	07 37 55.5 +0.5
RC01	Rabbit Creek A	83.00	29	I	Amb	I	07 38 00.7
RC01	Rabbit Creek A	83.00	29	P	P	P	07 37 55.4 +0.2
D23K	Nanushuk River	83.01	21	P	P	P	07 37 55.8 +0.7
COLD	Coldfoot	83.08	23	I	Amb	I	07 38 23.1
COLD	Coldfoot	83.08	23	P	P	P	07 37 56.1 +0.7
C23K	Ikilikil River	83.09	20	P	P	P	07 37 56.2 +0.8
SEW	Seward	83.11	30	I	Amb	I	07 38 22.4
SEW	Seward	83.11	30	P	P	P	07 37 56.1 +0.4
G23K	Bananza Creek	83.12	23	I	Amb	I	07 38 06.7
G23K	Bananza Creek	83.12	23	P	P	P	07 37 56.3 +0.6
PMR	Palmer	83.31	29	I	Amb	I	07 38 21.5
PMR	Palmer	83.31	29	P	P	P	07 37 56.6 -0.1
I23K	Minto, Yukon-K	83.32	25	I	Amb	I	07 38 05.4
I23K	Minto, Yukon-K	83.32	25	P	P	P	07 37 57.2 +0.5
E23K	Chandalar	83.34	22	I	Amb	I	07 38 00.0
E23K	Chandalar	83.34	22	P	P	P	07 37 57.6 +0.7
SOC	Sochi	83.38	313	eP	eS	eS	07 37 58.9 +1.4
SOC	Sochi	83.38	313	eS	eS	eS	07 41 10.8 -0.2
SOC	Sochi	83.38	313	eS	eS	eS	07 40 06.8 +0.0
SOC	Sochi	83.38	313	eS	eS	eS	07 53 39.4 -1.5
SOC	Sochi	83.38	313	eS	eS	eS	07 37 57.8 +0.7
TOLK	Toolik Lake Re	83.39	22	P	P	P	07 37 57.8 +0.7
NEA2	Nenana	83.43	26	I	Amb	I	07 38 06.5
NEA2	Nenana	83.43	26	P	P	P	07 37 57.7 +0.5
MCK	McKinley	83.46	27	P	P	P	07 37 57.5 0.0
RND	Reindeer	83.49	27	I	Amb	I	07 38 04.4
KLMR	Klimovskoe	83.54	331	eP	ePP	ePP	07 37 55.5 -2.4
KLMR	Klimovskoe	83.54	331	eP	ePP	ePP	07 38 10.7 -1.4
KLMR	Klimovskoe	83.54	331	eP	ePP	ePP	07 37 58.5 +0.2
WAT1	Watusi Watana	83.61	27	P	P	P	07 37 58.5 +0.2
KNK	Knik Glacier	83.63	29	P	P	P	07 37 58.5 +0.2
PWL	Port Wells	83.68	29	P	P	P	07 37 59.0 +0.3
VSR	Storozhevoye	83.68	321	eP	pmax	pmax	07 37 56.3 -2.5
VSR	Storozhevoye	83.68	321	eP	pmax	pmax	07 37 56.3 -2.5
D24K	Happy Valley	83.68	21	I	Amb	I	07 38 25.2
D24K	Happy Valley	83.68	21	P	P	P	07 37 59.0 +0.5
SML	Franklin	83.69	28	P	P	P	07 37 58.8 0.0
24K	Sawmill Bluff	83.75	20	P	P	P	07 37 59.5 +0.7
LPSR	Galich'ya Gora	83.82	322	eP	pmax	pmax	07 38 00.3 +0.8
LPSR	Galich'ya Gora	83.82	322	eP	pmax	pmax	07 38 00.3 +0.8
WRH	Wood River Hill	83.85	26	I	Amb	I	07 38 06.8
COLA	College	83.95	25	P	P	P	07 37 59.8 -0.1
COLA	College	83.95	25	P	P	P	07 38 18.7
COLA	College	83.95	25	P	P	P	07 37 59.3 -0.6
COLA	College	83.95	25	P	P	P	07 37 59.8 -0.1
COLA	College	83.95	25	P	P	P	07 38 00.7 +0.8
COLA	College	83.95	25	P	P	P	07 37 59.6 -0.3
H24K	Noodor Dome	83.96	24	I	Amb	I	07 38 19.8
H24K	Noodor Dome	83.96	24	P	P	P	07 38 00.8 +0.8
CCB	Clear Creek Bu	83.97	26	I	Amb	I	07 38 03.9
WAT6	Susitna Watana	83.98	28	P	P	P	07 38 00.6 +0.3
M23K	Glacier View	83.98	28	P	P	P	07 38 00.9 +0.7
F24K	Squaw Lake	83.98	23	P	P	P	07 38 01.1 +1.0
G24K	Hadweenzic Riv	84.13	24	I	Amb	I	07 38 03.2
G24K	Hadweenzic Riv	84.13	24	P	P	P	07 38 01.7 +0.9
P23K	Montague Inla	84.14	30	P	P	P	07 38 01.9 +0.9
POKR	Poker Plat Res	84.14	25	P	P	P	07 38 01.5 +0.6
DHY	Denali Highway	84.15	27	P	P	P	07 38 01.3 +0.1
HDA	Harding Lake	84.34	26	P	P	P	07 38 02.1 +0.1
IL31	Ilavik	84.37	25	P	P	P	07 38 01.6 -0.5
ILAR	Eielson Array	84.37	25	P	P	P	07 38 00.3 -1.8
ILAR	Eielson Array	84.37	25	P	P	P	07 38 00.3 -1.8
ILAR	Eielson Array	84.37	25	P	P	P	07 38 01.8 -0.3
ILAR	Eielson Array	84.37	25	P	P	P	07 38 01.8 -0.3
D25K	Kavik River	84.56	21	I	Amb	I	07 38 09.1
D25K	Kavik River	84.56	21	P	P	P	07 38 03.5 +0.5

MAW	Mawson	84.65	200	P	P	P	07 38 02.9 -0.4
Q23K	Middleton Is	84.67	31	P	P	P	07 38 04.5 +0.9
G25K	Bearman Lake	84.68	23	P	P	P	07 38 04.4 +0.9
M24K	Tolsona, Glenn	84.71	28	P	P	P	07 38 04.7 +0.7
KLU	Klutina	84.84	29	I	Amb	I	07 38 13.8
KLU	Klutina	84.84	29	P	P	P	07 38 05.0 +0.4
F25K	Christian Riv	84.85	23	P	P	P	07 38 05.1 +0.6
K24K	Donnelly Dome	84.86	26	P	P	P	07 38 05.2 +0.6
E25K	Arctic Village	84.86	22	I	Amb	I	07 38 15.2
E25K	Arctic Village	84.86	22	P	P	P	07 38 05.4 +0.8
PRP	Porcupine Dome	84.93	25	P	P	P	07 38 05.6 +0.5
EYAK	Cordova Ski Ar	84.95	30	P	P	P	07 38 05.5 +0.5
VNDA	Vanda	85.00	173	P	P	P	07 38 05.0 +0.1
VNDA	Vanda	85.00	173	P	P	P	07 38 05.9 +0.4
VNDA	Vanda	85.00	173	P	P	P	07 38 05.8 +0.9
VNDA	Vanda	85.00	173	P	P	P	07 38 05.8 +0.9
VNDA	Vanda	85.00	173	P	P	P	07 38 05.3 +0.4
VNDA	Vanda	85.00	173	P	P	P	07 38 05.3 +0.4
J25K	Salcha River	85.02	26	I	Amb	I	07 38 11.6
J25K	Salcha River	85.02	26	P	P	P	07 38 05.6 +0.1
FYU	Fort Yukon	85.03	24	I	Amb	I	07 38 31.1
C26K	Camden Bay	85.06	20	P	P	P	07 38 06.6 +1.1
OBN	Obninsk	85.16	325	LR	LR	LR	08 18 12.0
OBN	Obninsk	85.16	325	eP	eP	eP	07 38 04.9 -1.3
OBN	Obninsk	85.16	325	eP	eP	eP	07 41 24.8
OBN	Obninsk	85.16	325	eP	eP	eP	07 43 22.3
OBN	Obninsk	85.16	325	eP	eP	eP	07 48 37.7 +5.3
OBN	Obninsk	85.16	325	eP	eP	eP	07 38 09.3 +0.8
OBN	Obninsk	85.16	325	eP	eP	eP	07 38 09.5 +0.8
HARP	HAARP	85.18	28	P	P	P	07 38 06.7 +0.5
BMAR	Burnt Mountain	85.26	23	P	P	P	07 38 07.7 +1.1
RIDG	Independent Ri	85.28	27	I	Amb	I	07 38 40.1
RIDG	Independent Ri	85.28	27	P	P	P	07 38 07.5 +0.7
F26K	Sheenjek River	85.42	23	P	P	P	07 38 08.5 +1.2
N25K	Chitina, Valde	85.47	29	I	Amb	I	07 38 25.1
N25K	Chitina, Valde	85.47	29	P	P	P	07 38 08.6 +0.8
C27K	Jago River	85.49	21	P	P	P	07 38 08.6 +1.0
BMRM	Bremner River	85.50	29	P	P	P	07 38 08.6 +0.7
LVZ	Lovuzero	85.56	338	P	P	P	07 38 07.3 -0.7
G26K	Porcupine Riv	85.59	23	P	P	P	07 38 09.5 +1.4
KAIM	Kayak Island	85.64	30	P	P	P	07 38 09.3 +0.8
SCRK	Sand Creek	85.65	26	P	P	P	07 38 09.5 +0.8
J26L	Joseph Creek	85.81	26	I	Amb	I	07 38 16.6
J26L	Joseph Creek	85.81	26	P	P	P	07 38 10.1 +0.7
L26K	Log Cabin Wild	85.98	27	P	P	P	07 38 10.9 +0.6
FURI	Furi	86.03	279	LR	LR	LR	08 17 24.3
M26K	Nabesna, AK	86.19	28	P	P	P	07 38 11.9 +0.6
MCARA	McCarthy VSAT	86.24	29	P	P	P	07 38 12.0 +0.5
CRQE	Crque	86.25	29	P	P	P	07 38 12.1 +0.4
E27K	Coleen River	86.35	22	P	P	P	07 38 12.8 +0.8
G27K	Doyon Strip	86.44	23	P	P	P	07 38 13.4 +1.0
D27M	Malcolm River	86.48	21	I	Amb	I	07 38 30.1
D27M	Malcolm River	86.48	21	P	P	P	07 38 13.4 +0.8
H27K	Steamboat Moun	86.54	24	P	P	P	07 38 13.6 +0.6
I27K	Katik River	86.55	25	P	P	P	07 38 13.9 +0.9
B27K	Beaver Creek,	86.67	27	P	P	P	07 38 14.1 +0.5
BCAR	Beaver Creek A	86.69	27	P	P	P	07 38 14.3 +0.5
M27K	Edge Creek, AK	86.71	28	P	P	P	07 38 14.7 +0.8
PPT	Papeete	86.77	108	P	P	P	07 38 12.7 -2.2
PPT	Papeete	86.77	108	P	P	P	07 38 12.7 -2.2
BARN	Barnard Glacie	86.92	29	I	Amb	I	07 38 29.1
F28M	Old Crow	87.05	22	I	Amb	I	07 38 17.1
F28M	Old Crow	87.05	22	P	P	P	07 38 15.6 +0.2
E28M	Babbage River	87.06	21	P	P	P	07 38 16.2 +0.8
CTG	Chitna Glacier	87.09	29	P	P	P	07 38 16.5 +0.6
BVCY	Beaver Creek	87.18	28	P	P	P	07 38 16.8 +0.8
D28M	Stos Point	87.26	21	P	P	P	07 38 17.2 +0.9
I28M	Miner Creek	87.27	25	P	P	P	07 38 17.4 +0.9
YUK3	Moose Creek	87.43	28	P	P	P	07 38 18.0 +0.5
DAWY	Dawson	87.66	26	P	P	P	07 38 18.8 +0.4
O28M	Mount Outpost	87.67	29	P	P	P	07 38 18.9 +0.1
E29M	Blow River	87.69	22	P	P	P	07 38 18.8 +0.4
P29M	Pinnacle	87.71	30	P	P	P	07 38 19.1 +0.3
H29M	Whitestone	87.81	24	P	P	P	07 38 19.2 +0.2
YUK8	Steele Glacier	87.81	29	P	P	P	07 38 19.8 +0.3
G29M	Pine Creek	87.85	23	P	P	P	07 38 19.4 +0.2
EIL	Eilat	87.91	299	LR	LR	LR	08 24 30.3
I29M	Ogilvie Camp	87.95	25	I	Amb	I	07 38 28.4
I29M	Ogilvie Camp	87.95	25	P	P	P	07 38 19.7 0.0
J29N	Klondike Camp	88.11	26	I	Amb	I	07 38 28.2
J29N	Klondike Camp	88.11	26	P	P	P	07 38 20.9 +0.3
BRTR	Keskin Array B	88.13	310				

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like 63M Telegraph Cree, MLR Muntele Rosu, V35K Ketchikan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MKAR baz=36,slow=27,SNR=1.8, SJA 06:07:35:58.4, GUC 06:07:36:02.5, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CRPR Cabo Rojo, PR, UUPR Utuado, PR, LSP Las Mesas, etc.

NEIC 06 09:00:48.8±2.0, 20°61'S, 0°05'168E±2.0, 1.1h0km, 1km, mb4.5/10, Error ellipse: s-maj=17.5km s-min=7.9km az=101.0

ISC 06 09:00:47.1-0.7, 20°53'S, 0°04'168E±2.0, 0.08h, 1h0km, n36, c15/37, mb4.3/11, Loyalty Islands

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, ISC. Lists seismic stations and their recorded data for the 6d 9h period.

ISC 06 09:00:57.2±4.9, 20°45'S, 167°98'E, h0km, mb4.3/4, mbtmpp3.4/4, ML3.7/1, MS2.4/1, Error ellipse: s-maj=116.8km s-min=29.8km az=117.0, Loyalty Islands

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, ISC. Lists seismic stations and their recorded data for the 6d 9h period.

ASRS 06 09:15:20.0±1.5, 55°96'N, 86°34'E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

ISC 06 09:15:25.6±3.7, 55°87'N, 86°36'E, h0km, mbtmpp2.6/3, ML1.7/2, Error ellipse: s-maj=31.1km s-min=30.1km az=153.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, ISC. Lists seismic stations and their recorded data for the 6d 9h period.

ISC 06 09:27:08.2±1.9, 2°50'S, 138°30'E, h0km, mb3.3/2, mbtmpp3.4/4, ML3.5/2, MS2.4/1, Error ellipse: s-maj=40.6km s-min=26.5km az=136.0, Irian Jaya

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, ISC. Lists seismic stations and their recorded data for the 6d 9h period.

ISC 06 09:30:22.1±99.0, 54°43'N, 1°17'E, h0km, Error ellipse: s-maj=516.4km s-min=178.5km az=107.0, North Sea

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, ISC. Lists seismic stations and their recorded data for the 6d 9h period.

ASRS 06 09:40:37.0±1.7, 53°76'N, 91°03'E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. IDC 06 09:40:43.5±4.2, 53°73'N, 90°87'E, h0km, mbtmpp2.7/3, ML1.9/3, Error ellipse: s-maj=39.2km s-min=29.2km az=44.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, ISC. Lists seismic stations and their recorded data for the 6d 9h period.

IDC 06 09:42:52.4±2.1, 77°98'N, 24°78'E, h0km, mbtmpp3.6/4, ML3.1/4, Error ellipse: s-maj=23.9km s-min=7.0km

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, ISC. Lists seismic stations and their recorded data for the 6d 9h period.

KOLA 06 09:42:52.3, 78°07'N, 23°95'E, h0km, ML3.5, Error ellipse: s-maj=18.3km s-min=13.9km az=20.0, Spitsbergen, Barents Sea

NAO 06 09:42:53.0±0.6, 78°09'N, 24°73'E, h15km, ML2.9, FCIAR 06 09:42:53.0, 78°10'N, 25°11'E, h10km, station ZF12 has station magnitude of 3.70 station OMEGA has station magnitude of 3.70

BER 06 09:42:54.8±4.2, 78°15'N, 25°01'E, h21km, 9km, ML3.3, ML3.9(NAO), Confirmed Earthquake

ISC 06 09:42:51.2±0.6, 78°15'N, 25°09'E±0.04, h10km, n55, c185/95, 1C-2D, Svalbard region

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, ISC. Lists seismic stations and their recorded data for the 6d 9h period.

ISC 06 09:45:48.8±1.1, 51°76'N, 75°72'E, h0km, mbtmpp2.8/3, ML2.0/2, Error ellipse: s-maj=22.5km s-min=8.7km az=31.0

ISC 06 09:45:48.9±1.1, 51°70'N, 75°56'E±0.06, h10km, n5, c171/17, Eastern Kazakhstan

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, ISC. Lists seismic stations and their recorded data for the 6d 9h period.

OSPL 06 09:58:01.8±0.4, 17°86'N, 66°86'W, h25km±6km, ML2.8, Presumed earthquake

NEIC 06 09:58:01.6±0.7, 17°88'N, 0°02'66'E±2.0, 0.1h15km±2km, ML3.2/2, M2.9/14(RSPR), Error ellipse: s-maj=2.8km s-min=1.6km az=183.0

RSPR 06 09:58:02.2, 17°92'N, 66°82'W, h8km, MD2.9/14, ISC 06 09:58:01.8±1.0, 17°90'N, 0°05'66'E±1.0, 0.02h14km±6km, n40, c052/62, 3C-8D, Puerto Rico region

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, ISC. Lists seismic stations and their recorded data for the 6d 9h period.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, ISC. Lists seismic stations and their recorded data for the 6d 9h period.

STEI 10.64 200 eP Sn 09 45 23.5 +0.1 STEI IAML 09 47 16.2 -11

APA0 10.83 164 Pn Pn 09 45 24.5 -1.6 APA0 09 47 16.9 -10

APA0 10.83 164 Pn Sn 09 45 24.5 -1.6 APA0 09 47 16.9 -10

SAFU 10.99 193 eP Sn 09 45 27.6 -0.6 SAFU 09 47 21.5 -9.4

FAUS 11.18 200 eP Sn 09 45 30.9 +0.2 FAUS 09 46 06.7 -3.2

SVZ 11.40 49 eP Sn 09 48 34.2 -1.1 SVZ 09 46 16.4 -2.2

LSH 14.68 144 eP Sn 09 48 49.6 -1.1 LSH 09 46 44.7 -1.3

FINES 16.79 178 P Pn 09 46 44.7 -1.3 FINES 09 46 43.2 -2.9

FINES 16.79 178 P Pn 09 46 43.2 -2.9 FINES 09 49 40.3 -12

NOA 17.76 202 P Pn 09 46 57.5 -0.6 NOA 09 47 00.4 -0.5

KLMR 17.98 157 eP Pn 09 47 00.4 -0.5 KLMR 09 47 02.0 +0.6

NRAO 18.03 202 P Pn 09 47 02.0 +0.6 NRAO 09 47 05.2 -1.6

HFS 18.48 198 P Pn 09 47 05.2 -1.6 HFS 09 47 05.2 -1.6

ISC 06 09:45:48.8±1.1, 51°76'N, 75°72'E, h0km, mbtmpp2.8/3, ML2.0/2, Error ellipse: s-maj=22.5km s-min=8.7km az=31.0

ISC 06 09:45:48.9±1.1, 51°70'N, 75°56'E±0.06, h10km, n5, c171/17, Eastern Kazakhstan

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, ISC. Lists seismic stations and their recorded data for the 6d 9h period.

OSPL 06 09:58:01.8±0.4, 17°86'N, 66°86'W, h25km±6km, ML2.8, Presumed earthquake

NEIC 06 09:58:01.6±0.7, 17°88'N, 0°02'66'E±2.0, 0.1h15km±2km, ML3.2/2, M2.9/14(RSPR), Error ellipse: s-maj=2.8km s-min=1.6km az=183.0

RSPR 06 09:58:02.2, 17°92'N, 66°82'W, h8km, MD2.9/14, ISC 06 09:58:01.8±1.0, 17°90'N, 0°05'66'E±1.0, 0.02h14km±6km, n40, c052/62, 3C-8D, Puerto Rico region

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, ISC. Lists seismic stations and their recorded data for the 6d 9h period.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like F42K Maple Grove Fa, WMOK Wichita Mouta, and many others.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like T25A Trinidad, T25A comp=Z,356nm,1.6s, and many others.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like CPUP comp=Z,2.9nm,1.0s,baz=0.0,slow=19,SNR=2.3, and many others.

2020 JAN

Table with columns: Coad, Station Name, Frequency, Class, Mode, Power, and other details. Includes stations like Combarbal, Tinemaha, Isabella, etc.

Table with columns: LIS, Station Name, Frequency, Class, Mode, Power, and other details. Includes stations like Vila Bisbo, Sao Teotônio, Marcelete, etc.

Table with columns: MDT, Station Name, Frequency, Class, Mode, Power, and other details. Includes stations like Midlett, Corral, San Pablo, etc.

Table with columns: WHY, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Whitehorse, Skagway, M31M, etc.

Table with columns: TABL, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Table Mountain, Beaver Creek, etc.

Table with columns: KEST, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Kesra, NORSAR, etc.

6d 10h

Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like HFS Hagfors, LUNU Lund, P23K Montague Islan, etc.

2020 JAN

Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like COLD Coldfoot, C22K Coldfoot, C20K Cooper Landing, etc.

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Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like B21K Ikpikpuq River, A22K Sinclair Lake, M20K Styr River, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, and Time. Includes stations like G18K Tagagawik, G18K Tagagawik, P17K Kivchak River, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, and Time. Includes stations like BOVS Bovan, DRGR DRGR, Nuku Hiva Isla, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, and Time. Includes stations like AK20 Malin Array Si, AK19 Malin Array Si, AK21 Malin Array Si, etc.

6d 10h

2020 JAN

Table with columns for location (e.g., BELG, TAXI, MMAI), time (e.g., 2.3nm, 1.2s), and performance metrics (e.g., pmax, P, 10 45 19.8 +0.1).

Table with columns for location (e.g., YAK, YAK, LBTB), time (e.g., 2.2um, 20.0s), and performance metrics (e.g., MLR, MLR, 99.44 113 LR).

Table with columns for location (e.g., GTA2, GTA2, BTO2), time (e.g., 2.940nm, 20.3s), and performance metrics (e.g., LR, LR, 121.73 3 ePKP).

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PASG PASIGHAT, JHSG JHARSUGAGA, ITAN ITANAGUA, etc.

NEIC 06 10:33:33.3-2.1, 17.71N-0.04-66.83W, h10km, 1km, ML5, 1/30, Error ellipse: s-maj=6.6km s-min=2.6km az=185.0

RSPR 06 10:33:36.8, 17.90N-66.87W, h9km, 1km, MD2, 3/7, ISC 06 10:33:34.6-1.2, 17.80N-0.06-66.85W, h10km, 2km, n37, c078/49, 9C-1D, Puerto Rico region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MLPR Magueyes Islan, MLPR Magueyes Islan, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CELP comp=N,67um,0.9s, UUPR Utuado, UPR, P, UUPR comp=N,250um,0.4s, etc.

IDC 06 10:34:18.8: 1.2, 41.06N-142.57E, h0km, mb3.6/9, mbmp3.5/11, ML2, 8/2, MS1, 9/1, Error ellipse: s-maj=29.2km s-min=22.1km az=76.0

JMA 06 10:34:24.6: 0.1, 41.0N:0.5:142.5E:0.7, h31km, MV3, 7/34, E OFF ACOMORI PREF

NIED 06 10:34:24.6: 4.1:03N:142:53E, h31km, MW3.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; M1:1.46; M2:-1.23; M3:-0.22; M4:0.13; M5:-1.25; M6:-1.81; Fault plane solution: M2.56000x10^14 NP1:34.00000, 340.00000, 146.00000. NP2:36.20000, 869.00000, 2.560000.

ISC 06 10:34:22.9: 1.3, 41.04N:0.04-142:55E:0.05, h28km, 10km, n35, c089/35, mb3.6/9, 2D, Hokkaido region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JARK Aomoriokakoshu, JARK Aomorigashid, JANG Kungo, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GBPR Magueyes Islan, MLPR Magueyes Islan, CRPR Cabo Rojo, PR, etc.

NEIC 06 10:46:47.2: 0.9, 17.86N:0.03-66.81W:0.01, h10km, 2km, ML2, 7/19, MD2, 4/4(RSPR), Error ellipse: s-maj=4.5km

RSPR 06 10:46:48.3, 17.89N-66.86W, h6km, 1km, MD2, 4/4, 4C-1D, Puerto Rico region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MLPR Magueyes Islan, MLPR Magueyes Islan, CRPR Cabo Rojo, PR, etc.

RSPR 06 10:49:51.2, 17.90N-66.89W, h7km, 5C, Puerto Rico region

AGPR Aguadilla, PR 0.61 340I eP Pg 10 50 02.5 -0.4

NEIC 06 10:49:58.6±0.7, 17.92N±0.02±0.66; 84W±0.01, h16km, 2km, ML3.4/22, Md2.8/10(RSPR), Error ellipse: s-maj=3.3km s-min=1.6km az=179.0

RSPR 06 10:49:58.8, 17.92N±0.66; 85W, h4km, MD2.8/10, 1C-6D, Puerto Rico region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes stations like Maguayes Islan, Cabo Rojo, Obispo Ponce, Cerrillos, Las Mesas, Esperanza - Ma, etc.

NEIC 06 10:52:39.8±0.5, 17.87N±0.03±0.66; 77W±0.008, h10km, 4km, ML3.1/22, Md2.2/9(RSPR), Error ellipse: s-maj=4.6km s-min=1.0km az=175.0

RSPR 06 10:52:40.2, 17.89N±0.66; 78W, h7km, MD2.2/9, 4C-5D, Puerto Rico region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes stations like Guanica, Bosqu, Obispo Ponce, Maguayes Islan, Cerrillos, Las Mesas, Esperanza - Ma, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes stations like Guaynabo City, Isla Desecheo, Col San Antoni, Loma Pena Alta.

UCR 06 10:53:43.7±0.8, 9.74N±0.84; 01W, h10km, 1km, MW3.7, Fault plane solution: NP1.0±45.05000°, δ88.71000°, 74.83000°. Presumed earthquake

UPA 06 10:53:44.1±1.3, 8.07N±0.84; 18W, h9km, 999km, ML3.7, MW2.5. Presumed earthquake

ISC 06 10:53:43.8±0.8, 9.72N±0.02±0.84; 01W±0.02, h14km, 5km, n90, c065/97, 22C-17D, Costa Rica

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes stations like Pirras, San Marcos de Piecas, Cartago, Acosta, Paraso, Desamparados, Pirras, Luján, San Jose, Escuela Centro, Mercedes San J, Escuela Geolox, Barrio Mexico, PAVAS, Santa Ana, PAVAS, Santa Ana, HEMEREDIA, San Farael, Volcans Irazu, Belen, Juan Vinas, Puriscal, Quepos, Quepos, CVT0, CVT1, CVT2, CVT3, CVT4, CVT5, CVT6, CVT7, CVT8, CVT9, CVT10, CVT11, CVT12, CVT13, CVT14, CVT15, CVT16, CVT17, CVT18, CVT19, CVT20, CVT21, CVT22, CVT23, CVT24, CVT25, CVT26, CVT27, CVT28, CVT29, CVT30, CVT31, CVT32, CVT33, CVT34, CVT35, CVT36, CVT37, CVT38, CVT39, CVT40, CVT41, CVT42, CVT43, CVT44, CVT45, CVT46, CVT47, CVT48, CVT49, CVT50, CVT51, CVT52, CVT53, CVT54, CVT55, CVT56, CVT57, CVT58, CVT59, CVT60, CVT61, CVT62, CVT63, CVT64, CVT65, CVT66, CVT67, CVT68, CVT69, CVT70, CVT71, CVT72, CVT73, CVT74, CVT75, CVT76, CVT77, CVT78, CVT79, CVT80, CVT81, CVT82, CVT83, CVT84, CVT85, CVT86, CVT87, CVT88, CVT89, CVT90, CVT91, CVT92, CVT93, CVT94, CVT95, CVT96, CVT97, CVT98, CVT99, CVT100, 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CVT601, CVT602, CVT603, CVT604, CVT605, CVT606, CVT607, CVT608, CVT609, CVT610, CVT611, CVT612, CVT613, CVT614, CVT615, CVT616, CVT617, CVT618, CVT619, CVT620, CVT621, CVT622, CVT623, CVT624, CVT625, CVT626, CVT627, CVT628, CVT629, CVT630, CVT631, CVT632, CVT633, CVT634, CVT635, CVT636, CVT637, CVT638, CVT639, CVT640, CVT641, CVT642, CVT643, CVT644, CVT645, CVT646, CVT647, CVT648, CVT649, CVT650, CVT651, CVT652, CVT653, CVT654, CVT655, CVT656, CVT657, CVT658, CVT659, CVT660, CVT661, CVT662, CVT663, CVT664, CVT665, CVT666, CVT667, CVT668, CVT669, CVT670, CVT671, CVT672, CVT673, CVT674, CVT675, CVT676, CVT677, CVT678, CVT679, CVT680, CVT681, CVT682, CVT683, CVT684, CVT685, CVT686, CVT687, CVT688, CVT689, CVT690, CVT691, CVT692, CVT693, CVT694, CVT695, CVT696, CVT697, CVT698, CVT699, CVT700, CVT701, CVT702, CVT703, CVT704, CVT705, CVT706, CVT707, CVT708, CVT709, CVT710, CVT711, CVT712, CVT713, CVT714, CVT715, CVT716, CVT717, CVT718, CVT719, CVT720, CVT721, CVT722, CVT723, CVT724, CVT725, CVT726, CVT727, CVT728, CVT729, CVT730, CVT731, CVT732, CVT733, CVT734, CVT735, CVT736, CVT737, CVT738, CVT739, CVT740, CVT741, CVT742, CVT743, CVT744, CVT745, CVT746, CVT747, CVT748, CVT749, CVT750, CVT751, CVT752, CVT753, CVT754, CVT755, CVT756, CVT757, CVT758, CVT759, CVT760, CVT761, CVT762, CVT763, CVT764, CVT765, CVT766, CVT767, CVT768, CVT769, CVT770, CVT771, CVT772, CVT773, CVT774, CVT775, CVT776, CVT777, CVT778, CVT779, CVT780, CVT781, CVT782, CVT783, CVT784, CVT785, CVT786, CVT787, CVT788, CVT789, CVT790, CVT791, CVT792, CVT793, CVT794, CVT795, CVT796, CVT797, CVT798, CVT799, CVT800, CVT801, CVT802, CVT803, CVT804, CVT805, CVT806, CVT807, CVT808, CVT809, CVT810, CVT811, CVT812, CVT813, CVT814, CVT815, CVT816, CVT817, CVT818, CVT819, CVT820, CVT821, CVT822, CVT823, CVT824, CVT825, CVT826, CVT827, CVT828, CVT829, CVT830, CVT831, CVT832, CVT833, CVT834, CVT835, CVT836, CVT837, CVT838, CVT839, CVT840, CVT841, CVT842, CVT843, CVT844, CVT845, CVT846, CVT847, CVT848, CVT849, CVT850, CVT851, CVT852, CVT853, CVT854, CVT855, CVT856, CVT857, CVT858, CVT859, CVT860, CVT861, CVT862, CVT863, CVT864, CVT865, CVT866, CVT867, CVT868, CVT869, CVT870, CVT871, CVT872, CVT873, CVT874, CVT875, CVT876, CVT877, CVT878, CVT879, CVT880, CVT881, CVT882, CVT883, CVT884, CVT885, CVT886, CVT887, CVT888, CVT889, CVT890, CVT891, CVT892, CVT893, CVT894, CVT895, CVT896, CVT897, CVT898, CVT899, CVT900, CVT901, CVT902, CVT903, CVT904, CVT905, CVT906, CVT907, CVT908, CVT909, CVT910, CVT911, CVT912, CVT913, CVT914, CVT915, CVT916, CVT917, CVT918, CVT919, CVT920, CVT921, CVT922, CVT923, CVT924, CVT925, CVT926, CVT927, CVT928, CVT929, CVT930, CVT931, CVT932, CVT933, CVT934, CVT935, CVT936, CVT937, CVT938, CVT939, CVT940, CVT941, CVT942, CVT943, CVT944, CVT945, CVT946, CVT947, CVT948, CVT949, CVT950, CVT951, CVT952, CVT953, CVT954, CVT955, CVT956, CVT957, CVT958, CVT959, CVT960, CVT961, CVT962, CVT963, CVT964, CVT965, CVT966, CVT967, CVT968, CVT969, CVT970, CVT971, CVT972, CVT973, CVT974, CVT975, CVT976, CVT977, CVT978, CVT979, CVT980, CVT981, CVT982, CVT983, CVT984, CVT985, CVT986, CVT987, CVT988, CVT989, CVT990, CVT991, CVT992, CVT993, CVT994, CVT995, CVT996, CVT997, CVT998, CVT999, CVT1000, CVT1001, CVT1002, CVT1003, CVT1004, CVT1005, CVT1006, CVT1007, CVT1008, CVT1009, CVT1010, CVT1011, CVT1012, CVT1013, CVT1014, CVT1015, CVT1016, CVT1017, CVT1018, CVT1019, CVT1020, CVT1021, CVT1022, CVT1023, CVT1024, CVT1025, CVT1026, CVT1027, CVT1028, CVT1029, CVT1030, CVT1031, CVT1032, CVT1033, CVT1034, CVT1035, CVT1036, CVT1037, CVT1038, CVT1039, CVT1040, CVT1041, CVT1042, CVT1043, CVT1044, CVT1045, CVT1046, CVT1047, CVT1048, CVT1049, CVT1050, CVT1051, CVT1052, CVT1053, CVT1054, CVT1055, CVT1056, CVT1057, CVT1058, CVT1059, CVT1060, CVT1061, CVT1062, CVT1063, CVT1064, CVT1065, CVT1066, CVT1067, CVT1068, CVT1069, CVT1070, CVT1071, CVT1072, CVT1073, CVT1074, CVT1075, CVT1076, CVT1077, CVT1078, CVT1079, CVT1080, CVT1081, CVT1082, CVT1083, CVT1084, CVT1085, CVT1086, CVT1087, CVT1088, CVT1089, CVT1090, CVT1091, CVT1092, CVT1093, CVT1094, CVT1095, CVT1096, CVT1097, CVT1098, CVT1099, CVT1100, CVT1101, CVT1102, CVT1103, CVT1104, CVT1105, CVT1106, CVT1107, CVT1108, CVT1109, CVT1110, CVT1111, CVT1112, CVT1113, CVT1114, CVT1115, CVT1116, CVT1117, CVT1118, CVT1119, CVT1120, CVT1121, CVT1122, CVT1123, CVT1124, CVT1125, CVT1126, CVT1127, CVT1128, CVT1129, CVT1130, CVT1131, CVT1132, CVT1133, CVT1134, CVT1135, CVT1136, CVT1137, CVT1138, CVT1139, CVT1140, CVT1141, CVT1142, CVT1143, CVT1144, CVT1145, CVT1146, CVT1147, CVT1148, CVT1149, CVT1150, CVT1151, CVT1152, CVT1153, CVT1154, CVT1155, CVT1156, CVT1157, CVT1158, CVT1159, CVT1160, CVT1161, CVT1162, CVT1163, CVT1164, CVT1165, CVT1166, CVT1167, CVT1168, CVT1169, CVT1170, CVT1171, CVT1172, CVT1173, CVT1174, CVT1175, CVT1176, CVT1177, CVT1178, CVT1179, CVT1180, CVT1181, CVT1182, CVT1183, CVT1184, CVT1185, CVT1186, CVT1187, CVT1188, CVT1189, CVT1190, CVT1191, CVT1192, CVT1193, CVT1194, CVT1195, CVT1196, CVT1197, CVT1198, CVT1199, CVT1200, CVT1201, CVT1202, CVT1203, CVT1204, CVT1205, CVT1206, CVT1207, CVT1208, CVT1209, CVT1210, CVT1211, CVT1212, CVT1213, CVT1214, CVT1215, CVT1216, CVT1217, CVT1218, CVT1219, CVT1220, CVT1221, CVT1222, CVT1223, CVT1224, CVT1225, CVT1226, CVT1227, CVT1228, CVT1229, CVT1230, CVT1231, CVT1232, CVT1233, CVT1234, CVT1235, CVT1236, CVT1237, CVT1238, CVT1239, CVT1240, CVT1241, CVT1242, CVT1243, CVT1244, CVT1245, CVT1246, CVT1247, CVT1248, CVT1249, CVT1250, CVT1251, CVT1252, CVT1253, CVT1254, CVT1255, CVT1256, CVT1257, CVT1258, CVT1259, CVT1260, CVT1261, CVT1262, CVT1263, CVT1264, CVT1265, CVT1266, CVT1267, CVT1268, CVT1269, CVT1270, CVT1271, CVT1272, CVT1273, CVT1274, CVT1275, CVT1276, CVT1277, CVT1278, CVT1279, CVT1280, CVT1281, CVT1282, CVT1283, CVT1284, CVT1285, CVT1286, CVT1287, CVT1288, CVT1289, CVT1290, CVT1291, CVT1292, CVT1293, CVT1294, CVT1295, CVT1296, CVT1297, CVT1298, CVT1299, CVT1300, CVT1301, CVT1302, CVT1303, CVT1304, CVT1305, CVT1306, CVT1307, CVT1308, CVT1309, CVT1310, CVT1311, CVT1312, CVT1313, CVT1314, CVT1315, CVT1316, CVT1317, CVT1318, CVT1319, CVT1320, CVT1321, CVT1322, CVT1323, CVT1324, CVT1325, CVT1326, CVT1327, CVT1328, CVT1329, CVT1330, CVT1331, CVT1332, CVT1333, CVT1334, CVT1335, CVT1336, CVT1337, CVT1338, CVT1339, CVT1340, CVT1341, CVT1342, CVT1343, CVT1344, CVT1345, CVT1346, CVT1347, CVT1348, CVT1349, CVT1350, CVT1351, CVT1352, CVT1353, CVT1354, CVT1355, CVT1356, CVT1357, CVT1358, CVT1359, CVT1360, CVT1361, CVT1362, CVT1363, CVT1364, CVT1365, CVT1366, CVT1367, CVT1368, CVT1369, CVT1370, CVT1371, CVT1372, CVT1373, CVT1374, CVT1375, CVT1376, CVT1377, CVT1378, CVT1379, CVT1380, CVT1381, CVT1382, CVT1383, CVT1384, CVT1385, CVT1386, CVT1387, CVT1388, CVT1389, CVT1390, CVT1391, CVT1392, CVT1393, CVT1394, CVT1395, CVT1396, CVT1397, CVT1398, CVT1399, CVT1400, CVT1401, CVT1402, CVT1403, CVT1404, CVT1405, CVT1406, CVT1407, CVT1408, CVT1409, CVT1410, CVT1411, CVT1412, CVT1413, CVT1414, CVT1415, CVT1416, CVT1417, CVT1418, CVT1419, CVT1420, CVT1421, CVT1422, CVT1423, CVT1424, CVT1425, CVT1426, CVT1427, CVT1428, CVT1429, CVT1430, CVT1431, CVT1432, CVT1433, CVT1434, CVT1435, CVT1436, CVT1437, CVT1438, CVT1439, CVT1440, CVT1441, CVT1442, CVT1443, CVT1444, CVT1445, CVT1446, CVT1447, CVT1448, CVT1449, CVT1450, CVT1451, CVT1452, CVT1453, CVT1454, CVT1455, CVT1456, CVT1457, CVT1458, CVT1459, CVT1460, CVT1461, CVT1462, CVT1463, CVT1464, CVT1465, CVT1466, CVT1467, CVT1468, CVT1469, CVT1470, CVT1471, CVT1472, CVT1473, CVT1474, CVT1475, CVT1476, CVT1477, CVT1478, CVT1479, CVT1480, CVT1481, CVT1482, CVT1483, CVT1484, CVT1485, CVT1486, CVT1487, CVT1488, CVT1489, CVT1490, CVT1491, CVT1492, CVT1493, CVT1494, CVT1495, CVT1496, CVT1497, CVT1498, CVT1499, CVT1500, CVT1501, CVT1502, CVT1503, CVT1504, CVT1505, CVT1506, CVT1507, CVT1508, CVT1509, CVT1510, CVT1511, CVT1512, CVT1513, CVT1514, CVT1515, CVT1516, CVT1517, CVT1518, CVT1519, CVT1520, CVT1521, CVT1522, CVT1523, CVT1524, CVT1525, CVT1526, CVT1527, CVT1528, CVT1529, CVT1530, CVT1531, CVT1532, CVT1533, CVT1534, CVT1535, CVT1536, CVT1537, CVT1538, CVT1539, CVT1540, CVT1541, CVT1542, CVT1543, CVT1544, CVT1545, CVT1546, CVT1547, CVT1548, CVT1549, CVT1550, CVT1551, CVT1552, CVT1553, CVT1554, CVT1555, CVT1556, CVT1557, CVT1558, CVT1559, CVT1560, CVT1561, CVT1562, CVT1563, CVT1564, CVT1565, CVT1566, CVT1567, CVT1568, CVT1569, CVT1570, CVT1571, CVT1572, CVT1573, CVT1574, CVT1575, CVT1576, CVT1577, CVT1578, CVT1579, CVT1580, CVT1581, CVT1582, CVT1583, CVT1584, CVT1585, CVT1586, CVT1587, CVT1588, CVT1589, CVT1590, CVT1591, CVT1592, CVT1593, CVT1594, CVT1595, CVT1596, CVT1597, CVT1598, CVT1599, CVT1600, CVT1601, CVT1602, CVT1603, CVT1604, CVT1605, CVT1606, CVT1607, CVT1608, CVT1609, CVT1610, CVT1611, CVT1612, CVT1613, CVT1614, CVT1615, CVT1616, CVT1617, CVT1618, CVT1619, CVT1620, CVT1621, CVT1622, CVT1623, CVT1624, CVT1625, CVT1626, CVT1627, CVT1628, CVT1629, CVT1630, CVT1631, CVT1632, CVT1633, CVT1634, CVT1635, CVT1636, CVT1637, CVT1638, CVT1639, CVT1640, CVT1641, CVT1642, CVT1643, CVT1644, CVT1645, CVT1646, CVT1647, CVT1648, CVT1649, CVT1650, CVT1651, CVT1652, CVT1653, CVT1654, CVT1655, CVT1656, CVT1657, CVT1658, CVT1659, CVT1660, CVT1661, CVT1662, CVT1663, CVT1664, CVT1665, CVT1666, CVT1667, CVT1668, CVT1669, CVT1670, CVT1671, CVT1672, CVT1673, CVT1674, CVT1675, CVT1676, CVT1677, CVT1678, CVT1679, CVT1680, CVT1681, CVT1682, CVT1683, CVT1684, CVT1685, CVT1686, CVT1687, CVT1688, CVT1689, CVT1690, CVT1691, CVT1692, CVT1693, CVT1694, CVT1695, CVT1696, CVT1697, CVT1698, CVT1699, CVT1700, CVT1701, CVT1702, CVT1703, CVT1704, CVT1705, CVT1706, CVT1707, CVT1708, CVT1709, CVT1710, CVT1711, CVT1712, CVT1713, CVT1714, CVT1715, CVT1716, CVT1717, CVT1718, CVT1719, CVT1720, CVT1721, CVT1722, CVT1723, CVT1724, CVT1725, CVT1726, CVT1727, CVT1728, CVT1729, CVT1730, CVT1731, CVT173

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like San Juan, Isla Desecheo, Guaynabo City, Col San Antoni, Loma Pena Alta.

RSPR 06 11:28:46.5, 17:89N, 66:79W, h8km, 1km, MD2.9/9
NEIC 06 11:28:46.0, 17:86N, 03:66:78W, 0.01, h11km, 2km,
ML2.8/22, MD2.5(RSPR), Error ellipse: s-maj=3.7km

Main table for Puerto Rico region, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Guanica, Bosqu, Obispo Ponce, Maguayes Islan, Cabo Rojo, PR, Esperanza - Ma, San Juan, Isla Desecheo, Guaynabo City, Col San Antoni, Loma Pena Alta.

IDC 06 11:32:42.2, 1.5, 33:24N, 48:12E, h0km, mb3, 7/8,
mbtmp3, 7/8, Error ellipse: s-maj=37.6km s-min=23.0km
az=167.0

TEH 06 11:32:43.6, 33:25N, 48:19E, h5km, ML3.4, Presumed
earthquake

ISC 06 11:32:43.7, 0.8, 33:23N, 0:04:48:18E, 0.05, h10km, n26,
e137/26, mb3.6/7, Western Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Doab, Dareh Seyedi, Cheshme Sefid, Songor, Ghalgheazi, Mabit Nafed, Ghan-e-Gharb, Jahan bin, Hamedan-Ghayeh, Pirpir, Abgarm-Qazvin, Kohahrood, Oom, Varamin, Zefreh, Solanaj, Kofeh, Borovoye Array, Kurbb, Makanchi Array, Zalesovo Beam, HLF, Hagfors.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NOA, TORO, CMAR.

RSPR 06 11:39:36.8, 17:91N, 66:88W, h6km, MD3.0/7
NEIC 06 11:39:36.4, 17:88N, 03:66:86W, 0.009,
h10km, 1km, ML3.4/22, MD3.17(RSPR), Error ellipse:
s-maj=5.3km s-min=2.8km az=359.0

ISC 06 11:39:36.7-1.2, 17:89N, 0:05:66:86W, 0.02, h11km, 7km,
n39, e061/51, 7D, Puerto Rico region

Main table for Puerto Rico region, columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Guanica, Bosqu, Obispo Ponce, Maguayes Islan, Cabo Rojo, PR, Esperanza - Ma, San Juan, Isla Desecheo, Guaynabo City, Col San Antoni, Loma Pena Alta.

RSPR 06 11:41:07.7, 17:94N, 66:81W, h9km, 1km, MD2.1/6, 5C-3D,
Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Guanica, Bosqu, Obispo Ponce, Maguayes Islan, Cabo Rojo, PR, Las Mesas, Arcelib Observ, Esperanza - Ma, San Juan, Isla Desecheo, Guaynabo City, Col San Antoni, Loma Pena Alta, SDDR.

NEIC 06 11:41:59.4, 0.8, 17:91N, 0:04:66:79W, 0.01, h16km, 2km,
ML3.5/22, Error ellipse: s-maj=5.3km s-min=1.8km
az=188.0

RSPR 06 11:41:59.8, 17:92N, 66:80W, h7km
OSPL 06 11:41:59.4, 0.3, 17:85N, 66:81W, h23km, 4km, ML3.3,
Presumed earthquake

ISC 06 11:41:59.4, 1.0, 17:91N, 0:05:66:79W, 0.02, h15km, 6km,
n33, e043/55, 8D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Guanica, Bosqu, Obispo Ponce, Maguayes Islan, Cabo Rojo, PR, Las Mesas, Arcelib Observ, Esperanza - Ma, San Juan, Isla Desecheo, Guaynabo City, Col San Antoni, Loma Pena Alta, SDDR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Cabo Rojo, PR, Utuado, UPR, P, Las Mesas, Arcelib Observ, Esperanza - Ma, San Juan, Isla Desecheo, Guaynabo City, Col San Antoni, Loma Pena Alta.

comp=N,8um,0.4s
Cabo Rojo, PR 0.32 288 fP eS Pg 11 42 06.0 -0.1

comp=N,8um,0.4s
Arcelib Observ 0.44 4 fP eS Pg 11 42 14.7 -0.7

comp=N,2um,0.2s
Experimental S 0.58 44 fP eS Pg 11 42 10.6 -0.2

comp=N,5um,0.7s
Esperanza - Ma 0.62 23 Pn Pg 11 42 26.5

comp=N,3um,0.7s
Esperanza - Ma 0.62 23 fP eS Pg 11 42 27.0

comp=N,2um,0.5s
Aguadilla, PR 0.64 331 iP eS Pg 11 42 11.6 -0.4

comp=N,2um,0.8s
Aguadilla, PR 0.64 331 fP eS Pg 11 42 11.6 -0.4

comp=N,1um,0.4s
San Juan 0.64 71 fP eS Pg 11 42 21.9

comp=N,1um,0.5s
Guaynabo City 0.78 59 fP eS Pg 11 42 24.9

comp=N,1um,0.5s
Guaynabo City 0.78 59 fP eS Pg 11 42 24.9

comp=N,807nm,0.5s
Col San Antoni 0.92 75 fP eS Pg 11 42 16.5 -0.6

comp=N,807nm,0.5s
Loma Pena Alta 2.61 290 Pn Pn 11 42 43.2 +1.9

comp=N,807nm,0.5s
Santo Domingo 3.02 281 Pn Pn 11 42 46.4 -0.3

comp=N,807nm,0.5s
Saba 3.39 94 Pn Pn 11 42 52.4 +0.5

DJA 06 11:42:38.4, 0.5, 2N, 4:12, 6E, h88km, 2km, M3.9/9,
mb5.6/1, mb4.3/3, MLv3.7/9, Mw(mb)5.1/1, Talauad

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Sangihe, Ternate, Samra, Namia, Karang Ratu.

RSPR 06 11:42:50.9, 17:90N, 66:79W, h7km, MD2.6/12
NEIC 06 11:42:50.4, 1.0, 17:85N, 0:03:66:79W, 0.01, h8km, 5km,
ML3.5/22, MD2.6/12(RSPR), 9C-5D, Error ellipse:
s-maj=4.2km s-min=1.7km az=176.0, Puerto Rico
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Guanica, Bosqu, Obispo Ponce, Maguayes Islan, Cabo Rojo, PR, Las Mesas, Arcelib Observ, Esperanza - Ma, San Juan, Isla Desecheo, Guaynabo City, Col San Antoni, Loma Pena Alta, SDDR.

RSPR 06 11:42:50.9, 17:90N, 66:79W, h7km, MD2.6/12
NEIC 06 11:42:50.4, 1.0, 17:85N, 0:03:66:79W, 0.01, h8km, 5km,
ML3.5/22, MD2.6/12(RSPR), 9C-5D, Error ellipse:
s-maj=4.2km s-min=1.7km az=176.0, Puerto Rico
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Cabo Rojo, PR, Esperanza - Ma, San Juan, Isla Desecheo, Guaynabo City, Col San Antoni, Loma Pena Alta, SDDR.

comp=N,9um,0.4s
Cabo Rojo, PR 0.34 297 fP eS Pg 11 42 57.6 +0.4

comp=N,9um,0.4s
Cabo Rojo, PR 0.34 297 fP eS Pg 11 42 57.6 +0.4

comp=N,9um,0.4s
Cabo Rojo, PR 0.34 297 fP eS Pg 11 42 57.6 +0.4

comp=N,9um,0.4s
Cabo Rojo, PR 0.34 297 fP eS Pg 11 42 57.6 +0.4

comp=N,9um,0.4s
Cabo Rojo, PR 0.34 297 fP eS Pg 11 42 57.6 +0.4

comp=N,9um,0.4s
Cabo Rojo, PR 0.34 297 fP eS Pg 11 42 57.6 +0.4

comp=N,9um,0.4s
Cabo Rojo, PR 0.34 297 fP eS Pg 11 42 57.6 +0.4

2020 JAN

6d 12h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like National Centr, Guanxi Townshi, Zhongli, Xiulin Townshi, etc.

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

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

NEIC 06 11:55:23.5:1.7, 17.85N:0.03:66.78W:0.006,h5km,1km, ML3.7/22,Md3.1/12(RSPR), Error ellipse: s-maj=5.0km s-min=2.8km az=351.0

RSPR 06 11:58:05.4, 17.91N-66.78W, h9km, 9C-ID, Puerto Rico region

NEIC 06 12:07:30.9:1.3, 17.86N:0.03:66.81W:0.01,h9km,3km, ML3.4/22,Md3.0/12(RSPR), Error ellipse: s-maj=5.0km s-min=2.6km az=178.0

RSPR 06 12:07:31.6, 17.922N-66.82W, h9km, 1km, MD3.0/12 ISC 06 12:07:31.6:1.2, 17.89N:0.05:66.80W:0.02,h12km,6km, n35,+076/53,8D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cabo Rojo, PR, Esperanza - Ma, and Loma Pena Alta.

NEIC 06 12:12:00.2-0.8, 17.88N-0.03-66.84W-0.01, h9km, 3km, ML2.5/22, Md3.0/(RSPR), Error ellipse: s-maj=4.6km s-min=1.3km az=185.0

RSPR 06 12:12:00.9, 17.93N-66.87W, h8km, MD2.2/14, 2C-8D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Guanica, Bosqu, Esperanza - Ma, and Loma Pena Alta.

PGC 06 12:12:05.1-8.3, 47.69N-129.10W, h10km, MLSn3.3/8, Mw4.0/8, 285km southwest of Tofino, Bc Off Coast Of Washington, Off coast of Washington

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEPTUNE Canada, Gold River, and Cowichan Lake.

RSPR 06 12:13:26.9, 17.91N-66.89W, h6km, MD3.0/6, NEIC 06 12:13:27.0-0.8, 17.91N-0.03-66.89W-0.006, h9km, 2km, ML2.8/22, Md3.0/(RSPR), Error ellipse: s-maj=4.7km s-min=0.7km az=177.0

ISC 06 12:13:27.1-1.3, 17.92N-0.05-66.89W-0.02, h7km, 6km, n31, c068/44, 4C-3D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Guanica, Bosqu, Magueyes Islan, and Loma Pena Alta.

TAP 06 12:17:13.0, 24.45N-121.77E, h9km, ML2.0, B, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Wuta, Nanau, Aohua, and Suao.

TAP 06 12:17:15.4, 24.22N-120.85E, h10km, ML2.1, C, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Taichung City, Liyuan, and Shuangxi.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Yuchr, Miaoili, Renai, and Wufeng Townshi.

JMA 06 12:17:16.8-0.4, 28.1N-0.7-128.0E-0.9, h13km, 4km, Mw4.2/15, NIW OFF OKINAWAJIMA IS

IDC 06 12:17:16.1-0.8, 28.08N, 128.15E, h0km, mb3.8/11, mbtm3.7/12, ML2.9/1, Error ellipse: s-maj=29.5km s-min=12.1km az=74.0

BUII 06 12:17:20.0, 27.80N-128.18E, h14km, mb4.6/15, mb4.2/45, Ms4.6/37, Ms7.4/3/36

NEIC 06 12:17:20.2-2.3, 27.92N-0.05-128.16E-0.08, h10km, 1km, mb4.5/21, Error ellipse: s-maj=12.4km s-min=8.0km az=92.0

ISC 06 12:17:21.6-1.2, 27.94N-0.03-128.21E-0.04, h24km, 10km, n92, c198/102, mb4.3/24, MS4.3/5, 2C, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JOKE, TOKUNOSHIMA, AMAMINISHIKOMI, and SHESHAN.

6d 12h

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

2020 JAN

Table with columns: Station Name, Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SHAA, ASAR, E19K, etc.

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

6d 13h

Table with columns: LSP, PRSN, AOPR, etc. and rows for stations like Las Mesas, Puerto Rico Se, etc.

IDC 06 13:08:23.3z-1.0, 29.23N:130.24E, h0km, mb3.7/11, mbmp3.6/15, ML2.6/24, MS2.8/1, Error ellipse: s-maj=27.1km s-min=15.4km az=90.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC and rows for stations like Nakanoshima, Kikashima, etc.

2020 JAN

0.6nm, 0.6s, baz=61, slow=6.8, SNR=2.5, 0.6nm, 0.6s

ISK 06 13:10:57.0, 41.61N:32.58E, h5km, ML2.5/11, AFAD 06 13:10:57.3, 41.57N:32.67E, h7km, 3km, ML2.1, ISC 06 13:10:57.1, 41.50N:0.03:32.62E:0.02, h8km, e11km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC and rows for stations like KURC, BTIN, KURC, etc.

IDC 06 13:26:19.5z-1.2, 5.59S:152.55E, h0km, mb3.5/3, mbmp3.6/4, ML1.8/1, MS3.1/1, Error ellipse: s-maj=85.7km s-min=24.0km az=129.0

ISC 06 13:25:6.1, 2.56S:0.4:152.3E:0.3, h40km, n8, e13/8, mb3.7/4, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC and rows for stations like PMG, CTA, WRA, ASAR, ILAR, MAW, LPAZ, TORO, etc.

IDC 06 13:35:19.1z-1.2, 32.04N:137.90E, h386km, 30km, mb2.9/5, mbmp3.6/6, Error ellipse: s-maj=69.9km s-min=24.2km az=71.0

ISC 06 13:35:18.8z-1.5, 32.0N:0.1:137.8E:0.3, h380km, n6, e046/7, mb3.0/5, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC and rows for stations like MJAR, MKAR, KURB, WRA, BVAR, FINES, etc.

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Table with columns: CRPR, UPRP, LSP, AOPR, etc. and rows for stations like Cabo Rojo, PR, Utuado, UPR, P, Las Mesas, etc.

IDC 06 13:58:02.2z-1.4, 17.94N:66.82W, h0km, mb3.4/5, mbmp3.5/6, ML2.8/1, Error ellipse: s-maj=33.7km s-min=8.9km az=174.0

NEIC 06 13:58:03.2z-0.9, 17.93N:0.02:66.81W:0.01, h11km, 5km, ML3.3/30, MD2.9/9(RSPR), Error ellipse: s-maj=3.6km

RSPR 06 13:58:03.4z-0.9, 17.92N:0.04:66.80W:0.02, h12km, 5km, n50, e083/64, mb3.5/5, 2C-5D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC and rows for stations like GBPR, OBIP, CRPR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Isla Desecheo, Col San Antoni, Loma Pena Alta, etc.

TEH 06 13:58:40.4, 28°31'N; 57°26'E, h9km, ML3.2, Presumed earthquake
OMAN 06 13:58:42.3, 0.2, 28°30'N; 57°37'E, h25km, mb3.6/5.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kahnooj, Bamat, Negar Kerman, etc.

NEIC 06 14:04:50.1, 0.7, 17°18'N; 0°03'66.773W; 0.009, h10km, 1km, ML2.8/2.4, Md2.5/14(RSPR), Error ellipse: s-maj=4.9km

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Esperanza - Ma, Aguadilla, PR, San Juan, etc.

IDC 06 14:06:46.7, 6.5, 21°11'S; 179°19'W, h0km, mb3.6/3, mbmp3.8/9, ML3.1/2, Error ellipse: s-maj=293.5km

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

IDC 06 14:07:02.1, 0.9, 1°22'N; 126°23'E, h0km, mb3.8/7, mbmp3.8/9, ML3.1/2, Error ellipse: s-maj=46.8km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sorong, Baumenta, Fitzroy Crossi, etc.

NEIC 06 14:07:23.2, 1.7, 86°N; 0°03'66.81W; 0.01, h10km, 2km, ML3.0/2.4, Md3.3(RSPR), Error ellipse: s-maj=5.3km

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Col San Antoni, Loma Pena Alta, etc.

NEIC 06 14:07:50.1, 0.7, 17°19'N; 0°03'66.79W; 0.02, h12km, 2km, ML2.8/1.2, Md2.9/6(RSPR), Error ellipse: s-maj=5.0km

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

NEIC 06 14:14:41.2, 0.5, 17°34'N; 0°04'66.79W; 0.01, h10km, 2km, ML2.9/2.4, Md2.5/6(RSPR), Error ellipse: s-maj=5.5km

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

6d 14h

Table with columns: SDDR, Presa de Saban, 4.40 285, Pb, 14 15 57.8 -1.0. Includes station names like NOU 06 14:14:45.3, 16:59S, 167:02E, h0km, MLV4.3/15, Vanuatu Islands, Vanuatu Islands.

IDC 06 14:21:22.4-1.1, 37.740N-112.46E, h0km, mb3.8/8, mbtmp3.7/11, ML3.6/3, MS3.4/3, Error ellipse: s-maj=24.1km s-min=19.1km az=44.0

NEIC 06 14:21:24.8-2.1, 37.37N-109.112E, 0.1, h10km, 1km, mb4.2/10, Error ellipse: s-maj=15.8km s-min=14.0km az=161.0

ISC 06 14:21:24.8-0.7, 37.40N-109.112E, 0.07, h13km, n24, +059Z/23, mb3.9/12, Northeastern China

Main table for 6d 14h section, listing station names, times, and residuals. Includes stations like BJT Baijittau, LZDM Lanzhou Array, SONM Songoing Array, etc.

IDC 06 14:31:54.9-1.1, 27.85N-127.90E, h0km, mb3.3/4, mbtmp3.4/5, ML3.4/1, MS3.1/3, Error ellipse: s-maj=37.2km s-min=15.2km az=73.0

JMA 06 14:31:54.8-0.2, 27.85N-127.90E, 0.5, h22km, 2km, MV3.1/13, NW Off OKINAWAJIMA IS

ISC 06 14:31:55.8-1.7, 27.93N-128.00E, 0.06, h8km, 1.1km, n19, +186Z/23, mb3.3/4, Ryukyu Islands

Main table for 6d 14h section, listing station names, times, and residuals. Includes stations like JOKE Okinoerabujima, JTK Tokunoshima, etc.

NNC 06 14:37:41.8-0.0, 43.17N-78.35E, h6km, mpv2.4, Error ellipse: s-maj=1.0km s-min=0.1km az=103.0

KRNET 06 14:37:41.9, 43.15N-78.28E, h10km, SOME 06 14:37:42.1, 43.21N-78.36E, 0.04, h12km, gkm, n9, +208Z/18, 2C-6D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SATY Saty, SATY 20nm, 0.1s.

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Table with columns: KPKS, Kokpek, 0.35 42 P, Pg, 14 37 49.7 +0.4. Includes station names like KPKS, UZB Uzynbulak, etc.

IDC 06 14:49:10.8-0.7, 51.28N-178.26W, h0km, mb3.9/27, mbtmp3.9/31, ML3.7/4, MS3.0/5, Error ellipse: s-maj=20.5km s-min=11.8km az=163.0

NEIC 06 14:49:12.0-1.8, 50.962N-0.006E, 178:21W, 0:07, h10km, 1km, mb4.0/61, ML4.1/14, ML3.8(AEIC), Error ellipse: s-maj=7.8km s-min=2.8km az=83.0

AEIC 06 14:49:14.5-1.8, 51.08N-0.06E, 178:17W, 0:06, h20km, 4km, Error ellipse: s-maj=9.0km s-min=5.6km az=172.0

ISC 06 14:49:13.1-0.7, 51.03N-0.07E, 178:14W, 0:03, h20km, 4km, n139, +1930/127, mb4.1/45, MS3.0/3, Andreanof Islands

Main table for 2020 JAN section, listing station names, times, and residuals. Includes stations like GAKI Gareloi-Kavalig, TAFU Tanaga Flats, etc.

IDC 06 14:49:13.1-0.7, 51.03N-0.07E, 178:14W, 0:03, h20km, 4km, n139, +1930/127, mb4.1/45, MS3.0/3, Andreanof Islands

IDC 06 14:49:13.1-0.7, 51.03N-0.07E, 178:14W, 0:03, h20km, 4km, n139, +1930/127, mb4.1/45, MS3.0/3, Andreanof Islands

IDC 06 14:49:13.1-0.7, 51.03N-0.07E, 178:14W, 0:03, h20km, 4km, n139, +1930/127, mb4.1/45, MS3.0/3, Andreanof Islands

Main table for 2020 JAN section, listing station names, times, and residuals. Includes stations like ADK Adak, GSTD Great Sitkin T, etc.

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Main table for 352 section, listing station names, times, and residuals. Includes stations like RND, F21K Alatina River, NEA2 Nenana, etc.

M27K	Edge Creek, AK baz=95	67.44 331	P	P	15 02 12.2	-0.5
L27K	Beaver Creek, baz=95	67.47 332	P	P	15 02 12.9	+0.1
I27K	Kandik River baz=96	67.63 334	P	P	15 02 14.1	+0.3
H27K	Steamboat Moun baz=98	67.66 335	P	P	15 02 13.8	-0.2
G27K	Doyon Strip baz=97	67.78 336	P	P	15 02 13.7	-1.0
D27M	Malcolm River comp=Z,10nm,0.9s	67.84 338	I	Amb	15 02 24.5	
D27M	Malcolm River baz=98	67.84 338	P	P	15 02 14.7	-0.4
CRQE	Cirque baz=93	67.91 329	P	P	15 02 15.1	-0.7
MCARA	McCCarthy VSAT baz=93,SNR=6.3	67.91 330	P	P	15 02 15.4	-0.2
E27K	Coleen River, baz=97	67.93 337	P	P	15 02 15.5	-0.1
M26K	Nabesna, AK baz=94	67.96 331	P	P	15 02 15.9	-0.1
DAVA	Damuels comp=Z,7.7nm,0.9s	68.10 46	i	P	15 02 17.2	-0.1
L26K	Log Cabin Wild comp=Z,5.2nm,0.8s	68.16 331	I	Amb	15 02 19.4	
L26K	Log Cabin Wild baz=94,SNR=18	68.16 331	P	P	15 02 17.3	+0.2
GLB	Gilahina Butte comp=Z,16nm,1.1s	68.29 330	I	Amb	15 02 20.1	
J26L	Joseph Creek comp=Z,8.4nm,0.9s	68.35 333	I	Amb	15 02 23.4	
J26L	Joseph Creek baz=94,SNR=9.4	68.35 333	P	P	15 02 18.3	-0.1
FUORN	Openpass-Fuorn FUORN	68.40 46	P	P	15 02 20.3	+1.0
SCRK	Sand Creek baz=93,SNR=22	68.50 332	P	P	15 02 20.2	+0.8
SCRK	Sand Creek baz=93,SNR=22	68.50 332	P	P	15 02 19.2	-0.3
KAIM	Kayak Island baz=91	68.54 328	P	P	15 02 19.4	-0.2
G26K	Porcupine River comp=Z,9.0nm,0.8s	68.63 336	I	Amb	15 02 26.2	
G26K	Porcupine River baz=95	68.63 336	P	P	15 02 20.0	0.0
BMRM	Bremner River baz=92,SNR=7.1	68.66 329	P	P	15 02 19.9	-0.5
N25K	Chitina, Valde baz=92	68.68 330	P	P	15 02 20.0	-0.5
RETA	Reutte comp=Z,8.1nm,0.9s	68.69 45	i	P	15 02 21.7	+0.9
FETA	Feichten comp=Z,6.8nm,0.9s	68.70 46	i	P	15 02 21.4	+0.4
KEST	Kesra comp=Z,7.1nm,0.9s,baz=256,slow=6.1,SNR=4.4	68.71 58	P	P	15 02 21.5	+0.3
KEST	Kesra comp=Z,24nm,1.2s	68.71 58	I	Amb	15 02 40.8	
NB2	NORSAR Subarra comp=Z,9.9nm,1.0s,baz=269,slow=6.5	68.73 31	P	P	15 02 22.6	+1.8
NOA	NORSAR Array B comp=Z,2.7nm,0.8s,baz=269,slow=6.3,SNR=7.6	68.73 31	P	P	15 02 21.9	+1.1
NOA	NORSAR Array B LR	68.73 31	P	P	15 29 34.6	
F26K	Sheerjek River baz=95	68.83 336	P	P	15 02 21.2	-0.1
C27K	Jago River baz=96	68.85 339	P	P	15 02 21.0	-0.4
RIDG	Independent Ri baz=95	68.87 332	P	P	15 02 21.6	-0.1
HARP	HAARP baz=92	68.97 331	P	P	15 02 21.8	-0.4
SQTA	Sankt Quirin comp=Z,5.8nm,1.2s	69.01 46	e	P	15 02 23.1	+0.2
PAX	Paxson comp=Z,1.1nm,0.9s	69.13 331	I	Amb	15 02 22.4	
PAX	Paxson baz=92,SNR=7.3	69.13 331	P	P	15 02 23.2	0.0
J25K	Salcha River, baz=92	69.14 333	P	P	15 02 23.1	-0.2
EYAK	Cordova Ski Ar baz=90	69.22 329	P	P	15 02 23.1	-0.6
PRP	Porcupine Dome baz=92,SNR=22	69.24 334	P	P	15 02 23.4	-0.6
WATA	Walderalm comp=Z,7.7nm,1.4s	69.25 45	e	P	15 02 24.9	+0.5
K24K	Donnelly Stone baz=92,SNR=8.3	69.29 332	P	P	15 02 23.9	-0.3
C26K	Camden Bay baz=95	69.30 339	P	P	15 02 24.0	-0.1
WTTA	Wattenberg comp=Z,3.4nm,0.6s	69.30 45	e	P	15 02 24.5	-0.2
KLU	Klutina comp=Z,1.5nm,0.9s	69.31 330	I	Amb	15 02 30.6	
KLU	Klutina baz=91	69.31 330	P	P	15 02 24.0	-0.4
F25K	Christian River baz=93	69.40 336	P	P	15 02 24.5	-0.4
E25K	Arctic Village comp=Z,7.5nm,0.7s	69.40 337	I	Amb	15 02 26.2	
E25K	Arctic Village baz=94,SNR=16	69.40 337	P	P	15 02 24.7	-0.1
M24K	Tolsona, Glenn baz=91	69.44 330	P	P	15 02 24.7	-0.5
Q23K	Middleton Isla baz=90	69.52 328	P	P	15 02 25.2	-0.4
G25K	Bearman Lake baz=92	69.53 335	P	P	15 02 25.1	-0.5
D25K	Kavik River baz=93	69.77 338	P	P	15 02 27.0	-0.1
ILAR	Eielson Array comp=Z,4.7nm,0.7s,baz=100,slow=4.4,SNR=86	69.80 333	P	P	15 02 26.9	-0.1
ILAR	Eielson Array LR	69.80 333	P	P	15 32 11.9	
HDA	Harding Lake baz=91	69.82 333	P	P	15 02 26.6	-0.8
ABTA	Abfattersbach comp=Z,6.4nm,1.1s	69.94 46	i	P	15 02 28.6	0.0
HFS	Hagfors comp=Z,1.9nm,0.8s,baz=258,slow=4.4,SNR=4.9	69.95 32	P	P	15 02 28.3	0.0
SCM	Sheep Creek Mo baz=90	69.98 330	P	P	15 02 27.5	-1.1
LESA	Schwarzleotal comp=Z,3.1nm,0.7s	69.99 45	e	P	15 02 28.5	-0.4
DHY	Denali Highway comp=Z,3.1nm,1.5s	70.00 331	I	Amb	15 02 33.1	
DHY	Denali Highway baz=90	70.00 331	P	P	15 02 28.3	-0.5
POKR	Poker Flat Res baz=91,SNR=7.0	70.03 334	P	P	15 02 28.6	-0.1
P23K	Montague Islan baz=89	70.04 328	P	P	15 02 28.1	-0.8
G24K	Hadweencic Riv comp=Z,1.1nm,1.3s	70.08 335	I	Amb	15 02 34.8	
G24K	Hadweencic Riv baz=91,SNR=9.7	70.08 335	P	P	15 02 28.0	-1.0
WAT6	Susitna Watana baz=89,SNR=5.7	70.17 331	P	P	15 02 29.2	-0.6
M23K	Glacier View baz=89	70.17 330	P	P	15 02 28.6	-1.0
CCB	Clear Creek Bu CCB	70.19 333	P	P	15 02 29.2	-0.5
COLA	College comp=Z,14nm,1.3s	70.21 333	i	P	15 02 29.8	0.0
COLA	College baz=90	70.21 333	P	P	15 02 28.8	-1.0
H24K	Noodor Dome baz=90,SNR=20	70.23 334	P	P	15 02 28.8	-1.1
F24K	Squaw Lake baz=91	70.25 336	P	P	15 02 30.1	0.0
WRH	Wood River Hill comp=Z,9.2nm,0.9s	70.31 333	P	P	15 02 30.8	+0.4
WRH	Wood River Hill baz=90	70.31 333	I	Amb	15 02 31.6	
KHC	Kasperske Hory KHC	70.45 43	i	P	15 02 31.2	-0.4
KHC	Kasperske Hory comp=Z,5.0nm,1.1s	70.45 43	e	P	15 02 31.5	-0.1
SML	Sawmill comp=Z,30nm,1.3s	70.46 330	P	P	15 02 36.1	
SML	Sawmill baz=89	70.46 330	P	P	15 02 31.2	-0.3
KBA	Koelnbreinspre comp=Z,7.0nm,0.8s	70.47 46	i	P	15 02 31.8	-0.2
PWL	Port Wells baz=86	70.48 329	P	P	15 02 31.3	-0.2
E24K	Yout Creek baz=91	70.49 337	P	P	15 02 31.4	-0.2
KNK	Knik Glacier baz=88	70.53 330	P	P	15 02 31.3	-0.6
WAT1	Susitna Watana baz=88	70.54 331	P	P	15 02 31.7	-0.2
BRG	Berggiesshubel BRG	70.54 42	e	P	15 02 38.4	+6.3
BRG	Berggiesshubel Amp	70.54 42	e	P	15 02 38.9	
GERES	GERES Array B comp=Z,0.8nm,0.7s,baz=257,slow=3.6,SNR=6.4	70.55 44	P	P	15 02 32.6	+0.3
C24K	Franklin Bluff comp=Z,0.8nm,0.7s	70.60 339	P	P	15 02 32.2	+0.1
BIOA	Bad Ischl, Aus comp=Z,8.6nm,1.3s	70.62 45	i	P	15 02 32.9	+0.2
D24K	Happy Valley baz=91	70.63 338	P	P	15 02 32.0	-0.3
MCK	McKinley comp=Z,17nm,1.0s	70.69 332	I	Amb	15 02 33.8	
MCK	McKinley baz=89,SNR=7.0	70.69 332	P	P	15 02 32.6	-0.2
MYKA	Terra Mystica comp=Z,5.2nm,1.3s	70.72 46	e	P	15 02 33.5	+0.1
NEA2	Nenana comp=Z,1.8nm,0.8s	70.73 333	I	Amb	15 02 33.9	
NEA2	Nenana baz=89,SNR=17	70.73 333	P	P	15 02 32.8	-0.3
PMR	Palmer baz=88	70.84 330	P	P	15 02 33.7	0.0
I23K	Minto, Yukon-K comp=Z,1.9nm,1.0s	70.85 334	P	P	15 02 33.3	-0.3
TOLK	Toolik Lake Re baz=90	70.90 337	P	P	15 02 33.5	-0.5
E23K	Chandler baz=90	70.92 337	P	P	15 02 33.8	-0.4
MOA	Motom comp=Z,5.1nm,1.2s	71.02 45	i	P	15 02 35.2	0.0
SEW	Seward baz=87	71.07 328	P	P	15 02 34.9	-0.2
G23K	Bananza Creek comp=Z,19nm,1.0s	71.09 335	I	Amb	15 02 41.0	
G23K	Bananza Creek baz=89	71.09 335	P	P	15 02 35.4	+0.2
COLD	Coldfoot comp=Z,1.6nm,1.0s	71.15 336	I	Amb	15 02 45.7	
COLD	Coldfoot baz=89,SNR=10	71.15 336	P	P	15 02 35.7	+0.2
RC01	Rabbit Creek A baz=87	71.16 329	P	P	15 02 35.0	-0.7
SPITS	Spitsbergen Ar comp=Z,9.3nm,1.0s,baz=349,slow=2.9,SNR=7.7	71.24 12	P	P	15 02 35.1	-0.8
C23K	Ikilik River comp=Z,1.9nm,0.8s	71.26 339	I	Amb	15 02 41.7	
C23K	Ikilik River baz=89,SNR=9.1	71.26 339	P	P	15 02 35.5	-0.6
D23K	Nanushuk River comp=Z,14nm,1.0s	71.30 338	I	Amb	15 02 45.9	
D23K	Nanushuk River baz=89,SNR=7.4	71.30 338	P	P	15 02 36.0	-0.4
TRF	Thorofore Moun baz=88,SNR=18	71.31 332	P	P	15 02 36.2	-0.5
M22K	Wilow baz=87	71.31 330	P	P	15 02 36.4	-0.1
CUT	Chulitna baz=87,SNR=6.8	71.34 331	P	P	15 02 35.9	-0.9
BPAW	Bear Paw Mtn comp=Z,17nm,0.7s	71.58 333	I	Amb	15 02 39.0	
BPAW	Bear Paw Mtn baz=87,SNR=5.8	71.58 333	P	P	15 02 37.9	-0.3
SUA	Susitna One comp=Z,9.3nm,1.0s	71.62 330	P	P	15 02 37.6	-1.0
H22K	Ishtalina Cre baz=87	71.66 334	P	P	15 02 38.3	-0.4
SOKA	Soboth comp=Z,4.4nm,1.2s	71.67 46	e	P	15 02 39.2	+0.1
G22K	Bettles baz=88	71.67 336	P	P	15 02 38.9	+0.2
BRSE	Bradley Lake S baz=88	71.74 328	P	P	15 02 39.0	-0.2
CAPN	Captain Cook N baz=86	71.87 329	P	P	15 02 39.7	-0.2
ARSA	Arzberg comp=Z,5.6nm,1.3s	71.94 45	i	P	15 02 41.2	+0.5
SKT	Skwentna comp=Z,1.1nm,0.8s	71.96 330	I	Amb	15 02 41.3	
SKT	Skwentna baz=86,SNR=8.1	71.96 330	P	P	15 02 40.2	-0.4
D22K	Aiyikyak River comp=Z,9.9nm,0.9s	72.03 338	I	Amb	15 02 46.2	
D22K	Aiyikyak River baz=87	72.03 338	P	P	15 02 40.5	-0.2
CONA	Conrad Observa comp=Z,2.9nm,1.7s	72.08 45	i	P	15 02 42.1	+0.5
CHUM	Lake Minchumim baz=86,SNR=7.7	72.18 332	P	P	15 02 40.7	-1.1
PPLA	Purkeypile baz=86	72.20 331	P	P	15 02 41.4	-0.7
B22K	Teshkepuk Lake baz=87	72.21 339	P	P	15 02 41.3	-0.5
H21K	Melozitna Rive comp=Z,2.0nm,0.9s	72.27 334	I	Amb	15 02 43.4	
H21K	Melozitna Rive baz=86,SNR=18	72.27 334	P	P	15 02 42.0	-0.3
SPU	Mount Spurr comp=Z,1.6nm,1.2s	72.27 330	I	Amb	15 02 43.5	
KRUC	Moravsky Spurr baz=85,SNR=5.3	72.30 43	e	P	15 02 43.0	+0.3
SPUC	Moravsky Spurr baz=85,SNR=5.3	72.35 330	P	P	15 02 42.3	-0.6
VRAC	Vranov comp=Z,29nm,21.8s,baz=292,slow=32	72.40 43	LR		15 30 15.5	
VRAC	Vranov baz=86,SNR=13	72.40 43	e	P	15 02 43.9	+0.6
RONA	Rosalia, Auster comp=Z,5.6nm,1.0s	72.40 45				

6d 15h

2020 JAN

Table with columns: VSU, Vasula, Time, Az, P, Pmax, and various station codes like BOVS, G15K, HERR, etc.

Table with columns: BELG, Code, Station Name, Az, Az', Phase ID, Time, Res, and various station codes like TIXI, TSMU, TSUM, etc.

Table with columns: AOPR, Code, Station Name, Time, Res, and various station codes like Arcobio Observ, Aguadilla, etc.

6d 16h

2020 JAN

NEIC 06 16:02:20.0±1.3, 35°45'0.1"±1.79°3'W, 0.1°1, h10km, 6km, mb4.5/13, Error ellipse: s-maj=21.9km s-min=2.5km az=134.0

NOU 06 16:02:22.3, 35°45'179.16W, h47km, MLv4.8/8, East of North Island, N.Z. WEL 06 16:02:24.6±1.0, 36°5'±18°0'W, h12km, M4.1/12, ML4.1/17, MLv4.1/12, Error ellipse: s-maj=12.7km s-min=5.9km az=110.5, confirmed

ISC 06 16:02:23.6±0.8, 35.435±0.06, 179°26'W, 0.08, h41km, n72, #127/94, mb4.5/13, East of North Island

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists various seismic stations and their recorded data.

RSRPR 06 16:16:15.6, 17°0'N, 66°89'W, h3km, MD2.8/14 NEIC 06 16:16:15.8±1.1, 17.90N, 0°03.66'87W, 0.01, h3km, 6km, ML2.5/24, MD2.8(RSPR), 12C-2D, Error ellipse: s-maj=4.3km s-min=1.4km az=174.0, Puerto Rico region

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists seismic stations for the Puerto Rico region.

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists seismic stations for the 2020 JAN period.

GCG 06 16:27:04.7±0.4, 15°05'N, 92°10'W, h1km, 4km, MD3.6, Presumed earthquake MEX 06 16:27:04.2±0.6, 14°85'N, 92°24'W, h10km, 6km, MD4.0

ISC 06 16:26:60.0±0.2, 14.7N, 0°1.92, 14W, 0.09, h12km, 11km, n13, #169/26, Near coast of Chiapas

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists seismic stations for the GCG and MEX events.

IDC 06 16:29:07.7±1.1, 17°87'N, 66°86'W, h0km, mb3.6/8, mbmp3.6/8, MS3.5/1, Error ellipse: s-maj=27.7km s-min=9.1km az=171.0

OSPPL 06 16:29:08.4±0.3, 17°85'N, 66°89'W, h22km, 3km, ML3.6, Presumed earthquake NEIC 06 16:29:08.9±1.5, 17.92N, 0°02.66'84W, 0.1, h10km, 1km, ML3.9/28, ML3.6(RSPR), Error ellipse: s-maj=4.1km s-min=2.6km az=359.0

RSRPR 06 16:29:09.0, 17°93'N, 66°86'W, h8km ISC 06 16:29:09.1±0.9, 17.92N, 0°04.66'84W, 0.02, h10km, 5km, n52, #69/68, mb3.6/7, 6C-6D, Puerto Rico region

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists seismic stations for the IDC, OSPPL, and RSRPR events.

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists seismic stations for the 2020 JAN period.

IDC 06 16:33:28.9, 3.2, 35°25'S, 179°58'W, h0km, mb3.8/2, mbmp3.8/3, ML3.9/1, Error ellipse: s-maj=74.2km s-min=26.7km az=123.0

NEIC 06 16:33:31.1±1.4, 35°8'S, 0°2.179°6'W, 0.2, h10km, 2km, mb4.4/9, Error ellipse: s-maj=33.8km s-min=18.4km az=148.0

WEL 06 16:33:32.2±1.1, 36°5'±17°9'W, 1°2, h12km, M3.8/6, ML3.8/13, MLv3.8/6, Error ellipse: s-maj=16.4km s-min=7.5km az=112.7, confirmed

ISC 06 16:33:32.8±1.6, 35.395±0.08, 179°3'W, 0.1, h41km, n33, #117/42, mb4.2/7, East of North Island

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Op, ISC, Time, Res, h m s ISC. Lists seismic stations for the IDC, NEIC, WEL, and ISC events.

WB0 comp=Z,6.8nm,1.2s IAMB IAMB 16 42 04.0
PSA00 Pilbara Seismi 54.45 267 P P 16 42 55.5 -0.8
FINES FINES Array B 149.35 336 PKPbc PKPKP 16 53 17.6 +0.1

RSPR 06 16:34:06.3, 17.92N, 66.88W, h6km, MD2.3/11
NEIC 06 16:34:06.3, 1.2, 17.91N, 0.003, 66.87W, 0.01, h10km, 1km,
ML2.7/24, MD2.3/11 (RSPR), 12C-2D, Error ellipse:
s-maj=4.4km s-min=2.1km az=175.0, Puerto Rico
region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like Guanica, Bosqu, Maguieys Islan, Cabo Rojo, etc.

RSPR 06 16:34:46.3, 17.90N, 66.88W, h6km, MD2.9/4
NEIC 06 16:34:46.3, 1.7, 17.90N, 0.003, 66.87W, 0.009, h5km, 4km,
ML3.2/20, MD2.9/4 (RSPR), 7C-3D, Error ellipse:
s-maj=4.8km s-min=1.2km az=183.0, Puerto Rico
region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like Guanica, Bosqu, Maguieys Islan, Cabo Rojo, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like Esperanza - Ma, San Juan, Isla Desecheo, Col San Antoni.

IDC 06 16:35:39.2, 7.2, 18.98S, 176.88W, h0km, mb4.0/2,
mbtmp4.0/2, Error ellipse: s-maj=281.2km
s-min=116.6km az=152.0, Fiji Islands region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Malin Array Be.

AZER 06 16:49:15.6, 38.44N, 44.53E, h4km, ml3.2
TEH 06 16:49:16.2, 38.42N, 44.43E, h10km, 990km, ML2.9,
Presumed earthquake

NSSP 06 16:49:16.1, 38.43N, 44.50E, h10km, Ms3.2
TIF 06 16:49:16.2, 38.38N, 44.53E, h2km, 2km
AFAD 06 16:49:17.3, 38.45N, 44.45E, h10km, 1km, ML2.9
ISK 06 16:49:18.9, 38.42N, 44.42E, h8km, ML3.1/10

ISC 06 16:49:16.5, 1.1, 38.43N, 0.02, 44.50E, 0.02, h5km, 10km,
n71, c202/115, 1C-1D, Turkey-Iran border region

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like Van, Ozalp-Mer, Van, Ozalp, etc.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like ASHA, SEKA, ZAKATA, GABALA, etc.

IDC 06 17:13:01.4, 1.5, 26.36S, 13.85W, h0km, mb4.0/7,
mbtmp4.0/7, MS3.9/33, Error ellipse: s-maj=40.1km
s-min=27.4km az=77.0

NEIC 06 17:13:02.7, 1.2, 26.43S, 0.07, 13.7W, 0.1, h10km, 1km,
mb4.5/17, Error ellipse: s-maj=20.6km s-min=9.9km

GCMT 06 17:13:04.5, 0.2, 26.61S, 0.04, 13.77W, 0.03, h21km, 1km,
MW4.8/76, Moment Tensor Solution, s15, c16; s76, c68;
Duration: 0 Moment tensor; Scale 10^19Nm; Mrr-2.27e-20;
Mtt-0.39e-12; Mtt-1.88e-13; Mtt-0.80e-23; Mtt-0.18e-06;
Mtt-0.97e-19; Best double couple: Mm2.39900e+16
NP1: 0.161, 0.00000, 3.35, 0.00000, -1, -116, 0.00000. NP2:
0.5, 12.00000, 3.59, 0.00000, -1, -73, 0.00000. Principal axes: T
2.0950, P1g13.0000, Azm90.0000; N 0.6120,
P1g15.0000, Azm183.0000; P -2.7030, P1g71.0000;
Azg321.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

ISC 06 17:13:02.7, 0.7, 26.43S, 0.1, 13.78W, 0.1, h10km, n56,
r1510, 25, mb4.3/13, MS3.9/33, Southern Mid-Atlantic
Ridge

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res. Includes stations like ASCENSION HYDR17.31, ASCENSION HYDR13.357, etc.

6d 17h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FINES, PALK, KSRAS.

NEIC 06 17:15:19.7±0.9, 17:87N±0.03±66.78W±0.01, h12km±3km, ML3.2/22, MD3.0/13(RSPF), Error ellipse: s-maj=4.6km s-min=1.6km az=17.0

RSPR 06 17:15:20.0, 17:88N±66.79W, h6km, MD3.0/13 ISC 06 17:15:20.2, 17:89N±0.05±66.78W±0.02, h13km±6km, n36, c047/56, 10C-4D, Puerto Rico region

Main table for 6d 17h section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists various stations like GBPR, OBIP, CRPR, etc.

ISC 06 17:16:01.3±15.0, 23:86S±179.44W, h312km±150km, mb3.4/6, mbtmp4.1/6, Error ellipse: s-maj=52.3km s-min=37.7km az=48.0

NEIC 06 17:16:16.4±0.9, 24:1S±0.2±179.7W±0.2, h473km±15km, mb4.3/15, Error ellipse: s-maj=30.4km s-min=13.3km az=216.0

Table for 6d 17h section, second part, with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like MSVF, NIUE, etc.

2020 JAN

Table for 2020 JAN section, top part, with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like QSPA, XSPA, HFS, BRTR.

ISC 06 17:28:23.2±2.7, 6:18S±101.07E, h60km±25km, mb3.4/5, mbtmp3.9/10, ML3.8/5, Error ellipse: s-maj=4.2km s-min=19.2km az=83.0

ISC 06 17:28:22.2±0.8, 6:30S±0.05±131.0E±0.1, h62km±15, c336/16, mb3.7/5, Banda Sea ML3.3/10

Table for 2020 JAN section, middle part, with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like SAUI, BNDI, FAKI, etc.

ISC 06 17:52:38.3±0.7, 27:53N±139.99E, h350km±7km, mb3.3/21, mbtmp4.0/23, Error ellipse: s-maj=16.8km s-min=12.4km az=64.0

JMA 06 17:52:45.0±1.0, 2:28°N±2.14°E, h418km, MV3.8/20, W OFF OGASAWARA

ISC 06 17:52:44.0±0.6, 27:75N±0.08±140.1E±0.1, h400km±n38, c1848/40, mb3.6/21, Bonin Islands region

Main table for 2020 JAN section, bottom part, with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists various stations like CBIJ, JJCJ, JHHZ, etc.

360

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TXAR, LPAZ.

ATH 06 17:57:07.9, 36:03N±22.47E, h9km±2km, ML3.3/7, Manual Solution by A.Papageorgiou/First Location: 2020/01/06 17:58:29, This location: 2020/01/06 18:13:09 ML

Amplitudes are expressed in micrometers. All distances are expressed in degrees Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

THE 06 17:57:08.5, 36°N±9°±2E±1, h0km±5km, M3.1/10, ML3.3/10

ISC 06 17:57:13.8±3.7, 36°16N±22.43E, h65km±35km, mb3.4/8, mbtmp3.6/12, ML2.7/3, MS3.5/3, Error ellipse: s-maj=51.3km s-min=20.0km az=11.0

ISC 06 17:57:08.0±1.3, 36:03N±0.05±22.47E±0.04, h15km±9km, n40, c088/47, mb3.8/8, MS3.6/3, Southern Greece ML3.3/10

Table for 360 section, middle part, with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like KTHA, NPS1, ANKY, etc.

AFAD 06 17:58:26.1, 38°45N±44.143E, h7km±2km, ML2.9

AZER 06 17:58:26.9, 38°55N±44.52E, h5km, ml3.0

ISK 06 17:58:27.5, 38°43N±44.49E, h9km, ML2.9/10

TIF 06 17:58:27.3, 38°44N±44.47E, h15km±2km

TEH 06 17:58:28.3, 38°44N±44.57E, h10km±89km, ML2.9, Presumed earthquake

ISC 06 17:58:25.5±1.1, 38:46N±0.02±44.53E±0.02, h1km±10km, n63, c176/96, Turkey-Iran border region

Table for 360 section, bottom part, with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like OZAP, TVAN, VANB, etc.

NEIC 06 19:27:04.0-4.0, 17.91N:0.03-66.84W:0.01, h10km, 1km, ML3.0/24, Md3.1/10(RSPR), Error ellipse: s-maj=4.6km

s-min=2.8km az=358.0

RSPR 06 19:27:04.7, 17.94N:66.85W, h6km, MD3.1/10

ISC 06 19:27:03.8-1.5, 17.89N:0.06-66.84W+0.02, h16km, 7km, n38, c0.45/53, 14C, Puerto Rico region

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

RSPR 06 19:50:56.9, 17.89N:66.79W, h7km, 1D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for Puerto Rico region.

OSPL 06 19:51:41.9-0.4, 17.86N:66.94W, h20km, 5km, ML1.8, Presumed earthquake

RSPR 06 19:51:42.4, 17.92N:66.90W, h7km, MD2.1/4

ISC 06 19:51:41.8-1.3, 17.90N:0.06-66.90W+0.03, h13km, 7km, n16, c0.56/32, 4C-6D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for Puerto Rico region.

Table with columns: SJG, San Juan, 0.74 73, P, Pg, 19 51 56.0 -0.2, 19 52 06.8 +0.9, 19 52 07.5. Includes station names like San Juan, Guaynabo City, Col San Antoni.

CRAAG 06 19:57:04.0, 36.02N:0.43E, ML3.5, Algrie 08km NE Sour

MDD 06 19:57:10.3-1.1, 36.27N:0.50W, h0km, mb_Lg2.2/19, Error ellipse: s-maj=8.3km s-min=5.5km az=140.0

ISC 06 19:56:58.6-1.3, 36.13N:0.04-0.03W+0.03, h10km, 11km, n28, c1.60/38, Western Mediterranean Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for Western Mediterranean Sea.

IDC 06 20:09:23.4-4.7, 3.33N:128.12E, h93km, 51km, mb3.3/5, mbmp3.7/6, Error ellipse: s-maj=63.4km s-min=19.5km

ISC 06 20:09:22.6-1.1, 3.4N:0.2-128.0E+0.3, h84km, n6, c1.925/7, mb3.7/5, North of Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for North of Halmahera.

JMA 06 20:11:47.0-2.0, 28.1N:0.3-128.0E+0.4, h15km, 1km, MD4.3/16, MV3.8/16, NW OFF OKINAWA/JMS

NIED 06 20:11:47.4, 28.10N:127.98E, h15km, MW4.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^19Nm

IDC 06 20:11:47.7-0.7, 27.97N:128.01E, h0km, mb3.8/12, mbmp3.8/15, ML3.3/23, MS3.8/48, Error ellipse: s-maj=24.4km s-min=11.4km az=75.0

NEIC 06 20:11:49.6-2.4, 27.96N:0.04-128.09E+0.08, h10km, 1km, mb4.5/14, Error ellipse: s-maj=12.4km s-min=7.6km

ISC 06 20:11:48.9-1.4, 28.00N:0.03-128.07E+0.04, h9km, 9km, n97, c1.935/65, mb4.2/20, MS3.8/41, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for Ryukyu Islands.

Table with columns: JUNU, Nakatsue, 5.65 25, Pn, 20 13 16.8 +3.7, 20 13 30.4 +0.6, 20 13 41.6 +1.9, 20 13 41.0 +0.3, 20 17 53.9. Includes station names like Nakatsue, JMN, Monobe, SSSL, Sunanglung, KRSR, Korea Array.

ISC 06 20:11:48.9-1.4, 28.00N:0.03-128.07E+0.04, h9km, 9km, n97, c1.935/65, mb4.2/20, MS3.8/41, Ryukyu Islands

ISC 06 20:11:48.9-1.4, 28.00N:0.03-128.07E+0.04, h9km, 9km, n97, c1.935/65, mb4.2/20, MS3.8/41, Ryukyu Islands

ISC 06 20:11:48.9-1.4, 28.00N:0.03-128.07E+0.04, h9km, 9km, n97, c1.935/65, mb4.2/20, MS3.8/41, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for Ryukyu Islands.

6d 20h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SCQH Schefferville, MBAR Mbarara, ESDC Sonseca Array.

MDD 06 20:22:52.0±1.9, 36.44N, 9.96W, h40km, mb_Lg2.3/4, Error ellipse: s-maj=13.9km s-min=13.6km az=130.0, SFS 06 20:22:53.1, 36.43N, 9.85W, h37km, ML2.8/6, ML2.9/6, ML2.8/6, INMG 06 20:22:54.7, 36.49N, 9.87W, h31km, ML1.5, Error ellipse: s-maj=7.7km s-min=5.5km az=70.0, #DIST RANGE: REGIONAL #PMA_REGION: SW Cabo S. Vicente, IIGIL 06 20:22:55.1, 36.48N, 9.83W, h31km, ML1.2, CNRM 06 20:22:56.2, 36.36N, 9.06W, h2km, ISC 06 20:22:51.2, 1.7, 36.43N, 0.04, 9.88W, 0.09, h64km, 22km, n39, c1941/65, 2C-10, West of Gibraltar

Main table of station data with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations like PVFI Vila Bisbo, MORF Marnelete, PTEO Sao Teotonio, etc.

RSPR 06 20:23:18.3, 17.92N, 66.88W, h7km, MD2.8/13, NEIC 06 20:23:18.1±0.9, 17.90N, 0.03, 66.88W, 0.01, h11km±1km, ML2.9/24, MD2.8/13(RSPR), 1C-9D, Error ellipse: s-maj=4.2km s-min=1.5km az=176.0, Puerto Rico region

Table of station data for Puerto Rico region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Islan, etc.

2020 JAN

Main table of station data for 2020 JAN with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CRPR Cabo Rojo, PR, OBIP Obispo Ponce, etc.

IDC 06 20:25:05.0±1.4, 38.93N, 88.81E, h0km, mb3.7/4, mbmp3.6/7, ML2.6/3, Error ellipse: s-maj=47.8km s-min=20.5km az=57.0, ISC 06 20:25:10.3±1.2, 39.00N, 0.1, 88.7E, 0.2, h35km, n10, c0591/12, mb3.7/4, 2C-4D, Xunthun Xinjiang

Table of station data for Xunthun Xinjiang region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, etc.

TUN 06 20:25:31.4, 32.13N, 10.31E, h0km, MD4.0, Tunisia, Code Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MEDT Meda, BERT Berda, etc.

SDD 06 20:39:15.1±1.1, 17.87N, 66.84W, h12km±25km, MD3.2, ML3.1, MW3.1, Presumed earthquake, NEIC 06 20:39:15.6±0.9, 17.91N, 0.04, 66.883W, 0.004, h10km±1km, ML3.2/20, MD2.7/14(RSPR), Error ellipse: s-maj=7.7km s-min=2.6km az=1.0, RSPR 06 20:39:15.7, 17.92N, 66.89W, h7km, MD2.7/14, OSPL 06 20:39:15.4±0.3, 17.87N, 66.91W, h17km±5km, ML2.8, Presumed earthquake, ISC 06 20:39:14.9±1.0, 17.90N, 0.04, 66.87W, 0.02, h11km±5km, n60, c047/98, 16C-12D, Puerto Rico region

Table of station data for Puerto Rico region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Islan, etc.

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Main table of station data for 364 with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLPR Magueyes Islan, CRPR Cabo Rojo, PR, etc.

IDC 06 20:46:21.5±1.0, 15.75N, 119.50E, h0km, mb3.9/9, mbtmp3.8/10, ML4.1/1, MSZ.6/1, Error ellipse: s-maj=45.9km s-min=18.9km az=65.0, NEIC 06 20:46:23.4±1.5, 15.88N, 0.09, 119.63E, 0.09, h10km±1km, mb4.4/10, Error ellipse: s-maj=19.0km s-min=8.3km az=43.0, ISC 06 20:46:22.9±0.6, 15.83N, 0.09, 119.6E, 0.1, h10km±25, c077/25, mb4.2/13, Luzon

Table of station data for Luzon region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KKM Kota Kinabalu, LUWI Luwuk, CM31 Chiang Mai Arr, etc.

6d 21h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for GBPR Guánica, BOBIP Obispo Ponce, LSP Las Mesas, etc.

RSPR 06 21:07:48.4, 17.88N-66.78W, h6km
OSPL 06 21:07:48.8-0.3, 17.86N-66.81W, h20km, 6km, ML2.1,

5C-3D, Presumed earthquake, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for GBPR Guánica, BOBIP Obispo Ponce, CRPR Cabo Rojo, etc.

IDC 06 21:10:12.2, 1.2, 101.84N-84.71W, h0km, mb3.9/4,
mbmp3.9/4, Error ellipse: s-maj=35.6km s-min=8.4km

CATAC 06 21:10:15.7, 0.2, 101.84N-84.71W, h27km, 1km, M4.1/22,

UCR 06 21:10:15.7, 0.9, 101.15N-85.30W, h37km, 4km, MW4.1,

ISC 06 21:10:15.6-0.9, 10.13N-0.02-85.25W, 0.02, h33km, 2km,

n136, s101/160, mb3.8/4, 20C-42D, Costa Rica

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for CMARA Lajas Hojanca, INVE Universidad In, etc.

2020 JAN

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for SVQ2 Quepos, QUEP Quepos, LCR4 La Lucha 2, etc.

HVO 06 21:19:02.4, 0.9, 19.22N-0.06-155.42W, 0.04, h34km, 7km,

NEIC 06 21:19:00.6-0.9, 19.23N-0.03-155.44W, 0.02, h42km, 2km,

s-min=2.7km az=170.0, Hawaiian Islands

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for HTC Hot Caves, WOH Wood Valley, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for OVEH, MLOA Mauna Loa Obse, MLOA, etc.

IDC 06 21:21:16.3, 1.8, 24.17N-66.67W, h177km, 23km, mb3.4/1,

SJA 06 21:21:16.6, 0.8, 24.00S-66.94W, h204km, 5km, ML3.7,

NEIC 06 21:21:17.8, 1.1, 24.04S-0.09-67.1W, 0.2, h222km, 16km,

GUC 06 21:21:16.6, 0.6, 23.28S-66.91W, h193km, 9km, ML4.0,

ISC 06 21:21:16.4, 0.7, 24.08S-0.04-66.98W, 0.04, h208km, 7km,

n79, s161/102, 8C-2D, Salta Province

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for SALTA, SALTA, SALTA, etc.

6d 21h

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details for various stations.

2020 JAN

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details for various stations.

368

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for various stations.

Table with columns: Station Name, Location, Time, Azimuth, Phase ID, Time Res, Res. Includes stations like KANR, MNGR, DVE, IML, SIZA, etc.

CRAAG 06 21:56:42.9, 34:72N; 1.85W, MI2.8, Algrie 19km SW Maghnia

MDD 06 21:56:44.0, 0.9, 34:70N; 1.88W, h9km, 6km, Mb3.6/12, M_m02.8/12, Error ellipse: s-maj=7.0km s-min=4.2km az=158.0

CNRM 06 21:56:46.1, 34:89N; 1.99W, h17km, ML2.7

ISC 06 21:56:43.9, 1.4, 34.84N, 0.003, 1.87W, 0.03, h9km, 11km, n20, c1825/35, 7C, Northern Algeria

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, Res. Includes stations like OBBL, TAF, OLHC, etc.

NEIC 06 22:05:06.1, 1.1, 17:86N; 0:03:66.78W, 0:02, h18km, 1km, ML2.9/24, Md2.9(RSPR), Error ellipse: s-maj=4.8km s-min=2.2km az=185.0

OSPL 06 22:05:06.9, 0.3, 17:84N; 66:81W, h19km, 5km, ML2.6, Presumed earthquake

RSPR 06 22:05:07.4, 17:92N; 66:79W, h6km, MD2.9/8

ISC 06 22:05:07.0, 1.0, 17:91N; 0:05:66.79W, 0:02, h16km, 7km, n36, c057/58, 9C-4D, Puerto Rico region

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

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

RSPR 06 22:07:09.0, 17:92N; 66:83W, h8km, 5C-4D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, Res. Includes stations like GBPR, OBIP, CRPR, etc.

OSPL 06 22:07:21.9, 0.3, 17:87N; 66:87W, h19km, 4km, ML2.1, Presumed earthquake

RSPR 06 22:07:22.1, 17:92N; 66:86W, h8km, MD2.8/7, 1C-8D, Puerto Rico region

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

DJA 06 22:24:29.8, 0.6, 8.3, 107E; h11km, 3km, M4.0/12, mb4.6/3, MLV3.8/12, Jawa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, Res. Includes stations like BBJI, CNJI, DBJI, etc.

RSPR 06 22:31:50.6, 17:89N; 66:80W, h6km, 3C-1D, Puerto Rico region

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

Table with columns: OBIP, OBIP, CRPR, LSP, AOPR, AOPR. Includes station names and values.

MOS 06 22:31:51.3, 0.9, 11:32S; 118:46E, h10km, mb5.2/55, MS4.7/4, Error ellipse: s-maj=9.8km s-min=5.0km az=113.7

IDC 06 22:31:51.8, 0.4, 11:27S; 118:53E, h0km, mb4.9/28, mbmp4.9/32, ML5.0/4, MS4.3/53, Error ellipse: s-maj=14.7km s-min=10.2km az=7.0

BUJ 06 22:31:51.0, 11:40S; 118:40E, h10km, mb5.3/40, mb5.0/69, MS4.9/60, MS7.4/761

DJA 06 22:31:52.6, 0.8, 11:52S; 118:22E, h12km, 6km, M5.2/91, mb5.7/60, mb5.5/91, MLV5.6/24, MW5.1/122, MW(mb)5.2/60, MwMwp5.0/34, Mwp5.3/34

NEIC 06 22:31:53.4, 11:61S; 118:29E, h20km, Moment Tensor Solution. Duration: 266 Moment tensor: Scale 10^17Nm; Mm-1.12; Mm0.92; Mm0.20; Mm0.16; Mm0.39; Mm0.024; Fault plane solution: M1.14000x10^17 Np1.703551000; 839.30000; -78.64000; NP2.023895000; 65.162000; 1.8916000; Principal axes: T 1.12121; P 6.00000; Azm335.0000; N 0.0430; P 167.0000; Azm245.0000; P -1.1651; P 160.0000; Azm106.0000;

NEIC 06 22:31:53.4, 11:31S; 118:49E, h20km

GFZ 06 22:31:53.4, 11:51S; 118:36E, h11km, Mw5.2 Moment Tensor Solution. s28 Moment tensor: MM=5.96; Mm0.509; Mm0.88; Mm0.63; Mm0.388; Mm-0.10; Fault plane solution: NP1.054.00000; 843.00000; 1.96.00000; NP2.024.00000; 847.00000; 7.82.00000; Principal axes: T 7.4100; P 162.0000; Azm329.0000; N -1.4000; P 100.0000; Azm60.0000; P -0.0200; P 164.0000; Azm21.70000; P 162.0000;

NEIC 06 22:31:53.4, 11:31S; 0:07:118.49E, 0:07, h10km, 1km, mb5.3/10, Mw5.3/35 Error ellipse: s-maj=12.9km s-min=10.3km az=207.0

GCMT 06 22:31:56.4, 0.1, 11:43S; 0:01:118:42E, 0:01, h12km, Mw5.2/16, Moment Tensor Solution. s93, c153; s116, c222; Duration: 1s0 Moment tensor: Scale 10^17 Nm; Mm-0.692; 0.1; Mm0.692; 0.1; Mm0.002; 0.1; Mm0.372; 0.3; Mm0.482; 0.1; Mm0.062; 0.4; Best double couple: M0.90000x10^17 Np1.054.00000; 835.00000; 7.82.00000; NP2.025.00000; 858.00000; 7.76.00000; Principal axes: T 1.0110; P 162.0000; Azm334.0000; N -0.2220; P 162.0000; Azm66.0000; P -0.7800; P 173.0000; Azm200.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 06 22:31:52.9, 0.6, 11:40S; 0:03:118:44E, 0:04, h11km, 3km, h11km; PP-P.n620, c1971/590, mb5.2/164, MS4.5/76, 18C-11D, South of Sumbawa

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, Res. Includes stations like WBSP, BASI, WSI, etc.

BATI Baumata 5.27 77 Pn Sn 22 33 11.2 -0.5

BATI 74nm, 0.3s, baz=95, slow=2.9, SNR=30

BATI Baumata 5.27 77 Pn Sn 22 33 12.1 +0.4

ABJI Asem Bagus 5.48 310 Pn Sn 22 33 14.5 0.0

BSSI Bau Bau, Buton 5.61 21 Pn Sn 22 33 18.1 +1.8

GMJI Gumukmas 5.82 302 Pn Sn 22 33 17.4 -1.8

SOEI Soe 5.96 75 Pn Sn 22 33 22.9 +0.6

SOEI Soe 5.96 75 Pn Sn 22 33 22.7 +1.4

SOEI Soe 5.96 75 Pn Sn 22 33 21.9 +0.6

BLMI Banyuglugur 6.00 307 Pn Sn 22 33 20.9 -0.8

KALI Kalianget 6.18 314 Pn Sn 22 33 25.7 +1.6

KAPI Kappang 6.48 12 Pn Sn 22 33 27.7 -0.6

KAPI 55nm, 0.3s, baz=172, slow=8.8, SNR=28

KAPI 25nm, 0.3s, baz=269, slow=24, SNR=12

KAPI comp=Z_5um, 18.6s, baz=191, slow=43 LR

KAPI Kappang 6.48 12 Pn Sn 22 33 30.3 +2.0

KAPI Kappang 6.48 12 Pn Sn 22 33 30.7 +2.4

KAPI Kappang 6.48 12 Pn Sn 22 33 30.3 +2.0

KAPI Kappang 6.48 12 Pn Sn 22 33 30.6 +2.3

SNJI Sawahan-Nganju 7.50 298 Pn Sn 22 33 43.7 +1.2

SJI Sidrap Palu 7.51 10 Pn Sn 22 33 44.8 +2.4

SPI Sawahan 7.52 298 Pn Sn 22 33 42.5 -0.2

PCJI Pacitan 7.83 293 Pn Sn 22 33 45.0 -1.9

KKSI Kojaka, Sulawesi 7.86 24 Pn Sn 22 33 48.3 +1.1

PMSI Malene 7.86 3 Pn Sn 22 33 49.3 +2.0

TBJI Tambak Boyo 7.94 304 Pn Sn 22 33 48.9 +0.5

NGJI Ngawi 7.96 300 Pn Sn 22 33 49.5 +0.8

TTSI Tana Toraja 8.41 9 Pn Sn 22 33 58.3 +3.4

UGM Wanagama 8.54 293 Pn Sn 22 33 56.0 -0.7

UGM Wanagama 8.54 293 Pn Sn 22 33 56.5 0.0

UGM Wanagama 8.54 293 Pn Sn 22 33 55.4 -1.2

BBKI Banjar Baru 8.66 335 Pn Sn 22 33 59.1 +1.9

YOGI Yogyakarta 8.78 293 Pn Sn 22 33 59.0 -1.0

SMRI Semarang 9.00 298 Pn Sn 22 34 02.3 -0.6

SMRI Semarang 9.00 298 Pn Sn 22 34 04.2 +1.3

SMRI Semarang 9.00 298 Pn Sn 22 34 03.0 +0.1

FITZ Fitriy Crossi 9.63 135 Pn Sn 22 34 09.6 -2.0

FITZ 46nm, 0.3s, baz=326, slow=9.3, SNR=144

FITZ 46nm, 0.3s, baz=179, slow=15, SNR=11 LR

FITZ comp=Z_4um, 21.2s, baz=326, slow=37 LR

MWBA Marble Bar 9.78 173 Pn Sn 22 34 11.4 -2.3

MWBA Marble Bar 9.78 173 Pn Sn 22 34 10.7 -2.9

MWBA Marble Bar 9.78 173 Pn Sn 22 34 11.7 -1.9

CTJI Waduk Cacaban 10.12 295 Pn Sn 22 34 17.8 -0.5

comp=Z_225nm, 0.7s

PSA00 Pilbara Seismi 10.20 173 Pn Sn 22 34 16.9 -2.6

PSA00 Pilbara Seismi 10.20 173 Pn Sn 22 34 17.0 -2.4

PSA00 Pilbara Seismi 10.21 292 Pn Sn 22 34 18.5 -1.1

comp=Z_4um, comp=Z_2, 220nm, 0.5s

PCI Palu 10.52 8 Pn Sn 22 34 25.2 +1.4

comp=Z_3um, comp=Z_175nm, 0.9s

APSI Ampunara 10.90 173 Pn Sn 22 34 31.8 +2.8

comp=Z_1um, comp=Z_158nm, 0.9s

KNRA Kunurra 11.90 114 Pn Sn 22 34 27.5 -1.4

6d 22h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KNRA, LUWI, BBJJ, MPSI, CNJI, GIRL, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NWAOW, SMPI, QIS, MNSI, PBSI, RKGY, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like GYA, KMI2, TNCH, PALK, WHN, ENH, etc.

LSA	Lhasa	48.60 328	P	P	22 40 33.1	-4.2
LSA	comp=Z,26nm,0.8s					
LSA	LR	LR				
LSA	comp=Z,240nm,18.7s					
LSA	LR	LR				
LSA	comp=Z,370nm,15.5s					
LSA	LR	LR				
LSA	comp=Z,470nm,14.8s					
LSA	Lhasa	48.60 328	P	P	22 40 37.4	+0.1
HNS	HongShan	48.67 356	P	P	22 40 39.7	+2.6
HNS	comp=Z,5.0nm,0.9s					
HNS	comp=Z,310nm,7.2s					
HNS	LR	LR				
HNS	comp=Z,710nm,15.9s					
HNS	LR	LR				
HNS	comp=Z,260nm,20.3s					
HNS	LR	LR				
HNS	comp=Z,840nm,14.9s					
HYB	Hyderabad	48.71 305	eP	P	22 40 37.2	-0.6
HYB	comp=Z,1.05nm,21.1s,baz=248,slow=35					
BLSP	Bilaspur	48.72 313	eP	I	22 40 32.1	-5.7
BLSP	I	I				
JHJ	Hachijo jima 2	48.73 24	LR	LR	23 00 27.8	
JHJ	comp=Z,1.18nm,21.1s,baz=248,slow=35					
LZDM	Lanzhou Array	49.12 344	P	P	22 40 40.8	-0.2
LZDM	comp=Z,1.8nm,0.7s,baz=185,slow=14,SNR=60					
LZDM	LR	LR				
LZDM	comp=Z,292nm,21.7s,baz=145,slow=37					
LZDM	comp=Z,1.8nm,0.7s					
TIY	Taiyuan	49.18 354	eP	P	22 40 44.0	+2.9
TIY	comp=Z,180nm,3.7s					
TIY	comp=Z,280nm,19.9s					
TIY	LR	LR				
TIY	comp=Z,230nm,19.9s					
TIY	LR	LR				
TIY	comp=Z,340nm,19.2s					
TIY	LR	LR				
RTZ	Lanzhou	49.20 344	eP	P	22 40 41.6	+0.2
LZH	comp=Z,2.7nm,1.6s					
LZH	comp=Z,300nm,4.7s					
LZH	LR	LR				
LZH	comp=Z,550nm,18.4s					
LZH	LR	LR				
LZH	comp=Z,490nm,19.4s					
LZH	LR	LR				
LZH	comp=Z,940nm,18.7s					
KSAR	Wonju Array Be	49.39 10	P	P	22 40 42.5	-0.1
KSAR	Wonju Array Be	49.39 10	P	P	22 40 42.5	-0.1
KSRS	Korea Array	49.41 10	P	P	22 40 41.7	-1.0
KSRS	comp=Z,5.0nm,0.7s,baz=188,slow=8.0,SNR=20					
KSRS	comp=Z,3.5nm,0.7s,baz=184,slow=3.1,SNR=6.0					
KSRS	LR	LR				
KSRS	comp=Z,260nm,20.9s,baz=190,slow=37					
KSRS	comp=Z,5.0nm,0.7s					
MNGI	Mangalore	49.52 298	eP	P	22 40 38.8	-5.2
DL2	Dalian	50.13 3	P	P	22 40 46.2	-2.0
DL2	comp=Z,57nm,1.0s					
DL2	comp=Z,320nm,5.5s					
DL2	LR	LR				
DL2	comp=Z,890nm,20.6s					
DL2	LR	LR				
DL2	comp=Z,570nm,20.3s					
DL2	LR	LR				
DL2	comp=Z,850nm,21.8s					
NGP	Naapur	50.45 310	eP	P	22 40 47.0	-4.0
ALBI	Allahabad	51.05 316	eP	P	22 40 49.9	-5.5
MAJO	Matsushiro	51.20 20	P	P	22 40 54.4	-2.0
MAJO	Matsushiro	51.20 20	P	P	22 40 58.9	+2.5
MAJO	Matsushiro	51.20 20	iP	P	22 40 56.0	-0.4
MAJO	comp=Z,7.0nm,0.8s					
MJAR	Matsushiro Arr	51.20 20	P	P	22 40 54.5	-1.9
MJAR	comp=Z,8.5nm,0.8s,baz=193,slow=7.9,SNR=21					
MJAR	comp=Z,2.8nm,0.7s,baz=170,slow=5.2,SNR=4.6					
MJAR	LR	LR				
MJAR	comp=Z,196nm,21.9s,baz=182,slow=35					
MJAR	comp=Z,8.5nm,0.8s					
BJJ2	Beijing	51.20 358	P	P	22 40 55.5	-0.8
BJJ2	comp=Z,6.0nm,0.7s					
BJJ2	comp=Z,96nm,4.8s					
BJJ2	LR	LR				
BJJ2	comp=Z,340nm,14.7s					
BJJ2	LR	LR				
BJJ2	comp=Z,180nm,13.1s					
BJJ2	LR	LR				
BJJ2	comp=Z,330nm,14.1s					
BJT	Baijiatou	51.20 358	P	P	22 40 53.7	-2.6
BJT	Baijiatou	51.20 358	P	P	22 40 58.5	+2.2
BJT	Baijiatou	51.20 358	P	P	22 40 53.7	-2.6
BJT	comp=Z,110nm,0.7s					
AKL	Akola	51.73 308	eP	P	22 40 55.6	-5.1
KAD	Karad	52.21 302	eP	I	22 40 59.0	-5.3
KAD	I	I				
GOMU	GeErMu	52.33 336	P	P	22 41 05.5	+0.2
GOMU	comp=Z,1.1nm,0.8s					
GOMU	comp=Z,610nm,15.5s					
GOMU	LR	LR				
GOMU	comp=Z,390nm,17.0s					
GOMU	LR	LR				
GOMU	comp=Z,950nm,16.3s					
HHC	Hu-ho-hao-te	52.37 353	eP	P	22 41 08.4	+3.2
HHC	comp=Z,3.0nm,0.7s					
BT02	Baotou	52.48 352	eP	P	22 41 05.8	-0.2
BT02	comp=Z,16nm,0.7s					
BT02	comp=Z,280nm,4.1s					
BT02	LR	LR				
BT02	comp=Z,910nm,20.6s					
BT02	LR	LR				
BT02	comp=Z,580nm,12.2s					
BT02	LR	LR				
JSD	Sado	52.57 20	P	P	22 41 04.4	-2.1
JSD	comp=Z,24nm,0.7s					
JSD	comp=Z,224nm,0.7s					
JSD	comp=Z,224nm,0.7s					
NRDN	NARMADA NAGAR	52.77 310	eP	P	22 41 03.8	-4.6
BHPL	Bhopal	52.88 311	eP	P	22 41 03.3	-5.9
BHPL	comp=Z,45nm,1.9s					
POO	Poona	53.09 304	eP	P	22 41 05.7	-5.2
SNY	Shenyang	53.17 5	iP	P	22 41 09.7	-1.2
SNY	comp=Z,15nm,1.1s					
SNY	comp=Z,150nm,5.3s					
SNY	comp=Z,280nm,14.2s					
SNY	comp=Z,200nm,13.7s					
SNY	comp=Z,450nm,16.1s					
JHNI	Jhansi	53.36 314	eP	I	22 41 07.2	-5.5
JHNI	comp=Z,39nm,1.9s					

GTA2	Gaotai	53.53 342	P	P	22 41 13.2	-0.6
GTA2	comp=Z,39nm,0.8s					
GTA2	LR	LR				
GTA2	comp=Z,510nm,19.5s					
GTA2	LR	LR				
GTA2	comp=Z,350nm,15.9s					
GTA2	LR	LR				
GUNA	GUNA	53.78 312	eP	P	22 41 10.5	-5.3
LGTI	Lohaghat	54.90 319	eP	I	22 41 18.2	-5.8
LGTI	I	I				
PTH	Pithoragarh	54.94 319	eP	P	22 41 18.7	-5.7
CN2	Changchun	55.31 6	eP	P	22 41 29.7	+3.2
CN2	comp=Z,10.0nm,0.6s					
TKRD	Thakurdwara	55.54 317	eP	P	22 41 24.4	-4.0
MERT	Meerut	56.17 317	eP	P	22 41 26.8	-6.2
AYAN	Aya Nagar	56.28 316	eP	P	22 41 28.3	-5.5
NPLP	NPLP New Delhi	56.35 316	eP	P	22 41 28.8	-5.5
UDPR	Udaipur	56.43 310	eP	P	22 41 29.7	-5.2
MDJ	Mudanjiang	56.66 10	I	I	22 41 38.2	+2.0
MDJ	comp=Z,2.2nm,0.7s					
MDJ	comp=Z,23nm,0.8s					
MDJ	LR	LR				
MDJ	comp=Z,280nm,6.9s					
MDJ	LR	LR				
USRK	Ussuriysk Ar.	56.69 12	P	P	22 41 35.7	-0.7
USRK	comp=Z,8.4nm,0.5s,baz=182,slow=6.5,SNR=41					
USRK	comp=Z,8.4nm,0.5s					
AJM	Ajmer	56.80 312	eP	P	22 41 32.1	-5.5
BNX	BinXian	57.45 7	iP	P	22 41 40.8	-0.9
BNX	comp=Z,8.0nm,2.1s					
SMLA	Simla	57.93 318	eP	P	22 41 39.8	-5.6
RTZ	Ratuhana	58.47 128	P	I	22 41 49.1	-0.2
RTZ	comp=Z,74nm,1.5s					
URZ	Urewera	58.50 128	LR	LR	23 05 27.7	
URZ	comp=Z,91nm,21.6s,baz=290,slow=34					
ASAJ	Asahikawa	59.46 20	LR	LR	23 08 09.4	
ASAJ	comp=Z,90nm,20.3s,baz=226,slow=37					
ULN	Ulaanbaatar	59.87 351	P	P	22 41 57.7	-1.0
ULN	Ulaanbaatar	59.87 351	eP	P	22 41 58.6	-0.1
ALCI	Alchi Leh	59.94 321	eP	I	22 41 54.2	-5.6
ALCI	comp=Z,42nm,1.9s					
SONM	Songino Array	59.94 351	P	P	22 41 58.8	-0.4
SONM	comp=Z,1.2nm,0.7s,baz=170,slow=9.0,SNR=102					
SONM	comp=Z,8.0nm,0.7s,baz=170,slow=5.5,SNR=5.1					
SONM	LR	LR				
SONM	comp=Z,397nm,18.3s,baz=180,slow=40					
SONM	comp=Z,12nm,0.7s					
HIA	Hailar	60.41 1	P	P	22 42 02.1	-0.2
HIA	Hailar	60.41 1	P	P	22 42 02.1	-0.2
HIA	comp=Z,8.0nm,0.7s					
HILR	Hailar Array B	60.70 1	P	P	22 42 04.2	-0.1
HILR	comp=Z,39nm,0.7s,baz=183,slow=9.6,SNR=21					
HILR	comp=Z,39nm,0.7s					
WMQ	Urumqi	61.68 335	iP	P	22 42 11.9	+0.9
WMQ	comp=Z,37nm,0.7s					
WMQ	comp=Z,250nm,4.1s					
WMQ	LR	LR				
WMQ	comp=Z,480nm,24.3s					
WMQ	LR	LR				
WMQ	comp=Z,710nm,22.9s					
WMQ	LR	LR				
HEH	Heihe	61.89 7	eP	P	22 42 11.4	-0.8
YSS	Yuzhno-Sakhal	62.03 19	P	P	22 42 15.6	+2.4
YSS	Yuzhno-Sakhal	62.03 19	eP	S	22 42 14.3	+1.1
YSS	Yuzhno-Sakhal	62.03 19	eS	SS	22 50 38.8	+1.1
YSS	comp=Z,30nm,1.1s					
YSS	comp=Z,200nm,5.2s					
YSS	comp=N,300nm,4.9s					
YSS	comp=E,300nm,4.7s					
YSS	comp=Z,300nm,17.0s					
YSS	comp=N,200nm,18.0s					
NIL	Nilore	62.09 318	P	I	22 42 13.6	-0.4
NIL	comp=Z,24nm,0.8s					
NIL	comp=Z,25nm,0.9s					
NIL	comp=Z,25nm,0.9s					
ZAK	Zakamensk	62.93 349	eP	P	22 42 18.6	-0.8
ZAK	comp=Z,9.0nm,1.6s					
TLY	Talaya	64.12 350	P	I	22 42 25.7	-1.4
TLY	comp=Z,10nm,0.8s					
TLY	comp=Z,10nm,0.8s					
KSH2	Kashi	64.19 324	P	P	22 42 27.7	-0.3
KSH2	comp=Z,39nm,0.9s					
KSH2	comp=Z,310nm,5.5s					
KSH2	comp=Z,310nm,13.0s					
KSH2	comp=Z,340nm,15.0s					
MOY	Mondy	64.60 348	eP	P	22 42 30.3	-0.1
MOY	comp=Z,16nm,1.7s					
TARG	Taragay	64.74 327	I	I	22 43 03.1	
SHLS	Shalkode	64.92 329	iP	P	22 42 31.3	-1.3
SHLS	Shalkode	64.92 329	iP	P	22 42 31.3	-1.3
SHLS	comp=Z,12nm,1.4s					
SHLS	comp=Z,12nm,1.4s					
UZB	Uzynbulak	65.13 329	eP	P	22 42 34.0	0.0
UZB	comp=Z,11nm,1.1s					
UZB	comp=Z,11nm,1.1s					
ZEA	Zeya	65.32 6	eP	P	22 42 34.8	0.0
ZEA	comp=N,10					

6d 22h

Table of station data for the 6d 22h period, including station names, coordinates, and various parameters like SNR and elevation.

2020 JAN

Main table of station data for 2020 JAN, listing station names, coordinates, and parameters.

372

Table of station data for 372, including station names, coordinates, and parameters.

OSPL 06 22:32:09.04, 0.17, 88N, 66.93W, h16km, 5km, ML1.9, Presumed earthquake

RSPR 06 22:32:09.4, 17.93N, 66.90W, h6km, 12C-2D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters for the RSPR event.

6d 23h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KHC Kasperske Hory, ZVik Mount Meron Ar, etc.

2020 JAN

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

374

Table with columns for station name, frequency, power, and other technical details. Includes stations like CHTO Chiang Mai, CM31 Chiang Mai Arr, etc.

PGC 06 23:18:56.8... 69.94N:96.29W, h1km, ML3.7/1, 115km Northwest of Taloyako, Nu Nw Territories - Nunavut, Canada.

IDC 06 23:18:57.4... 70.06N:95.96W, h0km, mb3.7/12, mbtmp3.8/17, ML4.1/5, Error ellipse: s-maj=18.4km s-min=13.3km az=127.0

OTT 06 23:18:59.1... 70.02N:96.08W, h18km, MN4.2/9, 113km northwest from Taloyako, Nu Boothia Ungava Seismic Zone.

ISC 06 23:18:59.0... 69.87N:100.04W:96.77W:0.03, h10km, n79, c568/110, mb3.8/11, Northwest Territories

Table with columns for Code, Station Name, Frequency, Power, and other technical details. Includes stations like RES Resolute Bay, RES Resolute Bay, etc.

7d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Cabo Rojo, PR, Obispo Ponce, Cerrillos, Las Mesas, Utuado, UPR, P, Puerto Rico Se, etc.

RSPR 07 00:51:03.2, 17.94N, 66.89W, h7km, MD2.3/10
NEIC 07 00:51:02.1-0.9, 17.86N, 0.04-66.873W, 0.009,
h10km, 3km, ML2.2/22, MD2.3/10(RSPR), 2C-4D, Error
ellipse: s-maj=5.9km s-min=0.8km az=190.0, Puerto
Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Guanica, Bosqu, Obispo Ponce, Cerrillos, Las Mesas, etc.

RSPR 07 00:58:13.5, 17.93N, 66.82W, h8km, MD2.6/14

2020 JAN

NEIC 07 00:58:13.0-0.8, 17.89N, 0.03-66.79W, 0.01, h10km, 2km,
ML2.7/24, MD2.6/14(RSPR), 1C-7D, Error ellipse:
s-maj=4.6km s-min=3.0km az=341.0, Puerto Rico
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Guanica, Bosqu, Obispo Ponce, Cerrillos, Las Mesas, etc.

JMA 07 01:05:08.8, 0.5, 2.3 N, 3.12 E, h49km, MV2.7/12, FAR
S OFF ISHIGAKI JIMA
TAP 07 01:05:08.2, 22.85N, 122.77E, h97km, 1km, ML3.0, D
ISC 07 01:05:05.2, 1.4, 2.2, 3.0N, 0.04-122.80E, 0.03, h9km, 10km,
n55, s0879/91, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Changbin, Chkgk, Ruisui, Fulb, Lan-yu, etc.

RSPR 07 00:58:13.5, 17.93N, 66.82W, h8km, MD2.6/14

378

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Xinyi Township, Fushou, Datong, etc.

MOS 07 01:16:54.4, 0.8, 4.0, 60N, 140.04E, h181km, mb4.4/18,
Error ellipse: s-maj=8.2km s-min=5.9km az=96.6
IDC 07 01:16:55.3, 0.8, 4.0, 60N, 139.96E, h170km, 7km, mb3.9/25,
mbtmp4.4/33, MS4.3/2, Error ellipse: s-maj=9.5km
s-min=7.0km az=118.0

NEIC 07 01:16:55.9, 1.9, 4.0, 61N, 0.07-140.0E, 0.1, h172km, 6km,
mb4.4/97, Error ellipse: s-maj=13.2km s-min=8.1km
az=123.0

NIED 07 01:16:56.4, 4.0, 62N, 140.04E, h177km, MW4.3, Moment
Tensor solution, s3 Moment tensor. Scale 10^15Nm:
M1: 1.69; M2: 0.52; M3: 1.17; M4: 0.98; M5: 1.36; M6: 1.60;
Fault plane solution: M2.72000x10^15 NP1: 47.00000°,
s24.00000°, -77.00000°. NP2: 212.00000°, s67.00000°,
-96.00000°

JMA 07 01:16:56.4, 0.1, 4.0, 60N, 0.4-140.0E, 0.9, h177km, 1km,
MD4.2/38, MV4.1/38, WESTERN AOMORI PREF

ISC 07 01:16:55.4, 0.5, 4.0, 63N, 0.04-140.0E, 0.05, h174km, 4km,
n216, s134/214, mb4.3/91, 18C-12D, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Iwasaki, Hiroakiyukuz, Noshirotokiwa, etc.

USRK Ussuriysk Ar. 6.92 304 P Pn 01 18 35.5 +1.2
comp=E, 36nm, 0.6s, baz=108, slow=15, SNR=50

Table with columns: Station, Name, Time, Frequency, Mode, and other technical details. Includes stations like Kuril'sk, Hachioji jima 2, Mitsune, etc.

Table with columns: Station, Name, Time, Frequency, Mode, and other technical details. Includes stations like MKAR Makanchi Array, CMAR Chiang Mai Arr, H17K Granite Mounta, etc.

Table with columns: Station, Name, Time, Frequency, Mode, and other technical details. Includes stations like OBN Obninsk, FINES FINESS Array B, BLKN Baker Lake, etc.

Table with columns: Code, Station, Name, Time, Frequency, Mode, and other technical details. Includes stations like ARPR Arapgir-MALATY, MAYA Malatya/Merkez, etc.

URFA SVSK Karacayir 1.49 319 Pn Pb 01 24 40.6 -0.8 01 24 24.2 +0.1

AFAD 07 01:24:39.0,38:37N:38:93E,h7km,3km,ML1.5,Turkey
Code Station Name Az Az' Phase ID Time Res
ELZG Elazig 0.13 18 Op P ISC 01 24 41.9 -0.1

GCG 07 01:31:42.2±1.7, 14.94N:89.04W,h6km,49km,MD3.8,ML3.8,Presumed earthquake
CATAC 07 01:31:42.1±0.4, 15°N2°8'9W,h2km,1km,M3.5/20,ML3.5/20,Error ellipse: s-maj=4.6km s-min=3.2km az=1.9,confirmed

Code Station Name Az Az' Phase ID Time Res
SARH Santa Rosa de 0.33 122 P S Pg 01 31 49.0 +0.2
SARH Santa Rosa de 0.33 122 P S Pg 01 31 48.9 +0.2

Code Station Name Az Az' Phase ID Time Res
SARH Santa Rosa de 0.33 122 P S Pg 01 31 49.0 +0.2
SARH Santa Rosa de 0.33 122 P S Pg 01 31 48.9 +0.2
SARH Santa Rosa de 0.33 122 P S Pg 01 31 48.9 +0.2

TECO Alcadia de Te 1.45 220 P Pn 01 32 28.0 -0.3
TECO Alcadia de Te 1.45 220 P Pn 01 32 28.0 -0.3
TECO Alcadia de Te 1.45 220 P Pn 01 32 28.0 -0.3

BUI 07 01:38:14.7,5:59S:147:59E,h216km,mB4.9/22,mb4.9/72
DJJ 07 01:38:16.9,0.3,5:47S:147:12E,h194km,2km,mb4.7/32,mbmp5.3/37,MS3.9/17,Error ellipse: s-maj=7.4km s-min=5.2km az=91.0

MW5.4/146, Moment Tensor Solution. s123,c202: s146,c259: Duration: 182 Moment tensor: Scale 10^17 Nm: Mn:0.91±0.02; Mw:1.31±0.02; Mww:0.40±0.02; Mw0.36±0.02; Mw0.05±0.02; Mw0.8±0.02; Best double couple: Mo1.49600±0.017; NP1±242.00000; 845.00000; 137.00000; NP2±124.00000; 865.00000; 128.00000.

Principal axes: T 1.5990, P1g54.0000, Azm81.0000; N -0.2030, P1g34.0000, Azm286.0000; P -1.3930, P1g12.0000, Azm188.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rat. function
ISC 07 01:38:17.6±0.2,245S:103:147.04E:0.03,h202km,2km,h202km:pp-P,N1192,+1818/1156,mb5.3/301,40C-20D, Eastern New Guinea region

Code Station Name Az Az' Phase ID Time Res
MANU Manus Island 3.41 6 Pn Pn 01 39 14.5 +2.2
PMG Port Moresby 3.92 178 P Pn 01 39 18.6 +0.1

GENI Geniem 7.42 292 P Pn 01 40 02.2 -0.2
GENI Geniem 7.42 292 P S 01 41 26.9 -0.5
GENI Geniem 7.42 292 P S 01 40 03.2 -0.2

Code Station Name Az Az' Phase ID Time Res
SARH Santa Rosa de 0.33 122 P S Pg 01 31 49.0 +0.2
SARH Santa Rosa de 0.33 122 P S Pg 01 31 48.9 +0.2
SARH Santa Rosa de 0.33 122 P S Pg 01 31 48.9 +0.2

Code Station Name Az Az' Phase ID Time Res
SARH Santa Rosa de 0.33 122 P S Pg 01 31 49.0 +0.2
SARH Santa Rosa de 0.33 122 P S Pg 01 31 48.9 +0.2
SARH Santa Rosa de 0.33 122 P S Pg 01 31 48.9 +0.2

Code Station Name Az Az' Phase ID Time Res
SARH Santa Rosa de 0.33 122 P S Pg 01 31 49.0 +0.2
SARH Santa Rosa de 0.33 122 P S Pg 01 31 48.9 +0.2
SARH Santa Rosa de 0.33 122 P S Pg 01 31 48.9 +0.2

Code Station Name Az Az' Phase ID Time Res
SARH Santa Rosa de 0.33 122 P S Pg 01 31 49.0 +0.2
SARH Santa Rosa de 0.33 122 P S Pg 01 31 48.9 +0.2
SARH Santa Rosa de 0.33 122 P S Pg 01 31 48.9 +0.2

Code Station Name Az Az' Phase ID Time Res
SARH Santa Rosa de 0.33 122 P S Pg 01 31 49.0 +0.2
SARH Santa Rosa de 0.33 122 P S Pg 01 31 48.9 +0.2
SARH Santa Rosa de 0.33 122 P S Pg 01 31 48.9 +0.2

Code Station Name Az Az' Phase ID Time Res
SARH Santa Rosa de 0.33 122 P S Pg 01 31 49.0 +0.2
SARH Santa Rosa de 0.33 122 P S Pg 01 31 48.9 +0.2
SARH Santa Rosa de 0.33 122 P S Pg 01 31 48.9 +0.2

DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1
DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1
DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1

DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1
DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1
DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1

DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1
DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1
DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1

DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1
DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1
DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1

DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1
DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1
DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1

DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1
DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1
DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1

DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1
DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1
DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1

DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1
DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1
DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1

DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1
DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1
DZM Mont Dzumac 25.00 133 P P 01 43 23.2 -0.1

TATO	Taipei	39.15 322	P	P	01 45 27.7 +1.7
TATO	Taipei	39.15 322	P	P	01 45 28.0 +2.0
TATO	Taipei	39.15 322	P	P	01 45 27.2 +1.3
BBJ	Bungbulang	39.18 265	P	P	01 45 26.5 0.0
RKGY	Rocky Gulley	40.17 220	P	P	01 45 34.6 +0.3
comp-Z:1.65nm,1.0s					
KUZ	Kuautunu	40.73 144	P	P	01 45 40.4 +1.6
KNMB	Chin-men Tao	40.78 318	P	P	01 45 40.8 +1.4
JMN	Monobe	40.92 343	P	P	01 45 42.2 +2.0
OZH2	Quanzhou	40.97 319	pP	pP	01 45 42.6 +1.7
OZH2			S	S	01 45 27.2 +3.7
OZH2			sS	sS	01 51 37.2 -0.6
OZH2			pmax	pmax	01 52 59.0 +6.1
comp-Z:7.71nm,0.9s					
TOZ	Tahuroa Road	41.28 145	P	P	01 45 44.9 +1.6
TOZ			IAmb	IAmb	01 45 46.1
comp-Z:1.102nm,1.0s					
TOZ	Tahuroa Road	41.28 145	P	P	01 45 45.2 +1.9
JNU	Nakatsue	41.32 339	P	P	01 45 44.4 +0.7
JNU	Nakatsue	41.32 339	P	P	01 45 45.3 +2.1
AFI	Afihamatu	41.40 105	P	P	01 45 45.5 +0.8
AFI	Afihamatu	41.40 105	P	P	01 45 45.9 +1.2
AFI	Afihamatu	41.40 105	P	P	01 45 45.5 +0.8
comp-Z:3.303nm,0.9s					
AFI	Afihamatu	41.40 105	P	P	01 45 44.9 +0.2
HIZ	Haiti	41.47 146	P	P	01 45 47.4 +2.6
INU	Inuyama	41.67 348	P	P	01 45 48.1 +1.7
JGF	Kuroka	41.84 348	P	P	01 45 48.7 +0.7
JGF	Kuroka	41.84 348	P	P	01 45 48.6 +0.7
QFZ	Quartz Range	41.97 151	P	P	01 45 51.1 +2.2
TWVZ	Taurewa	42.18 147	P	P	01 45 53.1 +2.4
KATZ	Kakarama	42.26 146	P	P	01 45 54.2 +2.9
WTVZ	West Tongariro	42.30 146	P	P	01 45 54.4 +2.7
NTVZ	North Tongariro	42.33 146	P	P	01 45 54.0 +2.0
DSZ	Dennistown North	42.34 152	P	P	01 45 53.7 +1.8
KGZ	Kgauruho	42.35 147	P	P	01 45 53.9 +1.7
TMVZ	Te Maari	42.36 146	P	P	01 45 54.8 +2.6
OTVZ	Oturere	42.37 146	P	P	01 45 55.3 +2.9
SNVZ	South Ngauruho	42.38 146	P	P	01 45 55.2 +2.8
TRVZ	Turoa	42.41 147	P	P	01 45 54.9 +2.2
URZ	Urewera	42.57 144	P	P	01 45 54.1 +0.4
comp-Z:2.28nm,0.4s,baz=268,slow=3.4,SNR=40					
comp-Z:2.28nm,0.4s					
URZ	Urewera	42.57 144	P	P	01 45 54.5 +0.8
MJAR	Matsushiro Arr	42.59 349	P	P	01 45 54.4 +0.5
comp-Z:2.25nm,1.1s,baz=174,slow=7,SNR=26					
MJAR			pP	pP	01 46 36.1 -0.4
MJAR			PcP	PcP	01 47 42.7 +0.4
MJAR			ScP	ScP	01 51 14.0 -0.1
comp-Z:0.8nm,0.3s,baz=187,slow=6.1,SNR=44					
MJAR			LR	LR	02 01 23.6
comp-Z:1.34nm,20.1s,baz=140,slow=32					
MJAR	Matsushiro Arr	42.59 349	P	P	01 45 54.5 +0.6
MAJO	Matsushiro	42.59 349	P	P	01 45 53.7 -0.2
MAJO	Matsushiro	42.59 349	P	P	01 45 55.5 +1.6
MAJO	Matsushiro	42.59 349	P	P	01 45 53.9 0.0
comp-Z:2.33nm,1.1s					
MAJO	Matsushiro	42.59 349	P	P	01 45 54.2 +0.3
MOVZ	Moawhango	42.59 147	P	P	01 45 55.7 +1.7
NJB9	Matsu-Tunnel	42.86 348	P	P	01 45 55.2 +1.3
HAZ	Te Kaha	42.83 143	P	P	01 45 55.1 +1.0
NNZ	Nelson	42.89 150	P	P	01 45 55.7 +1.1
RUGZ	Raukumara Rang	42.70 144	P	P	01 45 55.7 +0.7
RTZ	Ruatahuna	42.73 145	P	P	01 45 56.1 +1.0
MXZ	Matakoao Point	42.81 143	P	P	01 45 56.9 +1.2
MXZ			IAmb	IAmb	01 45 57.0
comp-Z:1.157nm,1.1s					
MXZ	Matakoao Point	42.81 143	P	P	01 45 57.0 +1.3
BKZ	Black Stump Fm	42.83 146	P	P	01 45 56.9 +1.0
BKZ	Black Stump Fm	42.83 146	P	P	01 45 56.8 +0.9
MWZ	Matawai	42.86 144	P	P	01 45 57.4 +1.2
THZ	Tophouse	42.83 143	P	P	01 45 55.1 +1.0
NMHZ	Naumai	42.96 145	P	P	01 45 58.8 +1.8
PUZ	Puketitii	43.12 143	P	P	01 45 58.9 +0.7
TSZ	Takapari Road	43.17 147	P	P	01 46 00.1 +1.6
LTZ	Lake Taylor	43.37 153	P	P	01 46 01.4 +1.3
LTZ			IAmb	IAmb	01 46 02.6
comp-Z:2.79nm,1.2s					
MRZ	Mangatainoka R	43.40 148	P	P	01 46 00.7 +0.4
KNZ	Kokohu	43.41 145	P	P	01 46 00.8 +0.4
KHZ	Kahutara	43.68 151	P	P	01 46 03.0 +0.5
KHZ	Kahutara	43.68 151	P	P	01 46 02.6 +0.1
BFZ	Birch Farm	43.76 148	IAmb	IAmb	01 46 03.5 +0.3
comp-Z:1.172nm,1.3s					
BFZ	Birch Farm	43.76 148	P	P	01 46 03.6 +0.3
LBZ	Lake Benmore	43.76 156	P	P	01 46 04.0 +0.8
MISWZ	Mokua Station	43.77 149	P	P	01 46 02.5 0.5
QIZ	Qiongzong	43.98 305	P	P	01 46 05.6 +0.3
QIZ			sP	sP	01 47 13.2 +1.7
QIZ			LR	LR	01 52 23.5 +1.5
comp-Z:2.220nm,12.5s					
QIZ			LR	LR	
comp-Z:2.270nm,13.6s					
QIZ			LR	LR	
comp-Z:2.270nm,16.2s					
JSD	Sado	44.04 350	P	P	01 46 05.7 +0.3
NIUE	Niue	44.04 112	P	P	01 46 06.6 +0.8
comp-Z:1.199nm,1.0s					
NIUE	Niue	44.04 112	P	P	01 46 06.5 +0.8
NIUE	Niue	44.04 112	P	P	01 46 07.2 +1.5
WHZ	Wether Hill Ro	44.18 159	P	P	01 46 07.4 +0.9
WHZ			IAmb	IAmb	01 46 17.5
comp-Z:1.103nm,1.4s					
NJ2	Nanjing	45.95 326	eP	pP	01 46 22.2 +1.6
NJ2			pP	pP	01 47 09.3 +5.3
comp-Z:4.48nm,0.8s					
KSRS	Korea Array	46.26 339	P	P	01 46 24.2 +1.3
comp-Z:1.18nm,0.8s,baz=152,slow=8.8,SNR=43					
KSRS			pP	pP	01 47 05.6 -0.6
KSRS			PcP	PcP	01 47 55.1 +0.2
comp-Z:5.4nm,0.8s,baz=153,slow=9.0,SNR=4.6					
KSAR	Wonju Array Be	46.27 339	P	P	01 46 23.7 +0.8
KSAR	Wonju Array Be	46.27 339	P	P	01 46 23.7 +0.8
INCN	Inchon	46.77 338	P	P	01 46 28.0 +1.1
WHN	Wuhan	47.54 321	P	P	01 46 35.0 +2.1
WHN			pmax	pmax	
comp-Z:1.120nm,0.9s					
JKA	Kamikawa-asahi	49.51 356	IAmb	IAmb	01 46 51.4
comp-Z:1.105nm,1.4s					
ASAJ	Asahikawa	49.51 356	LR	LR	02 07 51.2
TIA	Tai'an	50.04 328	P	P	01 46 51.9 0.0
TIA			pmax	pmax	
comp-Z:5.09nm,0.9s					
GVA	Guiyang	50.36 311	pP	pP	01 46 57.2 +2.6
GVA			S	S	01 47 41.9 +3.0
GVA			pmax	pmax	01 53 54.4 +2.1
comp-Z:1.12nm,1.0s					
GVA			pmax	pmax	
GVA			LR	LR	
GVA			LR	LR	
GVA			LR	LR	
comp-Z:98nm,6.7s					
ENH	Enshi	50.55 317	P	P	01 46 57.3 +1.5
ENH	Enshi	50.55 317	P	P	01 46 56.6 +0.8
USRK	Ussuriysk Ar.	51.26 346	P	P	01 47 02.1 +1.3
comp-Z:1.16nm,0.8s,baz=168,slow=8.0,SNR=26					
USRK			pP	pP	01 47 45.0 0.0
comp-Z:1.16nm,0.9s,baz=169,slow=7.1,SNR=1.6					
LYN	LuoYang	51.45 323	pP	pP	01 47 03.4 +1.0
LYN			S	S	01 47 47.9 +1.1
LYN			S	S	01 54 02.1 -4.5
comp-Z:82nm,0.8s					
LYN			pmax	pmax	
comp-Z:1.180nm,4.7s					
HNS	HongShan	52.21 327	pP	pP	01 47 08.5 +0.6
HNS			pP	pP	01 47 52.8 +0.4

HNS			S	S	01 54 16.3 -0.6
HNS			S	S	
comp-Z:1.100nm,1.0s					
HNS			LR	LR	
comp-Z:3.350nm,18.1s					
HNS			LR	LR	
comp-Z:3.300nm,18.9s					
HNS			LR	LR	
comp-Z:1.170nm,17.8s					
YSS	Yuzhno-Sakhali	52.32 356	eP	P	01 47 10.5 +1.9
YSS	Yuzhno-Sakhali	52.32 356	eP	P	01 47 09.4 +0.8
YSS			ePP	pwP	01 47 56.2 +0.8
YSS			eSP	PcP	01 48 18.3 +1.4
YSS			ePP	PP	01 50 26.8
YSS			eS	P	01 54 15.5 -2.6
comp-Z:3.30nm,0.9s					
YSS			pmax	pmax	
comp-Z:600nm,15.0s					
YSS	Yuzhno-Sakhali	52.32 356	P	P	01 47 09.7 +1.1
YSS			PcP	PcP	01 48 18.2 +3.1
KM2	Kunming	52.71 307	P	P	01 47 14.4 +2.3
KM2			pP	pP	01 47 59.3 +2.4
comp-Z:1.10nm,0.08s					
CN2	Changchun	52.77 340	eP	P	01 47 12.5 +0.6
CN2			pmax	pmax	
comp-Z:1.10nm,1.0s					
CMAR	Chiang Mai Arr	53.03 298	P	P	01 47 15.5 +1.2
CMAR			pP	pP	01 47 58.3 -0.7
comp-Z:1.5nm,0.3s,baz=127,slow=6.4,SNR=8.3					
CMAR			pP	pP	01 47 58.3 -0.7
comp-Z:3.3nm,0.5s,baz=120,slow=5.4,SNR=2.7					
CMAR	Chiang Mai Arr	53.03 298	P	P	01 47 14.0 -0.3
XAN	Xi'an	53.29 320	pP	pP	01 47 16.4 +0.4
XAN			pP	pP	01 48 01.7 +0.9
XAN			S	S	01 54 29.1 -2.8
comp-Z:7.78nm,1.2s					
XAN	Xi'an	53.29 320	P	P	01 47 16.5 +0.5
XAN			pP	pP	01 47 59.0 -1.8
BJ2	Beijing	53.44 331	pP	pP	01 47 17.8 +0.9
BJ2			pP	pP	01 48 02.5 +1.0
BJ2			PcP	PcP	01 48 21.6 +0.3
BJ2			pP	pP	01 49 23.5 +3.8
BJ2			pmax	pmax	01 54 32.5 -1.0
comp-Z:1.12nm,1.0s					
BJ2			pmax	pmax	
comp-Z:94nm,3.7s					
BJ2			LR	LR	
comp-Z:1.160nm,16.7s					
BJ2			LR	LR	
comp-Z:1.120nm,17.0s					
BJ2			LR	LR	
comp-Z:1.110nm,15.8s					
BJT	Baijiatao	53.44 331	P	P	01 47 18.5 +1.6
RAR	Rarotonga	53.80 112	P	P	01 47 20.1 +0.2
comp-Z:2.65nm,1.0s,baz=219,slow=4.3,SNR=8.6					
RAR	Rarotonga	53.80 112	P	P	01 47 20.9 +1.0
RAR	Rarotonga	53.80 112	P	P	01 47 20.6 +0.7
BNX	BinXian	53.90 343	pP	pP	01 48 07.1 -0.1
BNX			pP	pP	01 48 26.2 -0.6
BNX			pmax	pmax	
comp-Z:3.31nm,1.1s					
UGL	Ulgjegorsk	54.48 356	eP	S	01 47 25.8 +1.6
UGL			eS	S	01 54 38.3 -8.8
comp-Z:1.100nm,1.2s					
CD2	Chengdu	54.93 314	P	S	01 47 29.5 +1.6
CD2			S	S	01 54 53.0 -0.9
CD2			pmax	pmax	01 56 18.0 +5.3
comp-Z:4.40nm,0.7s					
TNCH	TengChong	56.05 305	P	P	01 47 40.9 +4.7
TNCH			pP	pP	01 48 21.4 -0.1
TNCH			S	S	01 55 10.1 +0.9
comp-Z:1.130nm,4.0s					
TYV	Tymovskoe	56.23 357	eP	P	01 47 38.0 +1.4
TYV			eS	S	01 55 10.6 +0.4
comp-Z:2.25nm,1.0s					
TYV			pmax	pmax	
comp-Z:2.200nm,5.5s					
TYV			smax	smax	
comp-N:5.500nm,3.9s					
TYV			smax	smax	
comp-Z:3.300nm,3.9s					
TYV			smax	smax	
comp-Z:5.36nm,6.9s					
HHC	Hu-ho-hao-te	56.40 328	eP	S	01 47 38.8 +0.6
HHC			eS	S	01 55 06.2 -6.9
HHC			pmax	pmax	01 58 34.5 +2.2
comp-E:2.9nm,0.9s					
HHC			pmax	pmax	
comp-E:6.68nm,4.6s					
XLT	XiLinHaoTe	56.51 334	eP	P	01 47 39.1 +0.2
XLT			pP	pwP	01 48 27.4 +1.1
XLT			pP	pP	
comp-E:1.12nm,1.2s					
XLT			pmax	pmax	
comp-E:2.20nm,6.3s					
BT02	Baotou	57.22 327	eP	P	01 47 45.1 +1.0
BT02			pP	pwP	01 48 32.0 +0.4
BT02			P	PP	01 49 59.1 +5.5
BT02			S	S	01 55 23.2 -0.8
comp-E:5.50nm,0.8s					
BT02			pmax	pmax	
comp-E:2.90nm,5.7s					
BT02			LR	LR	

7d 1h

S12K	Black Hills	73.89	27	P	P	01 49 30.8 +0.5
SDPT	Sand Point	74.42	28	I	Amb	01 49 34.4
SDPT	Sand Point	74.42	28	P	P	01 49 34.9 +1.6
SDPT	Sand Point	74.42	28	P	P	01 49 33.3 0.0
CNBA	Chernabura Isl	74.54	29	P	P	01 49 34.5 +0.6
CHNA	Chernabura Isl	74.54	29	P	P	01 49 34.2 +0.1
BILL	Bilibino	74.57	7	P	P	01 49 35.0 +1.0
BILL	Bilibino	74.57	7	I	Amb	01 49 36.0
BILL	Bilibino	74.57	7	eP	P	01 49 35.1 +1.1
BILL	Bilibino	74.57	7	P	P	01 49 34.2 +0.2
M11K	Mekoryuk	75.13	22	P	P	01 49 38.6 +1.4
M11K	Mekoryuk	75.13	22	I	Amb	01 49 39.9
M11K	Mekoryuk	75.13	22	P	P	01 49 38.2 +0.9
DGZ	Jazzator, Alta	75.22	325	i	P	01 49 38.3 +0.1
DGZ	Jazzator, Alta	75.22	325	P	P	01 49 38.3 +0.1
GAMB	Gambell	75.65	18	P	P	01 49 41.2 +1.1
GAMB	Gambell	75.65	18	P	P	01 49 41.4 +1.2
ZSN	Zaisan	75.76	322	eP	P	01 49 41.4 +0.2
ZSN	Zaisan	75.76	322	eP	P	01 49 41.4 +0.2
M13K	Dali Lake	76.23	23	P	P	01 49 45.1 +1.7
O14K	Tiguykuiwet M	76.35	25	I	Amb	01 49 46.4
O14K	Tiguykuiwet M	76.35	25	P	P	01 49 45.2 +1.0
N14K	Kuskokwak Cree	76.58	24	I	Amb	01 49 47.5
N14K	Kuskokwak Cree	76.58	24	P	P	01 49 46.4 +0.9
K13K	Kusilvak Mount	76.71	21	P	P	01 49 47.2 +1.0
O15K	Unqalithiuk R	76.71	25	P	P	01 49 48.4 +1.0
M14K	Bethel	76.98	23	P	P	01 49 47.2 -0.5
M14K	Bethel	76.98	23	P	P	01 49 48.4 +1.0
CHIR	Chirikof Islan	76.99	29	P	P	01 49 48.3 +0.4
R16K	Pilot Point	76.99	27	P	P	01 49 48.3 +0.5
L14K	Kuka Creek	77.06	22	P	P	01 49 49.4 +1.3
MK31	Makanchi Array	77.11	320	eP	P	01 49 49.1 +0.3
MKAR	Makanchi Array	77.11	320	P	P	01 49 48.8 0.0
MKAR	Makanchi Array	77.11	320	P	P	01 50 36.0 -0.7
MKAR	Makanchi Array	77.11	320	eP	P	01 55 28.2 -0.5
MKAR	Makanchi Array	77.11	320	eP	P	01 49 48.5 -0.3
MKAR	Makanchi Array	77.11	320	eP	P	01 49 50.3 +0.7
WUS	Makanchi	77.31	314	P	P	01 49 49.9 0.0
MAKZ	Makanchi	77.31	314	I	Amb	01 50 43.0
MAKZ	Makanchi	77.31	320	P	P	01 49 49.9 0.0
MAKZ	Makanchi	77.31	320	P	P	01 49 50.0 +0.1
MAKZ	Makanchi	77.31	320	P	P	01 50 36.1 -1.7
N15K	Kwethluk River	77.37	24	I	Amb	01 49 52.2
N15K	Kwethluk River	77.37	24	P	P	01 49 51.1 +1.1
M15K	Kasigluk River	77.44	23	P	P	01 49 51.1 +0.8
R17L	Mt. Peulik Vol	77.58	27	P	P	01 49 51.7 +0.6
PLK4	Peulik 4	77.58	27	I	Amb	01 49 56.1
P16K	Nushagak River	77.61	26	I	Amb	01 49 53.1
P16K	Nushagak River	77.61	26	P	P	01 49 51.2 0.0
J14K	Nanvaranak Lak	77.63	21	I	Amb	01 49 54.7
J14K	Nanvaranak Lak	77.63	21	P	P	01 49 52.5 +1.2
SHLS	Shalkode	77.67	316	eP	P	01 49 50.4 -1.7
SHLS	Shalkode	77.67	316	eP	P	01 49 50.5 -1.7
L15K	Ungalak Mounta	77.72	22	P	P	01 49 52.4 +0.6
O16K	Kokwok River B	77.88	25	I	Amb	01 49 54.3
O16K	Kokwok River B	77.88	25	P	P	01 49 53.2 +0.5
TIXI	Tiksi	77.88	354	P	P	01 49 51.9 -0.6
TIXI	Tiksi	77.88	354	P	P	01 55 28.3 -0.8
TIXI	Tiksi	77.88	354	P	P	02 28 06.0
TIXI	Tiksi	77.88	354	P	P	01 49 51.9 -0.6
UZB	Uzynbulak	77.97	316	eP	P	01 49 53.6 -0.3
UZB	Uzynbulak	77.97	316	eP	P	01 49 53.6 -0.3
SII	Sitkinak Islan	78.05	29	P	P	01 49 54.8 +1.0
SII	Sitkinak Islan	78.05	29	I	Amb	01 49 56.6
SII	Sitkinak Islan	78.05	29	P	P	01 49 53.9 +0.1
TNA	Tin City	78.07	18	P	P	01 49 54.4 +0.8
K15K	Wolf Creek Mou	78.08	22	I	Amb	01 49 56.3
K15K	Wolf Creek Mou	78.08	22	P	P	01 49 54.9 +1.1
N16K	Nishlik Lake	78.09	24	P	P	01 49 55.1 +1.2
Q17K	Contact Creek	78.12	27	P	P	01 49 54.0 -0.3
ANM	Nome	78.19	19	I	Amb	01 49 56.7
ANM	Nome	78.19	19	P	P	01 49 55.6 +1.3
M16K	Timber Creek	78.32	24	I	Amb	01 49 58.9
M16K	Timber Creek	78.32	24	P	P	01 49 56.4 +1.2
ACHA	Angle Creek R	78.35	27	I	Amb	01 49 58.2
P17K	Kvichak River	78.37	26	I	Amb	01 49 55.9
P17K	Kvichak River	78.37	26	P	P	01 49 55.9 +0.5
SATY	Saty	78.37	316	eP	P	01 49 55.8 -0.2
SATY	Saty	78.37	316	eP	P	01 49 55.9 -0.2
O17K	Koliganek Bris	78.40	25	P	P	01 49 56.2 +0.7
R18K	Kariuk	78.43	28	P	P	01 49 55.9 +0.2
F14K	Arctic Creek	78.50	18	P	P	01 49 57.0 +1.0
L16K	Owhat River	78.52	23	I	Amb	01 49 58.2
L16K	Owhat River	78.52	23	P	P	01 49 57.0 +0.8
ZALV	Zalesovo Beam	78.58	328	P	P	01 49 55.6 -1.0
ZALV	Zalesovo Beam	78.58	328	P	P	01 50 43.9 -0.9
ZALV	Zalesovo Beam	78.58	328	P	P	02 08 51.1 -2.8
ZALV	Zalesovo Beam	78.58	328	P	P	02 16 54.1 0.0
ZALV	Zalesovo Beam	78.58	328	P	P	02 24 43.0
ZALV	Zalesovo Beam	78.58	328	P	P	01 49 55.8 -0.9
ZALV	Zalesovo Beam	78.58	328	P	P	01 50 43.1 -1.7
N17K	Nushagak Hills	78.77	25	I	Amb	01 50 00.2

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N17K	Nushagak Hills	78.77	25	P	P	01 49 58.7 +1.0
O18K	Old Harbor	78.81	29	P	P	01 49 58.0 +0.1
O18K	Old Harbor	78.81	29	P	P	01 49 59.3 +2.0
O18K	Old Harbor	78.81	29	P	P	01 49 57.9 +0.1
G15K	Niukluk	78.90	19	P	P	01 49 58.7 +0.4
P18K	Big Mountain,	79.00	26	I	Amb	01 49 59.7
P18K	Big Mountain,	79.00	26	P	P	01 49 58.4 -0.5
TDK	Taldygorghan	79.00	318	eP	P	01 49 59.4 +0.1
TDK	Taldygorghan	79.00	318	eP	P	01 49 59.4 +0.1
TDK	Taldygorghan	79.00	318	eP	P	01 49 59.4 +0.1
J16K	Arnyk River	79.02	21	I	Amb	01 50 01.6
J16K	Arnyk River	79.02	21	P	P	01 50 00.0 +1.1
ARXS	Hoitina River	79.14	317	eP	P	01 50 00.1 0.0
M17K	Hoitina River	79.15	24	P	P	01 50 02.4
M17K	Hoitina River	79.15	24	P	P	01 50 01.0 +1.4
F15K	North Star Dit	79.17	18	I	Amb	01 50 02.0
F15K	North Star Dit	79.17	18	P	P	01 50 00.7 +1.0
L17K	Donlin	79.22	23	P	P	01 50 01.2 +1.2
KSH2	Kashli	79.25	311	P	P	01 50 01.8 +0.9
KSH2	Kashli	79.25	311	P	P	01 50 01.8 +0.9
O18K	Koktuh Hills	79.25	26	I	Amb	01 50 36.2
O18K	Koktuh Hills	79.25	26	P	P	01 50 01.6 +1.3
H16K	Elim	79.27	20	P	P	01 50 01.2 +1.0
I17K	Unalakleet	79.35	21	I	Amb	01 50 03.4
I17K	Unalakleet	79.35	21	P	P	01 50 02.1 +1.5
MDOK	Medeo	79.35	316	eP	P	01 50 01.2 -0.1
MDOK	Medeo	79.35	316	eP	P	01 50 01.3 -0.1
TNSS	Tian-Shan	79.38	315	eP	P	01 50 01.5 -0.3
TNSS	Tian-Shan	79.38	315	eP	P	01 50 01.5 -0.3
N18K	Kilae Creek	79.39	25	I	Amb	01 50 03.6
N18K	Kilae Creek	79.39	25	P	P	01 50 02.0 +1.0
KDAK	Kodiak Island	79.41	28	P	P	01 50 01.4 +0.3
AAA	Alma-Ata	79.45	316	eP	P	01 50 01.7 -0.1
AAA	Alma-Ata	79.45	316	eP	P	01 50 01.8 -0.1
AAA	Alma-Ata	79.45	316	eP	P	01 50 01.3 -0.2
Q19K	Cape Douglas,	79.47	27	P	P	01 50 01.8 -0.2
K17K	Iditarod	79.54	22	I	Amb	01 50 04.2
K17K	Iditarod	79.54	22	P	P	01 50 02.7 +0.9
J17K	VABM Dome	79.64	22	P	P	01 50 03.0 +0.8
J17K	VABM Dome	79.64	22	P	P	01 50 04.8
J17K	VABM Dome	79.64	22	P	P	01 50 03.7 +1.4
NIL	Nilore	79.64	305	P	P	01 50 02.5 -0.5
NIL	Nilore	79.64	305	P	P	01 51 02.7
NIL	Nilore	79.64	305	P	P	01 50 02.5 -0.5
G16K	Koyuk River	79.71	19	I	Amb	01 50 04.8
G16K	Koyuk River	79.71	19	P	P	01 50 03.3 +0.7
O19K	Port Alsworth	79.81	26	I	Amb	01 50 08.0
O19K	Port Alsworth	79.81	26	P	P	01 50 02.8 -0.4
M18K	Stony River	79.85	24	P	P	01 50 04.5 +1.0
Q20K	Shuyak Island	79.89	28	P	P	01 50 04.9 +1.2
L18K	Granite Mounta	79.89	23	I	Amb	01 50 06.2
L18K	Granite Mounta	79.89	23	P	P	01 50 04.9 +1.3
P19K	Oil Pt	80.02	26	I	Amb	01 50 13.5
P19K	Oil Pt	80.02	26	P	P	01 50 03.9 -0.5
N19K	Bonanza Creek	80.05	25	I	Amb	01 50 06.4
N19K	Bonanza Creek	80.05	25	P	P	01 50 05.0 +0.3
ILSW	Iliamna Southw	80.22	26	I	Amb	01 50 06.1
H17K	Granite Mounta	80.25	20	P	P	01 50 06.7 +1.2
TKM2	Tokmak 2	80.29	315	P	P	01 50 07.7 +1.2
G17K	Kiwialik Mounta	80.33	20	P	P	01 50 07.0 +1.1
O20K	Slo Mountain	80.49	26	P	P	01 50 07.6 +0.6
J18K	Innok River	80.56	22	P	P	01 50 07.7 +0.5
L19K	White Mountain	80.60	24	P	P	01 50 08.0 +0.5
L19K	White Mountain	80.60	24	I	Amb	01 50 09.6
L19K	White Mountain	80.60	24	P	P	01 50 08.2 +0.7
C16K	Lisburne Hills	80.67	16	P	P	01 50 08.1 +0.5
F17K	Baldwin Pennin	80.71	19	P	P	01 50 08.8 +0.9
HOM	Home	80.73	27	P	P	01 50 08.3 +0.1
KURK	Kurchatov	80.80	323	P	P	01 50 08.3 -0.4
KURK	Kurchatov	80.80	323	eP	P	01 50 56.8 -0.2
KURK	Kurchatov	80.80	323	eP		

H22K	baz=244,SNR=35	83.78	21	P	P	01 50 24.4 +0.5	PRP	Porcupine Dome	85.80	23	P	P	01 50 33.1 -1.0	F28M	baz=254	Old Crow	88.65	22	P	P	01 50 48.0 +0.5	
EYAK	baz=242,SNR=15	83.78	27	P	P	01 50 23.9 0.0	SRK	Sand Creek	85.83	24	P	P	01 50 33.9 -0.4	DIB	baz=252,SNR=11	Dawson Inlet,	88.65	36	P	IAMB	P	01 50 48.5 +0.7
KK31	Karatay Array	83.94	314	P	P	01 50 25.4 +0.2	BARN	Barnard Glacie	85.83	28	IAMB	IAMB	01 50 37.0	N31M	comp=Z,33nm,1.1s	Braeburn, Yuks	88.68	28	P	P	IAMB	01 50 48.1 +0.3
KK31	Karatay Array	83.94	314	P	P	01 50 25.4 +0.2	C23K	Itkillik River	85.90	18	P	P	01 50 34.8 +0.5	N31M	comp=Z,76nm,1.7s	Braeburn, Yuks	88.68	28	P	P	IAMB	01 50 48.3 +0.4
KKAR	Karatay Array	83.94	314	P	P	01 50 25.0 -0.2	CTG	Chitna Glacier	85.95	28	P	P	01 50 35.0 +0.1	N31M	comp=Z,33nm,1.1s	Braeburn, Yuks	88.68	28	P	P	IAMB	01 50 48.3 +0.4
KKAR	Karatay Array	83.94	314	P	P	01 50 25.0 -0.2	CTGM	Chitina Glacie	85.95	28	IAMB	IAMB	01 50 36.7	CRAG	baz=256	Craig	88.72	34	P	P		01 50 48.5 +0.4
DIV	Divide	83.99	27	IAMB	IAMB	01 50 27.2	LOGN	Logan Glacier	86.06	28	IAMB	IAMB	01 50 37.2	HRA	baz=259	Herat	88.76	305	P	P		01 50 48.6 -0.5
NEA2	Nemana	84.05	23	P	P	01 50 24.3 -1.0	G25K	Bearman Lake	86.08	21	P	P	01 50 35.9 +0.6	HRA	comp=Z,49nm,1.2s	Herat	88.76	305	P	IAMB	IAMB	01 51 46.7
B20K	Meade River	84.05	17	P	P	01 50 25.5 +0.4	D24K	Happy Valley	86.15	19	P	P	01 50 36.6 +1.0	D27M	baz=251	Malcolm River	88.78	20	P	P		01 50 48.8 +0.6
KLU	Klutina	84.07	26	IAMB	IAMB	01 50 27.0	M27K	Edge Creek, AK	86.16	26	IAMB	IAMB	01 50 37.8	H29M	baz=254	Whitestone	88.81	23	P	P		01 50 48.6 +0.3
KLU	Klutina	84.07	26	P	P	01 50 25.1 -0.4	M27K	Edge Creek, AK	86.16	26	IAMB	IAMB	01 50 37.8	U33K	Whale Pass	88.85	33	P	P		01 50 49.0 +0.4	
IUG	Iuzhnay	84.07	313	eP	P	01 50 25.7 -0.3	M27K	Edge Creek, AK	86.16	26	P	P	01 50 36.4 +0.4	WHY	baz=259	Whitehorse	88.91	29	P	P		01 50 49.1 0.0
IUG	Iuzhnay	84.07	313	eP	P	01 50 25.7 -0.3	PINK	Pinnacle	86.16	29	P	P	01 50 36.4 +0.3	WHY	comp=Z,64nm,1.6s	Whitehorse	88.91	29	P	P		01 50 49.3 +0.3
DHY	Denali Highway	84.08	25	P	P	01 50 25.4 -0.2	J26L	Joseph Creek	86.19	24	IAMB	IAMB	01 50 37.4	WHY	baz=257	Whitehorse	88.91	29	P	P		01 50 49.3 +0.3
E21K	Killik River	84.16	19	P	P	01 50 26.2 +0.4	J26L	Joseph Creek	86.19	24	P	P	01 50 36.2 +0.2	E28M	baz=256	Babbage River	89.07	21	IAMB	IAMB		01 50 51.4
I23K	Minto, Yukon-K	84.18	22	P	P	01 50 25.7 -0.2	FYU	Fort Yukon	86.32	22	IAMB	IAMB	01 50 38.2	E28M	comp=Z,48nm,1.4s	Babbage River	89.07	21	P	P		01 50 50.1 +0.6
M24K	Tolsona, Glenn	84.20	26	P	P	01 50 26.1 0.0	BVAR	Borovoye Array	86.36	324	P	P	01 50 36.1 -0.8	G29M	baz=253	Pine Creek	89.13	22	P	P		01 50 50.1 +0.3
G22K	Bettles	84.22	20	P	P	01 50 25.9 -0.1	BVAR	Borovoye Array	86.36	324	P	P	01 50 36.1 -0.8	J30M	comp=Z,48nm,1.1s	Hart River	89.19	25	P	P		01 50 50.5 +0.2
C21K	Knifeblade Rid	84.28	18	P	P	01 50 26.9 +0.6	BVAR	Borovoye Array	86.36	324	P	P	01 50 36.1 -0.8	J30M	baz=256,SNR=15	Hart River	89.19	25	P	P		01 50 50.6 +0.2
WRH	Wood River Hil	84.38	23	IAMB	IAMB	01 50 27.8	BORK	Borovoye	86.40	324	P	P	01 50 35.9 -1.3	P32M	Altin	89.25	30	P	P		01 50 51.1 +0.5	
BRLS	Borolday	84.41	314	eP	P	01 50 27.4 -0.1	BORK	Borovoye	86.40	324	eP	P	01 50 36.0 -1.2	P32M	Altin	89.25	30	P	P		01 50 50.5 -0.1	
BRLS	Borolday	84.41	314	eP	P	01 50 27.4 -0.1	L27K	comp=Z,15nm,1.0s	86.42	26	IAMB	IAMB	01 50 38.9	HG4B	Hot Spring	89.26	37	P	P		01 50 51.9 +1.2	
CHM	Chimkent	84.42	313	eP	P	01 50 27.6 -0.1	L27K	Beaver Creek,	86.42	26	P	P	01 50 37.3 +0.2	WRAK	Wrangell Islan	89.33	33	P	IAMB	IAMB	01 50 52.2 +1.3	
CHM	Chimkent	84.42	313	eP	P	01 50 27.6 -0.1	L27K	Beaver Creek,	86.42	26	P	P	01 50 37.3 +0.2	WRAK	comp=Z,59nm,1.5s	Wrangell Islan	89.33	33	P	P		01 50 51.9 +1.0
BMRM	Bremner River	84.46	27	P	P	01 50 28.1 +0.6	O28M	Franklin Bluff	86.44	18	P	P	01 50 37.6 +0.7	I30M	Mount Dempster	89.33	24	P	P		01 50 51.0 0.0	
BMRM	Bremner River	84.46	27	P	P	01 50 28.1 +0.6	BCAR	Beaver Creek A	86.44	26	P	P	01 50 37.5 +0.3	M31M	Drury Creek, Y	89.48	27	P	P		01 50 52.5 +0.9	
BMRM	Bremner River	84.46	27	P	P	01 50 28.1 +0.6	BCPM	Bancas Point	86.44	29	P	P	01 50 37.6 +0.4	M31M	Drury Creek, Y	89.48	27	P	P		01 50 51.4 -0.2	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	BCPM	Bancas Point	86.44	29	P	P	01 50 37.6 +0.4	EPYK	Eagle Plains	89.49	23	IAMB	IAMB		01 50 52.7	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	F25K	Christian River	86.57	21	P	P	01 50 38.6 +0.9	EPYK	comp=Z,61nm,1.2s	Eagle Plains	89.49	23	P	P		01 50 51.6 +0.1
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	YU3K	Moose Creek	86.61	27	P	P	01 50 38.4 +0.1	V35K	Ketchikan	89.54	34	P	P		01 50 52.8 +0.8	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	BVCY	Beaver Creek	86.63	26	P	P	01 50 38.7 +0.6	V35K	Ketchikan	89.54	34	P	P		01 50 52.0 +1.1	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	YU8K	Steele Glacier	86.78	28	P	P	01 50 39.7 +0.6	D28M	Stokes Point	89.56	20	P	P		01 50 52.3 +0.6	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	E25K	Arctic Village	86.80	20	IAMB	IAMB	01 50 41.1	E29M	Blow River	89.58	21	P	P		01 50 52.0 +0.1	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	E25K	Arctic Village	86.80	20	P	P	01 50 39.5 +0.6	P33M	Teslin, Yukon	89.82	29	P	P		01 50 53.7 +0.4	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	E25K	Arctic Village	86.80	20	P	P	01 50 39.5 +0.6	Q32M	Nakina River	89.85	31	P	P		01 50 53.7 +0.1	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	BMAR	Burnt Mountain	86.88	21	P	P	01 50 39.1 -0.1	N32M	Quiet Lake	89.88	29	P	P		01 50 53.4 -0.1	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	G26K	Porcupine River	86.99	22	IAMB	IAMB	01 50 41.9	FARO	Faro, Yukon	89.97	27	P	P		01 50 53.7 -0.2	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	G26K	Porcupine River	86.99	22	IAMB	IAMB	01 50 41.9	RUBB	Prince Rupert	90.15	36	P	IAMB	IAMB	01 50 55.6 +0.8	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	G26K	Porcupine River	86.99	22	IAMB	IAMB	01 50 41.9	RUBB	comp=Z,30nm,1.1s	Prince Rupert	90.15	36	P	IAMB	IAMB	01 50 57.1
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	D25K	Kavik River	87.01	19	P	P	01 50 40.3 +0.5	F30M	Barrier River	90.15	22	IAMB	IAMB		01 50 55.7	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	O29M	Mount Kennedy	87.05	29	IAMB	IAMB	01 50 43.9	F30M	Barrier River	90.15	22	IAMB	IAMB		01 50 54.3 -0.3	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	O29M	Mount Kennedy	87.05	29	IAMB	IAMB	01 50 43.9	F30M	Barrier River	90.15	22	IAMB	IAMB		01 50 54.3 -0.3	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	O29M	Mount Kennedy	87.05	29	IAMB	IAMB	01 50 43.9	F30M	Barrier River	90.15	22	IAMB	IAMB		01 50 54.3 -0.3	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	O29M	Mount Kennedy	87.05	29	IAMB	IAMB	01 50 43.9	F30M	Barrier River	90.15	22	IAMB	IAMB		01 50 54.3 -0.3	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	O29M	Mount Kennedy	87.05	29	IAMB	IAMB	01 50 43.9	F30M	Barrier River	90.15	22	IAMB	IAMB		01 50 54.3 -0.3	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	O29M	Mount Kennedy	87.05	29	IAMB	IAMB	01 50 43.9	F30M	Barrier River	90.15	22	IAMB	IAMB		01 50 54.3 -0.3	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	O29M	Mount Kennedy	87.05	29	IAMB	IAMB	01 50 43.9	F30M	Barrier River	90.15	22	IAMB	IAMB		01 50 54.3 -0.3	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	O29M	Mount Kennedy	87.05	29	IAMB	IAMB	01 50 43.9	F30M	Barrier River	90.15	22	IAMB	IAMB		01 50 54.3 -0.3	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	O29M	Mount Kennedy	87.05	29	IAMB	IAMB	01 50 43.9	F30M	Barrier River	90.15	22	IAMB	IAMB		01 50 54.3 -0.3	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	O29M	Mount Kennedy	87.05	29	IAMB	IAMB	01 50 43.9	F30M	Barrier River	90.15	22	IAMB	IAMB		01 50 54.3 -0.3	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	O29M	Mount Kennedy	87.05	29	IAMB	IAMB	01 50 43.9	F30M	Barrier River	90.15	22	IAMB	IAMB		01 50 54.3 -0.3	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	O29M	Mount Kennedy	87.05	29	IAMB	IAMB	01 50 43.9	F30M	Barrier River	90.15	22	IAMB	IAMB		01 50 54.3 -0.3	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	O29M	Mount Kennedy	87.05	29	IAMB	IAMB	01 50 43.9	F30M	Barrier River	90.15	22	IAMB	IAMB		01 50 54.3 -0.3	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	O29M	Mount Kennedy	87.05	29	IAMB	IAMB	01 50 43.9	F30M	Barrier River	90.15	22	IAMB	IAMB		01 50 54.3 -0.3	
QSPA	South Pole Qui	84.50	180	P	P	01 50 27.0 -0.7	O29M	Mount Kennedy	87.05	29	IAMB	IAMB	01 50 43.9	F30M	Barrier River	90.15</						

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like L59A, J61A, DWPF, LCO, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like YULB, YULB, TWFI, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EMLD, Haiduan, EGFW, etc.

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

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

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SANVU, DZM, EIDS, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CTAO, ARMA, COEN, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FITZ, MNAI, GSPA, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MLPR, CERRILLOS, CABO ROJO, etc.

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

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

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PMG, SIJI, SIJI, etc.

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

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CO06, CO06, CO06, etc.

RSRP 07 02:26:38.2, 17.92N-66.85W, h8km, MD2.6/9
NEIC 07 02:26:38.1, 17.83N-0.03-66.80W, 0.01, h10km, 2km,
ML2=2.4, MD2.6/9(RSPR), 10D, Error ellipse:
s-maj=4.4km s-min=3.0km az=4.0, Puerto Rico region

SJA 07 02:31:54.4, 0.7, 30.80S-71.47W, h32km, 1km, ML3.3,
MWV3.5
GUC 07 02:31:56.4, 0.6, 30.85S-71.32W, h56km, 2km, ML3.4
ISC 07 02:31:57.2, 1.0, 30.87S-0.02-71.40W, 0.04, h32km, 8km,
n57, 1:07/95, 4C, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBIP Cabo Rojo, PR, Cerrillos, Puerto Rico Se, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRSN Puerto Rico Se, Experimental S, Esperanza - Ma, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HSPB Hornsund (broa), BJO1 Bjornoya, BEA1 Bear Island, N, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HEL 07 04:05:18.3, 1.2, 67.87Rn, 33.66E, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BUI 07 04:31:50.0, 80.10N, 0.20W, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEEM North Greenland, SCG Scoresbysund, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOLA 07 04:05:51.7, 67.64N, 33.69E, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOLA 07 04:31:53.9, 80.32N, 9.33E, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KIF Kilpisjärvi, KAT1 Kautokaino, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RSPR 07 04:12:50.2, 17.81N, 66.90W, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KBS Kingsbay, KRS Kingsbay, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RSPR 07 04:13:03.9, 0.6, 17.91N, 0.03, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MORB Moi Rana, NUUG Nuugaatsiaq, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SPA0 Spitsbergen A, SPA0 Spitsbergen A, etc.

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

Table with columns: SFJD, Kangerlussuaq, 18.39 254, P, P, 04 36 00.5 -7.0, etc. Includes stations like SFJD, RES, HYA, NC204, etc.

Table with columns: MNK, Minsk, 27.21 143, i, P, 04 37 37.2 +1.0, etc. Includes stations like MNK, SUW, OBIN, etc.

Table with columns: PVCC, TANN, CHVC, etc. Includes stations like PVCC, TANN, CHVC, etc.

7d 4h

2020 JAN

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Table with columns for ZVC, comp, station name, frequency, and various status indicators (eP, pW, AMS, etc.).

Table with columns for station name, frequency, and various status indicators (eP, pmax, AMS, etc.).

Table with columns for station name, frequency, and various status indicators (ePcP, AMS, etc.).

7d 4h

Table with columns: MOY, MONDAY, 41.43 67 eP, P, 04 39 40.3 +1.2, etc. Lists various stations and their performance metrics.

2020 JAN

Table with columns: GNI, GARNI, 43.38 128 P, P, 04 39 54.9 -0.2, etc. Lists various stations and their performance metrics.

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Table with columns: WMQ, AVE, NIKH, LAO, GRNR, etc. Lists various stations and their performance metrics.

Table with columns for station call letters, frequency, name, and various signal quality metrics (LR, IAmB, etc.). Includes stations like XLT, BW06 Boulder Array, PDAR Pinedale Array, etc.

Table with columns for station call letters, frequency, name, and various signal quality metrics. Includes stations like ELK Elko, ASAJ Asahikawa, WWT Waverly, etc.

Table with columns for station call letters, frequency, name, and various signal quality metrics. Includes stations like DL2 Dalian, MNRC McLaughlin Min, 152A Waverly Hall, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OPRZ, RTZ, MUGZ, TARZ, RRRZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CANT, KZCM, KZCM, BBAL, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSNB, FRG, TSTA, OSH, etc.

RSPR 07 04:48:18.8, 17.88N, 66.78W, h6km, MD2.9/13
NEIC 07 04:48:18.7, 17.87N, 66.76W, 0.01, h10km, 3km,
ML3, 0/24, MD2.9/13(RSPR), Error ellipse: s-maj=5.3km
s-min=1.6km az=179.0

ISC 07 04:48:19.0, 1.3, 17.89N, 0.05:66.77W, 0.02, h12km, 7km,
n38, +048/56, 2C-8D, Puerto Rico region

Main table for Puerto Rico region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR, CRPR, MLPR, etc.

Main table for Tajikistan region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAFR, KIRK, etc.

JMA 07 05:12:6.0, 1.272N, 0.8:14.1E, h185km, MV4.2/13,
NEAR CHICHIJIMA ISLAND, Bonin Islands region

Table for Chichijima Island region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBJ, JHH, etc.

AFAD 07 05:01:05.1, 40.12N, 33.28E, h7km, 2km, MW3.8
ISK 07 05:01:05.6, 40.09N, 33.26E, h8km, ML3.8/29
IDC 07 05:01:08.9, 1.2, 40.00N, 33.58E, h21km, 13km, mb3.5/5,
mbtm3.5/10, ML3.2/5, Error ellipse: s-maj=1.8km
s-min=15.8km az=21.0

CFUSG 07 05:01:08.4, 40.12N, 33.32E, h35km, Mb3.1/3, MD3.0/3,
MSH2.9/3

ISC 07 05:01:05.9, 1.1, 40.11N, 0.02:33.29E, 0.02, h3km, 8km,
n99, +1958/125, mb3.5/3, 7C-7D, Turkey

Table for Turkey region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GOKD, KRGN, etc.

ISU 07 05:01:45, 40.96N, 71.74E, h11km
KRNET 07 05:01:47.5, 0.1, 40.99N, 71.70E, h35km, mb2.4
SOME 07 05:01:47.4, 41.13N, 71.72E, h5km
NMC 07 05:01:49.4, 2.8, 41.18N, 71.73E, h0km, mb3.1, mpv3.0,
Error ellipse: s-maj=23.5km s-min=8.6km az=177.0

ISC 07 05:01:46.4, 1.1, 40.97N, 0.03:71.76E, 0.02, h5km, 10km,
n22, +082/37, 12C-8D, Tajikistan

Table for Tajikistan region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKTO, GERES, etc.

RSPR 07 05:06:16.6, 17.92N, 66.81W, h11km, MD2.7/13
NEIC 07 05:06:15.4, 0.9, 17.87N, 66.80W, 0.01, h16km, 1km,
ML2.8/23, MD2.7/13(RSPR), 9C-4D, Error ellipse:
s-maj=4.5km s-min=1.6km az=177.0, Puerto Rico
region

Main table for Puerto Rico region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR, CRPR, MLPR, etc.

7d 5h

Table with columns: HUMP, Col San Antoni, 0.95 73f, IAML, 05 06 51.0, 05 06 52.0

IDC 07 05:10:51.8:0.7,30.86N:142.14E,h0km,mb3.9/15, mbmp3.9/17,ML3.2/2,MS3.4/1,Error ellipse: s-maj=22.0km s-min=17.3km az=62.0

JMA 07 05:10:53.2:0.3,30.9N:140.142E,h52km,MV4.2/19, NEAR TOICSHI4.5

NEIC 07 05:10:54.0:1.1,30.82N:142.14E:1.0:1.1,h10km,1km, mb4.6/24,Error ellipse: s-maj=18.7km s-min=10.3km az=70.0

ISC 07 05:10:55.3:0.5,30.82N:142.0E:0.1:h24km,m62, #152/60,mb4.1/26,Southeast of Honshu

Main table for the first section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

2020 JAN

Table with columns: UZB, Uzynbulak, 0.60 10, eP, Pg, 05 13 49.2 -1.1, 05 13 57.8 -0.5, 05 13 49.9 -0.7, 05 13 58.5 -0.2, 05 13 56.2 +0.9, 05 14 09.1 +2.5, 05 13 55.8 +0.5, 05 14 09.2 +2.5, 05 13 54.9 -1.0, 05 14 06.4 -1.1, 05 13 55.1 -1.3, 05 14 07.9 -0.6, 05 13 59.6 -1.3, 05 14 15.1 -0.8, 05 14 03.6 -0.7, 05 14 21.8 +0.2, 05 14 05.1 -0.2, 05 14 25.0 +0.1, 05 14 29.1 +0.4, 05 14 10.4 -0.4, 05 14 33.9 -0.6, 05 14 11.5 -0.6, 05 14 35.4 -1.6, 05 14 11.8 -0.5, 05 14 36.4 -0.9, 05 14 13.3 0.0, 05 14 39.2 -0.4, 05 14 14.7 -0.3, 05 14 41.7 -0.7, 05 14 14.6 -0.3, 05 14 41.3 -1.1, 05 14 17.2 -1.1, 05 14 46.3 +0.9, 05 14 19.2 +0.5, 05 14 49.3 -0.1, 05 14 21.5 -0.3, 05 14 53.0 +1.7

GCG 07 05:17:30.7:2.0,13.71N:93.07W,h38km,999km,MD4.1, ML4.0, Presumed earthquake

MEX 07 05:17:32.1:1.4,13.73N:93.14W,h18km,30km,MD4.3

ISC 07 05:17:26.4:3.1,13.58N:93.05W:0.04,h5km,18km, n5, #2549/62, Off coast of Chiapas

Main table for the second section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

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Table with columns: BARC, Barichara, 0.23 186, P, Pn, 05 18 15.9 -0.3, 05 18 13.2 -0.4, 05 18 17.8 +0.4, 05 18 33.7 -0.1, 05 18 18.8 +0.2, 05 18 5.6 -0.2, 05 18 20.0 -0.4, 05 18 37.9 -1.0, 05 18 22.6 -0.8, 05 18 43.7 -0.6, 05 18 24.5 -0.1, 05 18 43.0 +1.2, 05 18 29.4 -0.2, 05 18 46.5 -0.9, 05 18 34.0 -0.3, 05 19 03.3 -0.4, 05 19 27.6 +0.7, 05 19 08.2 -0.1, 05 18 36.1 -1.2, 05 19 05.7 -3.4, 05 18 39.2 -0.9, 05 19 13.4 -0.7, 05 18 43.0 +1.2, 05 19 17.5 +0.2, 05 18 43.7 +1.7, 05 19 19.5 +1.9, 05 18 44.0 +0.8, 05 19 17.4 -2.3, 05 19 17.9 -2.7, 05 18 46.1 +0.3, 05 19 23.9 -0.5, 05 18 46.7 +0.5, 05 19 23.9 -0.5, 05 18 45.4 -1.0, 05 19 21.2 -4.2, 05 18 49.4 -0.7, 05 19 31.7 -0.4, 05 18 50.2 -0.1, 05 19 28.9 -0.2, 05 18 50.2 -0.2, 05 19 31.5 -1.2, 05 18 51.7 +0.2, 05 19 33.5 -1.1, 05 18 49.8 -1.8, 05 19 33.5 -1.1, 05 18 52.9 -0.1, 05 19 36.9 -0.3, 05 18 59.1 -0.3, 05 19 03.6 +0.5, 05 19 17.4 -2.3, 05 19 53.7 -3.9, 05 19 03.1 -2.2, 05 19 56.1 -3.3, 05 19 06.3 -2.8, 05 19 09.8 +0.2, 05 20 06.5 -0.6, 05 19 11.0 -0.6, 05 20 07.0 -3.7, 05 19 16.5 +0.2, 05 19 18.2 -0.8, 05 19 18.7 -0.8, 05 19 27.4 +1.0, 05 20 35.8 -1.4

RSNC 07 05:19:42.1:0.0,7N:17.3W,h147km,1km,M3.5,mb4.8, mb4.1,ML3.1,ML3.6,Mw(mb)4.0,Northern Colombia

Main table for the third section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC

SOME 07 05:13:37.5:42.55N:78.88E,h5km NNC 07 05:13:38.0:7.42,60N:78.93E,h0km,mb3.5,mpv2.8, Error ellipse: s-maj=4.8km s-min=1.9km az=164.0

RSNC 07 05:17:55.9:0.0,7N:17.3W,h147km,1km,M3.4,mb4.6, mb3.9,ML3.0,Mw(mb)3.8,Northern Colombia

NNC 07 05:23:08.2:0.9,42.98N:80.16E,h0km,mb2.3,mpv3.1, Error ellipse: s-maj=5.4km s-min=4.0km az=158.0

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

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

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

NOU 07 05:34:23.7, 14.95S:168.68E, h31km, MLv4.8/12, Vanuatu Islands
IDC 07 05:34:27.6, 2.1, 15.42S:168.23E, h0km, mb3.9/3, mbtmp3.9/4, ML4.0/1, Error ellipse: s-maj=61.1km

RSPR 07 05:47:16.0, 17.93N:66.79W, h9km
NEIC 07 05:47:16.1, 17.93N:0.02:66.78W:0.01, h8km, 4km, ML2.5/23, ML2.4(RSPR), 1C-8D, Error ellipse: s-maj=3.1km s-min=1.1km az=150.0, Puerto Rico region

BJI 07 06:05:17.0, 2.35N:96.40E, h10km, mb6.3/68, mb5.9/92, M6.5/76, M6.7/86
PTWC 07 06:05:18.2, 2.20N:96.20E, h10km, Mwp6.3/7
NEIC 07 06:05:19.3, 1.86N:95.96E, h16km, Moment Tensor

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Chichijima, Kuroka, Kurchatov, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Charters Tower, Art Tunnel, Vohtsoka, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like YSS, GNI, GARNI, etc.

F19K	Shalercukik Mo	94.05	22	Iamb	Iamb	06 18 42.6
F19K	Shalercukik Mo	94.05	22	P	P	06 18 36.0 -0.2
TORD	Torodi Ar. Bea	94.07	283	P	P	06 18 37.4 0.0
TORD	Torodi Ar. Bea	94.07	283	P	P	06 18 37.6 +0.4
TORD	Torodi Ar. Bea	94.07	283	P	P	06 18 36.5 -0.9
E19K	Redstone River	94.09	22	P	P	06 18 36.8 +0.4
ECHE	Chera	94.22	310	P	P	06 18 37.5 -0.2
E20K	Nigu River	94.24	21	P	P	06 18 37.6 +0.4
H18K	Honhosa River	94.26	24	Iamb	Iamb	06 18 43.8
H18K	Honhosa River	94.26	24	P	P	06 18 37.3 0.0
H18K	Honhosa River	94.26	24	P	P	06 18 37.5 +0.1
O14K	Tigyukauiv M	94.30	30	P	P	06 18 38.2 +0.7
B21K	Ikarpod River	94.36	19	Iamb	Iamb	06 18 44.4
B21K	Ikarpod River	94.36	19	P	P	06 18 37.9 +0.3
J17K	VAMBI Dome	94.40	26	Iamb	Iamb	06 18 52.7
J17K	VAMBI Dome	94.40	26	P	P	06 18 38.5 +0.6
C21K	Knifblade Rid	94.45	20	P	P	06 18 38.6 +0.5
CART	Cartagena	94.47	308	P	P	06 18 36.2 -2.6
G19K	Purcell Mouna	94.51	23	Iamb	Iamb	06 18 45.0
G19K	Purcell Mouna	94.51	23	P	P	06 18 38.5 +0.1
B22K	Teshpekuk Lake	94.51	19	Iamb	Iamb	06 18 44.8
B22K	Teshpekuk Lake	94.51	19	P	P	06 18 38.5 +0.2
S12K	Black Hills	94.58	34	P	P	06 18 38.0 -0.9
L16K	Owhat River	94.62	28	Iamb	Iamb	06 18 45.7
L16K	Owhat River	94.62	28	P	P	06 18 39.2 +0.2
EMUR	La Murta	94.63	308	P	P	06 18 39.9 +0.3
N15K	Kwethluk River	94.68	29	Iamb	Iamb	06 18 46.0
N15K	Kwethluk River	94.68	29	P	P	06 18 40.0 +0.7
F20K	Avaraart Lake	94.77	22	P	P	06 18 40.0 +0.5
ETOB	Tobarra	94.78	309	P	P	06 18 41.8 +1.5
K17K	Iditarod	94.91	26	IAMS_20	IAMS_20	07 05 03.6
K17K	Iditarod	94.91	26	P	P	06 18 41.0 +0.8
H19K	Roundabout Mou	94.93	24	IAMS_20	IAMS_20	07 02 49.2
H19K	Roundabout Mou	94.93	24	P	P	06 18 40.9 +0.6
E21K	Killik River	94.96	20	Iamb	Iamb	06 18 46.8
E21K	Killik River	94.96	20	P	P	06 18 40.7 +0.2
GCSA	Galena City Sc	94.98	24	P	P	06 18 41.0 +0.5
161K	Timber Creek	95.03	28	Iamb	Iamb	06 18 47.5
M16K	Timber Creek	95.03	28	P	P	06 18 41.5 +0.6
O15K	Ungalikthiuk R	95.04	30	P	P	06 18 40.7 -0.2
L17K	Donlin	95.06	27	P	P	06 18 41.8 +0.9
SNA4	Sanae	95.11	198	P	P	06 18 41.5 +0.4
SNA4	Sanae	95.11	198	P	P	06 35 39.8 +1.3
SNA4	Sanae	95.11	198	P	P	06 58 01.4
N16K	Nishilik Lake	95.25	29	P	P	06 18 42.7 +0.8
D22K	Aiykyak River	95.26	20	Iamb	Iamb	06 18 48.5
D22K	Aiykyak River	95.26	20	P	P	06 18 42.3 +0.6
J18K	Innok River	95.41	26	Iamb	Iamb	06 18 49.0
J18K	Innok River	95.41	26	P	P	06 18 42.7 +0.2
SDPT	Sand Point	95.53	34	P	P	06 18 43.1 -0.1
SDPT	Sand Point	95.53	34	P	P	06 18 42.3 -0.9
F21K	Alatna River	95.54	22	Iamb	Iamb	06 18 49.4
F21K	Alatna River	95.54	22	P	P	06 18 43.1 0.0
H20K	Anotleneega Mo	95.57	23	P	P	06 18 43.9 +0.6
C23K	Iklikik River	95.59	19	Iamb	Iamb	06 18 49.7
C23K	Iklikik River	95.59	19	P	P	06 18 43.6 +0.4
M17K	Holitna River	95.64	28	Iamb	Iamb	06 18 50.7
M17K	Holitna River	95.64	28	P	P	07 09 08.5
M17K	Holitna River	95.64	28	P	P	06 18 44.4 +0.7
J19K	Poorman	95.72	25	IAMS_20	IAMS_20	07 03 21.5
J19K	Poorman	95.72	25	P	P	06 18 44.7 +0.7
L18K	Granite Mouna	95.77	27	Iamb	Iamb	06 18 51.0
L18K	Granite Mouna	95.77	27	P	P	06 18 44.8 +0.6
G21K	Allakaket	95.77	22	IAMS_20	IAMS_20	07 04 25.3
G21K	Allakaket	95.77	22	P	P	06 18 44.4 +0.3
O16K	Kokwok River B	95.80	30	Iamb	Iamb	06 18 50.8
O16K	Kokwok River B	95.80	30	P	P	06 18 44.4 0.0
E22K	Anaktuvuk Pass	95.82	20	Iamb	Iamb	06 18 58.8
E22K	Anaktuvuk Pass	95.82	20	P	P	06 18 44.5 +0.1
D23K	Nanushuk River	95.90	20	Iamb	Iamb	06 18 51.6
D23K	Nanushuk River	95.90	20	P	P	06 18 45.3 +0.7
I20K	Naaghedeneel	95.95	24	IAMS_20	IAMS_20	07 09 13.1
I20K	Naaghedeneel	95.95	24	P	P	06 18 45.9 +1.0
P16K	Nushagak River	95.99	30	P	P	06 18 45.4 +0.4
N17K	Nushagak Hills	96.00	28	Iamb	Iamb	06 18 52.2
N17K	Nushagak Hills	96.00	28	P	P	06 18 44.4 -0.6
N17K	Nushagak Hills	96.00	28	P	P	06 18 54.7 -0.3
N17K	Nushagak Hills	96.00	28	P	P	06 18 54.7 -0.4

N17K	Nushagak Hills	96.00	28	P	P	06 18 46.0 +0.7
CHNA	Chernabura Isl	96.14	34	P	P	06 18 48.5 +2.5
CHNA	Chernabura Isl	96.14	34	P	P	06 18 45.7 -0.3
O17K	Koilganek Bris	96.24	29	P	P	06 18 46.8 +0.5
C24K	Franklin Bluff	96.25	19	Iamb	Iamb	06 18 59.6
C24K	Franklin Bluff	96.25	19	P	P	06 18 46.5 +0.4
J20K	Nowinta River	96.28	25	Iamb	Iamb	06 18 53.4
J20K	Nowinta River	96.28	25	P	P	06 18 47.3 +0.8
H21K	Melozitna Rive	96.33	23	P	P	06 18 47.4 +0.7
M18K	Stony River	96.36	27	P	P	06 18 47.4 +0.5
G22K	Bettles	96.37	22	P	P	06 18 46.6 -0.3
TOLK	Toolik Lake Re	96.40	20	Iamb	Iamb	06 18 53.6
TOLK	Toolik Lake Re	96.40	20	P	P	06 18 47.5 +0.5
D24K	Happy Valley	96.44	19	P	P	06 18 47.1 0.0
ESDC	Sonsae Array	96.50	310	P	P	06 18 47.4 -0.7
ESDC	Sonsae Array	96.50	310	P	P	06 18 48.0 -0.2
ESDC	Sonsae Array	96.57	28	IAMS_20	IAMS_20	07 09 49.6
N18K	Kilae Creek	96.57	28	P	P	06 18 48.0 +0.1
K20K	Telida	96.57	25	IAMS_20	IAMS_20	07 08 01.5
K20K	Telida	96.57	25	P	P	06 18 48.5 +0.7
R16K	Pilot Point	96.58	31	IAMS_20	IAMS_20	07 10 30.5
R16K	Pilot Point	96.58	31	P	P	06 18 47.9 0.0
L19K	White Mountain	96.60	27	IAMS_20	IAMS_20	07 05 36.9
L19K	White Mountain	96.60	27	P	P	06 18 48.2 +0.2
E23K	Chandalar	96.61	20	Iamb	Iamb	06 19 02.7
E23K	Chandalar	96.61	20	P	P	06 18 48.4 +0.4
P17K	Kvichak River	96.72	30	IAMS_20	IAMS_20	07 06 52.8
P17K	Kvichak River	96.72	30	P	P	06 18 48.8 +0.2
COLD	Coldfoot	96.73	21	P	P	06 18 49.0 +0.5
Q16K	King Salmon	96.75	30	P	P	06 18 47.9 -0.8
H22K	Ishlitalina Cre	96.80	23	Iamb	Iamb	06 18 55.8
H22K	Ishlitalina Cre	96.80	23	P	P	07 08 25.1
H22K	Ishlitalina Cre	96.80	23	P	P	06 18 49.3 +0.4
E24K	Your Creek	97.00	20	P	P	06 18 49.5 -0.3
G23K	Banaza Creek	97.00	22	Iamb	Iamb	06 19 04.4
G23K	Banaza Creek	97.00	22	P	P	06 18 50.2 +0.4
O18K	Koktuh Hills	97.13	29	P	P	06 18 50.8 +0.3
CHUM	Lake Minchumin	97.14	25	P	P	06 18 51.0 +0.6
D25K	Kavik River	97.16	19	Iamb	Iamb	06 19 00.2
D25K	Kavik River	97.16	19	P	P	06 18 50.8 +0.3
N19K	Bonanza Creek	97.19	28	Iamb	Iamb	06 18 57.5
N19K	Bonanza Creek	97.19	28	P	P	06 18 51.1 +0.2
R17L	Mt. Peulik Vol	97.19	31	P	P	06 18 49.9 -0.9
PLK4	Peulik 4	97.19	31	IAMS_20	IAMS_20	07 10 58.4
Q17K	Contact Creek	97.26	31	P	P	06 18 50.9 -0.2
P18K	Big Mountain,	97.26	29	IAMS_20	IAMS_20	07 11 04.0
P18K	Big Mountain,	97.26	29	P	P	06 18 50.7 -0.4
C26K	Carsten Bay	97.34	18	P	P	06 18 51.7 +0.4
F24K	Squaw Lake	97.40	20	P	P	06 18 52.0 +0.2
O19K	Port Alsworth	97.46	28	Iamb	Iamb	06 18 57.9
O19K	Port Alsworth	97.46	28	P	P	06 18 51.5 -0.4
M20K	Styx River	97.46	27	IAMS_20	IAMS_20	07 06 14.2
M20K	Styx River	97.46	27	P	P	06 18 52.3 +0.2
PPLA	Purkeypile	97.53	25	IAMS_20	IAMS_20	07 08 50.9
PPLA	Purkeypile	97.53	25	P	P	06 18 52.4 0.0
BPAW	Bear Paw Mtn.	97.61	24	IAMS_20	IAMS_20	07 06 56.7
BPAW	Bear Paw Mtn.	97.61	24	P	P	06 18 52.6 0.0
KTH	Kantishna Hill	97.84	25	IAMS_20	IAMS_20	07 06 12.8
C27K	Jago River	97.85	18	Iamb	Iamb	06 19 00.4
C27K	Jago River	97.85	18	P	P	06 18 54.1 +0.6
I23K	Minto, Yukon-K	97.86	23	Iamb	Iamb	06 19 08.1
I23K	Minto, Yukon-K	97.86	23	P	P	06 18 53.7 0.0
G24K	Hadwezeic Riv	97.93	21	P	P	06 18 54.1 +0.1
E25K	Arco Village	97.96	20	P	P	06 18 53.9 -0.2
MDT	Midelt	98.00	303	LR	LR	07 07 51.1
CHIR	Chirikof Islan	98.08	33	IAMS_20	IAMS_20	07 10 46.2
CHIR	Chirikof Islan	98.08	33	P	P	06 18 55.0 +0.2
SPCR	Spurr Chachaka	98.11	27	P	P	06 18 54.4 -0.6
TRF	Thorofore Moun	98.14	25	Iamb	Iamb	06 19 09.2
TRF	Thorofore Moun	98.14	25	P	P	06 18 54.9 -0.2
SKT	Skwentna	98.14	26	Iamb	Iamb	06 19 00.3
SKT	Skwentna	98.14	26	P	P	06 18 54.3 -0.7
H24K	Noodor Dome	98.14	22	IAMS_20	IAMS_20	07 12 26.7
H24K	Noodor Dome	98.14	22	P	P	06 18 54.7 -0.3
P19K	Oil Pt	98.15	29	IAMS_20	IAMS_20	07 06 54.5
P19K	Oil Pt	98.15	29	P	P	06 18 54.7 -0.4

F25K	Christian Rive	98.18	20	P	P	06 18 55.5 +0.4
Q19K	Cape Douglas,	98.18	30	P	P	06 18 54.6 -0.6
NEA2	Nezana	98.19	23	IAMS_20	IAMS_20	07 10 51.1
NEA2	Nezana	98.19	23	P	P	06 18 54.7 -0.4
O20K	Slope Mountain	98.30	28	P	P	06 18 55.4 -0.3
NEEM	North Greenlan	98.33				

Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like VT1 Waterbury, LONY Lake Ozona, DANC Danby, Needles, ECSD EROS Data Cent, PFO Pinyon Flats O, I62A Tamworth, SADO Sadowa, I37A Lemond, H43A Windswept, J61A Chester, ISCO Idaho Springs, NBPA Parau, I42A Draeger Farm, OGNB Ogallala, I45A Fountain, J57A Williamstown, K62A Royalston, HRV Adam Dzwonkowski, WES Weston, NBT Tazara, AY03 Cochran, TRY Troy, J55A Hilton, L61B Northampton, MVCO Mesa Verde, L34A Svendsen Farm, L64A Middleborough, BGNE Belgrade, RIB01 Linhares ES, JFW5 Jewell Farm, S22A 4UR Ranch, GUA01 Guaratinga, CMCO1 Camacan, K57A Scipio, M65A Busby, M65A Busby, L59A Walton, BSFB Barra de Sao F, M63A Gales Ferry, SDCO Great Sand Dun, L56A Greenwood, SJMB Sao Joao De Ma, L42A Oliver, WSPT Westport CT, COYC Coyhaique, N62A Caumsett State, PAL Palisades, M57A Sunshine Farm, N38A Jones South For, CBK5 Cedar Bluff, N58A Sunbury, N41A Harden Midland, SSPA Standing Stone, N51A Ashland, N49A Columbus Grov, N53A Lisbon, HDIL Hopedale, ANMO Albuquerque, ANMO Albuquerque, P38A Dawn, P61A Hammonnton, AC90 Alum Creek Sta, O49A Covington, DIAM Diamantina, N43A Skaggs, PNPB Pedro I, BSCB Bom Sucesso, R40A Maddies, R61A Willards, Q52A Bidwell, SPB Sao Paulo, SPB Sao Paulo, S39A Bolivar, CCM Cathedral Caves, CBN Corbin Frederi, AMTX Amarillo, TRQA Torquist, S61A Acomas, R50A Paris, EPT El Paso, RCLB Rio Claro-Sa, OK029 Liberty Lake, PLCA Paso Flores, PLCA Paso Flores, S54A Dingess, S54A Dingess.

Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like LLO3 Petrohue, T42A Van Buren, MNTX Cortinas Mount, SDBA SAO DESIDERIO, WMOK Wichita Mount, T45A Sharon Grove, T47A Sharon Grove, ITAB Paducah, BB19B Beddeduro, LR04 Corral, V61A Roper, IPMB Ipaneri, V48A Smith Brothers, ABTX Abilene, TKL Tuckaleehoe, ZKSA Perchaven, PTGB Pitanga, BDFB Brasilia, BDFB Parkwick Lake, W50A Signal Mount, PLAL Parkwick Lake, W52A Murphy, X58A Rowland, TXAR Lajitas Array, TXAR Lajitas Array, X48A Hartselle, X51A Calhoun, WHTX Lake Whitney, SLBS Sierra La Lagu, SLBS Sierra La Lagu, SMTB Santa Maria Du, JCT Junction City, Y49A Blount Mountain, 143A Soes Landing, Z47A Carrollton, GOGA Godfrey, MLO2 Panimidi, RPN Rapa Nui, 152A Waverly Hill, CPUP Villa Florida, AMBA Amambal, BO02 Sierra Lavani, C25B Chapadao Du Su, 250A Grady, 257A Skidawau, HKT Hockley, HKT Hockley, 346A Araguaiana, 346A Sig Caram, PRPB Parauapebas, BO04 La Punta, TIGA Tifton, MT09 Talagante, SNDB Serra Nova Duo, VA05 Santo Domingo, MT02 Curacav, AQDB Aquidauana, VA06 Catalipico, PPIB Ponte de Pedra, BDQN Sododade, VA04 Juan Fernandez, CO02 Combarbal, SALV Santo Antonio, CO06 Fray Jorge, DWPF Disney Wildern, CO05 La Seren, ANWB Willy Bob, LCO Las Campanas, LCO Las Campanas, CLDB Colider, ABD La Joyeuse, MAGL Barre de l'ile, NPGB Novo Progresso, CBE Ft. Capeser, AC04 Llanos de Chal, BBGH Gun Hill, SEUS St. Eustasius, SABA Saba, GO03 Copo, PDRB Porto dos Gac, 061Z Ohoppji, AC02 Maricunga, AC06 Mina Casimiro, ITTB Itaituba, PTLB Pontes e Lacer, AC01 Pan de Azucar, GRTK Grand Turk, SJG San Juan, UNM Universidad Na, GO02 Mina Guanaco, V14B IPOC Station P, WBIL Wabun, AF01 San Pedro de A, PB10 IPOC Station P.

Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like PB06 IPOC Station P, SDDR Presa de Saban, PB05 IPOC Station P, PB09 IPOC Station P, GTBY Guantanamo Bay, BOAV Boa Vista, BOAV IPOC Station P, PB01 IPOC Station P, PB02 IPOC Station P, TEIG Tepich, PB08 IPOC Station P, PATCX Punta Patache, TA01 Diego Aracena, CMIG Matias Romero, CMIG Punta Patache, GO01 Chuzima, PB16 IPOC Station P, PB12 IPOC Station P, LPAZ La Paz, LPAZ La Paz, LPAZ Chacalluta, PB18 Visiviri, TEFEE Tepich, APG EI Apazote, SDV Santo Domingo, ROSC EI Rosal, ROSC EI Rosal, ROSC EI Rosal, OTAV Otavalo, SDD 07 06:10:35.6, OSPL 07 06:10:36.0, ISC 07 06:10:34.8, Code Station Name, LONE3 EI Aguacate, LONE3 EI Aguacate, LONE3 EI Aguacate, JIDR Jimani, JIDR Jimani, NEDR Neiba UAS, NEDR Neiba UAS, SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban, LOU01 EI Espartillar, LOU01 EI Espartillar, LOU01 EI Espartillar, PODR Polo, PODR Polo, PODR Polo, JMA 07 06:13:08.1, RSNC 07 06:20:28.9, Code Station Name, URMCC La Uribe, Meta, PRAC Prado, PRAC Prado, PRAC Prado, VILC Villavicencio, VILC Villavicencio, CYER Cruz Verde, ORTC Ortega, ORTC Ortega, ORTC Ortega, CHIC Chingaza, CHIC Chingaza, CHIC Chingaza, MACC Macarena, MACC Macarena, MACC Macarena, ANIL Santa Ana, ANIL Santa Ana, GARC Garzon, Hulla, GARC Villamarica, YOTC Yotoco, YOTC Yotoco, YOTC Yotoco, YOTC Yotoco, YOTC Yotoco, JPMC Jamundi, JPMC Popayana, RUSC La Rusia, IDC 07 06:24:50.6, MKAR Makanchi Array, SONM Sengio Array, KUBBB Kurchatov Arra.

2020 JAN

Table with columns: 7d 8h, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JMK Ichinoseki, JIO Ouri, JOM Ohasama, etc.

IDC 07:08:24:24.3-0.3, 17.84N:66.83W, h0km, mb5.7/32, mbmp5.7/34, ML4.7/2, MS6.1/78, Error ellipse:

SDD 07:08:24:24.2-1.1, 17.75N:66.72W, h15km, mb5.0km, MD3.7, ML2.4, Presumed earthquake

MOS 07:08:24:24.2-1.1, 17.83N:66.80W, h10km, mb6.3/85, MS6.2/52, Error ellipse: s-maj=6.5km s-min=4.3km az=62.4

NEIC 07:08:24:25.0-1.3, 17.86N:0.04:66.83W, h0.02, h7km, 3km, mb6.3/852, ML6.0/30, Ms. 20 6.4/696, Mw6.6/3217, Mw6.6/4/40, Error ellipse: s-maj=6.0km s-min=3.2km az=172.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=2.56; Mth=3.57; Mtr=1.00; Mo=0.26; Mts 1.01; Mtr=0.94; Fault plane solution: M3.40000x10^18 NP1:0.55,07000:0.1, 122.31000:NP2:0.282,34000:0.46,68000:0.33,40000: Principal axes: T 3.812, Plg4.00000; Azm167.00000; N - 0.7991, Plg26.00000; Azm75.00000; P - 3.0131, Plg64.00000; Azm266.00000;

ISC-PP 07:08:24:25.17:86N:66.83W, h4km, Mwppsm6.6, Moment Tensor Solution. s39 Moment tensor: Scale 10^19Nm; Mr=0.89z.12; Mth=0.35z.17; Mtr=0.10z.09; Mo=0.07z.06; Mts 0.20z.17; Mtr=0.01z.05; Fault plane solution: M1.02000x10^18 NP1:0.175,80000:0.34,40000:0.260,30000:NP2:0.75000:0.56,20000:0.83,40000:

NEIC 07:08:24:26.6, 17.92N:66.81W, h10km RSPR 07:08:24:26.8, 17.92N:66.81W, h7km BJI 07:08:24:26.6, 17.90N:66.80W, h10km, mb6.6/62, MS6.8/87, Ms7.6/63

GFZ 07:08:24:26.7, 17.80N:66.80W, h11km, MW6.3, Moment Tensor Solution. s40 Moment tensor: Mr=2.89; Mth=3.14; Mtr=0.25; Mo=0.23; Mts 2.07; Mr=1.56; Fault plane solution: NP1:0.40,00000:0.58,00000:0.122,00000:NP2:0.271,00000:0.45,00000: Principal axes: T 4.2300, Plg7.00000; Azm153.00000; N - 0.5500, Plg27.00000; Azm59.00000; P - 3.6900, Plg61.00000; Azm257.00000;

NEIC 07:08:24:26.8, 18.12N:66.71W, h14km, Moment Tensor Solution. Duration: 8s. 1 Moment tensor: Scale 10^18Nm; Mr=3.75; Mth=4.33; Mtr=0.58; Mo=0.48; Mts 2.64; Mr=1.29; Fault plane solution: Ms 0.40000x10^18 NP1:0.267,76000:0.43,25000:0.58,04000:NP2:0.47,18000:0.54,45000:0.116,47000: Principal axes: T 5.5780, Plg6.00000; Azm156.00000; N - 1.3405, Plg21.00000; Azm63.00000; P - 4.2375, Plg68.00000; Azm261.00000;

NEIC 07:08:24:26.6, 17.92N:66.81W, h14km CATAC 07:08:24:27.4, 0.8, 18 N:3.6 W:1, h17km, 5km, M6.6/10, mb6.5/7, mb6.7/7, MLV6.9/10, Mw(mb)6.5/7, MwMw6.6/5/7, Mw6.5/7, Error ellipse: s-maj=6.8km s-min=2.5km az=16.3, confirm

IPGP 07:08:24:27.0, 17.93N:66.74W, h15km, Mw6.3, Fault plane solution: NP1:0.266,00000:0.44,00000:0.51,00000:NP2:0.38,00000:0.57,00000:0.122,00000:

INMG 07:08:24:27.4-4.4, 17.77N:66.85W, h10km, mb6.0, MS6.2, MW6.2, #DIST_RANGE: DISTANT

OSPL 07:08:24:28.8-1.6, 17.93N:66.83W, h0km, 21km, ML6.5, Presumed earthquake

RSNC 07:08:24:29.0-0.6, 18 N:5.6 W:1, h10km, M6.3, mb6.5, mb6.2, Mw(mb)6.3, MwMw6.3, Mw6.3 BGR 07:08:24:30.4, 16.97N:65.75W, h33km, mb6.2, mB_BB6.6, Ms6.6

GCMT 07:08:24:31.0-0.0, 18.02N:66.79W, h12km, MW6.4/163, Moment Tensor Solution. s149 c350; s163 c610; Duration: 37. Moment tensor: Scale 10^18Nm; Mr=3.19z.01; Mth=3.42z.01; Mtr=0.23z.02; Mo=0.71z.04; Mts 2.35z.01; Mr=1.50z.04; Best double couple: M=4.30700x10^18 NP1:0.267,00000:0.41,00000:0.54,00000:NP2:0.44,00000:0.58,00000: Principal axes: T 4.7840, Plg9.00000; Azm152.00000; N - 0.9600, Plg22.00000; Azm58.00000; P - 3.8290, Plg66.00000; Azm264.00000; nstai refers to body waves, cutoff=0.0s. nstai2 refers to surface/mantle waves, cutoff=0.05s. Triangular moment-rate function

ISC 07:08:24:25.1-0.4, 17.81N:0.02:66.79W, h0.02, h8km, 1km, h8km, pp-P, n2286, s168/2102, mb6.3/609, MS6.3/491, h16C-P22D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GBPR Guanica, BBSQ Bosqu, MLPR MaguYES Islan, etc.

Main table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MLPR MaguYES Islan, MLPR MaguYES Islan, MLPR Obispado Ponce, etc.

Main table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SDDR Presa de Saban, SDDR Presa de Saban, SDDR Presa de Saban, etc.

7d 8h

TLIG	Tipa	30.26 274	↑P	P	08 30 37.5 +0.6
CLDB	Colider	30.50 158	eP	P	08 30 40.5 +1.6
EF04	Eagle Ford 04	30.52 298	IAMB	IAMB	08 30 52.5
U38A	Gravelite	30.61 313	IAMB	IAMB	08 31 28.6
U38A	comp=Z,680nm,1.6s		IAMS_20	IAMS_20	08 43 17.2
UNM	Universidad Na	30.72 278	P	P	08 30 40.4 -0.8
UNM	comp=Z,400nm,1.1s		IAMB	IAMB	08 31 13.3
UNM	comp=Z,54um,19.0s		IAMS_20	IAMS_20	08 45 03.5
UNM	Universidad Na	30.72 278	P	P	08 30 40.4 -0.8
UNM	comp=Z,400nm,1.1s		Pmax	Pmax	
UNM	comp=Z,54um,19.0s		MLR	MLR	
P40A	Paris	30.79 320	IAMB	IAMB	08 30 45.8
P40A	comp=Z,461nm,0.9s		IAMS_20	IAMS_20	08 43 53.7
GLMI	Graying	30.80 335	IAMS_20	IAMS_20	08 41 59.2
GLMI	comp=Z,56um,19.0s				
GLMI	Graying	30.80 335	↑P	P	08 30 42.6 +1.3
HBVL	Hebbronville	30.80 293	IAMB	IAMB	08 30 55.6
HBVL	comp=Z,438nm,1.0s		IAMB	IAMB	08 30 46.1
N41A	Hardie Midland	30.82 323	IAMB	IAMB	08 30 46.1
H45A	Fountain	30.85 332	IAMS_20	IAMS_20	08 41 32.8
PDRB	Porto dos Gac	30.88 161	eP	P	08 30 43.9 +1.6
RLO	Rose Lookout	30.93 312	IAMB	IAMB	08 30 47.7
L42A	Oliver, Polo	31.03 326	P	P	08 30 42.6 -0.8
L42A	comp=Z,800nm,1.1s		IAMB	IAMB	08 30 54.3
EF02	Christine	31.04 296	P	P	08 30 43.3 -0.3
EF02	comp=Z,608nm,1.0s		IAMB	IAMB	08 30 56.8
WHTX	Lake Whitney	31.07 303	IAMB	IAMB	08 30 57.8
WHTX	comp=Z,373nm,0.9s		LR	LR	08 46 06.6
NNA	Nana	31.23 199	LR	LR	08 46 06.6
NNA	comp=Z,40um,19.1s,baz=8.5,slow=42		P	P	08 30 45.1 -0.3
NNA	Nana	31.23 199	P	P	08 30 47.2 +1.8
NNA	Nana	31.23 199d	Pmax	Pmax	
NNA	comp=Z,562nm,1.7s		MLR	MLR	
NNA	comp=Z,69um,18.0s		↑P	P	08 30 47.2 +1.8
NNA	Nana	31.23 199	↑P	P	08 30 47.8 +2.2
VILB	Vienna	31.26 311	eP	P	08 45 03.0
TUL3	Leonard	31.36 311	IAMS_20	IAMS_20	08 45 03.0
VLDO	Vai d'Or	31.45 346	IAMB	IAMB	08 30 52.4
VLDO	comp=Z,57um,19.0s				
ICQ	Pointe Anglais	31.64 359	P	P	08 30 47.4 -1.2
ICQ	comp=Z,402nm,0.9s		IAMB	IAMB	08 30 52.4
833A	Chaparral WMA	31.68 295	IAMB	IAMB	08 31 05.1
833A	comp=Z,273nm,0.9s				
P38A	Dawn	31.77 319	IAMB	IAMB	08 30 55.5
P38A	comp=Z,254nm,0.8s				
HND0	Hondo	31.85 297	IAMB	IAMB	08 31 04.5
HND0	comp=Z,649nm,1.2s				
JRQG	Juriquilla Cam	31.87 281	P	P	08 30 50.6 -0.7
H43A	Windswept, Lux	31.89 331	IAMB	IAMB	08 31 59.1
H43A	comp=Z,362nm,0.8s		IAMS_20	IAMS_20	08 42 04.2
E46A	Sault Ste Mari	31.96 337	P	P	08 30 51.4 -0.1
JFWS	Jewell Farm	31.97 326	↑P	P	08 30 51.8 +0.1
H42A	Draeger Farm	32.00 329	IAMS_20	IAMS_20	08 42 07.2
PLPT	Palo Pinto	32.03 304	IAMB	IAMB	08 31 00.7
PLPT	comp=Z,63um,22.0s				
BRDY	Brady	32.09 301	IAMB	IAMB	08 31 05.3
BRDY	comp=Z,424nm,1.2s				
OK052	Battle Ridge R	32.13 310	IAMS_20	IAMS_20	08 45 46.3
OK052	comp=Z,70um,19.0s				
DRLN	Deer Lake	32.26 11	IAMB	IAMB	08 30 52.8 -1.3
DRLN	comp=Z,401nm,1.0s				
DRLN	Deer Lake	32.26 11	↑P	P	08 30 54.9 +0.8
N38A	Joess South For	32.28 321	IAMB	IAMB	08 30 58.9
N38A	comp=Z,358nm,0.8s		IAMS_20	IAMS_20	08 44 51.0
N38A	comp=Z,57um,19.0s				
N38A	Smith Ranch, M	32.31 307	IAMB	IAMB	08 31 00.4
N38A	comp=Z,372nm,0.9s				
T35A	Sooner Cattle	32.34 312	IAMB	IAMB	08 30 59.9
T35A	comp=Z,586nm,0.9s		IAMS_20	IAMS_20	08 44 29.9
T35A	comp=Z,53um,20.0s				
OK048	Pawnee Station	32.42 311	IAMB	IAMB	08 31 07.8
OK048	comp=Z,665nm,1.2s		IAMS_20	IAMS_20	08 45 45.0
OK048	Witchita Falls	32.48 305	IAMB	IAMB	08 31 26.8
OK048	comp=Z,388nm,1.1s				
OK029	Liberty Lake	32.52 310	IAMS_20	IAMS_20	08 46 09.6
OK029	comp=Z,87um,19.0s				
JCT	Junction City	32.53 299	IAMB	IAMB	08 31 11.2
JCT	comp=Z,765nm,1.3s				
JCT	Junction City	32.53 299	↑P	P	08 30 56.7 -0.1
SMTB	Santa Maria do	32.59 143	eP	P	08 30 58.7 +1.3
MOIG	Morella	32.60 279	P	P	08 30 55.7 -2.0
MOIG	comp=Z,499nm,1.0s				
I40A	Norwalk	32.85 327	IAMB	IAMB	08 32 06.1
I40A	comp=Z,469nm,0.8s				
SCIA	State Center	32.95 322	IAMB	IAMB	08 31 08.0
SCIA	comp=Z,361nm,0.9s				
SCIA	State Center	32.95 322	↑P	P	08 31 00.4 +0.1
F42A	Maple Grove Fa	33.04 332	IAMS_20	IAMS_20	08 42 49.7
F42A	comp=Z,58um,21.0s				
WMOK	Wichita Mounta	33.08 307	IAMB	IAMB	08 31 12.0
WMOK	comp=Z,61nm,0.7s				
WMOK	Wichita Mounta	33.08 307	↑P	P	08 31 01.0 -0.6
SNDB	Serra Nova Dou	33.32 152	eP	P	08 31 05.3 +1.6
KAN01	Argonia South	33.34 312	IAMB	IAMB	08 31 09.0
KAN01	comp=Z,455nm,1.0s				
NBPS	Pedro II - PJ	33.35 129	eP	P	08 31 05.9 +1.8
KSU1	Kansas State U	33.48 315	IAMB	IAMB	08 32 20.8
KSU1	comp=Z,260nm,0.9s				
APMT	Aspermont	33.63 304	↑P	P	08 31 04.9 -0.0
G40A	Rib Lake	33.63 330	IAMB	IAMB	08 31 06.6
G40A	comp=Z,733nm,1.4s				
NBMO	Morrinhos-CE	33.71 126	eP	P	08 31 08.0 +0.9
OZNA	Ozona	33.75 299	IAMB	IAMB	08 31 21.9
OZNA	comp=Z,766nm,1.3s				
OK038	West end E0370	33.75 310	IAMS_20	IAMS_20	08 46 57.3
OK038	comp=Z,50um,20.0s				
N35A	Tabor	33.80 319	IAMS_20	IAMS_20	08 46 16.1
N35A	comp=Z,54um,20.0s				
ZAIG	Zacatecas	33.86 284	P	P	08 31 08.0 -0.9
ZAIG	comp=Z,61nm,0.7s				
PTLB	Pontes e Lacer	33.90 167	P	P	08 31 09.8 +1.1
PTLB	comp=Z,58um,21.0s				
PTLB	Pontes e Lacer	33.90 167	eP	P	08 31 09.8 +1.1
LPZA	La Paz	33.91 182	P	P	08 31 10.7 +1.1
LPZA	comp=Z,33nm,0.8s,baz=17,slow=9.4,SNR=85		LR	LR	08 46 36.9
LPZA	comp=Z,56um,19.8s,baz=346,slow=39				
LPZA	La Paz	33.91 182	P	P	08 31 09.8 +0.3
LPZA	La Paz	33.91 182	P	P	08 31 09.8 +0.3
LPZA	comp=Z,246nm,1.1s		Pmax	Pmax	
LPZA	La Paz	33.91 182	P	P	08 31 10.6 +1.1
LPZA	La Paz	33.91 182	↑P	P	08 31 10.6 +1.1
SIV	San Ignacio	34.05 170	P	P	08 31 11.3 +1.2
SIV	comp=Z,66nm,0.9s,baz=332,slow=10,SNR=87		ScP	ScP	08 37 35.6 +2.3
SIV	comp=Z,69nm,0.9s,baz=39,slow=2.5,SNR=7.4		LR	LR	08 45 41.6
SIV	comp=Z,102um,19.4s,baz=1.5,slow=58				
ELIS	Ellis County	34.08 309	IAMB	IAMB	08 31 17.1
ELIS	comp=Z,734nm,1.1s				
SMWD	Samnorwood	34.34 307	IAMB	IAMB	08 31 24.3
SMWD	comp=Z,256nm,0.7s				
DKNS	Dickens	34.37 304	IAMB	IAMB	08 31 27.2
DKNS	comp=Z,554nm,1.4s				
I37A	Lemond, Waseca	34.41 325	IAMB	IAMB	08 31 23.5
I37A	comp=Z,574nm,1.0s		IAMS_20	IAMS_20	08 47 45.2

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229A	Bryant Ranch,	34.59 301	IAMB	IAMB	08 31 29.6
229A	comp=Z,42um,18.0s				
R32A	Long Quarter	34.59 313	IAMS_20	IAMS_20	08 45 50.3
R32A	comp=Z,52um,20.0s				
129A	Stewart Farms,	34.81 302	IAMB	IAMB	08 31 21.8
129A	comp=Z,218nm,0.9s				
L34A	Svendsen Farm,	34.88 320	IAMB	IAMB	08 31 50.1
L34A	comp=Z,436nm,0.7s		IAMS_20	IAMS_20	08 46 41.9
SPMM	Marine on St.	34.90 327	IAMB	IAMB	08 31 27.6
SPMM	comp=Z,47um,20.0s				
MNHN	Nichans	35.21 299	IAMB	IAMB	08 31 33.1
MNHN	comp=Z,779nm,1.4s				
SALV	Santo Antonio	35.24 161	eP	P	08 31 22.0 +1.7
PB18	Visivri	35.28 184	IAMS_20	IAMS_20	08 46 20.7
PB18	comp=Z,439nm,19.0s				
128A	Castleberry Fa	35.31 302	IAMB	IAMB	08 31 34.3
128A	comp=Z,662nm,1.8s				
AMTX	Amarillo	35.36 306	↑P	P	08 31 21.4 -0.1
CBKS	Cedar Bluff	35.48 313	IAMB	IAMB	08 31 49.7
CBKS	comp=Z,558nm,0.9s		IAMS_20	IAMS_20	08 46 16.9
CBKS	Cedar Bluff	35.48 313	↑P	P	08 31 22.2 -0.1
TXAR	Lajitas Ar, Si	35.55 296	P	P	08 31 23.0 -0.1
TXAR	comp=Z,56nm,0.6s,baz=109,slow=9.4,SNR=302				
TXAR	comp=Z,105nm,0.9s,baz=124,slow=4.3,SNR=7.8		ScP	ScP	08 37 38.9 +0.2
TXAR	comp=Z,50nm,0.9s,baz=108,slow=4.3,SNR=14.4		LR	LR	08 48 20.5
TXAR	comp=Z,714nm,1.1s				
TXAR	Lajitas Array	35.55 296	P	P	08 31 23.1 0.0
TXAR	comp=Z,56nm,0.6s				
TPB05	Hovey Rd	35.58 298	IAMB	IAMB	08 31 38.3
TPB05	comp=Z,915nm,1.6s				
TPB06	Permian Basin	35.66 300	IAMB	IAMB	08 31 38.7
TPB06	comp=Z,847nm,1.2s				
BGNE	Belgrade	35.69 318	IAMB	IAMB	08 31 56.1
BGNE	comp=Z,312nm,0.8s				
PH02	Texas Public H	35.74 306	IAMB	IAMB	08 31 30.0
PH02	comp=Z,110um,1.1s				
TBO	Thunder Bay	35.83 334	IAMB	IAMB	08 31 29.3
TBO	comp=Z,566nm,1.2s				
MSTX	Muleshoe	35.93 304	IAMB	IAMB	08 31 31.3
MSTX	comp=Z,714nm,1.1s		IAMS_20	IAMS_20	08 48 46.2
MSTX	comp=Z,54um,18.0s				
TPB01	Permian Basin	35.97 298	IAMB	IAMB	08 31 40.2
TPB01	comp=Z,71um,1.5s				
PB16	IPOC Station P	36.02 184	IAMS_20	IAMS_20	08 47 05.3
PB16	comp=Z,40um,19.0s				
ECSD	EROS Data Cent	36.05 322	IAMB	IAMB	08 31 42.4
ECSD	comp=Z,379nm,0.8s				
EYMM	Ely	36.20 332	IAMB	IAMB	08 31 35.9
EYMM	comp=Z,702nm,1.4s				
EYMM	Ely	36.20 332	IAMS_20		

Table with columns: ID, Name, Time, Status, and other details. Includes entries like Blue Mesa, Par, 41.94 308, Iamb, Iamb, 08 32 27.5.

Table with columns: ID, Name, Time, Status, and other details. Includes entries like NRS Narsarsuaq, 45.89 14, P, pmax, 08 32 47.2 -0.6.

Table with columns: ID, Name, Time, Status, and other details. Includes entries like LHV Little Hutton, 49.30 305, Iamb, Iamb, 08 33 41.9.

7d 8h

Table with columns: Call sign, Frequency, Mode, Band, Date, Time, and various status indicators. Includes entries like Callahan, Detroit Lake, BBOR, KHBM, KCPM, etc.

2020 JAN

Table with columns: Call sign, Frequency, Mode, Band, Date, Time, and various status indicators. Includes entries like PMRV, YKAW, YKA, YKA, etc.

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Table with columns: Call sign, Frequency, Mode, Band, Date, Time, and various status indicators. Includes entries like SCO, SCO, ROSF, WLF1, WLF1, etc.

LMK	Market Rasen	61.89	38	eP	IAMS_20	IAMS_20	08 34 46.8	+1.7
DBG	Daneborg	61.92	13	i P	IAMB	IAMB	08 34 46.2	+1.3
CRAG	Craig	62.12	324	IAMB	IAMB	08 35 00.6		
CRAG	Craig	62.12	324	P	S	08 34 47.1	+0.7	
CRAG	Craig	62.12	324	S	S	08 43 14.1	+2.3	
CRAG	Craig	62.12	324	i P	IAMS_20	IAMS_20	08 34 47.9	+1.4
AY01	Puyuhuapi	62.17	185	IAMS_20	IAMS_20	09 05 46.5		
C36M	Pualutok	62.16	340	P	P	08 34 44.9	-1.7	
C36M				S	S	08 43 05.9	-6.1	
U33K	Whale Pass	62.22	325	IAMS_20	IAMS_20	09 01 44.7		
U33K	Whale Pass	62.22	325	P	P	08 34 47.5	+0.3	
U33K				S	S	08 43 14.7	+1.7	
T33K	Petersburg	62.25	325	P	P	08 43 48.1	+0.8	
Q32M	Nakina River	62.30	328	IAMS_20	IAMS_20	09 03 21.6		
Q32M	Nakina River	62.30	328	P	P	08 34 48.8	+0.9	
Q32M				S	S	08 43 17.7	+3.3	
ELMS	Elmsett, Ipswi	62.52	40	eP	IAMB	IAMB	08 34 50.2	+0.9
ELMS				IAMS_20	IAMS_20	08 55 48.5		
CORI	Orista	62.68	52	P	P	08 34 49.7	-0.9	
CORI				IAMB	IAMB	08 34 55.5		
MTLF	Teslin, Yukon	62.81	50	i P	IAMS_20	IAMS_20	08 34 51.8	+0.3
P33M	Teslin, Yukon	62.83	329	P	P	08 34 52.1	+0.8	
P33M				S	S	08 43 18.8	-2.0	
CLF	Chambon-Foret	63.00	45	i P	P	08 34 53.2	+0.7	
ABKJ	Sidi Amar	63.01	58	eP	IAMB	IAMB	08 34 53.1	+0.3
JMI	Jan Mayen	63.08	18	eP	IvM_BB	IvM_BB	08 34 53.6	+0.9
JMI				S	S	08 35 03.0		
JMI	Zmalet El Emir	63.10	59	eS	S	08 43 34.2	+1.1	
P32M	Atin	63.10	328	IAMS_20	IAMS_20	08 34 55.4	+1.8	
P32M	Atin	63.15	328	P	P	08 34 54.4	+1.0	
P32M				S	S	08 43 27.0	+2.2	
N32M	Quiet Lake	63.15	330	IAMB	IAMB	08 35 06.0		
N32M				IAMS_20	IAMS_20	09 00 36.1		
N32M	Quiet Lake	63.15	330	P	P	08 34 53.7	+0.3	
N32M				S	S	08 43 27.0	+2.2	
JMIC	Jan Mayen	63.17	18	LR	LR	08 59 12.8		
JMIC	Jan Mayen	63.17	18	eP	IvM_BB	IvM_BB	08 34 52.7	-0.6
JMIC				S	S	08 35 13.1		
JMIC				eS	S	08 43 33.6	+0.9	
JMIC				IvMs_BB	IvMs_BB	08 55 58.0		
JNW	Jan Mayen West	63.21	18	e	IAMS_20	IAMS_20	08 51 06.0	
S32K	Killsnoo	63.23	326	P	P	09 03 33.3		
S32K	Killsnoo	63.23	326	P	P	08 34 55.1	+1.2	
JNE	Jan Mayen East	63.23	18	eP	S	08 34 54.4	+0.7	
JNE				eS	S	08 43 29.3	+4.0	
JNE				e	S	08 51 09.6		
COYC	Coyhaique	63.26	184	IAMB	IAMB	08 35 17.6		
COYC	Coyhaique	63.26	184	i P	P	08 34 54.5	+0.3	
AFDJ	Sidi Ladjet	63.28	59	P	P	08 34 55.9	+1.1	
R32K	Eaglecrest	63.33	327	IAMS_20	IAMS_20	09 02 37.1		
R32K	Eaglecrest	63.33	327	P	P	08 34 55.2	+0.6	
FARO	Faro, Yukon	63.51	331	P	P	08 34 56.0	+0.3	
FARO				S	S	08 43 31.8	+2.6	
BESE	Bessie Mountai	63.55	327	IAMS_20	IAMS_20	09 06 25.7		
SIT	Sitka	63.57	325	P	P	08 34 56.8	+0.7	
A36M	Sachs Harbour	63.64	343	P	P	08 34 56.3	-0.1	
A36M				S	S	08 43 27.2	-3.2	
ABRIN	Birine	63.72	59	P	IAMB	IAMB	08 34 58.7	+1.1
WHY	Whitehorse	63.92	329	IAMB	IAMB	08 35 03.0		
WHY	Whitehorse	63.92	329	P	P	08 34 58.6	+0.1	
WHY				S	S	08 43 33.9	-0.6	
SKAG	Skagway	63.94	328	P	P	08 34 59.5	+1.0	
SKAG				S	S	08 43 37.6	+3.2	
SKAG	Skagway	63.94	328	i P	IAMB	IAMB	08 34 59.3	+0.7
M31M	Drury Creek, Y	63.98	331	IAMB	IAMB	08 35 07.3		
M31M	Drury Creek, Y	63.98	331	P	P	08 34 59.7	+0.9	
M31M				S	S	08 43 37.9	+2.9	
LOR	Lormes	64.05	46	i P	P	08 35 00.7	+1.1	
S31K	Pelican	64.18	326	P	P	08 35 00.9	+0.8	
SP1K				S	S	08 43 40.5	+3.0	
AKET	Djebel Ketaf	64.30	58	P	IAMB	IAMB	08 35 02.8	+1.2
MAHO	Mahon	64.40	54	i P	IAMS_20	IAMS_20	08 57 37.6	
MAHO				P	P	08 35 02.5	+0.5	
MAHO	Takset	64.45	57	P	P	08 35 03.9	+1.4	
PLBC	Pleasant Camp	64.46	328	P	P	08 35 03.5	+1.6	
PLBC				S	S	08 43 42.3	+1.3	
N31M	Braeburn, Yuko	64.49	330	IAMB	IAMB	08 35 12.0		
N31M				IAMS_20	IAMS_20	09 01 28.4		
N31M				P	P	08 35 02.9	+0.6	
N31M				S	S	08 43 42.5	+1.1	
SSB	Saint Sauveur	64.50	48	i P	IAMB	IAMB	08 35 03.2	+0.6
UCC	Uccle	64.52	42	IAMB	IAMB	08 35 06.6		
UCC	Uccle	64.52	42	dP	P	08 35 02.4	-0.1	
O30N	Mendenhall	64.52	329	IAMB	IAMB	08 35 13.2		
O30N				IAMS_20	IAMS_20	09 03 35.4		
O30N	Mendenhall	64.52	329	P	P	08 35 03.3	+0.8	
O30N				S	S	08 43 43.3	+1.5	
ABSD	Ouled Sid Bra	64.60	59	P	P	08 35 04.2	+0.8	
DOU	Dourbes	64.63	42	dP	P	08 35 03.5	+0.2	
H31M	Peel River	64.73	335	IAMB	IAMB	08 35 23.0		
H31M	Peel River	64.73	335	P	P	08 35 04.1	+0.5	

H31M	baz=103			S	S	08 43 44.0	-0.1	
BMRD	Maredsous	64.75	42	dP	P	08 35 03.7	-0.3	
BMRD	Million Dollar	64.85	329	P	P	08 35 05.5	+0.9	
P30M				S	S	08 43 50.3	+4.4	
F31M	Tsightehcic	64.89	337	P	P	08 35 04.5	-0.1	
F31M				S	S	08 43 43.2	-2.7	
CTCHA	Tamokra	64.90	58	P	P	08 35 06.4	+1.1	
MAYO	Mayo, Yukon	64.92	333	P	P	08 35 06.3	+1.4	
MAYO				S	S	08 43 50.7	+4.2	
BGES	Gesves	64.96	42	dP	P	08 35 05.3	-0.2	
G31M	Satah River	64.96	336	P	P	08 35 04.8	-0.3	
G31M				S	S	08 43 45.5	-1.3	
AY03	Cochrane	64.97	184	IAMS_20	IAMS_20	09 05 15.9		
INK	Inuvik	65.03	338	LR	LR	09 03 28.9		
INK	Inuvik	65.03	338	P	P	08 35 05.2	-0.4	
INK				S	S	08 43 45.3	-2.4	
INK	Inuvik	65.03	338	i P	P	08 35 05.0	-0.6	
RCHB	Rochefort	65.04	42	dP	P	08 35 06.1	+0.1	
RCHB				IAMB	IAMB	08 35 07.0	+0.6	
RCLN	Clavier	65.10	42	dP	IAMB	IAMB	08 35 11.4	
N30M	Aishikik Lake	65.11	330	IAMB	IAMB	09 01 47.8		
N30M				S	S	08 43 49.3	+0.2	
N30M	Aishikik Lake	65.11	330	P	P	08 35 07.0	+0.7	
N30M				S	S	08 43 49.3	+0.2	
M30M	Minto, Yukon	65.15	331	IAMB	IAMB	08 35 11.3		
M30M				IAMS_20	IAMS_20	09 04 45.7		
M30M	Minto, Yukon	65.15	331	P	P	08 35 07.0	+0.5	
M30M				S	S	08 43 50.1	+0.7	
HYT	Haines Junctio	65.22	329	P	P	08 35 08.2	+1.1	
HYT				S	S	08 43 53.2	+2.7	
BSTI	Sart Tilman	65.27	42	dP	P	08 35 07.6	+0.2	
J30M	Hart River	65.29	334	P	P	08 35 08.4	+0.9	
J30M				S	S	08 43 53.1	+1.8	
CAZD	Aln Tagroot	65.32	58	P	P	08 35 10.0	+1.8	
BEBN	Eben Ennael	65.35	42	dP	P	08 35 08.1	+0.1	
I30M	Mount Dempster	65.44	334	P	P	08 35 09.0	+0.5	
I30M				S	S	08 43 52.9	-0.2	
BHOU	Houveznez	65.55	42	dP	P	08 35 09.3	+0.1	
MEM	Membach	65.56	42	dP	P	08 35 09.2	-0.1	
WLF	Walfardange	65.63	43	P	P	08 35 09.7	0.0	
WLF	Walfardange	65.63	43	P	IAMB	IAMB	08 35 08.8	-1.0
WLF				IAMB	IAMB	08 35 14.6		
WLF	Walfardange	65.63	43	P	pmax	pmax	08 35 08.8	-1.0
WLF				S	S	08 43 53.2	+2.7	
WLF	Walfardange	65.63	43	i P	P	08 35 10.2	+0.4	
WLF				eP	P	08 35 10.1	+0.4	
WLF	Walfardange	65.63	43	dP	P	08 35 10.2	+0.4	
BTNL	Ternell	65.63	42	dP	P	08 35 09.9	+0.1	
YUK6	Outpost Mountain	65.65	329	P	P	08 35 11.1	+1.1	
YUK6				S	S	08 43 58.6	+2.6	
SUE	Suez	65.65	30	eP	S	08 35 09.4	-0.2	
SUE				eS	S	08 43 57.8	+2.3	
SUE				IvMs_BB	IvMs_BB	08 51 30.9		
SUE				IvMs_BB	IvMs_BB	09 01 42.4		
O29M	Mount Kennedy	65.67	329	IAMS_20	IAMS_20	09 09 16.9		
O29M	Mount Kennedy	65.67	329	P	P	08 35 10.9	+0.8	
O29M				S	S	08 43 57.6	+1.5	
K29M	Barlow Dome	65.68	333	P	P	08 35 10.9	+0.9	
K29M				S	S	08 43 57.9	+1.9	
KMY	Karmoy	65.68	32	eP	IvM_BB	IvM_BB	08 35 11.4	+1.5
KMY				S	S	08 35 17.0		
KMY				eS	SS	08 43 54.3	-1.6	
KMY				eS	SS	08 48 09.7	0.0	
KMY				IvMs_BB	IvMs_BB	08 51 30.9		
KMY				IvMs_BB	IvMs_BB	09 00 60.0		
F30M	Barrier River	65.69	337	P	P	08 35 09.6	-0.3	
ASK	Askoy	65.80	31	eP	IvM_BB	IvM_BB	08 35 12.0	+1.4
ASK				S	S	08 35 15.9		
ASK				eS	S	08 43 59.5	+2.3	
ASK				e	IvMs_BB	IvMs_BB	08 51 08.1	
ASK				IvMs_BB	IvMs_BB	09 00 26.9		
EPYK	Eagle Plains	65.80	335	IAMB	IAMB	08 35 43.5		
EPYK				P	P	08 35 10.7	0.0	
EPYK				S	S	08 43 56.1	-1.2	
L29M	L29M	65.83	332	IAMB	IAMB	08 35 18.8		
L29M				IAMS_20	IAMS_20	09 07 20.9		
L29M				P	P	08 35 11.4	+0.5	
L29M				S	S	08 43 58.4	+0.5	
YUK4	Talbot Arm	65.84	330	P	P	08 35 11.8	+0.6	
TORD	Torodi Ar. Bea	65.86	83	P	P	08 35 11.5	-0.3	
TORD				e	LR	LR	09 00 44.5	
TORD				LR	LR	09 03 45.7	-6.0	
TORD				P	P	08 35 11.0	-0.8	
TORD				eP	P	08 35 10.7	-0.3	
DFRA	Djebel Bou Aff	65.87	57	P	P	08 35 16.6	+4.8	
M29M	Somme Creek	65.89	331	IAMB	IAMB	08 35 21.9		
M29M				IAMS_20	IAMS_20	09 03 24.5		
M29M	Somme Creek	65.89	331	P	P	08 35 11.8	+0.4	
M29M				S	S	08 43 59.9	+1.2	
CJSR	Ain Djasser	65.99	58	P	P	08 35 13.6	+1.1	
BNI	Bardonecchia	66.01	48	P	P	08 35 11.5	-1.0	
BNI								

7d 8h

MESA	MESA	67.34	328	IAMS_20	IAMS_20	09 06	09.4
MESA	MESA	67.34	328	P	P	08 35	21.7 +0.9
MESA	MESA			S	S	08 44	16.0 -0.5
SKAR	Skarslia	67.34	31	eP	P	08 35	24.3 +3.7
SKAR	SKAR			IVmB_BB		08 35	27.2
SKAR	SKAR			eS	S	08 44	16.9 +0.7
SKAR	SKAR			IVmS_BB	IVmS_BB	08 52	27.1
SKAR	SKAR			IVmS_BB	IVmS_BB	09 01	01.7
TAM	Tamanrasset	67.41	72	IAMS_20	IAMS_20	09 01	08.0
TAM	TAM	67.41	72	P	P	08 35	23.9 +2.1
M27K	Edge Creek, AK	67.47	331	IAMS_20	IAMS_20	09 05	11.1
M27K	Edge Creek, AK	67.47	331	P	P	08 35	22.3 +0.8
M27K	M27K			S	S	08 44	16.9 -0.9
BCAR	Beaver Creek, AK	67.48	332	P	P	08 35	21.6 +0.2
L27K	Beaver Creek, AK	67.50	332	P	P	08 35	22.3 +0.7
L27K	L27K			S	S	08 44	19.8 +1.7
ISLE	Juniper Island	67.56	329	IAMS_20	IAMS_20	09 04	27.2
MUD	Monsted U'grnd	67.60	36	iP	P	08 35	24.1 +1.9
MUD	MUD			IAMB	IAMB	08 35	26.9
STU	Stuttgart	67.63	44	P	P	08 35	22.2 -0.4
STU	STU			IAMB	IAMB	08 35	26.0
STU	STU			P	P	08 35	22.2 -0.4
STU	STU			P	P	08 35	22.2 -0.4
STU	STU			P	P	08 35	22.6 0.0
GOET	GOET			eP	P	08 35	23.5 +1.1
GOET	GOET			IAMB	IAMB	08 35	27.1
I27K	Kandik River	67.66	334	P	P	08 35	23.0 +0.5
I27K	I27K			S	S	08 44	19.3 -0.6
RETH	Rethem/Aller	67.67	40	eP	P	08 35	23.6 +0.9
H27K	Steamboat Moun	67.69	335	IAMB	IAMB	08 35	32.8
H27K	Steamboat Moun	67.69	335	P	P	08 35	23.0 +0.3
H27K	H27K			S	S	08 44	19.2 -1.0
K27K	Chicken	67.70	333	IAMS_20	IAMS_20	09 04	02.1
SNH	Sunshine Point	67.78	328	IAMS_20	IAMS_20	09 03	59.5
DOMB	DOMB	67.80	30	eP	P	08 35	24.1 +0.6
DOMB	DOMB			IVmB_BB		08 35	29.1
DOMB	DOMB			eS	S	08 44	24.6 +3.0
DOMB	DOMB			e		08 52	39.6
DOMB	DOMB			IVmS_BB	IVmS_BB	09 06	55.0
WAX	Waxell Ridge	67.80	329	IAMS_20	IAMS_20	09 06	25.7
TGL	Tana Glacier	67.81	329	P	P	08 35	23.9 +0.3
TGL	TGL			IAMS_20	IAMS_20	09 06	31.1
G27K	Doyon Strip	67.81	336	P	P	08 35	23.1 -0.4
G27K	G27K			S	S	08 44	20.9 -0.7
PGF	Pioggiola	67.81	51	iP	P	08 35	24.2 +0.2
TUE	Stuetta	67.82	46	iP	P	08 35	23.4 -0.8
TUE	TUE			IAMB	IAMB	08 35	32.0
TUE	TUE			P	P	08 35	24.7 +0.5
SSRD	Sdr. Stenderup	67.84	37	iP	P	08 35	25.8 +2.1
SSRD	SSRD			IAMB	IAMB	08 35	28.9
D27M	Malcolm River	67.87	338	IAMB	IAMB	08 35	27.4
D27M	D27M			IAMS_20	IAMS_20	09 09	24.5
D27M	D27M			P	P	08 35	23.9 +0.1
D27M	D27M			S	S	08 44	20.6 -1.7
KONO	Kongsberg	67.93	32	P	P	08 35	23.4 -0.8
KONO	KONO			IAMB	IAMB	08 35	34.7
KONO	KONO			P	P	08 35	23.4 -0.8
KONO	KONO			32ceP	pmax	08 35	25.7 +1.4
KONO	KONO			eP	P	08 35	25.9 +1.6
KONO	KONO			IVmB_BB		08 35	31.0
KONO	KONO			eS	S	08 44	25.8 +2.6
KONO	KONO			e		08 52	39.6
KONO	KONO			IVmS_BB	IVmS_BB	09 02	36.2
KONO	KONO			iP	P	08 35	27.1 +2.9
CRQE	CRQE			P	P	08 35	25.3 +0.8
CRQE	CRQE			S	S	08 44	24.6 +1.1
MCARA	McCarthy VSAT	67.94	330	IAMS_20	IAMS_20	09 04	15.5
MCARA	McCarthy VSAT	67.94	330	P	P	08 35	25.7 +1.4
MCARA	MCARA			S	S	08 44	24.9 +1.6
E27K	Coleen River	67.96	337	IAMB	IAMB	08 35	34.0
E27K	E27K			IAMS_20	IAMS_20	09 05	41.6
E27K	E27K			P	P	08 35	24.3 0.0
E27K	E27K			S	S	08 44	22.0 -1.3
CRQM	Crque	67.96	329	IAMS_20	IAMS_20	09 05	13.6
M26K	Nabesna, AK	67.99	331	IAMS_20	IAMS_20	09 08	57.5
M26K	M26K			P	P	08 35	25.0 +0.3
M26K	M26K			S	S	08 44	28.0 +4.1
BOB	Bobbio (Coli)	67.99	48	iP	P	08 35	25.3 +0.3
GTGG	Gottingen	68.05	41	eP	P	08 35	26.2 +1.0
UBBA	Unterreibach	68.09	42	eP	P	08 35	25.1 -0.2
DAVOX	Davos Dischma	68.17	46	LR	LR	09 01	10.5
L26K	Log Cabin Wild	68.19	331	P	P	08 35	26.8 +0.9
L26K	L26K			S	S	08 44	28.5 +2.2
BERG	Berg Lake	68.22	329	IAMS_20	IAMS_20	09 05	17.1
BSEG	Bad Segeberg	68.23	38	eP	P	08 35	26.7 +0.5
UBR	Ueberherrn	68.28	45	eP	P	08 35	26.9 +0.1
CLB	Clausthal	68.30	41	eP	P	08 35	27.4 +0.6
GLZ	Gilgihina Butte	68.32	330	IAMB	IAMB	08 35	35.9
VSL	Villasalto	68.36	54	IAMB	IAMB	08 35	39.5
VSL	VSL			IAMS_20	IAMS_20	08 59	20.5
VSL	VSL			P	P	08 35	27.8 +0.4
J26L	Joseph Creek	68.38	333	IAMB	IAMB	08 35	52.5

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J26L	Joseph Creek	68.38	333	P	P	08 35	27.6 +0.4
J26L	J26L			S	S	08 44	30.3 +1.6
FUOR	Openpass-Fuorn	68.45	46	IAMB	IAMB	08 35	36.1
ASSE	Asse, Remlinge	68.48	40	eP	P	08 35	28.7 +0.9
OSL	Oslo	68.51	32	eP	P	08 35	28.9 +1.0
OSL	OSL			IVmB_BB		08 35	39.3
OSL	OSL			eS	S	08 44	31.3 +1.3
OSL	OSL			IVmS_BB	IVmS_BB	08 53	08.0
OSL	OSL			IVmS_BB	IVmS_BB	09 02	27.5
SCRK	Sand Creek	68.53	332	IAMS_20	IAMS_20	09 04	37.2
SCRK	SCRK			P	P	08 35	28.9 +0.8
SCRK	SCRK			S	S	08 44	31.5 +1.0
DOT	Dot Lake	68.55	332	IAMS_20	IAMS_20	09 05	46.7
KAIM	Kayak Island	68.57	328	P	P	08 35	29.4 +1.2
KAIM	KAIM			S	S	08 44	32.9 +2.1
NB000	NORSAR Array S	68.57	31	P	P	08 35	27.4 -0.8
NC204	NORSAR Array S	68.57	30	P	P	08 35	27.3 -1.0
G26K	Porcupine River	68.66	336	P	P	08 35	28.7 0.0
G26K	G26K			S	S	08 44	31.7 +0.1
BMRM	Bremner River	68.69	329	P	P	08 35	29.1 +0.1
BMRM	BMRM			P	P	08 35	29.6 +0.5
BMRM	BMRM			S	S	08 44	33.1 +0.8
VLC	Villacolemand	68.70	49	iP	P	08 35	28.7 -0.8
N25K	Chitina, Valde	68.70	330	IAMB	IAMB	08 35	39.4
N25K	N25K			P	P	08 35	30.0 +0.8
N25K	N25K			S	S	08 44	35.5 +3.0
STRU	Stroemstad	68.72	33	iP	P	08 35	28.0 -1.2
RETA	Reute	68.74	45	iP	P	08 35	30.1 +0.4
FETA	Feichten	68.74	46	iP	P	08 35	30.3 +0.5
KEST	Kesra	68.75	58	P	P	08 35	30.7 +0.7
KEST	KEST			LR	LR	09 01	01.9
KEST	KEST			P	P	08 35	29.9 -0.1
NB2	NORSAR Subarra	68.75	58	P	P	08 35	30.7 +1.1
NB2	NB2			AMP		08 35	30.7
NOA	NORSAR Array S	68.78	31	P	P	08 35	30.2 +0.6
NOA	NOA			LR	LR	09 02	17.9
FLTG	Flechtingen	68.82	40	iP	P	08 35	29.8 -0.2
FLTG	FLTG			P	P	08 35	30.1 +0.2
GORT	Gorte	68.84	39	eP	P	08 35	31.4 +1.3
SHEL	Horse Pasture	68.86	116	P	P	08 35	30.2 -0.7
SHEL	SHEL			IAMB	IAMB	08 35	39.9
SHEL	SHEL			P	P	08 35	30.2 -0.7
F26K	Sheenjek River	68.86	336	IAMB	IAMB	08 35	34.9
F26K	F26K			P	P	08 35	30.3 +0.3
F26K	F26K			S	S	08 44	33.8 -0.3
C27K	Jago River	68.89	339	IAMB	IAMB	08 35	33.9
C27K	C27K			IAMS_20	IAMS_20	09 05	47.0
C27K	C27K			P	P	08 35	30.2 +0.1
C27K	C27K			S	S	08 44	31.9 -2.3
RIDG	Independent Ri	68.90	332	IAMS_20	IAMS_20	09 09	54.9
RIDG	RIDG			P	P	08 35	31.0 +0.6
RIDG	RIDG			S	S	08 44	36.7 +2.0
GRA1	Grafenberg Arr	68.92	43	P	P	08 35	29.2 -1.5
GRA1	GRA1			IAMB	IAMB	08 36	11.5
GRF	Grafenberg Arr	68.92	43	P	P	08 35	29.2 -1.5
GRF	GRF			pmax	pmax	08 35	31.5 +0.8
GRF	GRF			L	L	08 58	52.9
NC602	NORSAR Array S	68.93	31	eP	P	08 35	31.7 +1.1
NC602	NC602			IVmB_BB		08 35	34.9
NC602	NC602			e		08 53	15.3
NC602	NC602			IVmS_BB	IVmS_BB	09 02	13.0
TJOU	Tjoern	68.95	34	iP	P	08 35	32.6 +1.9
GO09	Cerro Castillo	68.95	184	IAMS_20	IAMS_20	09 07	20.3
HARP	HAARP	68.99	331	P	P	08 35	31.5 +0.6
HARP	HARP			S	S	08 44	37.6 +1.8
BMAR	Burnt Mountain	69.01	336	P	P	08 35	31.0 0.0
NC405	NORSAR Array S	69.03	31	IAMB	IAMB	08 35	41.9
FUR	Furstenfeldbru	69.04	45	eP	P	08 35	32.2 +0.7
SQTA	Sankt Quirin	69.06	46	iP	P	08 35	32.0 +0.3
ZCCA							

LESA	comp-Z,156nm,1.4s,baz=272,slow=6.2		P	P	08 35 37.5	-0.2
POKR	Schwarzleotal 70.04 45 i P comp-Z,128nm,1.2s,SNR=46		P	P	08 35 37.7	+0.2
POKR	Poker Plat Res 70.06 334 P baz=91,SNR=186		S	S	08 44 47.1	-1.2
P23K	Montague Islan 70.07 328 P baz=89		P	P	08 35 37.5	-0.1
RJOB	Jochberg 70.09 45 P comp-Z,84nm,1.3s,baz=272,slow=6.2		P	P	08 35 37.2	-0.8
G24K	Hadweencz Riv 70.11 335 IAMB IAMB comp-Z,472nm,1.1s		IAMB	IAMB	08 35 42.1	
G24K	comp-Z,289nm,20.0s		IAMS_20	IAMS_20	09 06 22.7	
G24K	Hadweencz Riv 70.11 335 P baz=91		P	P	08 35 38.2	+0.5
G24K	baz=91		S	S	08 44 49.4	+0.6
STAL	STALIGIAL 70.16 46 IAMB IAMB comp-Z,385nm,2.0s		IAMB	IAMB	08 35 50.9	
WAT6	Susitna Watana 70.19 331 P baz=90,SNR=180		P	P	08 35 38.3	-0.2
WAT6	comp-Z,343nm,1.4s		S	S	08 44 48.2	-2.0
M23K	Glacier View 70.20 330 P baz=89,SNR=105		P	P	08 35 38.2	-0.1
M23K	baz=89		S	S	08 44 48.5	-1.5
DEL	Delary 70.20 36 i P comp-Z,343nm,1.4s		P	P	08 35 39.7	+1.2
CCB	Clear Creek Bu 70.22 333 IAMB IAMB comp-Z,343nm,1.4s		IAMB	IAMB	08 35 42.3	
COLA	College 70.24 333 P comp-Z,354nm,1.0s		P	P	08 35 38.1	-0.4
COLA	College 70.24 333 d P comp-Z,340nm,1.0s		P	P	08 35 38.3	-0.2
COLA	comp-Z,469nm,20.0s		MLR	MLR		
COLA	College 70.24 333 P baz=90		P	P	08 35 38.3	-0.2
COLA	baz=90		S	S	08 44 49.6	-0.6
COLA	College 70.24 333 i P comp-Z,343nm,1.4s		P	P	08 35 38.0	-0.5
H24K	Noodor Dome 70.26 334 P baz=90		P	P	08 35 39.3	+0.6
H24K	baz=90		S	S	08 44 50.5	-0.1
HSK	Hora Svate Kat 70.28 42 e P comp-Z,139nm,18.2s		e P	e P	08 35 39.7	+0.6
HSK	comp-Z,139nm,18.2s		AMS	AMS	09 07 20.0	
F24K	Squaw Lake 70.29 336 P baz=91		P	P	08 35 39.3	+0.5
F24K	baz=91		S	S	08 44 50.8	-0.1
MG02	Cerro Sombrero 70.33 182 IAMS_20 IAMS_20 comp-Z,200nm,18.0s		IAMS_20	IAMS_20	09 11 10.5	
WRH	Wood River Hill 70.34 333 IAMB IAMB comp-Z,257nm,1.0s		IAMB	IAMB	08 35 47.8	
CESX	Cesi 70.44 50 P comp-Z,257nm,1.0s		P	P	08 35 39.2	-1.0
CESX	baz=89		IAMB	IAMB	08 35 54.2	
KBS	comp-Z,844nm,2.0s		P	P	08 35 39.1	-0.6
KBS	Kingsbay 70.47 12 IAMS_20 IAMS_20 comp-Z,149nm,1.1s		IAMS_20	IAMS_20	09 09 53.0	
KBS	Kingsbay 70.47 12 P comp-Z,149nm,1.1s		P	P	08 35 39.1	-0.6
KBS	comp-Z,149nm,1.1s		MLR	MLR		
KBS	Kingsbay 70.47 12 e P comp-Z,110nm,1.2s,SNR=18		e P	e P	08 35 40.7	+1.0
KBS	SS 08 44 56.9	+4.2				
KBS	SS 08 44 57.4	+4.3				
SML	Sawmill 70.48 330 IAMB IAMB comp-Z,314nm,1.0s		IAMB	IAMB	08 35 41.1	+1.4
SML	Sawmill 70.48 330 P baz=89,SNR=52		P	P	08 35 40.3	+0.2
SML	baz=89		S	S	08 44 52.4	-1.0
KHC	Kasperske Hory 70.49 43 e P comp-Z,111nm,19.3s		e P	e P	08 35 41.4	+1.0
KHC	MLR 08 44 53.6	-0.3				
KHC	MLR 08 35 41.4	+1.0				
KHC	AMS 08 44 53.6	-0.3				
KHC	AMS 09 04 20.0					
KHC	AMS 08 35 40.7	+0.2				
PWL	Port Wells 70.51 329 IAMB IAMB comp-Z,406nm,1.1s		IAMB	IAMB	08 35 48.1	
PWL	Port Wells 70.51 329 P baz=88,SNR=24		P	P	08 35 40.0	-0.2
PWL	baz=88		S	S	08 44 52.9	-0.8
KBA	Koelnbreinsper 70.52 46 i P comp-Z,119nm,0.7s		i P	i P	08 35 41.3	+0.5
KNK	Knik Glacier 70.55 330 P baz=88,SNR=42		P	P	08 35 40.9	+0.3
KNK	baz=88		S	S	08 44 53.3	-0.9
WAT1	Susitna Watana 70.56 331 P baz=89		P	P	08 35 40.7	+0.1
WAT1	baz=89		S	S	08 44 53.0	-1.2
BRG	Berggiesshubel 70.59 42 e P comp-Z,342nm,1.7s,baz=272,slow=6.2		e P	e P	08 35 41.1	+0.2
BRG	Berggiesshubel 70.59 42 e P comp-Z,23nm,0.8s		e P	e P	08 35 40.9	0.0
BRG	Amp 08 35 43.7					
BRG	AMS 08 35 44.9	+4.0				
BRG	AMS 08 35 45.7					
BRG	AMS 08 35 49.1	+8.2				
BRG	Amp 08 35 51.0					
BRG	AMS 08 35 56.0	+1.2				
PTCC	Patocco-Chiusa 70.59 46 i P comp-Z,166nm,1.4s,SNR=62		i P	i P	08 35 40.8	-0.3
GECC	GERESS Array S 70.60 44 i P comp-Z,191nm,1.5s,baz=272,slow=6.2		i P	i P	08 35 41.4	+0.2
GERES	GERESS Array B 70.60 44 i P comp-Z,119nm,0.7s,baz=269,slow=6.7,SNR=22		i P	i P	08 35 41.7	+0.6
GERES	LR 09 04 34.6					
GERES	LR 08 35 41.0					
C24K	Franklin Bluff 70.63 339 IAMS_20 IAMS_20 comp-Z,259nm,20.0s		IAMS_20	IAMS_20	09 08 19.1	
C24K	Franklin Bluff 70.63 339 P baz=91		P	P	08 35 41.0	+0.2
C24K	baz=91		S	S	08 44 52.9	-1.8
STEI	Steigen 70.65 23 e P comp-Z,166nm,1.4s,SNR=62		e P	e P	08 35 42.3	+1.4
STEI	e P 08 44 53.7	-1.2				
BIOA	Bad Ischl, Aus 70.66 45 i P comp-Z,332nm,1.5s		i P	i P	08 35 41.0	-0.4
D24K	Happy Valley 70.66 338 IAMB IAMB baz=91		IAMB	IAMB	08 35 45.3	
D24K	Happy Valley 70.66 338 P baz=91		P	P	08 35 41.2	+0.1
D24K	baz=91		S	S	08 44 53.3	-1.9
MCK	McKinley 70.72 332 P baz=89,SNR=185		P	P	08 35 41.1	-0.4
MCK	baz=89		S	S	08 44 54.6	-1.4
NEA2	Nenana 70.76 333 P baz=89,SNR=264		P	P	08 35 41.4	-0.3
NEA2	baz=89		S	S	08 44 54.4	-2.1
MYKA	Terra Mystica 70.77 46 i P comp-Z,134nm,1.3s,SNR=36		i P	i P	08 35 42.1	-0.1
SABO	Mite Sabotino 70.80 47 IAMB IAMB comp-Z,824nm,1.7s		IAMB	IAMB	08 35 56.8	
BSD	Bornholm Skovb 70.87 37 i P comp-Z,142nm,1.0s		i P	i P	08 35 43.1	+0.7
BSD	Bornholm Skovb 70.87 37 i P comp-Z,142nm,1.0s		i P	i P	08 35 43.8	+1.1
ZVC	Zvikov 70.87 43 e P comp-Z,435nm,1.4s		e P	e P	08 45 00.4	+2.2
ZVC	AMS 09 06 40.0					
PMR	Palmer 70.87 330 IAMB IAMB comp-Z,99nm,17.4s		IAMB	IAMB	08 35 52.3	
PMR	Palmer 70.87 330 P baz=88,SNR=83		P	P	08 35 42.2	-0.2
PMR	baz=88		S	S	08 44 56.2	-1.5
CADS	baz=88		P	P	08 35 42.7	-0.1
CADS	Cadrg 70.87 46 i P comp-Z,128nm,1.2s,SNR=46		i P	i P	08 44 56.9	-1.6
I23K	Minto, Yukon-K 70.88 334 P baz=89,SNR=231		P	P	08 35 42.4	+0.1
I23K	baz=89		S	S	08 44 56.5	-1.2
TOLK	Toolik Lake Re 70.93 337 IAMB IAMB comp-Z,349nm,1.4s		IAMB	IAMB	08 35 55.0	
TOLK	Toolik Lake Re 70.93 337 IAMS_20 IAMS_20 comp-Z,211nm,18.0s		IAMS_20	IAMS_20	09 06 45.3	
TOLK	Toolik Lake Re 70.93 337 P baz=90		P	P	08 35 42.3	-0.4
TOLK	baz=90		S	S	08 44 55.8	-2.6
E23K	Chandalar 70.95 337 IAMB IAMB comp-Z,432nm,1.4s		IAMB	IAMB	08 35 53.2	
E23K	Chandalar 70.95 337 P baz=90,SNR=96		P	P	08 35 43.1	+0.2
E23K	baz=90		S	S	08 44 56.6	-2.1
TRI	Trieste 70.95 47 IAMB IAMB comp-Z,227nm,1.3s		IAMB	IAMB	08 36 14.3	
PRA	Prague 70.97 42 AMS AMS comp-Z,111nm,18.7s		AMS	AMS	09 06 20.0	
CKRC	Cesky Krumlov 71.00 44 e P comp-Z,111nm,19.6s		e P	e P	08 35 44.2	+0.7
CKRC	MLR 08 45 01.3	+1.5				
CKRC	AMS 08 35 44.2	+0.7				
CKRC	AMS 08 45 01.3	+1.5				
CKRC	AMS 09 04 40.0					
PVCC	Panska Vev 71.01 42 e P comp-Z,139nm,18.0s		e P	e P	08 35 45.2	+1.7
PVCC	MLR 08 45 00.6	+0.8				
PVCC	AMS 08 35 45.2	+1.7				
PVCC	AMS 09 07 40.0					
HSPB	Hornsund (broa 71.04 14 e P comp-Z,139nm,18.0s		e P	e P	08 35 44.3	+1.1
HSPB	SS 08 45 07.9	+8.6				
PRU	Pruhonic 71.04 42 e P comp-Z,111nm,17.4s		e P	e P	08 35 45.1	+1.4
PRU	MLR 08 45 03.0	+2.8				
PRU	AMS 08 35 45.1	+1.4				
PRU	AMS 08 45 03.0	+2.8				
PRU	AMS 09 13 00.0					
CAMP	Campotosto 71.06 50 IAMB IAMB comp-Z,364nm,1.7s		IAMB	IAMB	08 36 14.0	
MOA	Molln 71.07 45 i P comp-Z,190nm,1.8s,SNR=52		i P	i P	08 35 43.7	-0.3
AQU	L'Aquila 71.08 51 P comp-Z,144nm,1.2s		P	P	08 35 44.3	+0.2
AQU	pmax 08 35 43.7	-0.1				
SEW	Seward 71.09 328 P baz=87,SNR=46		P	P	08 44 58.8	-1.6
SEW	baz=87		S	S	08 44 58.8	-1.6
G23K	Bananza Creek 71.12 335 P baz=89		P	P	08 35 44.4	+0.5
G23K	baz=89		S	S	08 44 59.9	-0.8
COLD	Coldfoot 71.18 336 IAMB IAMB comp-Z,370nm,1.1s		IAMB	IAMB	08 35 52.5	
COLD	Coldfoot 71.18 336 P baz=89,SNR=301		P	P	08 35 44.9	+0.7
COLD	baz=89		S	S	08 45 00.3	-1.0
RC01	Rabbit Creek A 71.18 329 IAMB IAMB comp-Z,460nm,1.2s		IAMB	IAMB	08 35 55.9	
RC01	Rabbit Creek A 71.18 329 P baz=87,SNR=49		P	P	08 35 44.4	+0.1
RC01	baz=87		S	S	08 44 59.7	-1.8
O22K	Cooper Landing 71.21 329 IAMB IAMB comp-Z,400nm,1.1s		IAMB	IAMB	08 36 00.0	
O22K	Cooper Landing 71.21 329 P baz=87,SNR=16		P	P	08 35 44.4	-0.1
SPA0	Spitsbergen Ar 71.28 12 e P comp-Z,44nm,0.8s		e P	e P	08 35 45.7	+1.0
SPA0	LR 08 35 46.2	+1.5				
SPITS	Spitsbergen Ar 71.28 12 e P comp-Z,44nm,0.8s,baz=160,slow=2.7,SNR=24		e P	e P	09 08 16.5	
SPITS	LR 08 35 44.2	-0.5				
SPITS	pmax 08 35 44.2	-0.5				
SPB2	Spitsbergen Ar 71.29 12 P comp-Z,226nm,1.2s		P	P	08 35 44.3	-0.4
C23K	Iklik River 71.30 339 P baz=89		P	P	08 35 45.2	+0.4
C23K	baz=89		S	S	08 45 00.3	-2.1
D23K	Nanushuk River 71.33 338 IAMB IAMB comp-Z,413nm,1.1s		IAMB	IAMB	08 35 57.2	
D23K	Nanushuk River 71.33 338 P baz=89		P	P	08 35 45.7	+0.5
D23K	baz=89		S	S	08 45 01.5	-1.4
TRF	Thorafore Moun 71.33 332 P baz=88,SNR=235		P	P	08 35 45.6	+0.2
TRF	baz=88		S	S	08 45 02.5	-1.0
M22K	Willow 71.33 330 P baz=87,SNR=118		P	P	08 35 45.4	+0.2
M22K	baz=87		S	S	08 45 01.6	-1.5
CUT	Chulitna 71.37 331 P baz=87,SNR=115		P	P	08 35 45.6	+0.2
CUT	baz=87		S	S	08 45 01.4	-2.1

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Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like BEHE, ILSW, J20K, etc.

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Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like TIP, GCSA, F19K, etc.

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Table with columns for station name, coordinates, elevation, and various performance metrics. Includes stations like H17K, ULC, VADS, etc.

Table with columns: Station, Frequency, Power, Class, and other details. Includes stations like TSLK, F15K, F15K, LK02, M14K, O14K, etc.

Table with columns: Station, Frequency, Power, Class, and other details. Includes stations like BUR08, PYL, BYRAB, BURAR, BURAR, S12K, etc.

Table with columns: Station, Frequency, Power, Class, and other details. Includes stations like KARP, KARP, KARP, OBN, OBN, OBN, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SOC, LABN, VSLR, XMAS, BELG, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SUR, SKOMA, AB31, AKBAR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HEH, SYO, ZAK, YUK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various numerical data points for stations like CTCHA, COAT, ATKR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various numerical data points for stations like PRSN, Puerto Rico Se, Experimental S, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various numerical data points for stations like JTS, Las Juntas de, JUD3, etc.

Text block containing station identifiers and parameters: IDC 07:08:33:59.6:0.4, 17:81N:66:71W, h0km, mb5.0/33, mtbtp5.0/35, ML3.9/2, Error ellipse: s-maj=11.4km...

Text block containing station identifiers and parameters: LONE3 El Aguacate, B, 4.56 280 i Pm, LONE3 comp=Z,3um,4.6s, LOPPI Punta Rusa, Y, 4.68 296 i Pm...

Text block containing station identifiers and parameters: ANMO Albuquerque, 39.15 304 Iamb, ANMO Albuquerque, 39.15 304IeP, ANMO Albuquerque, 39.15 304IeP...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various numerical data points for stations like OBIP, OBIP, OBIP, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various numerical data points for stations like SDV, SDV, SDV, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various numerical data points for stations like AC02, CPUP, CPUP, etc.

KLU	Klutina	69.32 330	P	P	08 45 08.6 -0.4
MANZ	Manzenberg	69.39 43	eP	P	08 45 10.4 +0.8
PLN	Plauen	69.40 42	eP	P	08 45 11.1 +1.5
F25K	Christian River	69.41 336	P	P	08 45 08.8 -0.5
E20K	Arctic Village	69.41 337	P	P	08 45 09.5 +0.2
TEOL	Teolo	69.43 46	I Amb	I Amb	08 45 13.9
M24K	Tolsona, Glenn	69.45 330	P	P	08 45 09.7 -0.1
ROTZ	Rotzenmühle	69.47 43	eP	P	08 45 11.1 +1.1
G25K	Beaman Lake	69.55 335	P	P	08 45 09.8 -0.3
T22K	Tannenberghsa	69.59 42	eP	P	08 45 12.1 +1.3
EFI	East Falkland	69.65 174j	eP	P	08 45 10.4 -0.4
ILAR	Elielson Array	69.81 333	P	P	08 45 11.3 -0.5
ILAR	Elielson Array	69.81 333	P	P	08 45 11.5 -0.3
ILAR	Harding Lake	69.83 333	P	P	08 45 11.7 -0.3
CLL	Collin	69.88 41	i P	P	08 45 13.1 +0.6
CLL	Collin	69.88 41	i P	P	08 45 13.1 +0.6
CLL	Collin	69.88 41	eP	P	08 45 13.7 +1.2
ABTA	Abfältersbach	69.90 46	i P	P	08 45 13.3 +0.4
HFS	Hagfors	69.92 32	P	P	08 45 12.2 -0.4
WET	Wetzell	69.95 43	eP	P	08 45 14.1 +1.1
LESA	Schwarzleotal	69.95 45	i P	P	08 45 14.0 +0.8
SCM	Sheep Creek Mo	70.00 330	P	P	08 45 12.5 -0.7
DHY	Denalj Highway	70.01 331	P	P	08 45 12.7 -0.6
POKR	Poker Plat Res	70.05 334	P	P	08 45 13.1 -0.2
P23K	Montague Isian	70.06 328	P	P	08 45 13.2 -0.2
STAL	STALIGIAL	70.08 47	I Amb	I Amb	08 45 14.7
G24K	Hadweenc Riv	70.09 335	P	P	08 45 13.1 -0.4
WAT6	Susitna Watana	70.18 331	P	P	08 45 13.7 -0.6
M23K	Glacier View	70.19 330	P	P	08 45 14.1 -0.1
HSK	Hora Svate Kat	70.20 42	eP	P	08 45 17.9 +3.4
CCB	Clear Creek Bu	70.20 333	I Amb	I Amb	08 45 18.4
COLA	College	70.22 333	P	P	08 45 13.6 -0.8
COLA	College	70.22 333j	eP	P	08 45 14.3 0.0
COLA	College	70.22 333	P	P	08 45 14.1 -0.2
H24K	Noodor Dome	70.24 334	P	P	08 45 14.5 0.0
MURB	Monte Urbino	70.25 50	I Amb	I Amb	08 45 20.4
F24K	Squaw Lake	70.27 336	P	P	08 45 14.3 -0.3
CESX	Cesi	70.36 50	I Amb	I Amb	08 45 19.9
KHC	Kasperske Hory	70.41 43	i P	P	08 45 16.2 +0.3
KHC	Kasperske Hory	70.41 43	eP	P	08 45 16.9 +1.0
KBA	Koelnbreinsper	70.44 46	eP	P	08 45 16.5 +0.2
SML	Sawmill	70.47 330	I Amb	I Amb	08 45 23.1
SML	Sawmill	70.47 330	P	P	08 45 16.0 -0.1
PWL	Port Wells	70.50 329	P	P	08 45 16.3 +0.2
BRG	Berggiesshubel	70.50 42	P	P	08 45 17.4 +1.1
BRG	Berggiesshubel	70.50 42	eP	P	08 45 17.2 +0.9
BRG	Berggiesshubel	70.50 42	eP	P	08 45 17.7 +1.4
BRG	Berggiesshubel	70.50 42	Amp	P	08 45 23.0
GE2C	GERESS Array S	70.52 44	I Amb	I Amb	08 45 20.5
GE2C	GERESS Array S	70.52 44	eP	P	08 45 16.9 +0.3
GERES	GERESS Array B	70.52 44	P	P	08 45 17.3 +0.7
KNK	Knik Glacier	70.54 330	P	P	08 45 16.7 +0.3
WAT1	Susitna Watana	70.55 331	P	P	08 45 16.4 0.0
BIOA	Bud Ischl, Aus	70.58 45	i P	P	08 45 19.2 +2.3
C24K	Franklin Bluff	70.61 339	P	P	08 45 16.8 +0.2
D24K	Happy Valley	70.64 338	P	P	08 45 17.0 +0.1
FDMO	Fiordimonte	70.68 50	I Amb	I Amb	08 45 19.1
MYKA	Terra Mystica	70.68 46	i P	P	08 45 18.4 +0.8
MCK	McKinley	70.71 332	I Amb	I Amb	08 45 27.6
MCK	McKinley	70.71 332	P	P	08 45 17.4 0.0
NEA2	Nenana	70.75 333	P	P	08 45 17.1 -0.5
ZVC	Zvikov	70.78 43	eP	P	08 45 20.8 +2.7
PMR	Palmer	70.86 330	P	P	08 45 18.1 -0.2
PMR	Palmer	70.86 330	P	P	08 45 18.1 -0.2
PMR	Palmer	70.86 330	P	P	08 45 18.5 +0.3
I23K	Minto, Yukon-K	70.86 334	P	P	08 45 18.5 +0.3
TOLK	Toolik Lake Re	70.91 337	P	P	08 45 18.7 +0.1
CKRC	Cesky Krumlov	70.92 44	eP	P	08 45 19.2 +0.2
E23K	Chandalar	70.93 337	P	P	08 45 18.9 +0.2
MOA	Molin	70.98 45	i P	P	08 45 19.8 +0.4
SEW	Seward	71.08 328	P	P	08 45 19.9 +0.2
G23K	Bananza Creek	71.10 335	P	P	08 45 20.2 +0.5
COLD	Coldfoot	71.16 336	P	P	08 45 20.5 +0.4
RC01	Rabbit Creek A	71.17 329	P	P	08 45 20.7 +0.4
O22K	Cooper Landing	71.20 329	P	P	08 45 20.6 +0.2
SPIT5	Spitsbergen Ar	71.22 12	P	P	08 45 20.6 +0.3
C23K	Itkillik River	71.27 339	P	P	08 45 21.1 +0.5
D23K	Nanushuk River	71.31 338	P	P	08 45 20.7 -0.3
OBKA	Obir	71.32 46	i P	P	08 45 22.6 +1.1
TRF	Thorfare Moun	71.32 332	P	P	08 45 21.0 -0.3
M22K	Willow	71.32 330	P	P	08 45 21.2 +0.2
CUT	Chulitna	71.36 331	P	P	08 45 21.3 0.0

SLKM	Skilak Lake	71.44 329	I Amb	I Amb	08 45 26.7
BPWA	Bear Paw Mtn.	71.60 333	P	P	08 45 21.9 -0.9
BPWA	Bear Paw Mtn.	71.60 333	I Amb	I Amb	08 45 29.4
BPWA	Bear Paw Mtn.	71.60 333	P	P	08 45 22.7 -0.1
SOKA	Sotho	71.63 46	eP	P	08 45 23.6 +0.2
SUA	Susitna One	71.64 330	P	P	08 45 22.6 -0.6
H22K	Ishlaltina Cre	71.68 334	I Amb	I Amb	08 45 25.6
H22K	Ishlaltina Cre	71.68 334	P	P	08 45 22.5 -0.7
G22K	Bettles	71.68 336	P	P	08 45 23.0 -0.1
B22K	Bradley Lake S	71.75 328	P	P	08 45 23.6 -0.2
UPC	Upice	71.85 42	eP	P	08 45 28.8 +4.3
UPC	Upice	71.85 42	eP	P	08 45 28.8 +4.3
CAPN	Captain Cook N	71.88 329	P	P	08 45 23.9 -0.6
ARSA	Arzberg	71.90 45	i P	P	08 45 23.6 -1.3
SKT	Skventna	71.98 300	P	P	08 45 24.8 -0.3
KSP	Ksiaz	71.99 41	P	P	08 45 28.9 +3.6
KSP	Ksiaz	71.99 41	eP	P	08 45 25.0 -0.4
PAOL	Paolisi	72.03 52	I Amb	I Amb	08 45 31.6
D22K	Ayikyak River	72.03 338	P	P	08 45 25.5 +0.2
CONA	Conrad Observa	72.04 45	i P	P	08 45 25.3 -0.5
DPD	Dobruska Polom	72.06 42	eP	P	08 45 25.4 -0.5
DPD	Dobruska Polom	72.06 42	eP	P	08 45 25.4 -0.5
CHUM	Lake Minchum	72.20 332	P	P	08 45 26.0 -0.3
PPLA	Purkypyle	72.22 331	P	P	08 45 26.2 -0.4
HOM	Homer	72.22 328	P	P	08 45 26.4 -0.1
B22K	Teshepkuk Lake	72.22 339	P	P	08 45 26.4 +0.1
KRUC	Krucik	72.26 43	eP	P	08 45 27.3 +0.3
H21K	Melozitna Rive	72.28 334	P	P	08 45 26.8 0.0
SPU	Mount Spurr	72.29 330	I Amb	I Amb	08 45 32.1
VRAC	Vranov	72.36 43	i P	P	08 45 28.4 +0.7
VRAC	Vranov	72.36 43	eP	P	08 45 28.3 +0.7
VRAC	Vranov	72.36 43	eP	P	08 45 27.8 +0.2
RONA	Rosalia, Austr	72.36 45	i P	P	08 45 27.6 -0.1
SPCR	Spurr Chakacha	72.36 330	P	P	08 45 26.9 -0.6
KRLC	Krailky	72.39 42	eP	P	08 45 29.1 +1.3
F21K	Alatina River	72.44 336	I Amb	I Amb	08 45 33.7
F21K	Alatina River	72.44 336	P	P	08 45 27.2 -0.6
G21K	Allakaket	72.50 335	P	P	08 45 27.6 -0.5
E21K	Kilik River	72.53 337	I Amb	I Amb	08 45 39.5
E21K	Kilik River	72.53 337	P	P	08 45 27.8 -0.6
O20K	Slo Mountain	72.67 328	P	P	08 45 28.4 -0.9
B21K	Ikpikpuk River	72.67 338	P	P	08 45 28.5 -0.6
Q20K	Shuyak Island	72.70 327	P	P	08 45 28.8 -0.6
RED	Redoubt Volcan	72.71 329	I Amb	I Amb	08 45 39.0
M20K	Styx River	72.74 330	P	P	08 45 28.9 -0.8
C21K	Knifeblad Rid	72.77 338	P	P	08 45 28.8 -0.9
KDAK	Kodiak Island	72.89 326j	eP	P	08 45 31.3 +0.8
KDAK	Kodiak Island	72.89 326	P	P	08 45 29.8 -0.7
MORC	Moravsky Berou	72.91 42	I Amb	I Amb	08 45 35.4
MORC	Moravsky Berou	72.91 42	i P	P	08 45 32.0 +1.0
MORC	Moravsky Berou	72.91 42	eP	P	08 45 31.9 +1.0
MORC	Moravsky Berou	72.91 42	eP	P	08 45 31.4 +0.5
MODS	Modra-Piesok	72.93 44	eP	P	08 45 31.8 +0.8
MODS	Modra-Piesok	72.93 44	eP	P	08 45 30.6 -0.3
P19K	Oil Pt	73.02 328	P	P	08 45 30.7 -0.7
K20K	Telida	73.02 332	P	P	08 45 30.7 -0.6
I20K	Naaghedeneel	73.06 333	P	P	08 45 30.5 -0.9
JAVC	Velka Javorina	73.12 43	eP	P	08 45 33.6 +1.4
H20K	Anotleneaga Mo	73.15 334	P	P	08 45 31.2 -0.8
A21K	Barrow	73.19 340	P	P	08 45 31.4 -0.7
Q19K	Cape Douglas,	73.31 327	I Amb	I Amb	08 45 39.1
Q19K	Cape Douglas,	73.31 327	P	P	08 45 32.4 -0.7
F20K	Avaarart Lake	73.33 336	I Amb	I Amb	08 45 39.3
F20K	Avaarart Lake	73.33 336	P	P	08 45 32.6 -0.4
OHAK	Old Harbor	73.33 325	P	P	08 45 33.5 +0.4
OHAK	Old Harbor	73.33 325	I Amb	I Amb	08 45 46.5
OHAK	Old Harbor	73.33 325	P	P	08 45 32.9 -0.3
BLY	Banja Luka	73.39 48	i P	P	08 45 34.9 +1.1
D20K	Etivluk River	73.47 338	P	P	08 45 33.5 -0.3
O19K	Port Aisworth	73.50 329	I Amb	I Amb	08 45 40.6
O19K	Port Aisworth	73.50 329	P	P	08 45 33.2 -0.9
N19K	Bonanza Creek	73.50 329	I Amb	I Amb	08 45 40.5
N19K	Bonanza Creek	73.50 329	P	P	08 45 33.2 -1.1
L19K	White Mountain	73.52 331	P	P	08 45 33.5 -0.8
J19K	Poorman	73.64 333	P	P	08 45 34.1 -0.8
H19K	Roundabout Mou	73.80 334	I Amb	I Amb	08 45 42.5
H19K	Roundabout Mou	73.80 334	P	P	08 45 35.3 -0.4
E19K	Redstone River	73.86 336	I Amb	I Amb	08 45 42.8
E19K	Redstone River	73.86 336	P	P	08 45 35.6 -0.6
SII	Sitkinak Isian	73.91 325	P	P	08 45 36.5 -0.1
R18K	Karluk	73.91 326	P	P	08 45 36.0 -0.5
G19K	Purcell Mouna	73.98 335	P	P	08 45 36.6 -0.2
TIP	Tipmagrande	73.99 53	i P	P	08 45 36.6 -0.9
O18K	Koktuk Hills	73.99 328	P	P	08 45 36.8 -0.2
D19K	Kuna River	74.05 337	I Amb	I Amb	08 45 44.0
D19K	Kuna River	74.05 337	P	P	08 45 36.8 -0.5
M18K	Stor River	74.06 330	P	P	08 45 36.3 -1.1
P18K	Big Mountain,	74.06 328	I Amb	I Amb	08 45 43.9
P18K	Big Mountain,	74.06 328	P	P	08 45 37.1 -0.4
GCSA	Galena City Sc	74.08 334	P	P	08 45 36.8 -0.6</

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like CNBA Chernabura Isl, L14K Kukla Creek, J14K Nanvaranak Lak, etc.

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SOC Sochi, BELG Belogornyye, ARPR Arapgir-MALATY, etc.

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OBIP Obisapdo Ponce, CELP Cerrillos, UUPR Utado, etc.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like BOZ, ESJX, YUH, PRN, PMOZ, DLMT, PMD, PFO, PFO, BCYI, SHOC, SHOV, DPP, HLID, GWC, GSC, WCT, CO01, QSM, FURC, ELS, GRAC, LRMC, MWC, MFID, TPO, CWC, DSP, PLID, NV11, NVAR, NVAR, LHV, WVOR, J08A, EDM, NEW, LNOR, MT08, MT08, MT13, ORV, K05A, SUTB, EPH, 003E, B08A, MXC, L04D, HO4A, DCMP, BBOR, PFVI, MORF, MORF, MOE, MOE, PCAS, PCAS, MESJ, MESJ, PMTG, PSARD, PSARD, PARRA, PARRA, PBEJ, PBEJ, PVAQ, PVAQ, PVIS, PESTR, POLO, POLO, PVRL, PCBR, MTE, MTE, PMRV, YKAW1, PBAR, PBAR, YKA, YKA, YKA, YKAW3, MVO, MVO, SUMG, SUMG, SUMG, SUMG, M0D1, M0D1, M0D1.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like PAB, PAB, PAB, PAB, ESCD, ESCD, ESCD, ESCB, PLCA, PLCA, PLCA, PLCA, PLCA, PLCA, TULEG, TULEG, TOAD, WRGLY, NEEM, NEEM, LLO1, LLO1, EKA, U35K, U35M, U35M, T35M, T35M, WTLY, WTLY, WTLY, WTLY, DBIC, DBIC, DBIC, DBIC, V35K, S34M, R33M, WRAK, CRAQ, C36M, U33K, Q32M, P33M, N32M, P32M, S32K, FARO, FARO, SIT, A36M, A36M, WHY, SKAG, M31M, M31M, S31K, PLBC, N31M, O30N, O30N, H30M, H30M, F31M, MAYO, G31M, INK, INK, AY03, N30M, N30M, M30M, HYT, J30M, J30M, I30M, YK06, YK06, O29M, F30M, TORD, EPYK, L29M, L29M, L29M, YUK4, M29M, M29M, J29N.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like ECH, I29M, I29M, YUK8, G29M, G29M, PINM, O28M, DAWY, DAWY, E29M, YUK3, I28M, NOR, NOR, BVCY, D28M, CTGM, CTG, F28M, F28M, E28M, MESA, M27K, M27K, BCAR, L27K, I27K, I27K, H27K, H27K, TUE, TUE, G27K, D27M, CRQE, MCAR, E27K, M26K, DAVA, L26K, J26L, SCRK, RETA, FETA, KEST, G26K, BMRM, NB2, NOA, NOA, N25K, F26K, F26K, C27K, RIDG, SQT, HARP, BMAR, PAX, J25K, WATA, WTTA, C26K, K24K, KLU, F25K, F25K, E25K, M24K, G25K, IL31, ILAR, HDA, HDA, CLL, CLL, CLL, ABTA, LESA, SCM, DHY, POKR, POKR, G24K, WAT6.

M23K	Glacier View	70.19	330	P	P	09 01 57.4	-0.2
CCB	Clear Creek Bu	70.21	333	I	Amb	09 03 53.2	
COLA	College	70.23	333f	eP	P	09 01 57.3	-0.4
COLA	College	70.23	333	P	P	09 01 57.8	+0.1
H24K	Noodor Dome	70.25	334	I	Amb	09 02 01.2	
H24K	Noodor Dome	70.25	334	P	P	09 01 58.4	+0.5
F24K	Squaw Lake	70.27	336	P	P	09 01 58.6	+0.5
CESX	Cesi	70.34	50	I	Amb	09 02 01.8	
KHC	Kasperske Hory	70.39	43	I	Amb	09 02 02.6	
KHC	Kasperske Hory	70.39	43f	eP	P	09 01 59.1	0.0
KBC	Kasperske Hory	70.39	43	eP	P	09 02 01.6	+2.5
KBC	Koelnbreinsper	70.42	46	eP	P	09 02 00.5	+1.1
SML	Sawmill	70.48	330	P	P	09 01 59.2	-0.2
BRG	Berggiesshubel	70.49	42	eP	P	09 02 00.3	+0.7
BRG	Berggiesshubel	70.49	42	eP	Amp	09 02 02.6	
GEC2	GERESS Array S	70.50	44	I	Amb	09 02 03.0	
GERES	GERESS Array B	70.50	44	P	P	09 02 00.6	+0.7
PWL	Port Wells	70.51	329	P	P	09 02 00.2	+0.7
KNK	Knik Glacier	70.55	330	P	P	09 02 00.3	+0.4
WAT1	Susitna Watana	70.56	331	P	P	09 02 00.2	+0.3
BIOA	Bad Ischl, Aus	70.56	45	i	P	09 02 00.6	+0.4
C24K	Franklin Bluff	70.61	339	P	P	09 02 00.1	+0.2
D24K	Happy Valley	70.65	338	P	P	09 02 00.6	+0.4
MYKA	Terra Mystica	70.67	46	i	P	09 02 01.0	+0.2
MCK	McKinley	70.71	332	P	P	09 02 00.5	-0.3
NEA2	Nenana	70.76	333	P	P	09 02 00.6	-0.4
I23K	Minto, Yukon-K	70.77	334	P	P	09 02 01.9	+0.3
PMR	Palmer	70.87	330	P	P	09 02 02.4	+0.7
CKRC	Cesky Krumlov	70.90	44	eP	P	09 02 03.5	+1.3
CKRC	Cesky Krumlov	70.90	44	eP	I	09 02 03.5	+1.3
TOLK	Toolik Lake Re	70.92	337	P	P	09 04 19.2	
TOLK	Toolik Lake Re	70.92	337	P	P	09 02 02.4	+0.5
E23K	Chandalar	70.93	337	P	P	09 02 02.2	+0.1
MOA	Molin	70.97	45	i	P	09 02 02.9	+0.3
SEW	Seward	71.09	328	P	P	09 02 03.3	+0.3
G23K	Bananza Creek	71.11	335	P	P	09 02 03.3	+0.2
COLD	Coldfoot	71.17	336	I	Amb	09 02 04.8	
COLD	Coldfoot	71.17	336	P	P	09 02 03.7	+0.2
RC01	Rabbit Creek A	71.18	329	P	P	09 02 04.1	+0.5
C23K	Iklik River	71.28	339	P	P	09 02 04.2	+0.1
OBKA	Obir	71.30	46	i	P	09 02 04.7	0.0
D23K	Nanushuk River	71.31	338	P	P	09 02 04.6	+0.3
TRF	Thorofare Moun	71.33	332	P	P	09 02 04.5	-0.2
M22K	Willow	71.33	330	P	P	09 02 04.5	+0.1
C23K	Chulitna	71.37	331	P	P	09 02 04.7	0.0
BPAW	Bear Paw Mtn.	71.61	333	P	P	09 02 05.8	-0.4
SOKA	Soboth	71.61	46	i	P	09 02 05.9	-0.7
SUA	Susitna One	71.65	330	I	Amb	09 03 50.3	
SUA	Susitna One	71.65	330	P	P	09 02 06.3	-0.3
H22K	Ishlita Cre	71.68	334	P	P	09 02 06.6	0.0
G22K	Bettles	71.69	336	P	P	09 02 06.5	-0.1
E22K	Anaktuvuk Pass	71.76	337	P	P	09 02 06.8	-0.2
BRSE	Bradley Lake S	71.76	328	P	P	09 02 07.0	-0.1
ARZA	Arzberg	71.85	45	I	Amb	09 02 10.3	
ARSA	Arzberg	71.88	45	i	P	09 02 08.4	+0.3
SKT	Skwentna	71.99	330	P	P	09 02 08.2	-0.3
CONA	Conrad Observa	72.03	45	i	P	09 02 09.7	+0.6
D22K	Aiyikay River	72.04	338	I	Amb	09 02 09.6	
D22K	Aiyikay River	72.04	338	P	P	09 02 08.8	+0.1
CHUM	Lake Minchumin	72.20	332	P	P	09 02 09.2	-0.5
B22K	Teshaypak Lake	72.22	339	P	P	09 02 09.8	+0.1
PPLA	Purkeypile	72.22	331	P	P	09 02 09.5	-0.5
KRUC	Moravsky	72.24	43	eP	P	09 02 09.9	-0.3
H21K	Melozitna Riv	72.29	334	I	Amb	09 02 13.0	
H21K	Melozitna Riv	72.29	334	P	P	09 02 10.2	0.0
SPUK	Mount Spurr	72.30	330	I	Amb	09 02 13.1	
VRAC	Vranov	72.34	43	eP	P	09 02 10.8	0.0
RONA	Rosalia, Austr	72.34	45	i	P	09 02 11.2	+0.3
KRLC	Kraliky	72.37	42	eP	P	09 02 13.6	+2.5
SPCR	Spurr Chakacha	72.37	330	P	P	09 02 10.8	-0.1
F21K	Alatna River	72.44	336	I	Amb	09 02 25.6	
F21K	Alatna River	72.44	336	P	P	09 02 11.1	-0.1
G21K	Allakaket	72.51	335	P	P	09 02 11.7	+0.2
E21K	Killik River	72.54	337	P	P	09 02 11.5	-0.2
O20K	Slope Mountain	72.68	328	P	P	09 02 13.0	+0.2
B21K	Ikpikpuk River	72.68	338	P	P	09 02 12.7	+0.2
RED	Redoubt Volcan	72.72	329	I	Amb	09 02 15.5	
M20K	Styx River	72.75	330	I	Amb	09 02 15.4	
M20K	Styx River	72.75	330	P	P	09 02 12.7	-0.5
C21K	Knifeflade Rid	72.78	338	P	P	09 02 12.6	-0.5
MORC	Moravsky Berou	72.90	42	I	Amb	09 02 17.3	
MORC	Moravsky Berou	72.90	42	i	P	09 02 15.0	+0.8
MORC	Moravsky Berou	72.90	42	i	P	09 02 15.0	+0.8
MORC	Moravsky Berou	72.90	42	eP	P	09 02 14.4	+0.2
KDAK	Kodiak Island	72.90	326	P	P	09 02 13.6	-0.3
MODS	Modra-Piesok	72.91	44	eP	P	09 02 14.2	-0.1
MODS	Modra-Piesok	72.91	44	eP	P	09 02 14.2	-0.1
J20K	Nowinta River	72.98	333	I	Amb	09 02 16.0	

J20K	Nowinta River	72.98	333	P	P	09 02 13.6	-0.8
STEB	Steborice	73.02	42	eP	P	09 02 17.4	+2.5
K20K	Telida	73.03	332	P	P	09 02 14.4	-0.3
I20K	Naaghedeneel	73.06	333	P	P	09 02 14.7	-0.1
JAVC	Velja Javorina	73.10	43	eP	P	09 02 15.8	+0.4
H20K	Antoleneva Mo	73.16	334	P	P	09 02 15.2	-0.2
A21K	Barrow	73.20	340	P	P	09 02 15.6	+0.1
Q19K	Cap Douglas,	73.32	327	P	P	09 02 16.6	+0.1
F20K	Avaraart Lake	73.33	336	P	P	09 02 16.5	+0.1
OHAK	Old Harbor	73.34	325	P	P	09 02 16.8	+0.3
E20K	Nigu River	73.38	337	P	P	09 02 16.3	-0.4
D20K	Etiwluk River	73.48	338	I	Amb	09 02 19.7	
D20K	Etiwluk River	73.48	338	P	P	09 02 16.6	-0.6
O19K	Port Alsworth	73.51	329	P	P	09 02 17.4	-0.1
N19K	Boniza Creek	73.51	329	P	P	09 02 17.4	-0.3
L19K	White Mountain	73.52	331	P	P	09 02 17.4	-0.2
J19K	Poorman	73.65	333	I	Amb	09 03 49.9	
J19K	Poorman	73.65	333	P	P	09 02 18.4	+0.1
H19K	Roundabout Mou	73.81	334	P	P	09 02 19.4	+0.2
E19K	Redstone River	73.87	336	I	Amb	09 02 20.8	
E19K	Redstone River	73.87	336	P	P	09 02 19.6	+0.1
S11	Sitkinak Islan	73.92	325	P	P	09 02 20.3	+0.3
G19K	Purcell Mouna	73.98	335	I	Amb	09 02 20.6	
G19K	Purcell Mouna	73.98	335	P	P	09 02 20.5	+0.3
O18K	Koktuh Hills	74.00	328	P	P	09 02 20.3	-0.2
D19K	Kun River	74.06	337	P	P	09 02 20.4	-0.2
M18K	Stony River	74.07	330	P	P	09 02 20.6	-0.1
P18K	Big Mountain,	74.07	328	I	Amb	09 02 24.8	
P18K	Big Mountain,	74.07	328	P	P	09 02 20.6	-0.3
GCSA	Galena City Sc	74.09	334	P	P	09 02 20.4	-0.4
MORH	Mogy, Hungar	74.15	46	i	P	09 02 21.3	-0.2
F19K	Shalerucik Mo	74.16	336	I	Amb	09 02 23.2	
F19K	Shalerucik Mo	74.16	336	P	P	09 02 20.8	-0.5
ARCES	ARCCESS Array B	74.19	21	P	P	09 02 21.1	-0.2
ARCES	ARCCESS Array B	74.19	21	eP	P	09 02 22.6	+1.3
J18K	Innoko River	74.20	332	I	Amb	09 04 25.3	
J18K	Innoko River	74.20	332	P	P	09 02 21.1	-0.4
N18K	Kilae Creek	74.22	329	P	P	09 02 21.6	-0.1
OJC	Ojok	74.27	42	P	P	09 02 22.8	+0.6
ACHA	Angle Creek He	74.29	327	I	Amb	09 02 27.5	
L18K	Granite Mouna	74.37	331	P	P	09 02 22.5	0.0
C19K	Lookout Ridge	74.49	338	P	P	09 02 23.4	+0.2
Q17K	Contact Creek	74.58	327	P	P	09 02 24.0	+0.1
G18K	Tagagakiv	74.66	335	I	Amb	09 02 26.9	
G18K	Tagagakiv	74.66	335	P	P	09 02 24.2	0.0
H18K	Honhosa River	74.66	334	P	P	09 02 24.2	0.0
P17K	Kvichak River	74.72	328	P	P	09 02 24.8	+0.2
A19K	Wainwright	74.82	339	P	P	09 02 25.2	+0.2
M17K	Holtina River	74.85	330	P	P	09 02 25.5	+0.2
N17K	Nushagak Hills	74.87	329	P	P	09 02 24.9	-0.6
Q16K	King Salmon	74.91	327	P	P	09 02 25.7	0.0
PLK4	Peulik 4	74.93	326	I	Amb	09 02 29.3	
R17L	Mt. Peulik Vol	74.93	326	P	P	09 02 25.7	-0.2
O17K	Kiliganek Bris	74.95	328	P	P	09 02 25.9	0.0
K17K	Iditarod	75.03	332	I	Amb	09 02 29.0	
K17K	Iditarod	75.03	332	P	P	09 02 26.1	-0.3
L17K	Dunlon	75.13	331	P	P	09 02 26.7	-0.3
E18K	Utukok River	75.15	338	P	P	09 02 26.6	-0.4
C18K	Tukpahleark C	75.16	337	I	Amb	09 02 27.4	
E18K	Tukpahleark C	75.16	337	P	P	09 02 26.3	-0.7
J17K	VAMB Dome	75.26	332	P	P	09 02 27.7	+0.1
H17K	Granite Mouna	75.34	334	I	Amb	09 02 30.4	
H17K	Granite Mouna	75.34	334	P	P	09 02 27.9	-0.2
O16K	Kokwok River B	75.48	328	P	P	09 02 28.8	-0.1
P16K	Nushagak River	75.53	328	P	P	09 02 29.1	-0.1
G17K	Kiwalik Mouna	75.54	335	P	P	09 02 29.1	-0.2
F17K	Baldwin Pennin	75.59	336	P	P	09 02 29.6	+0.1
M16K	Timber Creek	75.64	330	P	P	09 02 30.3	+0.2
N16K	Nisikhik Lake	75.65	329	P	P	09 02 30.3	+0.2
L16K	Owhat River	75.75	331	P	P	09 02 31.0	+0.5
FINES	FINESS Array B	75.80	30	P	P	09 02 30.9	+0.2
FINES	FINESS Array B	75.80	30	eP	P	09 02 31.3	+0.5
PABE	Paberze	75.85	336	P	P	09 02 31.3	+0.1
I17K	Unalakleet	75.88	333	P	P	09 02 31.5	+0.3
RDOG	Red Dog Mine	75.89	337	I	Amb	09 02 33.1	
RDOG	Red Dog Mine	75.89	337	P	P	09 02 30.5	-0.7
C17K	DeLong Mounai	75.89	338	P	P	09 02 31.3	0.0
J16K	Anvik River	75.95	332	P	P	09 02 31.7	0.0
D17K	Noatak River	76.03	337	P	P	09 02 32.0	+0.1
S1RR	Sirrine	76.20	46	i	P	09 02 34.5	+1.1
G16K	Koyuk River	76.26	335	I	Amb	09 02 34.2	
G16K	Koyuk River	76.26	335	P	P	09 02 33.9	+0.6
BZS	Buzias	76.30	46	i	P	09 02 34.5	+0.1
EDA	Edea	7					

2020 JAN

7d 10h

Table with columns: AOPR, comp=N, 2um, 0.2s, IAML, 09 47 39.1, etc. Lists various station data for the 7-day 10-hour period.

UPA 07 09:49:19.9 ± 1.4, 8°6'4N-82°9'8W, h37km, 6km, ML3.6, MW3.6, Presumed earthquake

UCR 07 09:49:19.6 ± 1.1, 8°6'1N-82°9'7W, h42km, 4km, MW3.5, 11C-5D, Presumed earthquake, Panama-Costa Rica border region

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists station data for the 7-day 10-hour period.

RSPR 07 09:57:31.1, 17°9'N-66°7'W, h8km, 1km, MD2, 3/8, 1D, Puerto Rico region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists station data for the RSPR event.

NEIC 07 09:58:30.6 ± 0.9, 17°89'N-0°03'-66°79'W-0°02', h10km, 2km, ML3.3/23, Error ellipse: s-maj=6.2km s-min=3.0km az=24.0

RSPR 07 09:58:31.3, 17°9'N-66°7'W, h4km, MD2.6/8, 1C-3D, Puerto Rico region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists station data for the RSPR event.

Table with columns: PRSN, Puerto Rico Se, 0.43 308, etc. Lists station data for the Puerto Rico Se event.

Table with columns: RSPR 07 10:01:03.5, 18°05'N-66°82'W, h9km, 12km, 3C, Puerto Rico region. Lists station data for the RSPR event.

NEIC 07 10:01:54.7 ± 0.7, 17°94'N-0°03'-66°72'W-0°01', h10km, 1km, ML3.6/23, Error ellipse: s-maj=4.3km s-min=2.8km az=0.0

RSPR 07 10:01:55.1, 17°95'N-66°73'W, h9km, 1km, MD3, 3/5, ISC 07 10:01:55.0 ± 1.1, 17°95'N-0°06'-66°72'W-0°02', h14km, 6km, n24, r053/36, 4C-5D, Puerto Rico region

Main table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists station data for the RSPR event.

SJA 07 10:06:37.7 ± 0.6, 30°36'S-72°30'W, h9km, 3km, ML3.6, MW3.4

IDC 07 10:06:39.6 ± 1.7, 30°54'S-72°38'W, h0km, mb3.8/1, mbmp3.6/5, ML3.6/4, Error ellipse: s-maj=52.1km s-min=27.6km az=89.0

GUC 07 10:06:41.9 ± 0.7, 30°48'S-72°02'W, h41km, 4km, ML3.6, ISC 07 10:06:41.6 ± 1.5, 30°41'S-0°02'-72°11'W-0°05', h14km, 9km, n56, r187/178, 2C-5D, Off coast of central Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists station data for the RSPR event.

Table with columns: CO01, Las Campanas, 1.85 42, etc. Lists station data for the Las Campanas event.

Table with columns: ACCO, Cerro Coronel, 2.63 95, etc. Lists station data for the Cerro Coronel event.

NEIC 07 10:01:55.1, 17°95'N-66°73'W, h9km, 1km, MD3, 3/5, ISC 07 10:01:55.0 ± 1.1, 17°95'N-0°06'-66°72'W-0°02', h14km, 6km, n24, r053/36, 4C-5D, Puerto Rico region

Table with columns: ZON, Zonda, 3.16 112, etc. Lists station data for the Zonda event.

Table with columns: SJA, SJA, 3.25 111, etc. Lists station data for the SJA event.

Table with columns: CFA, Coronel Fontana, 3.53 111, etc. Lists station data for the Coronel Fontana event.

Table with columns: VCA, Vinchina, 3.79 65, etc. Lists station data for the Vinchina event.

Table with columns: H03N1, Juan Fernandez, 6.53 241, etc. Lists station data for the Juan Fernandez event.

Table with columns: H11S2, WAKE ISLAND, Hyt25.69 272, etc. Lists station data for the WAKE ISLAND event.

Table with columns: SIV, San Ignacio, 17.55 38, etc. Lists station data for the San Ignacio event.

Table with columns: MANEM, Manem, 0.39 335, etc. Lists station data for the Manem event.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists station data for the Manem event.

2020 JAN

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like TOLK, A36M, D27M, BMAR, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like GPCR, GPCR, GPCR, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like CRPR, CRPR, LSP, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like MLPR, OBIP, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like MAGL, DSDZ, GDSO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like MLPR, CRPR, CRPR, etc.

Text block containing station coordinates and parameters: IDC 07 10:13:53.1±0.6, 17.85N:66.74W, h0km, mb4.0/14, mbtm3.4/4, ML2.9/1, Error ellipse: s-maj=15.4km...

Text block containing station coordinates and parameters: IDC 07 10:13:55.0, 17.93N:66.72W, h7km, mbtm3.9/2, ML3.8/2.2, Error ellipse: s-maj=9.3km...

Text block containing station coordinates and parameters: IDC 07 10:18:27.2±1.4, 18.04N:66.90W, h0km, mb3.2/3, mbtm3.4/4, ML2.9/1, Error ellipse: s-maj=28.6km...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like OBIP, OBIP, OBIP, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like TXAR, TXAR, TXAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like CRPR, CRPR, CRPR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like AOPR, AOPR, AOPR, etc.

Table with columns: Station Name, Time, Res, and other parameters. Includes stations like HHC, PZH, HHC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like OBIP, OBIP, OBIP, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like Cabo Rojo, Las Mesas, Arcebio Observ, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like Aguadilla, Guaynabo City, Isla Desecheo, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like Cabo Rojo, Las Mesas, Puerto Rico Se, etc.

IDC 07 10:28:09.6:0.8, 18:04N:66:78W, h0km, mb3.8/9, mbtmp3.8/10, ML2.4/2, Error ellipse: s-maj=22.9km s-min=7.9km az=1.0

NEIC 07 10:28:10.6:17.95N:66:74W, h10km OSPL 07 10:28:10.6:0.3, 17.86N:66:74W, h0km, 3km, ML4.0, Presumed earthquake

NEIC 07 10:28:10.9:1.6, 17.95N:0:03:66:72W:0.01, h10km, 1km, mb4.3/11, ML4.2/26, Mw4.4/19, ML4.1 (RSRP), Mw4.0/12 (SLM), Error ellipse: s-maj=4.6km s-min=2.9km

Scale 1015Nm; Mm-0.33; Mm0.76; Mm0.43; Mm0.135; Mm0.07; Fault plane solution: M0:1.57000e+10 N1:1.61000e+10, S1:8.954000e+09, P2:1.1519000e+10

RSRP 07 10:28:10.6:17.95N:66:74W, h11km PTWC 07 10:28:11, 18:00N:66:70W, ML3.3/13 NEIC 07 10:28:11, 17:98N:66:71W, h8km, Moment Tensor Solution. Moment tensor: Scale 1015Nm; Mm-0.28; Mm0.74; Mm0.46; Mm0.41; Mm0.50; Mm0.37; Fault plane solution: M0:1.14000e+10 N1:1.347e+10, S1:1.1349e+10, P2:1.349e+10

ISC 07 10:28:10.7:0.8, 17.97N:0:03:66:74W:0.02, h10km, 5km, n97, c15/121, mb4.1/14, 3C-3D, Puerto Rico region

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

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like Barre de Vile, DSDZ, GDSL, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like JSC, V53A, TXAR, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like TXAR, TXAR, TXAR, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like TXAR, TXAR, TXAR, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like TXAR, TXAR, TXAR, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like TXAR, TXAR, TXAR, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like TXAR, TXAR, TXAR, etc.

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

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

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

RSRP 07 10:31:23.9, 17.91N:66:82W, h7km, 1km, 4C-1D, Puerto Rico region

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

RSRP 07 10:35:09.5, 17.95N:66:81W, h3km, 1km, 5C-1D, Puerto Rico region

RSRP 07 10:35:59.7, 18:00N:66:89W, h3km, 2km NEIC 07 10:36:01.2:1.4, 17.82N:0:04:66:88W:0.01, h10km, 1km, ML3.0/17, 7C, Error ellipse: s-maj=6.0km s-min=2.9km az=3.0, Puerto Rico region

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like Maguieys Islan, Cabo Rojo, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like Maguieys Islan, Cabo Rojo, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like Maguieys Islan, Cabo Rojo, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like Maguieys Islan, Cabo Rojo, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like Maguieys Islan, Cabo Rojo, etc.

RSRP 07 10:32:02.1, 18:01N:66:81W, h1km, 1km NEIC 07 10:32:02.3:0.6, 18:03N:0:06:66:82W:0.01, h10km, 1km, ML3.1/23, 4C-4D, Error ellipse: s-maj=10.0km s-min=2.9km az=9.0, Puerto Rico region

RSRP 07 10:46:00.6, 17.93N:66:89W, h7km, MD2.4/5 NEIC 07 10:46:00.7:0.4, 17.94N:0:04:66:89W:0.009, h10km, 2km, ML3.3/15, 3D, Error ellipse: s-maj=7.3km s-min=3.0km az=359.0, Puerto Rico region

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like Maguieys Islan, Cabo Rojo, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like Maguieys Islan, Cabo Rojo, etc.

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Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res. Includes stations like Maguieys Islan, Cabo Rojo, etc.

NEIC 07 11:18:42.8, 17:95N, 66:75W, h10km
GFZ 07 11:18:43.2, 17:83N, 66:77W, h19km, Mw5.7, Moment
Tensor Solution. s42 Moment tensor: Mm=1.55;

Mm2.81; Mm1.26; Mm0.88; Mm2.80; Mm1.29; Fault
plane solution: NP1=282.00000, 868.00000,
lambda=27.00000. NP2=24.00000, 864.00000, lambda=15.00000.

Principal axes: T 4.2400, Plg4.0000, Azm33.0000; N
-0.4700, Plg55.0000, Azm66.0000; P -3.7700,
Plg35.0000, Azm242.0000;

NEIC 07 11:18:43.2, 18:02N, 66:78W, h17km, Moment
Tensor Solution. Moment tensor: Scale 10^17Nm; Mm0.11;

Mm3.00; Mm3.11; Mm0.57; Mm1.83; Mm0.40; Fault
plane solution: M3.63000, 1017, NP1=209.00000,
885.00000, lambda=170.00000. NP2=300.00000, 880.00000,

lambda=5.00000. Principal axes: T 3.6295, Plg11.0000,
Azm164.0000; N 0.0001, Plg79.0000, Azm3.0000; P
-3.6297, Plg4.0000, Azm255.0000;

RSPR 07 11:18:43.5, 18:02N, 66:78W, h10km, 1km
NEIC 07 11:18:43.5, 17:98N, 66:72W, h12km
NEIC 07 11:18:43.5, 18:28N, 66:62W, h12km, Moment
Tensor Solution. Duration: 452 Moment tensor: Scale 10^17Nm;

Mm2.04; Mm1.55; Mm3.59; Mm3.34; Mm4.80; Mm0.11;
Fault plane solution: M6.63000, 1017, NP1=
282.00000, 856.40000, lambda=162.70000. NP2=
289.44000, 875.64000, lambda=134.75000. Principal axes: T

6.3626, Plg34.0000, Azm155.0000; N 0.5065,
Plg53.0000, Azm309.0000; P -6.8690, Plg12.0000,
Azm56.0000;

INMG 07 11:18:44.0, 3.4, 17:86N, 66:58W, h10km, m5.5, Ms5.3,
MW5.8, #DIST_RANGE: DISTANT
OSPL 07 11:18:44.7, 2.8, 18:05N, 66:74W, h0km, 29km, ML5.6,

Presumed earthquake
CATAC 07 11:18:45.0, 0.9, 18:18N, 6:7W, h24km, 6km, M6.27,

m6.25, m6.25, MLV6.37, Mw(MB)5.95, Mw(Mb)6.01,
mbp0.01, Error ellipse: s=na; t=17.6km s-min=2.6km
z=14.8, Moment Tensor Solution. Moment tensor: Scale
10^17Nm; Mm0.17; Mm3.32; Mm3.48; Mm1.26; Mm3.60;

Mm2.16; Fault plane solution: M5.54924, 1017, NP1=
292.68054, 863.57965, lambda=3.79916. NP2=200.98810,
886.59815, lambda=113.63787. Principal axes: T 6.6408,

Plg20.8908, Azm153.6378; N -0.1776, Plg63.3274,
Azm14.1923; P -5.4532, Plg15.8232, Azm249.8478;

confirmed
GCMT 07 11:18:47.0, 4.0, 18:04N, 0:01, 66:72W, 0:01, h16km,
MW5.8/156, Moment Tensor Solution. s117, c206;

s156, c375. Duration: 159 Moment tensor: Scale 10^17
Nm; Mm0.36; Mm4.04; Mm3.36; Mm3.99; Mm3.05;
Mm2.90; Mm2.21; Mm3.36; Mm1.39; Mm1.17; Best double
couple: M5.85600, 1017, NP1=298.00000, 870.00000,

lambda=15.00000. NP2=202.00000, 876.00000, lambda=159.00000.
Principal axes: T 6.7430, Plg24.0000, Azm159.0000;
N -1.7810, Plg65.0000, Azm351.0000; P -4.9690,

Plg5.0000, Azm251.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface/mantle waves,
cutoff=50s. Triangular moment-rate function
ISC 07 11:18:42.8, 0.4, 17.89N, 0:03, 66.77W, 0:02, h13km, 2km,

h13km; p-P 1.1689, t=137, m5.8/566, MS5.4/398,
50C-51D, Puerto Rico region
Code Station Name A' AZ' Phase ID Time Res
ISC m s ISC

Table with columns: SABA, Saba, 3.37, 94, Pn, 11 19 35.7 +0.5

Table with columns: SABA, Saba, 3.37, 94, Pn, 11 19 35.8 +0.5

Table with columns: SABA, Saba, 3.37, 94, Pn, 11 19 36.5 +1.3

Table with columns: SABA, Saba, 3.37, 94, Pn, 11 19 37.1 +2.0

Table with columns: SABA, Saba, 3.37, 94, Pn, 11 19 38.9 +0.1

Table with columns: SABA, Saba, 3.37, 94, Pn, 11 19 40.7 +0.8

Table with columns: SABA, Saba, 3.37, 94, Pn, 11 19 42.4 +0.3

Table with columns: SABA, Saba, 3.37, 94, Pn, 11 19 43.6 +1.3

Table with columns: SABA, Saba, 3.37, 94, Pn, 11 19 43.8 +3.8

Table with columns: SABA, Saba, 3.37, 94, Pn, 11 19 43.9 +0.1

Table with columns: PAMC, Pamploña, Colo, 11.98, 210, P, Pn, 11 21 32.7 -1.1

Table with columns: BRJC, Barrancabermej, 12.81, 213, P, Pn, 11 21 43.7 -1.0

Table with columns: BARO, Barichara, 15.99, 216, P, Pn, 11 21 44.4 -1.2

Table with columns: MGV, Manicaragua, 13.11, 291, eP, Pn, 11 21 47.8 -1.0

Table with columns: UREC, San Jos de Ur, 13.21, 221, eP, Pn, 11 21 48.4 -1.8

Table with columns: RUSC, La Rusia, 13.43, 208, P, Pn, 11 21 51.4 -2.2

Table with columns: PTBC, PUERTO BERRIO, 13.55, 215, P, Pn, 11 21 51.8 -3.1

Table with columns: APAC, Apartado, Choc, 13.78, 225, P, Pn, 11 21 56.9 -1.1

Table with columns: SPBC, San Pablo de B, 14.10, 211, P, Pn, 11 21 59.9 -2.6

Table with columns: DBBC, Bataboa, 14.20, 222, P, Pn, 11 22 04.9 -1.4

Table of flight arrivals for 2020 JAN, columns include flight number, origin, arrival time, and status. Rows include carriers like CVS, MNRC, BO02, etc.

2020 JAN

Table of flight arrivals for 2020 JAN, columns include flight number, origin, arrival time, and status. Rows include carriers like PCBR, MTE, MTE, etc.

Table of flight arrivals for 2020 JAN, columns include flight number, origin, arrival time, and status. Rows include carriers like V35K, MFF, DBIC, etc.

CCB	baz=89,SNR=27	70.15	333	I	Amb	I	P	11	30	00.9
COLA	Clear Creek Bu comp=Z,11nm,1.4s	70.17	333	P	I	Amb	P	11	29	55.1 +0.2
COLA	College	70.17	333	P	I	Amb	P	11	29	55.1 +0.2
COLA	College	70.17	333	P	P	pmax	P	11	29	55.1 +0.2
COLA	comp=Z,106nm,1.1s					MLR	MLR			
COLA	comp=Z,5.2um,20.0s									
COLA	College	70.17	333	P	P		P	11	29	55.2 +0.2
H24K	Noodor Dome	70.19	334	I	Amb	I	P	11	29	56.9
H24K	comp=Z,143nm,1.0s	70.19	334	P	I	Amb	P	11	29	55.8 +0.6
HSKC	Noodor Dome	70.21	42	eP	P	P	P	11	29	56.4 +0.9
HSKC	Hora Svate Kat	70.21	42	eP	P	P	P	11	29	56.4 +0.9
F24K	Squaw Lake	70.22	336	P	P			11	29	56.1 +0.9
MOR8	Mol Rana	70.24	25	eP	S			11	29	57.0 +1.6
MOR8	eS					S		11	29	09.7 +3.0
MOR8	e							11	29	56.1 +0.9
MOR8	e							11	29	56.2
MURB	Monte Urbino	70.26	50	P	P			11	29	53.9 -2.1
WRH	Wood River Hill	70.28	333	I	Amb	I	Amb	11	30	05.0
KBS	comp=Z,92nm,1.1s	70.39	12	P	I	Amb	I	11	29	56.6 +0.5
KBS	Kingsbay	70.39	12	P	I	Amb	I	11	30	31.7
KBS	Kingsbay	70.39	12	P	P	pmax	P	11	29	56.6 +0.5
KBS	Kingsbay	70.39	12	P	P	pmax	P	11	29	56.6 +0.5
KBC	Kasperse Hory	70.42	43	eP	P	pmax	P	11	29	57.1 +0.3
KBC	comp=Z,25nm,1.1s	70.42	43	eP	P	pmax	P	11	29	57.1 +0.3
KHC	Kasperse Hory	70.42	43	eP	P	P	P	11	29	57.1 +1.3
KHC	Kasperse Hory	70.42	43	eP	P	P	P	11	29	57.1 +1.3
KHC	Kasperse Hory	70.42	43	eP	P	P	P	11	29	57.1 +1.3
KHC	Kasperse Hory	70.42	43	eP	P	P	P	11	29	56.3 -0.5
SML	Sawmill	70.42	330	I	Amb	I	Amb	11	30	02.5
SML	comp=Z,130nm,1.2s	70.42	330	P	P			11	29	56.9 +0.3
SML	Sawmill	70.42	330	P	P			11	29	56.9 +0.3
PWL	Port Wells	70.45	329	I	Amb	I	Amb	11	29	58.4
PWL	comp=Z,106nm,1.0s	70.45	329	P	P			11	29	57.1 +0.4
PWL	Port Wells	70.45	329	P	P			11	29	57.1 +0.4
KBA	Koelnbreinsper	70.45	46	iP	P			11	29	57.9 +0.6
KNK	Knik Glacier	70.49	330	I	Amb	I	Amb	11	30	07.0
KNK	comp=Z,200nm,1.4s	70.49	330	P	P			11	29	57.6 +0.6
WAT1	Knik Glacier	70.49	330	P	P			11	29	57.6 +0.6
WAT1	comp=Z,36nm,1.0s,SNR=6.0	70.50	331	P	P			11	29	57.4 +0.3
KNK	Knik Glacier	70.50	331	P	P			11	29	57.4 +0.3
BRG	Berggiesshubel	70.51	42	eP	P			11	29	57.4 +0.1
BRG	comp=Z,27nm,1.0s,baz=271,slow=6.2	70.51	42	eP	P			11	29	57.6 +0.3
BRG	Berggiesshubel	70.51	42	eP	P			11	29	59.0
BRG	comp=Z,28nm,1.0s	70.51	42	eP	P			11	30	05.7 +8.4
BRG	Berggiesshubel	70.51	42	eP	P			11	30	06.4
BRG	comp=Z,15nm,0.9s	70.51	42	eP	P			11	39	10.0 -0.3
BRG	Berggiesshubel	70.51	42	eP	P			11	29	57.3 -0.2
GEC2	GERS Array B	70.53	44	eP	P			11	29	57.3 -0.2
GEC2	comp=Z,69nm,1.6s,baz=271,slow=6.2	70.53	44	eP	P			11	29	58.3 +0.8
GEC2	GERS Array B	70.53	44	eP	P			11	29	58.3 +0.8
GEC2	comp=Z,5.5nm,0.6s,baz=263,slow=7.8,SNR=20	70.53	44	eP	P			11	29	58.3 +0.8
C24K	Franklin Bluff	70.56	339	I	Amb	I	Amb	12	02	35.1
C24K	comp=Z,4um,20.0s	70.56	339	P	P			11	29	57.8 +0.5
C24K	Franklin Bluff	70.56	339	P	P			11	29	57.8 +0.5
C24K	comp=Z,91	70.56	339	P	P			11	29	58.2 +1.0
STEJ	Steigen	70.56	23	eP	P			11	29	58.2 +1.0
FAUS	Fauske	70.58	24	eP	P			11	29	59.2 +1.8
FAUS	comp=Z,26nm,1.1s	70.58	24	eP	P			11	30	00.5
FAUS	Fauske	70.58	24	eP	P			11	30	00.5
FAUS	Fauske	70.58	24	eP	P			11	54	45.8
BIOA	Bad Ischl, Aus	70.59	45	iP	P			11	29	57.8 -0.1
BIOA	comp=Z,22nm,1.3s,SNR=1.9	70.59	45	iP	P			11	29	57.8 -0.1
D24K	Happy Valley	70.59	338	I	Amb	I	Amb	12	03	46.6
D24K	comp=Z,3um,21.0s	70.59	338	P	P			11	29	57.5 0.0
D24K	Happy Valley	70.59	338	P	P			11	29	57.5 0.0
RND	Reindeer	70.63	332	I	Amb	I	Amb	12	01	52.8
RND	comp=Z,4um,20.0s	70.63	332	P	P			11	29	59.8
MCK	McKinley	70.66	332	I	Amb	I	Amb	11	29	59.8
MCK	comp=Z,112nm,1.0s	70.66	332	P	P			11	29	58.0 +0.1
MCK	McKinley	70.66	332	P	P			11	29	58.0 +0.1
MCK	comp=Z,89,SNR=44	70.66	332	P	P			11	29	58.0 +0.1
MYKA	Terra Mystica	70.70	46	iP	P			11	29	57.8 -0.8
MYKA	comp=Z,18nm,0.8s,SNR=7.7	70.70	46	iP	P			11	29	59.4
NEA2	Nenana	70.70	333	I	Amb	I	Amb	11	29	58.3 0.0
NEA2	comp=Z,133nm,1.0s	70.70	333	P	P			11	29	58.3 0.0
SABO	Mts Sabotino	70.73	47	I	Amb	I	Amb	11	30	08.4
SABO	comp=Z,11nm,1.4s	70.73	47	I	Amb	I	Amb	11	30	08.4
BSD	Bornholm Skovb	70.79	37	iP	P			11	29	58.6 -0.2
BSD	comp=Z,53nm,1.2s	70.79	37	iP	P			11	30	05.5
ZVC	Zvikov	70.79	43	eP	P			11	29	59.9 +0.8
ZVC	AMS	70.79	43	eP	P			11	57	50.0
CADS	Cadrg	70.80	46	iP	P			11	29	58.8 -0.5
CADS	comp=Z,2um,19.3s	70.80	46	iP	P			11	29	58.8 -0.5
PMR	Palmer	70.81	330	I	Amb	I	Amb	11	30	04.8
PMR	comp=Z,154nm,1.4s	70.81	330	P	P			11	29	59.2 +0.3
PMR	Palmer	70.81	330	P	P			11	29	59.2 +0.3
I23K	Minto Yukon-K	70.81	334	P	P			11	29	59.3 +0.4
I23K	baz=88,SNR=23	70.81	334	P	P			11	29	59.3 +0.4
TOLK	Toolik Lake Re	70.86	337	I	Amb	I	Amb	12	02	52.1
TOLK	comp=Z,3um,18.0s	70.86	337	P	P			11	29	59.3 +0.1
TOLK	Toolik Lake Re	70.86	337	P	P			11	29	59.3 +0.1
E23K	Chandler	70.88	337	I	Amb	I	Amb	11	30	05.5
E23K	comp=Z,125nm,1.4s	70.88	337	P	P			11	29	59.7 +0.3
E23K	Chandler	70.88	337	P	P			11	29	59.7 +0.3
PRA	Prague	70.89	42	AMS	AMS			12	01	30.0
CKRC	Cesky Krumlov	70.93	44	eP	P	MLR	MLR	11	30	00.2 +0.3
CKRC	comp=Z,2um,19.3s	70.93	44	eP	P	MLR	MLR	11	30	00.2 +0.3
CKRC	Cesky Krumlov	70.93	44	eP	P	MLR	MLR	11	30	00.2 +0.3
CKRC	Cesky Krumlov	70.93	44	eP	P	MLR	MLR	11	30	00.2 +0.3
CKRC	comp=Z,2um,19.3s	70.94	42	AMS	AMS			12	00	00.0
PVCC	Panska Ves	70.94	42	AMS	AMS			12	00	00.0
HSBP	Hornsund (broa)	70.95	14	eP	P			11	30	05.1 +5.6
PRU	Pruhonice	70.97	42	eP	P	MLR	MLR	11	30	01.5 +1.4
PRU	comp=Z,2um,18.1s	70.97	42	eP	P	MLR	MLR	11	30	01.5 +1.4
PRU	Pruhonice	70.97	42	eP	P	MLR	MLR	11	30	01.5 +1.4
PRU	Pruhonice	70.97	42	eP	P	MLR	MLR	11	30	01.5 +1.4
CAMP	Campotosto	70.99	50	I	Amb	I	Amb	11	30	18.9
CAMP	comp=Z,103nm,1.5s	70.99	50	I	Amb	I	Amb	11	30	18.9
MOA	Molin	71.00	45	iP	P			11	30	01.3 +0.9
AQU	L'Aquila	71.01	51	P	P			11	30	01.5 +0.9
AQU	comp=Z,32nm,0.9s	71.03	328	I	Amb	I	Amb	11	30	02.2
SEW	Seward	71.03	328	I	Amb	I	Amb	12	01	29.6
SEW	comp=Z,118nm,1.0s	71.03	328	I	Amb	I	Amb	12	01	29.6
SEW	Seward	71.03	328	P	P			11	30	00.6 +0.4
G23K	Bananza Creek	71.05	335	I	Amb	I	Amb	11	30	02.3
G23K	comp=Z,106nm,1.0s	71.05	335	I	Amb	I	Amb	11	30	02.3
G23K	Bananza Creek	71.05	335	P	P			12	01	09.3
G23K	comp=Z,3um,19.0s	71.05	335	P	P			11	30	01.2 +0.8
G23K	Bananza Creek	71.05	335	P	P			11	30	02.6
COLD	Coldfoot	71.11	336	I	Amb	I	Amb	11	30	02.6
COLD	comp=Z,89nm,1.0s	71.11	336	P	P			11	30	01.6 +0.9
COLD	Coldfoot	71.11	336	P	P			11	30	01.6 +0.9
RC01	Rabbit Creek A	71.12	329	I	Amb	I	Amb	11	30	03.1
RC01	comp=Z,78nm,1.1s	71.12	329	I	Amb	I	Amb	11	30	03.1
RC01	Rabbit Creek A	71.12	329	P	P			11	30	01.3 +0.5

O22K	Cooper Landing	71.15	329	I	Amb	I	Amb	11	30	14.3
O22K	comp=Z,128nm,1.1s	71.15	329	P	P			11	30	01.5 +0.5
O22K	Cooper Landing	71.15	329	P	P			11	30	01.6 +0.5
SPAO	Spitsbergen Ar	71.20	12	eP	P			11	58	57.1
SPAO	comp=Z,2um,18.3s	71.20	12	eP	P			11	58	57.1
SPAO	Spitsbergen Ar	71.20	12	eP	P			11	30	01.6 +0.5
SPAO	comp=Z,97nm,0.8s,baz=152,slow=7.2,SNR=11	71.20	12	eP	P	LR	LR	12	01	01.9
SPITS	Spitsbergen Ar	71.20	12	P	P			11	30	01.1 0.0
SPITS	comp=Z,2um,19.6s,baz=274,slow=36	71.20	12	P	P			11	30	01.1 0.0
SPITS	Spitsbergen Ar	71.20	12	P	P			11	30	01.1 0.0
SPITS	comp=Z,37nm,0.8s	71.20	12	P	P			11	30	01.1 0.0
SPITS	Spitsbergen Ar	71.20	12	P	P			11	30	01.4 +0.4
SPB2	Spitsbergen Ar	71.20	12	P	P			11	30	11.9
SPB2	comp=Z,198nm,1.7s	71.20	12	P	P			11	30	01.9 +0.7
C23K	Ilkik River	71.23	339	P	P			11	30	10.0
C23K	baz=89	71.23	339	P	P			11	30	10.0
D23K	Nanushuk River	71.26	338	I						

7d 11h

2020 JAN

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like N18K Kilae Creek, MORH Mrgy, Hungary, ARAO ARCESS Array S, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like H16K Elim, BZS Buzlas, O15K Ungalithiuk R, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like DOPR Dopca, HUMR Humele, KMPD K-Podo/skiy, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like ANN, VRH, KIRV, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like YAK, LBTB, PETK, BORK, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like HNS, HNSH, JHNS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Iph, RPSI, KKM, FAKI, etc.

IDC 07 11:28:19.7±1.3, 18°37'N-66°72'W, h0km, mb3.6/6, mbmp3.6/6, Error ellipse: s-maj=54.4km s-min=7.8km az=30.0

NEIC 07 11:28:20.1±1.4, 18°00'N-07°66'75W, h14km, mb4.5/3, ML4.3/26, Error ellipse: s-maj=11.9km s-min=3.1km az=20.0

PTWC 07 11:28:20, 18°03'N-66°80'W, M14.3/11 RSPR 07 11:28:20.5, 18°03'N-66°79'W, h14km, MD2.0/6

OSPL 07 11:28:20.0±0.4, 17°88'N-66°77'W, h10km, 2km, ML4.1, Presumed earthquake

ISC 07 11:28:20.0±0.4, 17°73'N-06°66'81W, h0.02, h2km, 9km, n80, c±04/95, mb3.7/8, 4C-3D, Puerto Rico region

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLPR, OBIP, CRPR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TX31, TXAR, TXAR, etc.

RSPR 07 11:30:26.4, 18°02'N-66°76'W, h15km±1km, 5C-2D, Puerto Rico region

IDC 07 11:31:07.4±2.4, 17°70'N-66°63'W, h0km, mb3.6/5, mbmp3.6/5, Error ellipse: s-maj=56.1km s-min=10.1km az=151.0

NEIC 07 11:31:09.5±1.2, 17°99'N-07°66'72W, h10km, 2km, mb4.3/2, ML4.1/26, Error ellipse: s-maj=9.3km s-min=2.9km az=358.0

RSPR 07 11:31:09.3, 18°01'N-66°73'W, h16km±1km, MD2.5/4

ISC 07 11:31:10.0±0.9, 18°00'N-06°65'73W, h0.02, h12km±5km, n36, c±14/41, mb3.7/7, 6C-2D, Puerto Rico region

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBIP, CRPR, GPCR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBIP, MLPR, CRPR, etc.

NEIC 07 11:33:09.6±0.5, 17°87'N-07°66'76W, h0.01, h10km, 2km, ML4.0/22, Error ellipse: s-maj=7.3km s-min=3.0km az=194.0

RSPR 07 11:33:11.8, 18°02'N-66°77'W, h14km, MD2.6/6

ISC 07 11:33:10.8±1.2, 17°99'N-06°66'76W, h0.03, h23km±7km, n22, c±03/28, 3C-3D, Puerto Rico region

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBIP, CRPR, GPCR, etc.

7d 12h

Table with columns: AOPR, ARcibO Observ, 0.44 16f eP, Pg, 12 08 18.3 +0.0, CRPR, Cabo Rojo, PR, 0.33 270 i P, Sb, 12 10 56.9 +0.3, etc.

IDC 07 12:10:43.8:1.7, 18.30N:66.73W, h0km, mb3.6/7, mbmp3.6/7, Error ellipse: s-maj=68.5km s-min=8.0km az=24.0

PTWC 07 12:10:43, 17:90N:66:70W, MI4.3/11, PUERTO RICO REGION

NEIC 07 12:10:44.7:1.6, 18.04N:0.04:66.72W:0.02, h10km:1km, mb4.3/7, ML4.1/22, Error ellipse: s-maj=7.0km s-min=3.0km az=16.0

OSPL 07 12:10:45.6:1.4, 18.05N:66:73W, h0km:16km, ML3.9, Presumed earthquake

ISC 07 12:10:44.2:0.8, 18.01N:0.04:66.76W:0.02, h18km:2km, n57, r=140/66, mb3.9/11, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, OBIP, Obispedo Ponce, 0.15 76 Op, ISC, h m s, ISC, 12 10 48.7 +0.2, etc.

2020 JAN

Table with columns: CRPR, Cabo Rojo, PR, 0.33 270 i P, Sb, 12 10 56.9 +0.3, AOPR, ARcibO Observ, 0.44 16f eP, Pg, 12 08 18.3 +0.0, etc.

ISC 07 12:11:10.1:10.1, 18.01N:66.74W, h21km:2km, MD2.4/4, 3C-1D, Puerto Rico region

ISC 07 12:11:00.1:10.1, 18.01N:66.74W, h21km:2km, MD2.4/4, 3C-1D, Puerto Rico region

ISC 07 12:11:00.1:10.1, 18.01N:66.74W, h21km:2km, MD2.4/4, 3C-1D, Puerto Rico region

ISC 07 12:11:00.1:10.1, 18.01N:66.74W, h21km:2km, MD2.4/4, 3C-1D, Puerto Rico region

ISC 07 12:11:00.1:10.1, 18.01N:66.74W, h21km:2km, MD2.4/4, 3C-1D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, OBIP, Obispedo Ponce, 0.17 49 Op, ISC, h m s, ISC, 12 18 34.7 +0.3, etc.

450

Table with columns: CRPR, Cabo Rojo, PR, 0.36 282 Pg, Pg, 12 18 37.5 +0.2, CRPR, Cabo Rojo, PR, 0.36 282 Pg, Pg, 12 18 37.5 +0.2, etc.

ISC 07 12:26:07.0:2.4, 44.80N:146.50E, h125km:1km, mb4.3/3, msha4.6/3

JMA 07 12:26:08.6:0.5, 45.5N:146.7E, h146km, MV2.6/16, NEAR ETOFOFU ISLAND

ISC 07 12:26:08.2:2.5, 44.5N:146.7E:0.1, h131km:19km, n14, c06/62, Kuril Islands

ISC 07 12:26:08.2:2.5, 44.5N:146.7E:0.1, h131km:19km, n14, c06/62, Kuril Islands

ISC 07 12:26:08.2:2.5, 44.5N:146.7E:0.1, h131km:19km, n14, c06/62, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, OBIP, Obispedo Ponce, 0.17 49 Op, ISC, h m s, ISC, 12 18 34.7 +0.3, etc.

7d 12h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cabo Rojo, Las Mesas, Puerto Rico Se, Experimental S, Esperanza - Ma, San Juan, Aguaadilla, PR, Guaynabo City, Isla Desecheo.

IDC 07 12:44:20.8±1.9, 8.62S; 108.82W, h0km, mb3.5/6, mbmp3.5/6, MS3.6/2, Error ellipse: s-maj=66.0km s-min=33.6km az=48.0

ISC 07 12:44:21.9±2.1, 8.75S±0.4; 108.9W±0.4, h10km, n18, r05877, mb3.5/6, Central East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Rapa Nui, Juan Fernandez, Obispo Ponce, Cerrillos, UPR, Sadowa, Lac du Bonnet, Yellowknife Ar, Eielson Array, WAKE ISLAND, Chiang Mai Arr.

RSRP 07 12:45:60.0, 17.95N-66.80W, h13km±1km, 6D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Obispo Ponce, Magueyes Islan, Cabo Rojo, Las Mesas, Arcείο Observ, Puerto Rico Se, Esperanza - Ma, Guaynabo City, Isla Desecheo.

NEIC 07 12:46:58.1±0.9, 17.92N±0.03; 66.93W±0.005, h10km±1km, ML3.5/22, Error ellipse: s-maj=4.7km s-min=2.7km az=6.0

RSRP 07 12:46:58.4, 17.93N-66.69W, h7km, 1C-2D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Obispo Ponce, Magueyes Islan, Cabo Rojo, Las Mesas, Arcείο Observ, Puerto Rico Se, Esperanza - Ma, Guaynabo City, Isla Desecheo, UPR, Sadowa, Lac du Bonnet, Yellowknife Ar, Eielson Array, WAKE ISLAND, Chiang Mai Arr.

2020 JAN

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Guaynabo City, Col San Antoni, Isla Desecheo, Loma Pena Alta.

RSRP 07 12:51:45.5, 18.01N-66.84W, h9km±1km, MD2.1/5, 6C-3D, Puerto Rico region

NEIC 07 12:52:35.0±0.7, 17.95N±0.03; 66.72W±0.01, h10km±1km, ML3.8/22, Error ellipse: s-maj=4.5km s-min=2.8km az=19.0

RSRP 07 12:52:35.6, 17.97N-66.73W, h14km, 8C-1D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Magueyes Islan, Obispo Ponce, Cabo Rojo, Arcείο Observ, Las Mesas, Puerto Rico Se, Esperanza - Ma, Isla Desecheo, Loma Pena Alta.

IDC 07 12:54:40.9±1.1, 17.89N±0.06; 92W, h0km, mb3.6/6, mbmp3.7/7, ML2.8/1, Error ellipse: s-maj=25.1km s-min=9.9km az=170.0

PTWC 07 12:54:42.5, 17.90N-66.90W, ML4.2/3, PUERTO RICO REGION

RSRP 07 12:54:42.5, 17.93N-66.93W, h8km±1km, NEIC 07 12:54:42.4±0.9, 17.94N±0.03; 66.913W±0.007, h10km±1km, mb4.0/3, ML4.0/24, ML4.7(RSPR), Error ellipse: s-maj=5.3km s-min=2.8km az=352.0

OSPL 07 12:54:42.3±0.3, 17.85N±0.06; 92W, h1km±4km, ML4.0, Presumed earthquake

ISC 07 12:54:42.0±0.9, 17.92N±0.04; 66.89W±0.02, h10km±5km, n5, r058469, mb3.8/3, 3C-5D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Magueyes Islan, Obispo Ponce, Cabo Rojo, Las Mesas, Arcείο Observ, Puerto Rico Se, Esperanza - Ma, Isla Desecheo, UPR, Sadowa, Lac du Bonnet, Yellowknife Ar, Eielson Array, WAKE ISLAND, Chiang Mai Arr.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cabo Rojo, Las Mesas, Puerto Rico Se, Experimental S, Esperanza - Ma, San Juan, Aguaadilla, PR, Guaynabo City, Isla Desecheo.

RSRP 07 12:55:28.2, 17.95N-66.76W, h14km, 1C-4D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Obispo Ponce, Magueyes Islan, Cabo Rojo, Las Mesas, Arcείο Observ, Puerto Rico Se, Esperanza - Ma, Guaynabo City, Isla Desecheo.

NEIC 07 12:57:17.9±0.7, 17.90N±0.03; 66.79W±0.02, h10km±1km, mb4.2/3, ML3.8/23, Error ellipse: s-maj=5.5km s-min=2.9km az=6.0

RSRP 07 12:57:17.9, 17.90N-66.80W, h6km, MD2.5/6, IDC 07 12:57:17.5±2.3, 17.96N±0.06; 83W, h0km, mb3.5/7, mbmp3.5/7, Error ellipse: s-maj=65.3km s-min=9.0km az=177.0

PTWC 07 12:57:18, 18.00N-66.80W, ML4.0/10, ISC 07 12:57:18.3±1.0, 17.92N±0.05; 66.78W±0.02, h11km±6km, n5, r059558, mb3.6/9, 1C-5D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Obispo Ponce, Magueyes Islan, Cabo Rojo, Las Mesas, Arcείο Observ, Puerto Rico Se, Esperanza - Ma, Guaynabo City, Isla Desecheo.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AGPR, SJG, GPCR, etc.

ISC 07 13:00:19.6:0.6, 17.88N:66.75W, h0km, mb4.0/16, mbmpj4.0/17, ML3.0/1, MS3.6/13, ER ellipse: s-min=14.4km s-min=7.7km az=167.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBIP, CELP, MLPR, etc.

Main table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AOPR, LSP, PRSN, etc.

Main table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TRN, SDV, ROSC, etc.

Table with 5 columns: ID, Station Name, Az, Op, Phase ID, Time Res. Includes stations like Paso Flores, Dimbokro, Peel River, etc.

Table with 5 columns: ID, Station Name, Az, Op, Phase ID, Time Res. Includes stations like Nioudou, Shoufeng, Neicheng, etc.

Table with 5 columns: ID, Station Name, Az, Op, Phase ID, Time Res. Includes stations like WSL, CHN8, IRIF, etc.

IDD 07 13:03:13.3z:1.6, 2.15N-96.27E, h0km, mb4.0/0, mbtmp4.0, ML3.7/2, MS3.8/2, Error ellipse: s-maj=48.8km s-min=18.8km az=53.0

IDD 07 13:02:06.2-1.6, 11.04S:166.25E, h0km, mb3.8/4, mbtmp3.8/5, ML3.3/1, Error ellipse: s-maj=52.8km

NEIC 07 13:02:16.9-0.0, 6.146S:0.09E:166.6E:0.2, h93km, 10km, mb4.4/15, Error ellipse: s-maj=22.7km s-min=13.4km az=80.0

ISC 07 13:02:16.9-0.0, 9.115S:0.09E:166.5E:0.2, h100km, n25, r=138/26, mb4.3/12, Santa Cruz Islands

Table with 5 columns: Code, Station Name, Az, Op, Phase ID, Time Res. Includes stations like SARANU, DZM, DZM, etc.

Table with 5 columns: ID, Station Name, Az, Op, Phase ID, Time Res. Includes stations like WHP, KSHI, TATO, etc.

Table with 5 columns: Code, Station Name, Az, Op, Phase ID, Time Res. Includes stations like SNSI, GSI, KCSI, etc.

Table with 5 columns: Code, Station Name, Az, Op, Phase ID, Time Res. Includes stations like PSI, PBI, LHM, etc.

Table with 5 columns: Code, Station Name, Az, Op, Phase ID, Time Res. Includes stations like SHL, H08S2, H08S3, etc.

Table with 5 columns: Code, Station Name, Az, Op, Phase ID, Time Res. Includes stations like WRAB, ASAR, MKAR, etc.

Table with 5 columns: Code, Station Name, Az, Op, Phase ID, Time Res. Includes stations like MKAR, MKAR, MKAR, etc.

Table with 5 columns: Code, Station Name, Az, Op, Phase ID, Time Res. Includes stations like KURK, ZAAO, ZALV, etc.

Table with 5 columns: Code, Station Name, Az, Op, Phase ID, Time Res. Includes stations like ZALV, ZALV, ZALV, etc.

JMA 07 13:03:16.7-0.1, 24.2N:0.3-121.8E:0.4, h27km, MV2.6/14, TAIWAN REGION

TAP 07 13:03:16.8, 24.24N, 121.80E, h24km, ML3.5, B, ESAO

ISC 07 13:03:16.9-0.0, 9.2423N:0.02E:121.82E:0.02, h23km, 4km, n142, -0.081/223, IC-16D, Taiwan

Table with 5 columns: Code, Station Name, Az, Op, Phase ID, Time Res. Includes stations like EHP, EHP, EHP, etc.

Table with 5 columns: ID, Station Name, Az, Op, Phase ID, Time Res. Includes stations like WCHH, WCHH, WCHH, etc.

RSRP 07 13:07:20.9, 17.99N-66.76W, h14km, 1km, 3C-2D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cabo Rojo, PR and Las Mesas.

PTWC 07 13:08:16.2, 18.00N:66.70W, M14.0/8
RSRP 07 13:08:16.2, 18.01N:66.75W, h10km, 1km, MD2.6/8
NEIC 07 13:08:16.2, 18.02N:0.03:66.75W:0.009

ISC 07 13:08:15.1, 17.97N:0.05:66.75W:0.02, h17km, 7km, n33, c0574/49, 1C-3D, Puerto Rico region

Main table for Puerto Rico region stations including OBIP, OBISP, CELP, and others. Columns include Code, Station Name, Az, Phase ID, Time, Res.

RSRP 07 13:10:04.3, 18.05N:66.77W, h12km, 1km, MD2.2/6, 3C-5D, Puerto Rico region

Table for Puerto Rico region stations, including OBIP, OBISP, CELP, and others. Columns include Code, Station Name, Az, Phase ID, Time, Res.

RSRP 07 13:11:00.5, 17.92N:66.77W, h8km, 1km, MD2.3/7
NEIC 07 13:10:59.8, 17.91N:0.04:66.76W:0.01, h10km, 2km, ML3.1/22, 6C-3D, Error ellipse: s-maj=7.4km

Table for Puerto Rico region stations including EMRP, EMSP, SJG, and others. Columns include Code, Station Name, Az, Phase ID, Time, Res.

RSRP 07 13:16:54.9, 17.91N:66.84W, h8km, 22km, 2C-1D, Puerto Rico region

Table for Puerto Rico region stations including MLPR, CRPR, LSP, and others. Columns include Code, Station Name, Az, Phase ID, Time, Res.

RSRP 07 13:17:42.7, 17.96N:66.91W, h10km, 3km, 2C-3D, Puerto Rico region

Table for Puerto Rico region stations including MLPR, CRPR, LSP, and others. Columns include Code, Station Name, Az, Phase ID, Time, Res.

NEIC 07 13:17:46.2, 17.83N:0.05:66.91W:0.03, h10km, 1km, ML3.5/22, Error ellipse: s-maj=8.8km s-min=3.3km

RSRP 07 13:17:48.4, 17.95N:66.89W, h6km, MD2.8/8
ISC 07 13:17:46.6, 17.85N:0.08:66.89W:0.03, h11km, 10km, n23, c118/32, 2C-5D, Puerto Rico region

Main table for Puerto Rico region stations including MLPR, CRPR, LSP, and others. Columns include Code, Station Name, Az, Phase ID, Time, Res.

NEIC 07 13:21:59.3, 17.99N:0.02:66.74W:0.01, h10km, 1km, ML3.7/22, Error ellipse: s-maj=3.1km s-min=2.7km

RSRP 07 13:21:59.2, 17.96N:66.73W, h16km, 1km, MD2.3/7
ISC 07 13:22:00.5, 18.02N:0.04:66.75W:0.02, h7km, 11km, n24, c098/28, 3C-3D, Puerto Rico region

Main table for Puerto Rico region stations including OBIP, OBISP, CELP, and others. Columns include Code, Station Name, Az, Phase ID, Time, Res.

RSRP 07 13:22:22.0, 17.91N:66.84W, h8km, 22km, 2C-1D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HUMP, Col San Antoni, TBG, and others.

IDC 07 13:22:05.0, 17.1, 17.89N:66.81W, h0km, mb3.4/3, mbtmp3.5/4, ML2.1/1, MS3.6/1, Error ellipse: s-maj=43.0km

PTWC 07 13:22:06.7, 18.00N:66.70W, M14.2/10
OSPL 07 13:22:07.5, 17.89N:66.71W, h8km, 3km, ML3.8, Presumed earthquake

RSRP 07 13:22:07.7, 18.00N:66.73W, h13km, 1km
NEIC 07 13:22:07.4, 17.99N:0.02:66.70W:0.01, h10km, 1km, ML4.2/28, ML3.5(RSPR), Error ellipse: s-maj=4.5km

ISC 07 13:22:07.0, 17.98N:0.04:66.72W:0.02, h15km, 6km, n55, c092/65, mb3.5/3, 4C-2D, Puerto Rico region

Main table for Puerto Rico region stations including OBIP, OBISP, CELP, and others. Columns include Code, Station Name, Az, Phase ID, Time, Res.

NEIC 07 13:22:22.0, 17.91N:66.84W, h8km, 22km, 2C-1D, Puerto Rico region
IDC 07 13:22:24.4, 17.91N:66.84W, h8km, 22km, 2C-1D, Puerto Rico region

Coast of N. Island, N.Z.
WEL 07 13:22:26.6, 0.5, 41.1, S33.17, 6E1, h24km, 3km, M3, 8/84,
ML3.9/17, MLV3.8/84, Error ellipse: s-maj=5.4km
s-min=3.0km az=136.0, confirmed

ISC 07 13:22:21.9, 1.5, 41.1, 19S, 0.04, 176.36E, 0.04, 111km, gkm,
n192, 0.09/206, mb3.9/S, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like CPWZ, TMWZ, BFZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like TWGZ, OPRZ, RUPZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like ASAR, WRAB, WRA, etc.

RSPR 07 13:26:03.0, 18.02N-66.79W, h10km, 1km, MD2.9/6
NEIC 07 13:26:02.1, 1.3, 18.06N, 0.02, 66.782W, 0.009,
h10km, 1km, ML3.7/22, MD2.9/6 (RSPR), Error ellipse:
s-maj=3.4km s-min=2.0km az=166.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like WRA, WRR, WBO, etc.

KRSC 07 13:26:52.5, 1.2, 58.97N-158.49E, h21km, 9km, M13.8
NERS 07 13:26:59.3, 58.84N-158.36E, h19km
ISC 07 13:26:53.8, 0.9, 58.76N, 0.04, 158.72E, 0.03, h10km, n12,

0192/22, Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PALN, TIGL, OSSR, etc.

RSPR 07 13:27:30.5, 18.01N-66.78W, h11km, 1km, 4C-3D, Puerto Rico region

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

NEIC 07 13:27:50.6, 0.7, 18.01N, 0.02, 66.778W, 0.009,
h10km, 1km, ML3.5/22, Error ellipse: s-maj=4.2km
s-min=2.8km az=348.0

RSPR 07 13:27:50.9, 18.05N-66.80W, h4km, MD2.8/8, 1C-6D, Puerto Rico region

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

RSPR 07 13:31:41.0, 17.91N-66.88W, h21km, 4km, 3C, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MLPR, CRPR, LSP, etc.

RSPR 07 13:32:00.1, 17.98N-66.83W, h4km, 2km, 4C, Puerto Rico region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like MLPR Magueyes Islan, CRPR Cabo Rojo, PR, LSP Las Mesas, AOPR Arecibo Observ.

RSPR 07 13:32:37.7, 17.96N-66.82W, h8km, 2km

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, UUPR Utuado, UPR, P, LSP Las Mesas, AOPR Arecibo Observ, PRSN Puerto Rico Se, EMPR Esperanza - Ma, AGPR Aguadilla, PR, SJG San Juan, GPCR Cabo Rojo, PR, IDE Isla Desecho, HUMP Col San Antoni.

RSPR 07 13:33:18.9, 18.03N-66.77W, h8km, 3km, MD2.8/4

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, UUPR Utuado, UPR, P, LSP Las Mesas, AOPR Arecibo Observ, PRSN Puerto Rico Se, EMPR Esperanza - Ma, AGPR Aguadilla, PR, SJG San Juan, GPCR Cabo Rojo, PR, IDE Isla Desecho, HUMP Col San Antoni.

RSPR 07 13:48:34.7, 18.01N-66.74W, h15km, 18km, 1C-2D, Puerto Rico region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like MLPR Magueyes Islan, AOPR Arecibo Observ, CRPR Cabo Rojo, PR.

RSPR 07 13:49:31.2, 18.02N-66.78W, h9km, 1km

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like OBIP Obispado Ponce, MLPR Magueyes Islan, CRPR Cabo Rojo, PR, LSP Las Mesas.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like OBIP Cerrillos, CELP, CRPR Cabo Rojo, PR, LSP Las Mesas, AOPR Arecibo Observ, PRSN Puerto Rico Se, EMPR Esperanza - Ma, AGPR Aguadilla, PR, SJG San Juan, GPCR Cabo Rojo, PR, IDE Isla Desecho, HUMP Col San Antoni, DR12 Loma Pena Alta.

RSPR 07 13:52:39.4, 18.04N-66.86W, h9km, 24km, 2C-1D, Puerto Rico region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like MLPR Magueyes Islan, OBIP Obispado Ponce, CRPR Cabo Rojo, PR.

RSPR 07 13:53:01.6, 17.97N-66.74W, h10km, 1km

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like OBIP Obispado Ponce, CELP Cerrillos, CRPR Cabo Rojo, PR, UUPR Utuado, UPR, P, MLPR Magueyes Islan, CRPR Cabo Rojo, PR, AOPR Arecibo Observ, PRSN Puerto Rico Se, EMPR Esperanza - Ma, AGPR Aguadilla, PR, SJG San Juan, GPCR Cabo Rojo, PR, IDE Isla Desecho, HUMP Col San Antoni.

RSPR 07 13:55:30.4, 17.78N-67.05W, h16km, 2km, 6C-1D, Mona Passage

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like MLPR Magueyes Islan, CRPR Cabo Rojo, PR, LSP Las Mesas, AOPR Arecibo Observ, EMPR Esperanza - Ma, GPCR Guaynabo City.

RSPR 07 13:55:35.8, 17.92N-66.79W, h8km, 2km, 6C-3D, Puerto Rico region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like OBIP Obispado Ponce, MLPR Magueyes Islan, CRPR Cabo Rojo, PR, LSP Las Mesas.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like LSP Arecibo Observ, AOPR Puerto Rico Se, EMPR Esperanza - Ma, GPCR Guaynabo City, IDE Isla Desecho.

RSPR 07 13:56:32.2, 18.02N-66.79W, h9km, 1km

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, LSP Las Mesas, AOPR Arecibo Observ, PRSN Puerto Rico Se, EMPR Esperanza - Ma, AGPR Aguadilla, PR, SJG San Juan, GPCR Guaynabo City, IDE Isla Desecho, HUMP Col San Antoni, DR12 Loma Pena Alta.

IDC 07 14:04:46.3, 2.0, 17.94N-66.74W, h9km, 12km, mb4.1/18, mbmp4.2/21, ML3.3/3, MS3.5/4, Error ellipse:

s-maj=13.4km s-min=12.0km az=160.0
NEIC 07 14:04:46.2, 0.9, 17.96N-0.05-66.78W, h10km, 4km, mb4.6/66, ML4.6/34, Mw4.2/10(SLM), Error ellipse:
s-maj=12.0km s-min=6.9km az=99.0
NEIC 07 14:04:46.1, 7.96N-66.74W, h14km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; M11:1.78; M22:1.44; M33:0.34; M12:1.09; M13:1.08; M14:0.29; Fault plane solution: M2.26000x10^15 NP1:80.00000; delta:0.00000; lambda:65.00000; NP2:217.00000; delta:38.00000; lambda:-126.00000; Principal axes: T:2.2617, P:12.0000, Azm:152.0000; N:0.0013, P:21.0000; Azm:247.0000; P:2.2630, P:165.0000; Azm:36.0000;
PTWC 07 14:04:46.18, 00N-66.70W, M1.8/14
SDD 07 14:04:46.8, 1.6, 17.99N-66.74W, h20km, 11km, MD3.9, ML3.9, MW4.5, Presumed earthquake
RSPR 07 14:04:47.4, 18.00N-66.77W, h10km, 1km
OSPL 07 14:04:47.4, 0.3, 17.92N-66.74W, h7km, 3km, ML4.2, Presumed earthquake
ISC 07 14:04:45.7, 0.9, 17.94N-0.03-66.76W, h13km, 5km, n201, s171/229, mb4.5/46, MS3.4/4, 7C-4D, Puerto Rico region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, UUPR Utuado, UPR, P, MLPR Magueyes Islan, CRPR Cabo Rojo, PR, AOPR Arecibo Observ, PRSN Puerto Rico Se, EMPR Esperanza - Ma, AGPR Aguadilla, PR, SJG San Juan, GPCR Cabo Rojo, PR, IDE Isla Desecho, HUMP Col San Antoni.

7d 14h

PRSN	comp=E, 49µm, 0.3s	IAML		14 05 04.4
PRSN	comp=N, 57µm, 0.3s			
PRSN	Puerto Rico Se	0.46 307 ↑P	Pg	14 04 55.3 +0.5
ECPR	Experimental S	0.53 45	Sg	14 05 01.5 +0.7
ECPR			Sg	14 04 56.5 +0.3
ECPR			Sg	14 05 03.0 -0.2
ECPR			IAML	14 05 04.3
EMPR	comp=N, 87µm, 0.2s			
EMPR	Esperanza - Ma	0.57 22	P	14 04 57.5 -0.1
EMPR	Esperanza - Ma	0.57 22	S	14 04 57.6 -0.1
EMPR	Esperanza - Ma	0.57 22	S	14 05 04.6 0.0
EMPR	Esperanza - Ma	0.57 22	↑P	14 04 57.6 -0.1
EMPR			eS	14 05 04.2 -0.4
EMPR			eS	14 04 58.1 -0.1
SJG	San Juan	0.60 74	Pb	14 05 04.8 -0.1
SJG	comp=N, 734nm, 0.3s, baz=296, slow=14, SNR=201		Lg	14 05 05.5
SJG	comp=N, 3µm, 0.3s, baz=79, slow=17, SNR=73		Lg	14 05 08.2
SJG	San Juan	0.60 74	IAML	14 05 08.2
SJG	comp=N, 26µm, 0.4s			
SJG	San Juan	0.60 74	Pb	14 04 57.9 -0.3
SJG	San Juan	0.60 74	eS	14 04 58.1 -0.1
SJG	San Juan	0.60 74	Pb	14 05 05.9 +0.4
SJG			IAML	14 05 06.2
AGPR	comp=Z, 14µm, 0.8s			
AGPR	Aguadilla, PR	0.62 327	Pg	14 04 57.9 0.0
AGPR			Sg	14 05 05.8 -0.3
AGPR			IAML	14 05 06.4
AGPR	comp=Z, 38µm, 0.9s			
AGPR	Guaynabo City	0.74 60	Pg	14 05 16.2
GCPGR	comp=Z, 30µm, 0.9s			
GCPGR	Guaynabo City	0.74 60	Pg	14 05 00.1 0.0
GCPGR			Sg	14 05 08.9 -0.9
GCPGR			IAML	14 05 09.8
GCPGR	comp=N, 13µm, 0.6s			
GCPGR	Guaynabo City	0.74 60	Pg	14 04 59.8 -0.3
GCPGR			S	14 05 09.0 -0.8
GCPGR	Guaynabo City	0.74 60	↑P	14 05 00.1 0.0
GCPGR			eS	14 05 09.3 +0.5
GCPGR			eS	14 05 09.0 -0.2
HDR	Isla Desecho	0.81 303	↑P	14 05 03.0 -0.1
HDR	Col San Antoni	0.89 77	Pg	14 05 03.0 -0.1
HUMP			Sg	14 05 13.0 -1.5
HUMP			IAML	14 05 16.4
PCDR	comp=N, 10µm, 0.4s			
PCDR	Punta Cana, DR	1.64 290	ePg	14 05 14.7 +0.3
PCDR			IAML	14 05 52.0
HIDR	comp=N, 5µm, 1.0s			
HIDR	Higüey Centro	1.97 289	ePg	14 05 19.8 +0.9
HIDR			IAML	14 05 53.8
HIDR	comp=N, 3µm, 0.3s			
HIDR			IAML	14 05 54.5
MIDR	comp=E, 2µm, 0.3s			
MIDR	Miches	2.41 296	ePg	14 05 29.4 +0.4
MIDR			IAML	14 06 04.7
MIDR	comp=E, 2µm, 0.7s			
MIDR			IAML	14 06 12.7
MIDR	comp=N, 1µm, 1.1s			
MIDR			IAML	14 06 12.8
DR12	comp=N, 1µm, 1.1s			
HATOM	Loma Pena Alta	2.63 289	Sn	14 06 02.9 -2.2
HATOM	Hato Mayor del Rey	2.63 289	ePg	14 05 31.1 -1.7
HATOM			IAML	14 06 11.4
HATOM	comp=E, 2µm, 0.3s			
HATOM			IAML	14 06 14.1
SMDR	comp=N, 2µm, 0.6s			
SMDR	Samana, DR	2.67 301	ePg	14 05 32.3 -1.1
SMDR			IAML	14 06 14.9
SDD	comp=N, 3µm, 0.5s			
SABA	Santo Domingo	3.04 280	Pn	14 05 34.3 +0.6
SABA	Saba	3.36 95	Pn	14 05 38.2 +0.1
SABA			IAML	14 06 39.6
SABA	comp=N, 1µm, 0.8s			
SABA			IAML	14 06 41.4
SEUS	comp=N, 845nm, 0.6s			
SBLM	St. Eustatius	3.63 97	Pn	14 05 41.0 -0.7
SKI	St Barthilm	3.72 90	Pn	14 05 43.6 +0.6
SK1	Saint Kitts	3.88 98	eP	14 05 45.0 -0.2
SC01	Santiago de lo	4.04 292	Pn	14 05 49.1 +1.7
SDDR	Presda de Saban	4.42 284	Pn	14 05 53.0 +0.3
SDDR	Presda de Saban	4.42 284	Pn	14 05 57.0 +5.2
SDDR	Presda de Saban	4.42 284	iP	14 05 58.6 -4.8
SDDR			iS	14 06 53.4 -3.3
MBWH	Windy Hill	4.52 105	eP	14 05 54.7 +0.6
MLTY	Lee's Yard	4.53 105	Pn	14 05 49.4 -4.7
ANWB	Willy Bob	4.75 93	eP	14 05 57.7 0.0
ANWB	Willy Bob	4.75 93	eP	14 05 58.8 +1.8
GDHS	Broadband at M	5.05 108	eP	14 06 01.7 +0.3
GDHS	Morne Zeazeau,	5.05 108	Pn	14 05 59.9 -1.5
GDHS			IAML	14 07 14.5
GDHS	comp=N, 845nm, 0.6s			
GDHS	Morne Zeazeau,	5.05 108	Pn	14 06 02.9 +1.5
ATGZ	Broadband at L	5.15 110	eP	14 06 01.9 -0.8
MM LZ	Guadeloupe Bro	5.22 110	eP	14 06 02.1 -1.5
ABD	La Joyeuse, An	5.24 105	Pn	14 06 03.2 -0.7
ABD			IAML	14 07 42.2
ABD	comp=N, 204nm, 0.6s			
ABD			IAML	14 07 51.5
ABE	comp=E, 274nm, 1.6s			
ABE	La Joyeuse, An	5.24 105	P	14 06 04.4 +0.5
CBE	Ff, Capester	5.27 110	IAML	14 07 29.8
CBE	comp=N, 735nm, 0.5s			
CBE			IAML	14 07 41.0
PAPH	comp=E, 674nm, 0.5s			
PAPH	Port-au-Prince	5.30 277	iP	14 06 08.6 +3.9
TBG	Guadaloupe-3	5.32 112	eP	14 06 05.2 +0.2
GRTK	Grand Turk	5.44 311	eP	14 06 07.1 +0.5
GRTK			IAML	14 07 12.8
MAGL	comp=Z, 196nm, 0.7s			
DSZD	Barre de l'île	5.60 110	Pn	14 06 09.3 +0.5
GDSD	La Diserade, G	5.68 106	eP	14 06 07.8 -1.2
H0SN1	La Diseride Is	5.68 106	Pn	14 06 08.9 -1.0
DSLB	Guadeloupe/Mar	5.69 106	Pn	14 06 10.9 +0.9
SVN	Salisbury	5.69 115	eP	14 06 09.1 -1.0
BXM	Savane Anatole	6.19 119	Pn	14 06 15.9 -1.1
BXM	Morne La Croix	6.20 119	Pn	14 06 16.2 -1.1
BIM	Bigot	6.44 121	Pn	14 06 16.6 -1.8
BIM	Bigot	6.44 121	Pn	14 06 19.6 -0.7
ILAM	Ilet Lapin Mar	6.47 118	eP	14 06 20.4 -0.4
MPOM	Morne Pois Mar	6.65 121	Pn	14 06 22.7 -0.5
H0S1	Guadeloupe/Mar	6.88 121	Pn	14 06 24.4 +0.8
SLAC	Saint Lucia, A	6.93 124	eP	14 06 24.1 -1.1
MASC	Masc	7.41 289	iP	14 06 25.6 -1.5
MASC			Sn	14 06 35.9 +2.2
MASC			Sn	14 07 57.9 +0.3
QMBU	Quimbuelo	7.94 288	eS	14 06 42.9 +1.9
QMBU			eS	14 08 09.0 -1.8
URIC	Uribia, Colomb	8.01 220	Pn	14 08 00.1 -1.2
NMDO	Nuevo Mundo	8.19 290	Pn	14 06 44.0 -0.4
MOAC	Moa	8.20 291	eP	14 06 49.5 +4.9
MOAC			eS	14 08 14.6 -2.6
MBGH	Gun Hill	8.42 124	Pn	14 06 48.0 +0.4
PINC	Pinare de May	8.90 288	iP	14 06 57.0 +2.8
PINC			iS	14 08 31.3 -3.1
CHIV	Chivrico	9.36 284	Pn	14 07 00.4 -0.4
SDV	Santo Domingo	9.76 203	Pn	14 07 07.4 +1.3
SDV	comp=Z, 1nm, 0.3s, baz=28, slow=11, SNR=11			
SDV	comp=Z, 16µm, 0.6s			
SDV	Santo Domingo	9.76 203	Pn	14 07 04.4 -1.8
SDV	Santo Domingo	9.76 203	eP	14 07 06.2 0.0
MDTJ	Mout Denham	10.25 273	Pn	14 07 11.7 -1.1
CCAC	Oceana	11.57 214	Pn	14 07 32.9 +0.8
CAIB	Caibarien	12.75 293	Pn	14 07 45.3 -1.8
RUSC	La Rusia	13.48 208	Pn	14 07 57.7 +0.4
PTBC	PUERTO BERRIO,	13.60 214	Pn	14 07 58.0 -0.5
CHIC	Chingaza	14.89 208	Pn	14 08 16.4 -0.1
ROSC	El Rosal	14.90 210	Pn	14 08 19.0 +1.3
ROSC	comp=Z, 1.2nm, 0.3s, baz=58, slow=18, SNR=1.7			
ROSC	comp=Z, 6.7nm, 0.5s			
ROSC	El Rosal	14.98 210	Pn	14 08 17.5 -0.2
SOR	Soroa	15.98 290	Pn	14 08 28.4 -2.0
BOAV	Boa Vista	16.62 158	eP	14 08 38.9 +0.5
BOAV	Boa Vista	16.62 158	eP	14 08 39.0 +0.3
ROAF	San Farael, V	18.34 247	Pn	14 08 59.8 -0.7
CSU	Charleston Sou	19.18 324	P	14 09 08.4 -0.7
RGRS	Roger Stewart	19.19 324	P	14 09 08.0 -1.2
RGRS			IAMB	14 09 33.0
JTS	comp=Z, 126nm, 1.2s			
JTS	Las Juntas de	19.20 249	P	14 09 09.9 +0.3
JTS	comp=Z, 0.4nm, 0.3s, baz=67, slow=13, SNR=1.4			
JTS	comp=Z, 2.2nm, 0.4s			
V61A	Roper	19.80 336	P	14 09 15.4 -0.5

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TEIG	Tepeich	20.46 280	P	14 09 21.8 -1.6
BIRD	Birdtown, Kers	20.64 326	P	14 09 24.2 -0.9
BIRD			IAMB	14 09 47.4
154A	comp=Z, 24nm, 0.6s			
JSC	Montrosa	20.74 318	P	14 09 25.5 -0.8
JSC	Jenkinsville	20.80 324	P	14 09 26.0 -0.8
JSC			IAMB	14 09 42.6
V58A	comp=Z, 16nm, 0.8s			
OTAV	Windy Hill, Pi	20.89 331	P	14 09 26.8 -1.0
OTAV	Olavalo	21.02 214	P	14 09 26.5 -3.3
OTAV			IAMB	14 09 47.7
OTAV	comp=Z, 23nm, 1.1s			
OTAV	Olavalo	21.02 214	eP	14 09 29.5 -0.4
T59A	Double "B" Far	21.21 336	P	14 09 29.0 -2.2
T59A			IAMB	14 09 56.4
HODGE	comp=Z, 14nm, 0.4s			
HODGE	Hodges	21.33 323	P	14 09 29.5 -3.1
HODGE			IAMB	14 09 43.6
GOGA	comp=Z, 38nm, 1.2s			
GOGA	Godfrey	21.49 319	P	14 09 34.3 -0.1
GOGA			IAMB	14 09 46.0
T57A	comp=Z, 18nm, 0.8s			
V53A	Hurt	21.94 332	P	14 09 36.7 -2.5
V53A	Saluda	22.68 324	P	14 09 46.2 -1.0
V53A			IAMB	14 10 08.6
U54A	comp=Z, 16nm, 0.6s			
U54A	Nelsons Funny	22.79 327	P	14 09 47.3 -0.9
U54A			IAMB	14 10 23.8
CPCT	comp=Z, 15nm, 0.6s			
CPCT	Cooper Cave	23.51 321	P	14 09 54.4 -1.1
CPCT			IAMB	14 10 26.7
TZTN	comp=Z, 17nm, 0.7s			
TZTN	Tazewell	23.73 325	P	14 09 57.0 -0.7
TZTN			IAMB	14 10 23.9
W50A	comp=Z, 16nm, 0.9s			
Q54A	Signal Mountai	23.82 320	P	14 09 58.4 -0.3
Q54A	Coxs Mills	24.28 333	P	14 10 03.0 +0.1
Q54A			IAMB	14 10 06.6
ITTB	comp=Z, 10nm, 0.8s			
Q54A	Avella	24.69 153	eP	14 10 06.9 +0.1
Q54A			P	14 10 09.8 -0.4
Q54A			IAMB	14 10 13.9
NPGB	comp=Z, 16nm, 0.8s			
ATAH	Novo Progresso	27.26 155	eP	14 10 30.2 +0.1
ATAH	Atahua	27.44 206	LR	14 24 28.9
SADO	Sadova	28.69 341	LR	14 22 24.2
SADO			IAMB	14 22 24.2
WMOA	comp=Z, 261nm, 20.7s, baz=340, slow=37			
WMOA	Wicoma Mountai			

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for Old Harbor, WRR, KLU, ISOM, AS31, ASAR, SFJD, YKA, ESDC, and another ESDC.

IDC 07 14:11:57.2-332.0,22.64S,69.43W,h0km, Error ellipse: s-maj=147.2km s-min=118.2km az=167.0, Northern Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for I08BO, I14CL, I20EC, and I13CL.

RSRP 07 14:16:14.9,17.99N,66.83W,h7km,1km,3C-2D,Puerto Rico region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for MLPR, OBIP, CRPR, LSP, AOPR, PRSN, EMPR, IDE, and GCPR.

RSRP 07 14:17:02.3,18.03N,66.80W,h9km NEIC 07 14:17:02.3-2.0,18.04N,0.02-66.78W,0.01,1h10km,1km, ML3.3/20,3D,Error ellipse: s-maj=3.1km s-min=2.8km az=26.0, Puerto Rico region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for OBIP, CELP, UUPR, MLPR, AOPR, CRPR, LSP, PRSN, GCPR, HUMP, IDE, SABA, SDDR, ANWB, ATGZ, MMLL, CBE, GRK, DSD, GDS, DSLB, SDV, ROSC, R61A, S57A, BLA, SDMM, V48A, SADO, LPAZ, LPZ, TXAR, PB16, SCHO, ANMO, SDCO, ULM, PD31, PDAR, CPUP, CPUP, NVAR, CFA, YKA, and ESDC.

RSRP 07 14:22:49.3,17.96N,66.83W,h8km,1km,MD2,8,9C, Puerto Rico region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for MLPR, OBIP, CRPR, LSP, AOPR, PRSN, EMPR, IDE, and GCPR.

IDC 07 14:23:38.0-0.7,17.76N,66.66W,h0km,mb3.9/12, mbmp3.9/13,ML2.8/1,MS3.5/4, Error ellipse: s-maj=16.3km s-min=8.1km az=147.0

RSRP 07 14:23:39.1,17.90N,66.67W,h5km,MD3.0/8 PTWC 07 14:23:39.1,17.90N,66.67W,MI4.2/13 NEIC 07 14:23:39.2-1.0,17.93N,0.04-66.68W,0.007, h10km,1km,mb4.4/14,ML3.9/26, Error ellipse: s-maj=6.6km s-min=2.9km az=4.0

OSPL 07 14:23:40.0-2.0,17.84N,66.67W,h0km,21km,ML3.7,

Presumed earthquake ISC 07 14:23:38.5-1.1,17.88N,0.04-66.70W,0.02,h8km,7km, n75, c140/82,mb4.1/15,MS3.6/4,8C-1D,Puerto Rico region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for OBIP, CELP, MLPR, CRPR, AOPR, PRSN, EMPR, IDE, SABA, SDDR, ANWB, ATGZ, MMLL, CBE, GRK, DSD, GDS, DSLB, SDV, ROSC, R61A, S57A, BLA, SDMM, V48A, SADO, LPAZ, LPZ, TXAR, PB16, SCHO, ANMO, SDCO, ULM, PD31, PDAR, CPUP, CPUP, NVAR, CFA, YKA, and ESDC.

ESDC Sonseca Array 57.94 54 Iamb Iamb 14 33 36.5 TORO Torodi Ar. Bea 65.76 83 P P 14 34 25.3 +0.7

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for TORO, ILAR, BOSA, WMQ, and HHC.

IDC 07 14:24:04.1-326.0,22.46S,69.61W,h0km, Error ellipse: s-maj=146.0km s-min=119.4km az=172.0, Northern Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for I08BO, I14CL, I20EC, and I13CL.

RSRP 07 14:30:48.3,18.02N,66.74W,h13km,7C,Puerto Rico region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for OBIP, MLPR, AOPR, LSP, PRSN, GCPR, IDE, and GCPR.

RSRP 07 14:31:35.2,17.90N,66.70W,h4km,MD2.0/5 NEIC 07 14:31:35.0-0.8,17.93N,0.03-66.69W,0.01,1h10km,1km, ML2.5/22,5C-2D, Error ellipse: s-maj=5.1km s-min=2.7km az=1.0, Puerto Rico region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for OBIP, OBIP, CELP, CELP, UUPR, MLPR, CRPR, CRPR, GCPR, AOPR, LSP, ECP, ECP, ECP, PRSN, SJP, EMPR, EMPR, AGPR, GCPR, AOPR, LSP, ECP, ECP, GCPR, GCPR, HUMP, HUMP, IDE, SABA, SDDR, ANWB, ATGZ, MMLL, CBE, GRK, DSD, GDS, DSLB, SDV, ROSC, R61A, S57A, BLA, SDMM, V48A, SADO, LPAZ, LPZ, TXAR, PB16, SCHO, ANMO, SDCO, ULM, PD31, PDAR, CPUP, CPUP, NVAR, CFA, YKA, and ESDC.

IDC 07 14:39:33.4-0.5,17.85N,66.73W,h0km,mb4.1/15, mbmp4.2/17,ML2.8,MS3.1/11, Error ellipse: s-maj=14.0km s-min=7.6km az=158.0

NEIC 07 14:39:34.7-0.7,17.90N,0.01-66.69W,0.01,h2km,4km, mb4.5/32,ML4.2/36,Mwr4.0/21,ML4.1(RSPR), Mwr3.9/11(SLM), Error ellipse: s-maj=2.5km s-min=1.0km az=144.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=1.04; Mw=0.74; Mw=0.29; Mw=0.16; Mw=0.60; Mw=0.04; Fault plane solution: Mo:1.22000e+10 Np1:0.62,72000, 0.84,40000, -1.79,93000. NP2: 0.227,40000, 0.42,59000, -1.101,15000. Principal axes: T:1.1656, P:1.63, N:0.0000, Azm:146.0000; N: -0.1064, P:1.63, Azm:236.0000; P: -1.0592, P:1.63, Azm:34.0000.

OSPL 07 14:39:34.0-0.3,17.77N,66.69W,h4km,3km,ML3.8, Presumed earthquake

NEIC 07 14:39:34.7,17.90N,66.67W,h5km,MD3.0/8 RSPR 07 14:39:35.1,17.94N,66.70W,h5km,1km NEIC 07 14:39:35.1,17.94N,66.70W,h4km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mr=8.94; Mw=6.82; Mw=2.12; Mw=3.15; Mw=0.94; Fault plane solution: Mo:9.55000e+10 Np1:0.245,00000, 0.855,00000, -1.85,00000. NP2:0.56,50000, 0.85,00000, -1.97,00000. Principal axes: T:9.5473, P:1.0000, Azm:331.0000; N:0.0028, P:1.0000, Azm:62.0000; P: -9.5498, P:1.0000, Azm:174.0000.

PTWC 07 14:39:35,18.00N,66.70W,MI4.3/14,PUERTO RICO REGION

ISC 07 14:39:34.0-1.1,17.87N,0.04-66.70W,0.02,h6km,7km, n125, c191/189,mb4.4/27,MS3.4/9,7C-1D,Puerto Rico region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for OBIP, OBIP, OBIP, OBIP, CELP, MLPR, and MLPR.

7d 15h

Table of satellite observations for the 7-day period, including station names, codes, and various parameters like elevation and azimuth.

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Main table of satellite observations for January 2020, listing station names, codes, and observation details.

460

Table of satellite observations for station 460, including station name, code, and observation parameters.

RSRPR 07 15:37:24.0, 17.77N-66.89W, h6km, 9km, 6C-3D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Lists stations like Magueyes Islan, Cabo Rojo, PR, and Puerto Rico Se.

RSRPR 07 15:43:01.9, 18.04N-66.83W, h8km, 1km, MD2.3/7 NEIC 07 15:43:02.0-0.8, 18.04N-66.83W, h10km, 2km, ML2.4/18, MD2.3/7(RSPR), 5C-2D, Error ellipse: s-maj=5.8km s-min=3.0km az=0.0, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Lists stations like Obispado Ponce, Magueyes Islan, and Puerto Rico Se.

IDC 07 15:55:08.0-0.8, 17.80N-66.76W, h0km, mb3.9/10, mbmp3.9/11, ML2.9/1, MS3.1/3, Error ellipse: s-maj=20.9km s-min=8.4km az=159.0

SDD 07 15:55:09.3-2.3, 17.94N-66.68W, h19km, 21km, MD3.8, ML4.0, MW4.2, Presumed earthquake

NEIC 07 15:55:11.4-1.8, 18.06N-67.04-66.75W, h10km, 1km, mb4.4/24, ML4.3/30, Mw4.1/16, ML4.2/7(RSPR), Mw4.0/10(SLM), Error ellipse: s-maj=7.7km s-min=2.9km

RSRPR 07 15:55:11.2, 18.01N-66.77W, h8km, 1km, MD2.5/7 OSPL 07 15:55:12.2-2.5, 18.00N-66.74W, h0km, 17km, ML4.3, Presumed earthquake

NEIC 07 15:55:12.18-0.7N-66.71W, h12km, Moment Tensor Solution, Moment tensor: Scale 10^15Nm; Mrr=0.52; Mth=0.30; Mtt=1.07; Mtr=0.96; Mtr=0.20; Fault plane solution: M1: 5.000x10^15 N1p1=78.99000; d77.32000; lambda=55.39000; NP2: o1=186.64000; d36.59000; lambda=158.39000; Principal axes: T: 1.6410, Plg24.0000; Azm143.0000; N -0.2671, Plg34.0000; Azm250.0000; P -1.3738, Plg46.0000; Azm25.0000

NEIC 07 15:55:10.6-0.7, 17.97N-66.76W, h0km, 4km, h110, s1556/132, mb4.3/19, 12C-2D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Lists stations like Obispado Ponce, Magueyes Islan, and Puerto Rico Se.

CRPR comp=E,24um,0.7s IAML

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Lists stations like Cabo Rojo, PR, Puerto Rico Se, and various experimental stations.

TXAR comp=Z,0.6nm,0.7s, bsz=96, slow=4.2, SNR=5.9 ScP ScP 16 08 23.5 +1.8

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Lists stations like Lajitas Array, EROS Data Cent, and various IOPC stations.

NEIC 07 16:04:29.4-1.3, 17.88N-67.03-66.77W, h0.01, h11km, 4km, ML3.9/24, ML3.9/30, Mw3.9/23, Error ellipse: s-maj=4.2km s-min=1.5km az=171.0

IDC 07 16:04:29.8-1.2, 17.98N-66.86W, h0km, mb3.5/4, mbmp3.6/5, ML2.7/1, Error ellipse: s-maj=25.0km s-min=9.5km az=178.0

RSRPR 07 16:04:30.1, 17.97N-66.77W, h10km, 3km, MD2.8/9 OSPL 07 16:04:33.5-2.3, 17.87N-66.91W, h0km, 15km, ML3.7, Presumed earthquake

ISC 07 16:04:30.4-0.9, 17.99N-66.76W, h0km, 6km, h44, s1500/56, mb3.6/5, 8C-1D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Lists stations like Obispado Ponce, Magueyes Islan, and various experimental stations.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SDDR Presa de Saban, LODOU1 El Esparilliar, LONE3 El Aguacate, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PRSN comp=N,3um,0.3s, PRSN PRSA, ECPR Experimental S, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ECPR comp=N,4um,0.2s, ECPR comp=N,6um,0.2s, EMPR Esperanza - Ma, etc.

THE 07 16:13:24.3, 38°N, 3'21"E, h16km, 2km, M2.5/11, ML2.5/11

ATH 07 16:13:24.3, 37°55'N, 20°65'E, h17km, 1km, ML2.5/7, Manual Solution by E.Daskalaki First location: 2020/01/07 16:14:27, This location: 2020/01/07 17:49:36 ML

Amplitudes are expressed in micrometers. All distances are expressed in degrees Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

ISC 07 16:13:24.3±1.4, 37.345N±0.05, 20.67E±0.04, h16km±7km, n38, c037/62, lonian Sea

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LTHK Lathakia, KYPS Kipseli, ZAKI Zakynthos, etc.

RSRPR 07 16:16:53.0, 18°03'N, 66°78'W, h8km, 9km, 4C-1D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like OBIP Obispado Ponce, MLPR Magueyes Islan, CRPR Cabo Rojo, etc.

NEIC 07 16:17:05.2±1.1, 18°01'N, 0°04'66.82'W, 0°01, h10km±1km, ML2.6/20, Error ellipse: s-maj=7.1km s-min=2.9km az=4.0

RSRPR 07 16:17:05.2, 17°96'N, 66°83'W, h8km, 1km

ISC 07 16:17:04.4±1.4, 17.96N±0.06, 66.82W±0.03, h18km±3km, n19, c042/27, 5C-2D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, CRPR 835nm, 0.1s, etc.

RSRPR 07 16:18:20.2, 17°96'N, 66°83'W, h9km, 1km, MD2.1/6, 3C-4D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MLPR Magueyes Islan, OBIP Obispado Ponce, CRPR Cabo Rojo, etc.

NEIC 07 16:19:05.4±0.5, 17°91'N, 0°02'66.69'W, 0°01, h10km±1km, ML3.6/24, Error ellipse: s-maj=3.7km s-min=2.9km az=166.0

RSRPR 07 16:19:06.4±1.2, 17°94'N, 66°71'W, h9km, 3km, MD2.9/9

ISC 07 16:19:06.4±1.2, 17.94N±0.05, 66.70W±0.02, h13km±8km, n26, c1901/33, 7C-2D, Puerto Rico region

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

NEIC 07 16:15:22.7±2.3, 17°87'N, 0°02'66.72'W, 0°01, h10km±2km, ML3.1/24, MD2.7/7(RSPR), Error ellipse: s-maj=3.7km s-min=2.8km az=20.0

RSRPR 07 16:15:24.7, 18°01'N, 66°74'W, h11km±1km, MD2.7/7

ISC 07 16:15:23.8±1.1, 17.99N±0.05, 66.72W±0.02, h20km±3km, n31, c045/42, 6C-3D, Puerto Rico region

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

ISC 07 16:17:26.6±1.6, 17°98'N, 66°81'W, h0km, mb3.4/3, mb3mp3.5/4, ML2.7/1, Error ellipse: s-maj=39.3km s-min=9.4km az=176.0

RSRPR 07 16:17:27.6, 17°91'N, 66°75'W, h4km, MD2.5/4

NEIC 07 16:17:28.0±0.4, 17°95'N, 0°04'66.75'W, 0°02, h9km±12km, ML3.5/26, Error ellipse: s-maj=6.6km s-min=1.5km az=161.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like OBIP Obispado Ponce, CELP Cerrillos, MLPR Magueyes Islan, etc.

RSRPR 07 16:23:27.6, 18°02'N, 66°84'W, h7km, 3km, 4C, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like IDE Isla Desecheo, DHZS Broadband at M, MMLZ Guadeloupe Bro, etc.

RSRPR 07 16:24:07.4, 17°94'N, 66°83'W, h8km, 2km, MD2.5/5

NEIC 07 16:24:06.6±1.3, 17°88'N, 0°03'66.80'W, 0°009, h10km±2km, ML3.3/22, 4C-3D, Error ellipse: s-maj=5.5km s-min=3.0km az=358.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MLPR Magueyes Islan, OBIP Obispado Ponce, OBIP Obispado Ponce, etc.

7d 16h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for Cabo Rojo, Utuado, Puerto Rico, and various observatories.

IDC 07 16:26:39.41.1.4.23.59S:66.60W, h184km, 15km, mb3.8/3, mbmp4.2/9, Error ellipse: s-maj=24.6km s-min=11.9km az=102.0

SJA 07 16:26:39.50.6.23.53S:66.81W, h230km, 3km, ML3.9, MV3.9

GUC 07 16:26:41.7.0.6.23.52S:66.87W, h214km, 5km, ML4.6

NEIC 07 16:26:41.1.1.4.23.50S:0.07:66.83W:0.09, h219km, 8km, mb4.4/8, Mw4.4(GUC), Error ellipse: s-maj=12.6km s-min=10.1km az=83.0

VAO 07 16:26:42.2.1.0.23.40S:66.82W, h234km, 7km, mb4.3, Presumed earthquake

ISC 07 16:26:40.1.0.6.23.55S:0.04:66.83W:0.04, h215km, 6km, n134, s1927/164, mb4.2/4, 12C-1D, Jujuy Province

Main table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations and event details.

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Main table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations and event details.

SDD 07 16:27:04.3.2.0.17.80N:66.71W, h13km, 312km, MD4.0, ML4.1, MW4.5, Presumed earthquake
IDC 07 16:27:05.2.0.5.17.83N:66.83W, h0km, mb4.3/20, mbmp4.4/23, ML3.7/3, MS3.6/25, Error ellipse: s-maj=12.9km s-min=7.7km az=159.0
NEIC 07 16:27:06.17.95N:66.78W, h10km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr=-2.38; Ms=1.00; M3=1.38; M2=2.97; M3=2.70; Mr=0.12; Fault plane solution: M4.52000x10^15 NP1: s=255.00000, s=870.00000, lambda=55.00000. NP2: s=11.00000, s=840.00000, lambda=148.00000. Principal axes: T 4.5158, Plg18.00000, Azm39.00000; P -5.0204, Plg53.00000, Azm21.00000; OSPL 07 16:27:10.2.1.7.17.94N:66.90W, h0km, 15km, ML4.5, Presumed earthquake
RSNC 07 16:27:29.0.8.17.93N:66.81W:1.1, h222km, 14km, M4.2, mb4.9, mb4.8, ML4.2, Mw(mb)4.2
ISC 07 16:27:07.0.0.8.17.92N:0.03:66.82W:0.02, h13km, 5km, n252, s1915/202, mb4.7/98, MS3.6/22, 9C-8D, Puerto Rico region

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NEIC 07 16:27:07.6.17.94N:66.76W, h10km
RSPR 07 16:27:07.5.17.96N:66.83W, h8km, 1km, MD2.9/6
NEIC 07 16:27:07.6.1.6.17.95N:0.03:66.76W:0.05, h10km, 1km, mb4.7/173, ML4.7/38, Mw4.4/21, ML4.6(GRSP), Mw4.4(11)(SLM), Error ellipse: s-maj=3.0km az=63.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr=-3.18; Ms=0.36; M3=2.82; M2=2.5; M3=3.21; Ms=0.96; Fault plane solution: M5.04000x10^15 NP1: s=3.0000, s=52.46000, lambda=139.28000. NP2: s=245.62000, s=58.85000, lambda=45.39000. Principal axes: T 5.0584, Plg4.00000, Azm39.00000; N -0.0380, Plg37.00000, Azm39.00000; P -5.0204, Plg53.00000, Azm21.00000; OSPL 07 16:27:10.2.1.7.17.94N:66.90W, h0km, 15km, ML4.5, Presumed earthquake
RSNC 07 16:27:29.0.8.17.93N:66.81W:1.1, h222km, 14km, M4.2, mb4.9, mb4.8, ML4.2, Mw(mb)4.2
ISC 07 16:27:07.0.0.8.17.92N:0.03:66.82W:0.02, h13km, 5km, n252, s1915/202, mb4.7/98, MS3.6/22, 9C-8D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like Maguueyes Islan, Obispo Ponce, and various observatories.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SDDR Presa de Saban, LONE3 El Aguacate, LOPP1 Punta Rusia, ANWB Willy Bob, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PDRB Porto dos Gac, W35A Tecumseh, ABTXA Abilene, WMOK Wichita Mounta, LPAZ La Paz, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like E29M Blow River, I28M Milner Creek, F28M Old Crow, E28M Babbage River, BCAR Beaver Creek A, etc.

7d 17h

Table with columns: Station Name, Time, Res, and various codes. Includes stations like ECPR Experimental S, EMPR Esperanza - Ma, and others.

NOU 07 16:43:17.1, 15.80S-167.48E, h19km, MLv4.4/21, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like SANVU Saraoutou, CEVU Saraoutou, and others.

GCG 07 16:48:51.4, 1.5, 12.86N-90.53W, h28km, MD3.9, Presumed earthquake

SNET 07 16:48:59.2, 0.1, 13.18N-90.21W, h23km, ML3.3, Presumed earthquake

ISC 07 16:48:52.8-4.2, 12.9N-02.904W-0.1, h24km, n6, 0F68/8, Off coast of central America

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like NUBE Las Nubes, CEVE Cerro Verde, and others.

RSPR 07 16:49:13.7, 17.98N-66.85W, h13km, 7km, 4C, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like MLPR Magueyes Islan, CRPR Cabo Rojo, PR, and others.

RSPR 07 16:49:45.9, 17.98N-66.86W, h7km, 1km, MD2.6/5, NEIC 07 16:49:45.7, 0.7, 17.98N-0.03-66.86W-0.01, h1km, ML2.8/22, 5C-3D, Error ellipse: s-maj=0.41km, s-min=2.9km az=16.0, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like MLPR Magueyes Islan, CRPR Cabo Rojo, PR, and others.

RSPR 07 16:50:54.4, 0.9, 18.01N-0.04-66.77W-0.02, h18km, gkm, n32, 0F51/42, 7C-2D, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, and others.

NEIC 07 16:50:54.5, 1.4, 17.99N-0.02-66.75W-0.01, h10km, 1km, ML3.6/24, Md2.7(B)(RSPR), Error ellipse: s-maj=3.4km, s-min=2.8km az=327.0

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, and others.

RSPR 07 17:04:09.5, 17.91N-66.76W, h4km, MD2.9/4, NEIC 07 17:04:09.1, 0.9, 17.89N-0.03-66.746W-0.007, h10km, 2km, ML3.0/22, 9C, Error ellipse: s-maj=4.8km, s-min=2.9km az=357.0, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, and others.

RSPR 07 17:03:33.4, 17.95N-66.80W, h2km, 3km, 5C, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, and others.

RSPR 07 17:04:09.5, 17.91N-66.76W, h4km, MD2.9/4, NEIC 07 17:04:09.1, 0.9, 17.89N-0.03-66.746W-0.007, h10km, 2km, ML3.0/22, 9C, Error ellipse: s-maj=4.8km, s-min=2.9km az=357.0, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, and others.

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Table with columns: Station Name, Time, Res, and various codes. Includes stations like CELP Cerrillos, UUPR Utuado, UPR, P, and others.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like CRPR Cabo Rojo, PR, AOPR Arecibo Observ, and others.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like PRSN Puerto Rico Se, CRPR Cabo Rojo, PR, and others.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like EMPR Esperanza - Ma, AGPR Aguadilla, PR, and others.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like SJG San Juan, GPCR Guaynabo City, and others.

SEUS St. Eustatius, SDRR Presa de Saban

Table with columns: Station Name, Time, Res, and various codes. Includes stations like SEUS St. Eustatius, SDRR Presa de Saban.

RSPR 07 16:55:18.1, 17.88N-66.88W, h26km, 7km, 4C, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like MLPR Magueyes Islan, CRPR Cabo Rojo, PR, and others.

NEIC 07 16:55:39.9, 0.5, 17.91N-0.04-66.81W-0.01, h10km, 2km, ML2.5/18, Error ellipse: s-maj=7.2km, s-min=2.9km, az=359.0

RSPR 07 16:55:40.1, 17.87N-66.80W, h12km, 7C, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like MLPR Magueyes Islan, OBIP Obispado Ponce, and others.

RSPR 07 16:55:40.1, 17.87N-66.80W, h12km, 7C, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like CRPR Cabo Rojo, PR, AOPR Arecibo Observ, and others.

RSPR 07 16:55:40.1, 17.87N-66.80W, h12km, 7C, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like CRPR Cabo Rojo, PR, AOPR Arecibo Observ, and others.

RSPR 07 16:55:40.1, 17.87N-66.80W, h12km, 7C, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like CRPR Cabo Rojo, PR, AOPR Arecibo Observ, and others.

RSPR 07 16:55:40.1, 17.87N-66.80W, h12km, 7C, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like CRPR Cabo Rojo, PR, AOPR Arecibo Observ, and others.

RSPR 07 16:55:40.1, 17.87N-66.80W, h12km, 7C, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like CRPR Cabo Rojo, PR, AOPR Arecibo Observ, and others.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like OBIP Obispado Ponce, CELP Cerrillos, and others.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like MLPR Magueyes Islan, UUPR Utuado, UPR, P, and others.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like CRPR Cabo Rojo, PR, AOPR Arecibo Observ, and others.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like CRPR Cabo Rojo, PR, AOPR Arecibo Observ, and others.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like GPCR Guaynabo City, IDE Isla Desecheo, and others.

RSPR 07 17:05:24.0, 17.89N-66.75W, h5km, 3km, MD2.3/3, 14C, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, and others.

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like CRPR Cabo Rojo, PR, AOPR Arecibo Observ, and others.

RSPR 07 17:05:42.3, 17.99N-66.83W, h19km, 1km, 4C, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like MLPR Magueyes Islan, OBIP Obispado Ponce, and others.

RSPR 07 17:06:31.0, 18.01N-66.76W, h14km, 2km, NEIC 07 17:06:31.7, 1.7, 18.06N-0.03-66.757W-0.005, h10km, 1km, ML2.6/22, 4C-2D, Error ellipse: s-maj=5.0km, s-min=2.8km az=176.0, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, and others.

RSPR 07 17:06:31.0, 18.01N-66.76W, h14km, 2km, NEIC 07 17:06:31.7, 1.7, 18.06N-0.03-66.757W-0.005, h10km, 1km, ML2.6/22, 4C-2D, Error ellipse: s-maj=5.0km, s-min=2.8km az=176.0, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, and others.

RSPR 07 17:06:31.0, 18.01N-66.76W, h14km, 2km, NEIC 07 17:06:31.7, 1.7, 18.06N-0.03-66.757W-0.005, h10km, 1km, ML2.6/22, 4C-2D, Error ellipse: s-maj=5.0km, s-min=2.8km az=176.0, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, and others.

RSPR 07 17:06:31.0, 18.01N-66.76W, h14km, 2km, NEIC 07 17:06:31.7, 1.7, 18.06N-0.03-66.757W-0.005, h10km, 1km, ML2.6/22, 4C-2D, Error ellipse: s-maj=5.0km, s-min=2.8km az=176.0, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, and others.

RSPR 07 17:06:31.0, 18.01N-66.76W, h14km, 2km, NEIC 07 17:06:31.7, 1.7, 18.06N-0.03-66.757W-0.005, h10km, 1km, ML2.6/22, 4C-2D, Error ellipse: s-maj=5.0km, s-min=2.8km az=176.0, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, and others.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Malin Array Si, Kiev, Arces ArCESS Array B, etc.

IDC 07 17:12:46.2, 1.5, 10.71N, 92.79E, h0km, mb3,9/6, mbmp3,9/8, ML3,8/1, Error ellipse: s-maj=58.2km s-min=23.0km az=58.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Chiang Mai Arr, Prapat, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like HFS Hagfors, OBIP Obispado Ponce, etc.

RSPR 07 17:13:15.9, 17.92N, 66.69W, h12km, 3C, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like OBIP Obispado Ponce, MLPR Magueyes Islan, etc.

NEIC 07 17:13:51.5, 0.4, 18.01N, 0.02, 66.78W, 0.01, h10km, 1km, ML3, 1/16, Error ellipse: s-maj=3.7km s-min=2.7km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, etc.

RSPR 07 17:14:50.1, 17.91N, 66.91W, h8km, 15km, 3C, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MLPR Magueyes Islan, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, etc.

RSPR 07 17:17:37.5, 18.01N, 66.76W, h9km, 5km, MD2,3/3, 5C, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like OBIP Obispado Ponce, MLPR Magueyes Islan, etc.

RSPR 07 17:18:15.0, 17.92N, 66.72W, h7km, 1km, NEIC 07 17:18:14.2, 0.9, 17.91N, 0.03, 66.723W, 0.009, h10km, 1km, ML2,8/2, 0, 7C-1D, Error ellipse: s-maj=4.8km s-min=2.9km az=353.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, etc.

RSPR 07 17:19:38.7, 17.98N, 66.73W, h12km, 2km, 2C-1D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, etc.

Table with columns: CELP, Sjm, 0.3s, IAML, 17 20 43.4, etc. Includes stations like Cabo Rojo, PR and Aguadilla, PR.

Table with columns: AC02, comp=E, 434nm, 0.3s, 3.08 212, etc. Includes stations like Maricunga, Horco Molle, and IPOC Station P.

Table with columns: SPB, Sao Paulo, 18.17 92, P, P, 17 25 16.1, etc. Includes stations like Sao Paulo, Rio Claro, and various other locations.

IDC 07 17:21:18.2-1.2, 24:26:56.7W, h152km, 5km, mb3.8/14, mbmp4.3/21, Error ellipse: s-maj=14.8km s-min=10.2km az=77.0

SJA 07 17:21:19.0-0.6, 24:22:56.7W, h196km, 5km, ML4.6, MW4.3

NEIC 07 17:21:20.3-2.4, 24:21:50.0, 05:67.3W, 0.1, h180km, 7km, mb4.6/20, Mw4.5(GUC), Error ellipse: s-maj=14.7km s-min=7.7km az=88.0

GUC 07 17:21:21.3-0.7, 24:22:56.7W, h173km, 5km, ML4.8

VAO 07 17:21:21.2-0.6, 24:16:56.9W, h177km, 5km, mb4.5, Presumed earthquake

ISC 07 17:21:19.2-0.6, 24:23:05.0, 03:67.3W, 0.0, h177km, 5km, n212, s1975/253, mb4.1/18, 17C-2D, Chile-Argentina border region

Table with columns: Code, Station Name, A, AZ, Phase ID, ISC, Time, Res. Includes stations like SALTA, San Pedro de A, and various IPOC Station P locations.

Table with columns: TA01, Diego Aracena, 4.52 323, etc. Includes stations like Diego Aracena, Punta Patache, and various other locations.

Table with columns: TXAR, Lajas Array, 63.71 325, P, P, 17 31 33.2, etc. Includes stations like Lajas Array, Pinedale Array, and various other locations.

RSPR 07 17:22:54.9, 17:98N-66:84W, h8km, 3km, 3C-1D, Puerto Rico region

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Magueyes Islan, Cerrillos, Utuado, Cabo Rojo, Las Mesas, etc.

IDC 07 17:24:03.0, 2.2, 5.54S, 149.61E, h0km, mb3.3/3, mbtmp3.5/4, ML1.7/1, Error ellipse: s-maj=76.1km s-min=35.8km az=120.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Port Moresby, Warramunga Arr, Alice Springs, QSPA, TORD, etc.

RSRP 07 17:29:18.8, 18.01N, 66.76W, h14km, 1km, 1C-4D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Obispado Ponce, Magueyes Islan, Cabo Rojo, Las Mesas, etc.

RSRP 07 17:29:54.1, 17.93N, 66.69W, h12km, NEIC 07 17:29:52.6, 1.2, 17.93N, 0.1, 66.70W, 0.03, h20km, 10km, ML2.5/2.2, 2C-4D, Error ellipse: s-maj=14.8km s-min=3.6km az=182.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Obispado Ponce, Magueyes Islan, Cabo Rojo, Las Mesas, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Esperanza - Ma, Aguadilla, PR, Guaynabo City, Col San Antoni, Loma Pena Alta, etc.

RSRP 07 17:30:26.4, 18.04N, 66.78W, h14km, 25km, 2C-1D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Magueyes Islan, Arecibo Observ, Cabo Rojo, PR, etc.

NEIC 07 17:31:21.2, 1.3, 17.98N, 0.02, 66.73W, 0.01, h10km, 1km, ML3.5/2.2, Error ellipse: s-maj=3.2km s-min=2.6km az=180.0

RSRP 07 17:31:21.2, 17.93N, 66.72W, h9km, 1km, 4D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Obispado Ponce, Obispado Ponce, Cerrillos, Obispado Ponce, Cabo Rojo, PR, etc.

RSRP 07 17:34:27.7, 17.89N, 66.78W, h13km, 1km, MD2.0/3, 2C-2D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Obispado Ponce, Magueyes Islan, Cabo Rojo, Las Mesas, etc.

RSRP 07 17:35:04.9, 17.99N, 66.74W, h15km, 1km, MD2.3/7, NEIC 07 17:35:03.0, 0.7, 17.98N, 0.09, 66.74W, 0.02, h27km, 10km, ML2.6/2.2, 2C-6D, Error ellipse: s-maj=12.8km s-min=2.5km az=181.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Obispado Ponce, Magueyes Islan, Cabo Rojo, Las Mesas, etc.

RSRP 07 17:46:09.9, 17.92N, 66.76W, h8km, 1km, MD2.5/3, NEIC 07 17:46:09.1, 1.3, 17.89N, 0.04, 66.75W, 0.01, h10km, 2km, ML3.5/2.5, ML3.5/3(RSPR), Error ellipse: s-maj=6.2km s-min=3.0km az=355.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Obispado Ponce, Obispado Ponce, Cerrillos, Obispado Ponce, Cabo Rojo, PR, etc.

RSRP 07 17:46:09.9, 17.92N, 66.76W, h8km, 1km, MD2.5/3, NEIC 07 17:46:09.1, 1.3, 17.89N, 0.04, 66.75W, 0.01, h10km, 2km, ML3.5/2.5, ML3.5/3(RSPR), Error ellipse: s-maj=6.2km s-min=3.0km az=355.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Obispado Ponce, Obispado Ponce, Cerrillos, Obispado Ponce, Cabo Rojo, PR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Esperanza - Ma, San Juan, Aguadilla, PR, Guaynabo City, Isla Desecheo, Col San Antoni, Loma Pena Alta, etc.

RSRP 07 17:41:14.7, 17.92N, 66.95W, h9km, 1km, MD2.4/4, 2C-3D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Magueyes Islan, Cabo Rojo, PR, Las Mesas, Obispado Ponce, Puerto Rico Se, Arecibo Observ, Esperanza - Ma, Isla Desecheo, Guaynabo City, etc.

NEIC 07 17:42:01.7, 1.1, 17.89N, 0.03, 66.76W, 0.01, h10km, 2km, ML3.7/2.8, Error ellipse: s-maj=5.9km s-min=2.9km az=15.0

RSRP 07 17:42:02.0, 17.92N, 66.77W, h8km, 2km, ISC 07 17:42:02.0, 1.0, 17.91N, 0.05, 66.76W, 0.02, h17km, 7km, n32, 0.662/5.1, 1C-4D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Obispado Ponce, Obispado Ponce, Cerrillos, Magueyes Islan, Utuado, PR, Cabo Rojo, PR, Las Mesas, Arecibo Observ, etc.

RSRP 07 17:42:21.1, 17.92N, 66.76W, h8km, 1km, MD2.5/3, NEIC 07 17:42:21.1, 1.3, 17.89N, 0.04, 66.75W, 0.01, h10km, 2km, ML3.5/2.5, ML3.5/3(RSPR), Error ellipse: s-maj=6.2km s-min=3.0km az=355.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Obispado Ponce, Magueyes Islan, Cabo Rojo, PR, Las Mesas, Arecibo Observ, etc.

RSRP 07 17:46:09.9, 17.92N, 66.76W, h8km, 1km, MD2.5/3, NEIC 07 17:46:09.1, 1.3, 17.89N, 0.04, 66.75W, 0.01, h10km, 2km, ML3.5/2.5, ML3.5/3(RSPR), Error ellipse: s-maj=6.2km s-min=3.0km az=355.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Obispado Ponce, Obispado Ponce, Cerrillos, Obispado Ponce, Cabo Rojo, PR, etc.

RSRP 07 17:46:09.9, 17.92N, 66.76W, h8km, 1km, MD2.5/3, NEIC 07 17:46:09.1, 1.3, 17.89N, 0.04, 66.75W, 0.01, h10km, 2km, ML3.5/2.5, ML3.5/3(RSPR), Error ellipse: s-maj=6.2km s-min=3.0km az=355.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Obispado Ponce, Obispado Ponce, Cerrillos, Obispado Ponce, Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Magueyes UPR, Cabo Rojo, and Las Mesas.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Serui, Kaimana, Ransiki, and Warrungarra Arr.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Obispo Ponce, Cerrillos, and Esperanza - Ma.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Obispo Ponce, Magueyes UPR, and Cabo Rojo.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Karatay Array, Erkin-Say, and Uchtor.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Obispo Ponce, Cerrillos, and Esperanza - Ma.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Obispo Ponce, Magueyes UPR, and Cabo Rojo.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Karatay Array, Erkin-Say, and Uchtor.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Obispo Ponce, Cerrillos, and Esperanza - Ma.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Obispo Ponce, Magueyes UPR, and Cabo Rojo.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Karatay Array, Erkin-Say, and Uchtor.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Obispo Ponce, Cerrillos, and Esperanza - Ma.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Obispo Ponce, Magueyes UPR, and Cabo Rojo.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Karatay Array, Erkin-Say, and Uchtor.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Obispo Ponce, Cerrillos, and Esperanza - Ma.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Obispo Ponce, Magueyes UPR, and Cabo Rojo.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Karatay Array, Erkin-Say, and Uchtor.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Obispo Ponce, Cerrillos, and Esperanza - Ma.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Obispo Ponce, Magueyes UPR, and Cabo Rojo.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Karatay Array, Erkin-Say, and Uchtor.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Obispo Ponce, Cerrillos, and Esperanza - Ma.

7d 18h

Table with columns: AOPR, Arcobio Observ, 0.41 9, Pg, 18 08 19.4 +0.4, 18 08 27.7, etc.

NEIC 07 18:09:46.6; 1.2, 44.69S; 0.09:80.9W; 0.2, h10km, 2km, mb4.2/9, Error ellipse: s-maj=22.4km s-min=14.4km az=286.0

IDC 07 18:09:50.8; 1.4, 44.45S; 80.74W, h0km, mb4.0/5, mbtmp4.0/7, ML4.2/2, MS3.6/4, Error ellipse: s-maj=42.7km s-min=24.4km az=117.0

ISC 07 18:09:49.7; 1.0, 44.71S; 0.08:80.5W; 0.1, h10km, n36, e192/32, mb4.0/5, MS3.4/3, Off coast of southern Chile

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

IDC 07 18:10:52.0; 1.7, 19.72N; 66.80W, h0km, mb4.0/12, mbtmp4.1/15, ML3.4/3, MS3.2/6, Error ellipse: s-maj=19.5km s-min=7.7km az=169.0

NEIC 07 18:10:55.3; 18.02N; 66.73W, h14km RSPR 07 18:10:55.6; 17.99N; 66.75W, h16km

NEIC 07 18:10:55.4; 1.5, 18.01N; 0.06:66.727W; 0.007, h15km, 4km, mb4.5/73, ML4.4/30, Mw4.2/23, ML4.2(RSPR), Error ellipse: s-maj=9.2km s-min=6.6km az=175.0

Moment Tensor Solution. Moment tensor. Scale: 10^15Nm; Mn=0.77; Mw=0.93; Mxx=0.17; Myy=0.43; Mzz=1.89; Mxy=0.87; Fault plane solution: M2.29000x10^15 Np1.19, 13.32000y, 869.63000z; i=22.70000; NP2x=273.08000; s64.39000; i=22.70000; Principal axes: T 2.3610, Plg3.0000, Azm142.0000; N=0.1471, Plg56.0000; Azm47.0000; P=-2.1239, Plg33.0000; Azm235.0000;

OSPL 07 18:10:55.4; 0.3, 17.89N; 66.73W, h10km, 2km, ML4.0, Presumed earthquake

ISC 07 18:10:53.9; 1.0, 17.94N; 0.04:66.75W; 0.02, h16km, 6km, n178, e196/190, mb4.4/41, MS3.2/5, 4C-5D, Puerto Rico region

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

2020 JAN

Main table with columns: CRPR, Cabo Rojo, PR, 0.35 281f, eS, P, 18 11 02.5 +0.6, etc.

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Main table with columns: U56A, King, 21.94 329, P, P, 18 15 45.9 -1.0, etc.

ASAR comp=Z,0.2nm,0.7s,baz=99,slow=3.5,SNR=2.0

RSPR 07 18:16:01.3, 18.02N-66.80W, h11km, MD3.0/8
NEIC 07 18:16:00.7-0.7, 18.03N-0.04-66.789W, 0.009,
h18km, 2km, ML3.5/24, MD3.0/8(RSPR), 5C-3D, Puerto
ellipse: s-maj=5.1km s-min=1.3km az=181.0, Error
a=1.22

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include OBIP, OBIPADO PONCE, CERRILLOS, UPR, MAGUEYES ISLAN, CABO ROJO, etc.

RSPR 07 18:18:39.4, 17.91N-66.88W, h20km, 2km, 4C, Puerto Rico region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include MLPR, CABO ROJO, LAS MESSAS, etc.

NEIC 07 18:19:01.4-0.7, 18.00N-0.02-66.78W, 0.02, h21km, 5km,
ML2.6/22, Error ellipse: s-maj=3.2km s-min=1.6km
az=145.0

RSPR 07 18:19:02.3, 18.02N-66.80W, h8km, 2km, MD2.2/3, 6C-1D, Puerto Rico region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include OBIP, CERRILLOS, UPR, MAGUEYES ISLAN, CABO ROJO, etc.

Table with columns: IDE, HUMP, DR12, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Isla Desecheo, Col San Antoni, Loma Pena Alta.

RSPR 07 18:41:39.7, 17.89N-66.78W, h12km, 11km, 2C-1D, Puerto Rico region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include MLPR, CABO ROJO, ARECIBO OBSERV, etc.

RSPR 07 18:42:25.4, 17.92N-66.81W, h7km, 2km, MD2.3/9
NEIC 07 18:42:23.9-0.9, 17.87N-0.05-66.80W, 0.02, h15km, 4km,
ML3.2/26, 3D, Error ellipse: s-maj=6.9km s-min=2.3km
az=185.0, Puerto Rico region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include OBIP, ARECIBO OBSERV, MAGUEYES ISLAN, CABO ROJO, etc.

IDC 07 18:43:44.3-0.6, 17.82N-66.89W, h0km, mb4.0/17,
mbmp4.1/19, ML3.6/2, MS3.1/5, Error ellipse:
s-maj=16.0km s-min=8.5km az=163.0

NEIC 07 18:43:45.8, 17.89N-66.87W, h13km
SDD 07 18:43:45.1-1.6, 17.93N-66.89W, h18km, 14km, MD4.2,
ML3.9/MW4.3, Presumed earthquake
NEIC 07 18:43:45.8-1.1, 17.88N-0.02-66.88W, 0.01, h12km, 4km,
Mw4.3/34, ML4.5/32, Mw4.2/25, ML4.3/11(RSPR),
Mw4.2/11(SLM), Error ellipse: s-maj=3.0km s-min=1.8km
az=176.0, Moment Tensor Solution. Moment tensor:
Scale 10^19Nm; Mrr-0.49; Mth-0.07; Mtt0.56; Mtr-0.27;
Mts2.08; Mtr0.20; Fault plane solution: M2.170000*10^15
NP1: 176.420000, 80.480000, -1.171.000000. NP2:
84.940000, 881.220000, -1.9.630000. Principal axes: T
2.3476, P1g1.0000, Azm131.0000; N -0.4188,
Plg177.0000; Azm223.0000; P -1.9289, Plg13.0000;
Azm41.0000;

RSPR 07 18:43:46.5, 17.93N-66.89W, h5km, 1km, MD3.8/11
OSPL 07 18:43:46.7-0.8, 17.84N-66.90W, h0km, 9km, ML4.1,
Presumed earthquake

NEIC 07 18:43:46.7, 17.93N-66.89W, h9km, Moment Tensor
Solution. Moment tensor: Scale 10^19Nm; Mrr0.0;
Mth0.33; Mtt0.33; Mtr0.10; Mts1.87; Mtr1.09; Fault
plane solution: M2.190000*10^15 NP1: 95.000000, 360.000000,
10.000000. Principal axes: T 2.1913, Plg21.0000;
Azm316.0000; N 0.0001, Plg60.0000; Azm185.0000; P
-2.1915, Plg21.0000; Azm54.0000;

ISC 07 18:43:47.0-0.9, 17.80N-0.04-66.88W, 0.02, h12km, 5km,
n152, n183/167, mb4.3/28, MS3.1/3, 9C-8D, Puerto Rico
region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include MLPR, MAGUEYES ISLAN, CABO ROJO, etc.

Table with columns: CRPR, OBIP, OBIPADO PONCE, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Cabo Rojo, PR, Obispo Ponce.

Table with columns: OBIP, CELP, CELPADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Cerrillos, Obispo Ponce.

Table with columns: PRSN, LSP, LSPADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Las Mesas, Utuado, UPR, P.

Table with columns: PRSN, AOPR, AOPRADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Puerto Rico Se, Arecibo Observ.

Table with columns: PRSN, CRPR, CRPRADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Cabo Rojo, PR, Magueyes Islan.

Table with columns: PRSN, MLPR, MLPRADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Magueyes Islan, Cerrillos.

Table with columns: PRSN, CRPR, CRPRADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Cabo Rojo, PR, Magueyes Islan.

Table with columns: PRSN, CRPR, CRPRADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Cabo Rojo, PR, Utuado, UPR, P.

Table with columns: PRSN, LSP, LSPADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Las Mesas.

Table with columns: PRSN, AOPR, AOPRADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Arecibo Observ.

Table with columns: PRSN, CRPR, CRPRADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Cabo Rojo, PR, Utuado, UPR, P.

Table with columns: PRSN, LSP, LSPADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Las Mesas.

Table with columns: PRSN, AOPR, AOPRADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Arecibo Observ.

Table with columns: PRSN, CRPR, CRPRADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Cabo Rojo, PR, Utuado, UPR, P.

Table with columns: PRSN, LSP, LSPADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Las Mesas.

Table with columns: PRSN, AOPR, AOPRADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Arecibo Observ.

Table with columns: PRSN, CRPR, CRPRADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Cabo Rojo, PR, Utuado, UPR, P.

Table with columns: PRSN, LSP, LSPADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Las Mesas.

Table with columns: PRSN, AOPR, AOPRADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Arecibo Observ.

Table with columns: PRSN, CRPR, CRPRADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Cabo Rojo, PR, Utuado, UPR, P.

Table with columns: PRSN, LSP, LSPADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Las Mesas.

Table with columns: PRSN, AOPR, AOPRADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Arecibo Observ.

Table with columns: PRSN, CRPR, CRPRADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Cabo Rojo, PR, Utuado, UPR, P.

Table with columns: PRSN, LSP, LSPADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Las Mesas.

Table with columns: PRSN, AOPR, AOPRADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Arecibo Observ.

Table with columns: PRSN, CRPR, CRPRADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Cabo Rojo, PR, Utuado, UPR, P.

Table with columns: PRSN, LSP, LSPADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Las Mesas.

Table with columns: PRSN, AOPR, AOPRADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Arecibo Observ.

Table with columns: PRSN, CRPR, CRPRADO, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Rows include Cabo Rojo, PR, Utuado, UPR, P.

Table with columns: QMBU, QMBU, Rio Carpintero, Chivirico, Santo Domingo, SDV, SDV, SDV, ROSC, BOAV, JTS, JTS, JSC, T59A, GOGA, PAULI, 152A, T57A, R58B, BG3, BLA, APG, TKL, R55A, W50A, BLOK, W50A, LPAZ, TXAR, TXAR, PB16, VHRN, SCHQ, F33A, MNTX, ANMO, SKDC, PBL07, ULM, ULM, PDAR, CPUP, FCC, AC04, FRB, YKA, H10N3, H10N2, H10N1, H10S3, H10S2, ESDC, DBIC, DBIC, TORD, ILAR, GERES, ARCES, FINES, AKASG, AKASG, BRTR, BRTR, WMQ, WMQ, WMQ, HHC, PZH, CMAR, ASAR, WRA

Table with columns: ISK 07 18:53:57.7, NIC 07 18:53:58.0, GII 07 18:53:59.0, MWS2.8, confirmed, ISC 07 18:53:59.1, Code, Station Name, Az, Phase ID, Time, Res

Table with columns: IDC 07 18:55:07.4, NEIC 07 18:55:12.7, ISC 07 18:55:19.0, Code, Station Name, Az, Phase ID, Time, Res

Table with columns: MKAR, MAKZ, FORT, INKA, INKA, PETK, PETK, ZAL, ZAL, KURK, KURK, KURB, KURB, KKAR, BVAR, BORK, BORK, NRK, NRK, NRK, NRK, AB31, AB31, ABKAR, G16K, G16K, K17K, D19K, D19K, F20K, F20K, ILAR, ILAR, MMAI, BRTR

BGR 07 19:08:54.1, NEIC 07 19:08:58.9, NEIC 07 19:08:58.9, MOS 07 19:08:59.0, GFZ 07 19:08:59.0, RSNC 07 19:08:59.0, CATAC 07 19:08:59.0, SNET 07 19:09:00.1, GCMT 07 19:09:00.4, GCG 07 19:09:06.1, ISC 07 19:08:57.5, Code, Station Name, Az, Phase ID, Time, Res

Main data table with columns for station ID, name, frequency, and signal strength. Includes sub-sections for '2020 JAN' and '7d 19h'.

7d 19h

SMWD	Samnorwood	25.99	334	I	Amb	I	Amb	19 14 56.1
R50A	Paris	26.04	4	I	Amb	I	Amb	19 14 14.3
MNTX	Cornucopia	26.06	321	I	Amb	I	Amb	19 14 56.7
CCM	Cathedral Cave	26.09	351	p	P	p	P	19 14 12.1 0.0
CCM	Cathedral Cave	26.09	351	p	P	p	P	19 14 52.7 -1.1
CCM	Cathedral Cave	26.09	351	p	P	p	P	19 14 12.1 0.0
T35A	Sooner Cattle	26.20	342	I	Amb	I	Amb	19 14 14.6
MSTX	Muleshoe	26.26	328	I	Amb	I	Amb	19 15 04.6
CROK	Carrher	26.32	339	I	Amb	I	Amb	19 14 59.1
S57A	Dark Hollow, R	26.32	14	I	Amb	I	Amb	19 14 16.9
AMTX	Amarillo	26.46	331	I	Amb	I	Amb	19 15 00.4
R40A	Maddies Statio	26.48	350	I	Amb	I	Amb	19 14 16.9
SLM	Saint Louis	26.53	353	P	P	P	P	19 14 16.4 +0.3
SLM	Saint Louis	26.53	353	P	P	P	P	19 14 17.8
SLM	Saint Louis	26.53	353	P	P	P	P	19 14 16.4 +0.3
OK038	West end E0370	26.57	338	I	Amb	I	Amb	19 15 03.9
KAN01	Argonia South	26.82	340	I	Amb	I	Amb	19 15 04.0
BOAV	Boa Vista	27.51	109	I	Amb	I	Amb	19 14 26.0
BOAV	Boa Vista	27.51	109	e	P	P	P	19 14 21.0 -4.1
P40A	Paris	27.66	351	I	Amb	I	Amb	19 14 28.4
P38A	Dawn	28.01	348	P	P	P	P	19 14 29.4 +0.2
P38A	Dawn	28.01	348	P	P	P	P	19 15 09.5 -1.6
121A	Cookes Peak, D	28.13	319	I	Amb	I	Amb	19 14 32.1 +1.6
121A	Cookes Peak, D	28.13	319	I	Amb	I	Amb	19 14 34.4
RTBA	Rita Blanca	28.22	331	I	Amb	I	Amb	19 15 16.7
KSU1	Kansas State U	28.25	343	I	Amb	I	Amb	19 14 33.5
R32A	Long Quarter	28.29	339	I	Amb	I	Amb	19 14 33.4
BBSR	BB Station	28.34	41	P	P	P	P	19 14 32.8 +0.6
319A	Douglas	28.39	316	I	Amb	I	Amb	19 14 36.6
N47A	Urbana	28.57	1	I	Amb	I	Amb	19 14 35.4
Y22A	Socorro	28.57	323	P	P	P	P	19 14 35.6 +1.1
Y22A	Socorro	28.57	323	P	P	P	P	19 14 38.1
ANMO	Albuquerque	29.00	325	P	P	P	P	19 14 39.6 +1.4
ANMO	Albuquerque	29.00	325	P	P	P	P	19 15 19.3 -0.9
ANMO	Albuquerque	29.00	325	e	P	P	P	19 14 40.1 +1.9
TASM	ASL Pad, Albuq	29.00	325	I	Amb	I	Amb	19 14 41.5
TASM	ASL Pad, Albuq	29.00	325	I	Amb	I	Amb	19 14 41.5
TASM	ASL Pad, Albuq	29.00	325	I	Amb	I	Amb	19 14 41.5
CBKS	Cedar Bluff	29.00	338	I	Amb	I	Amb	19 15 35.4
WUPA	West Chester U	29.24	17	I	Amb	I	Amb	19 14 43.1
SSPA	Standing Stone	29.58	330	P	P	P	P	19 14 41.5 +0.8
T25A	Trinidad	29.58	330	I	Amb	I	Amb	19 15 33.7
M57A	Sunshine Farm,	30.16	14	I	Amb	I	Amb	19 14 49.4 +1.3
KSC0	Kaye Shedlock	30.30	335	I	Amb	I	Amb	19 14 51.8
SDCO	Great Sand Dun	30.39	330	I	Amb	I	Amb	19 14 55.3
X18A	Snowflake	30.80	320	I	Amb	I	Amb	19 14 57.9
N62A	Caumsett State	30.82	19	P	P	P	P	19 14 55.4 +1.5
W18A	Petrified Fore	31.05	321	I	Amb	I	Amb	19 15 00.1
S22A	4UR Ranch, Cre	31.27	328	I	Amb	I	Amb	19 15 46.0
MEDO	Medina	31.62	11	P	P	P	P	19 15 02.1 +1.1
MEDO	Medina	31.62	11	P	P	P	P	19 15 03.2
X16A	Lo Mia Camp, P	31.68	318	I	Amb	I	Amb	19 15 05.5
OGNE	Ogallala	31.72	337	I	Amb	I	Amb	19 15 05.9
UCCT	U. Connecticut	32.00	20	P	P	P	P	19 15 05.0 +0.6
WUAZ	Wupaki	32.03	320	I	Amb	I	Amb	19 15 11.3
ECSD	EROS Data Cent	32.61	346	I	Amb	I	Amb	19 15 10.5
L64A	Middleborough	32.62	322	I	Amb	I	Amb	19 15 14.6
PV02	Paradox Valley	32.62	326	I	Amb	I	Amb	19 16 00.2
PECO	Prince Edward	32.66	13	P	P	P	P	19 15 10.4 +0.4
PV03	Paradox Valley	32.71	326	I	Amb	I	Amb	19 15 12.6 +1.8
PV03	Paradox Valley	32.71	326	I	Amb	I	Amb	19 15 13.7
PV03	Paradox Valley	32.72	326	p	P	p	P	19 15 53.0 -0.2
PV12	Saucer Basin,	32.73	326	I	Amb	I	Amb	19 15 14.1
PV18	Skein Mesa, Pa	32.74	326	I	Amb	I	Amb	19 15 13.9
PV11	David Mesa, Pa	32.76	326	I	Amb	I	Amb	19 15 14.1
PV16	Nyswonger Mesa	32.79	326	I	Amb	I	Amb	19 15 14.3
PV17	East Wray Mesa	32.79	326	I	Amb	I	Amb	19 15 14.3
PV19	Morning Glory	32.83	326	I	Amb	I	Amb	19 15 14.5
WES	Weston	32.84	21	I	Amb	I	Amb	19 15 14.5
PV20	West Nyswonger	32.84	326	I	Amb	I	Amb	19 15 14.6
BCX	Boston College	32.85	21	I	Amb	I	Amb	19 15 14.7
PV04	Paradox Valley	32.85	326	I	Amb	I	Amb	19 16 01.8
HRV	Adam Dziewonski	32.86	21	P	P	P	P	19 15 12.7 +0.9
HRV	Adam Dziewonski	32.86	21	P	P	P	P	19 15 14.7
HRV	Adam Dziewonski	32.86	21	P	P	P	P	19 15 12.7 +0.9
HRV	Adam Dziewonski	32.86	21	P	P	P	P	19 15 13.6 +1.9
HRV	Adam Dziewonski	32.86	21	P	P	P	P	19 15 5.3 +0.9
HRV	Adam Dziewonski	32.86	21	P	P	P	P	19 16 18.3 0.0
PV22	Blue Mesa, Par	32.88	327	I	Amb	I	Amb	19 15 15.5
PV14	Lion Creek, Pa	32.90	326	I	Amb	I	Amb	19 15 15.1
PV10	Paradox Valley	32.91	326	I	Amb	I	Amb	19 15 14.7
PV23	Carpenter Ridge	32.95	326	I	Amb	I	Amb	19 16 02.9
DELO	Deloro Mine	33.09	12	I	Amb	I	Amb	19 15 16.3
G40A	Rib Lake	33.10	355	P	P	P	P	19 15 13.6 -0.2
GLA	Glamis	33.20	313	I	Amb	I	Amb	19 15 15.5 +0.5
GLA	Glamis	33.20	313	I	Amb	I	Amb	19 15 18.7
GLA	Glamis	33.20	313	P	P	P	P	19 15 15.5 +0.5
F42A	Maple Grove Fa	33.47	358	I	Amb	I	Amb	19 15 17.7
U15A	North Rim	33.48	320	I	Amb	I	Amb	19 15 21.6
HMU	Henry Mountain	33.55	324	I	Amb	I	Amb	19 15 21.7
LPAZ	La Paz	33.63	147	P	P	P	P	19 15 20.4 +0.9
LPAZ	La Paz	33.63	147	P	P	P	P	19 15 21.9
LPAZ	La Paz	33.63	147	e	P	P	P	19 15 20.7 +1.3
LPAZ	La Paz	33.63	147	I	Amb	I	Amb	19 15 23.5

2020 JAN

W13A	Hualapai Mount	33.70	317	I	Amb	I	Amb	19 15 23.3
YUH	Yuh Desert	33.78	312	P	P	P	P	19 15 21.4 +1.4
O20A	White River Ci	33.79	329	I	Amb	I	Amb	19 15 08.5
LONY	Lake Ozonia	33.88	15	P	P	P	P	19 15 21.5 +1.0
NEE2	Needles Airpor	34.00	316	I	Amb	I	Amb	19 15 25.2
PB18	Visivri	34.04	150	P	P	P	P	19 15 23.7 +0.9
PB18	Visivri	34.04	150	P	P	P	P	19 15 50.8
E46A	Sault Ste Mari	34.10	3	I	Amb	I	Amb	19 15 23.7
VT1	Waterbury	34.12	18	I	Amb	I	Amb	19 15 25.7
PKCU	Pink Cliffs	34.14	322	I	Amb	I	Amb	19 15 27.5
KNB	Kanab	34.18	321	I	Amb	I	Amb	19 15 27.5
SRU	San Rafael Swe	34.24	326	I	Amb	I	Amb	19 15 26.8
DANC	Danby, Needles	34.45	315	I	Amb	I	Amb	19 15 29.6
P18A	Preston Nutmer	34.46	327	I	Amb	I	Amb	19 16 15.9
Q16A	Castle Valley	34.47	325	I	Amb	I	Amb	19 16 13.2
PB12	IPOC Station P	34.52	152	P	P	P	P	19 15 27.3 +0.8
PB12	IPOC Station P	34.52	152	P	P	P	P	19 15 29.3
P17A	Butcher Ranch,	34.62	326	I	Amb	I	Amb	19 16 17.0
PFO	Pinyon Flats O	34.66	313	P	P	P	P	19 15 29.4 +1.8
PFO	Pinyon Flats O	34.66	313	e	P	P	P	19 15 29.9 +2.3
PB16	IPOC Station P	34.66	151	P	P	P	P	19 15 29.7 +1.4
PB16	IPOC Station P	34.66	151	P	P	P	P	19 15 33.4
SZCU	Shurtz Canyon	34.71	321	I	Amb	I	Amb	19 16 15.2
ITTB	Italtui	34.73	116	e	P	P	P	19 15 26.8 -1.4
H62A	Milan	34.83	19	I	Amb	I	Amb	19 15 31.5
TCRU	Three Creeks R	34.99	323	I	Amb	I	Amb	19 15 34.0
RSSD	Black Hills	35.20	338	p	P			
RSSD	Black Hills	35.20	338	p	P			
RSSD	Black Hills	35.20	338	p	P			
MPU	Maple Canyon	35.49	326	I	Amb	I	Amb	19 15 38.3
PB11	IPOC Station P	35.83	152	P	P	P	P	19 15 38.8 +1.1
PB11	IPOC Station P	35.83	152	P	P	P	P	19 15 40.9
EYMN	Ely	35.87	354	I	Amb	I	Amb	19 15 38.1
GO01	Chusmiza	35.96	152	I	Amb	I	Amb	19 15 43.2
CTU	Camp Tracy	36.02	327	I	Amb	I	Amb	19 15 42.3
VILB	Vilhena	36.12	133	P	P	P	P	19 15 39.2 -0.9
VILB	Vilhena	36.12	133	P	P	P	P	19 15 41.5
VILB	Vilhena	36.12	133	e	P			
TCUT	Toone Canyon	36.15	327	I	Amb	I	Amb	19 15 43.6
HMBC	Humberstone	36.18	153	I	Amb	I	Amb	19 15 51.1
EMMW	East Mountain	36.26	23	I	Amb	I	Amb	19 15 43.7
CCCA	Chr Cany Lake	36.29	315	I	Amb	I	Amb	19 15 45.3
E28A	Hut	36.30	343	I	Amb	I	Amb	19 15 42.6
TA01	Diego Arcarena	36.30	154	I	Amb	I	Amb	19 15 45.0
TPNV	Topopah Spring	36.33	318	I	Amb	I	Amb	19 15 46.0
NPGB	Novo Progresso	36.38	120	e	P	P	P	19 15 39.4 -3.0
PB08	IPOC Station P	36.39	152	I	Amb	I	Amb	19 15 46.4
S11A	Rache	36.41	319	I	Amb	I	Amb	19 16 33

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like Saint Sauveur, Waferdange, Heigoland, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like Wattenberg, Villasaito, Zocca, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like AKASG, AKASA, VNA3, etc.

BJJ 07 19:11:29.6, 5:60S:151:87E, h130km, mB6.0/74, mb5.4/92
MOS 07 19:11:34.5, 1:1, 5:06S:151:16E, h120km, mb5.4/37,
MS5.2/4, Error ellipse: s-maj=8.5km s-min=5.1km
az=105.7
NEIC 07 19:11:35.7, 2.1, 5:21S:0:05m151:27E:0:05, h117km, 1km,
mb5.6/490, Mw6.0/121, Mw6.0/36, Error ellipse:
s-maj=11.7km s-min=4.0km az=134.0, Moment Tensor
Solution. Moment tensor: Scale 1018Nm; Mr=0.20;
Mss0.10; Mss1.0; Ms0-0.99; Mss1.0; Msr-0.31; Fault
plane solution: Mo:1.06000e+1018 NP1:0.201630000,
s8.170000, l-139.750000. NP2:0.7166000, s84.730000,
l-83.750000. Principal axes: T 1.0493, P139.00000,
Azml156.00000; N 0.0190, P166.00000, Azm251.00000; P
1.0693, P165.00000, Azm349.00000;
IDC 07 19:11:35.5, 0.5, 5:28S:151:29E, h124km, 3km, mb5.2/25,
mbtm5.6/27, MS4.8/44 Error ellipse: s-maj=11.3km
s-min=6.7km az=105.0
NEIC 07 19:11:35.8, 5:16S:151:22E, h116km
IGP7 07 19:11:35.0, 5:16S:151:22E, h119km, Mw6.0, Fault plane
solution: NP1:0.20400000, s17.000000, l-134.000000.
NP2:0.69000000, s78.000000, l-78.000000.
NEIC 07 19:11:35.8, 5:16S:151:16E, h120km, Moment Tensor
Solution. Duration: 4.69 Moment tensor: Scale 1018Nm;
Mr=0.10; Mss0-0.08; Mss0.18; Mss1-0.00; Mss2.07; Msr-0.36;
Fault plane solution: Mo:1.10000e+1018 NP1:
0.67070000, s15.420000, l-169.780000. NP2:
0.70150000, s87.040000, l-74.860000. Principal axes: T
1.1202, P14.00000, Azm146.00000; N -0.0228,
P15.00000, Azm249.00000; P -1.0974, P16.0431,
Azml36.00000;
NEIC 07 19:11:36.5, 5:13S:151:22E, h116km
DJA 07 19:11:37.0, 5:5, 5:2, 151:1E, l, h128km, 4km, M5.7/108,
mb5.6/108, mB6.0/85, MLV7.4/1, Mw(mB)5.6/85,
MwMwp5.6/64, Mwp5.7/64
GCMT 07 19:11:38.7, 0.1, 5:28S:151:18E, h121km, Mw6.0/161,
Moment Tensor Solution. s151, c338, s161, c542;
Duration: 2.84 Moment tensor: Scale 1018Nm;
Mr=0.16; 01: Mss-0.07; 01: Mss-0.23; 01: Mss-1.07; 01:
Mss-0.27; 01: Msr-0.35; 01: Best double couple;
Mo:1.17700e+1018 NP1:0.17400000, s16.000000,
l-166.000000. NP2:0.70000000, s86.000000,
l-175.000000. Principal axes: T 1.1630, P139.00000,
Azml146.00000; N 0.0290, P15.00000, Azm249.00000; P
-1.1920, P14.00000, Azm356.00000; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface/mantle
waves, cutoff=50s. Triangular moment-rate function
GFZ 07 19:11:39.9, 5:21S:151:11E, h134km, Mw5.9, Moment

Tensor Solution. s91 Moment tensor: M1=0.37; M2=0.32; M3=0.69; M4=0.10; M5=2.83; M6=1.68; Fault plane solution: NP1=175.000000; 6.170000; lambda=174.000000; NP2=80.000000; 6.880000; lambda=72.000000; Principal axes: T 9.8600, Plg14.0000; Azm154.0000; N -0.3500, Plg17.0000; Azm260.0000; P -9.5100, Plg44.0000; Azm7.0000; ISC 07:19:11:35.8,0.2,5.20S,0.03,151.25E,0.03,h127km,1km, h128km;p-P,n,1425,e1961/1450,mb5.6/486,23C-73D,

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists various stations like RABUL, MANU, PMG, etc.

Table with columns: WRA, PKIKP, PKIKP, Time, Res. Lists stations like WARRAMUNGA ARR, WARRAMUNGA ARR, etc.

Table with columns: MRSI, Marisa, 29.81 280, P, P, 19 17 31.3 +0.2. Lists stations like AUDAR, CNB, AUHUS, etc.

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Trend, Elevation Trend, Azimuth Stability, Elevation Stability, Azimuth Consistency, Elevation Consistency, Azimuth Reliability, Elevation Reliability, Azimuth Validity, Elevation Validity, Azimuth Usability, Elevation Usability, Azimuth Suitability, Elevation Suitability, Azimuth Feasibility, Elevation Feasibility, Azimuth Viability, Elevation Viability, Azimuth Availability, Elevation Availability, Azimuth Accessibility, Elevation Accessibility, Azimuth Inaccessibility, Elevation Inaccessibility, Azimuth Unavailability, Elevation Unavailability, Azimuth Inaccessibility, Elevation Inaccessibility, Azimuth Unavailability, Elevation Unavailability.

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 Trend, Elevation Trend, Azimuth Stability, Elevation Stability, Azimuth Consistency, Elevation Consistency, Azimuth Reliability, Elevation Reliability, Azimuth Validity, Elevation Validity, Azimuth Usability, Elevation Usability, Azimuth Suitability, Elevation Suitability, Azimuth Feasibility, Elevation Feasibility, Azimuth Viability, Elevation Viability, Azimuth Availability, Elevation Availability, Azimuth Accessibility, Elevation Accessibility, Azimuth Inaccessibility, Elevation Inaccessibility, Azimuth Unavailability, Elevation Unavailability.

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 Trend, Elevation Trend, Azimuth Stability, Elevation Stability, Azimuth Consistency, Elevation Consistency, Azimuth Reliability, Elevation Reliability, Azimuth Validity, Elevation Validity, Azimuth Usability, Elevation Usability, Azimuth Suitability, Elevation Suitability, Azimuth Feasibility, Elevation Feasibility, Azimuth Viability, Elevation Viability, Azimuth Availability, Elevation Availability, Azimuth Accessibility, Elevation Accessibility, Azimuth Inaccessibility, Elevation Inaccessibility, Azimuth Unavailability, Elevation Unavailability.

STVH Taoyuan 2.03 215 eP Pg 19 14 11.7 -0.7
JISG Ishigakijimahi 2.07 97 eP Pn 19 14 04.5 -3.4

RSPR 07 19:17:22.9, 17.88N-66.87W, h7km, MD2.4/8
NEIC 07 19:17:21.1, 1.2, 17.80N-0.04-66.831W-0.009,
h10km, 2km, ML2.7/22, Md2.4/8(RSPR), SC-4D, Error
ellipse: s-maj=6.6km s-min=3.0km az=357.0, Puerto
Rico region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like MLPR Magueyes Islan, OBIP Obispado Ponce, CRPR Cabo Rojo, PR, etc.

NEIC 07 19:21:13.5, 1.6, 17.90N-0.03-66.78W-0.01, h10km, 1km,
ML3.1/24, Md2.9/9(RSPR), Error ellipse: s-maj=5.8km
s-min=2.9km az=174.0

RSPR 07 19:21:15.0, 1.0, 17.98N-66.82W, h9km, 1km, MD2.9/9
ISC 07 19:21:14.1, 1.1, 17.96N-0.05-66.81W-0.02, h19km, 2km,
n30, 0.830/45, 8C-1D, Puerto Rico region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, etc.

DR12 Loma Pena Alta 2.58 289 Pn Pn 19 21 55.2 +0.3

IDC 07 19:21:59.3, 1.6, 36.12N-139.98E, h64km, 15km, mb3.8/12,
mbmp4.0/16, Error ellipse: s-maj=23.0km s-min=10.3km
az=76.0

NEIC 07 19:21:59.6, 1.5, 36.13N-0.05-139.92E-0.08, h64km, 7km,
mb4.4/16, Error ellipse: s-maj=9.5km s-min=7.4km
az=70.0

JMA 07 19:22:00.1, 0.1, 36.11N-0.3-139.8E-0.3, h51km, MV3.9/37,
SW IBARAKI PREF
JMA Felt II J1 at SW IBARAKI PREF
ISC 07 19:21:59.0, 0.8, 36.15N-0.04-139.90E-0.05, h60km, 7km,
n64, 0.126/74, mb4.2/18, 6D, Eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like DR12 Loma Pena Alta, IDC 07, NEIC 07, JMA 07, etc.

RSPR 07 19:32:59.1, 18.03N-66.81W, h10km, 1km, MD2.5/8
NEIC 07 19:32:58.7, 1.4, 18.02N-0.04-66.79W-0.01, h10km, 1km,
ML2.9/26, Md2.6/8(RSPR), 9C, Error ellipse:
s-maj=6.1km s-min=2.9km az=168.0, Puerto Rico
region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, etc.

CRPR Cabo Rojo, PR 0.30 268 Pg 19 33 04.6 -0.3
CRPR Cabo Rojo, PR 0.30 268 IAML Pg 19 33 08.9 0.0

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like CRPR Cabo Rojo, PR, LSP Las Mesas, etc.

NEIC 07 19:50:22.9, 1.1, 17.84N-0.03-66.807W-0.007,
h10km, 2km, ML3.3/24, Md2.7/8(RSPR), Error ellipse:
s-maj=5.1km s-min=3.0km az=4.0

RSPR 07 19:50:24.6, 1.7, 19.4N-66.82W, h8km, 1km, MD2.7/8
ISC 07 19:50:23.4, 1.3, 17.89N-0.06-66.82W-0.02, h23km, n31,
0.652/44, 6C-3D, Puerto Rico region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like MLPR Magueyes Islan, CRPR Cabo Rojo, PR, etc.

IDC 07 19:58:54.1, 1.0, 17.97N-66.89W, h0km, mb3.6/6,
mbmp3.8/7, ML3.3/1, MS3.4/1, Error ellipse: s-maj=24.9km
s-min=9.5km az=174.0

NEIC 07 19:58:55.8, 0.5, 17.93N-0.03-66.83W-0.01, h18km, 1km,
mb4.2/14, ML4.2/30, ML3.5/7(RSPR), Error ellipse:
s-maj=3.9km s-min=1.9km az=181.0

SDD 07 19:58:55.9, 1.8, 17.90N-66.82W, h20km, 12km, MD3.7,
ML3.8, MV3.9, Presumed earthquake
RSPR 07 19:58:56.5, 1.7, 19.2N-66.83W, h8km, 1km, MD3.3/7
ISC 07 19:58:55.0, 0.7, 17.90N-0.03-66.83W-0.02, h18km, 2km,
n90, 0.127/112, mb4.1/11, 8C-10D, Puerto Rico region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like MLPR Magueyes Islan, CRPR Cabo Rojo, PR, etc.

7d 20h

2020 JAN

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters for various stations.

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Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Esperanza - Ma, Aguadilla, PR, Guaynabo City, etc.

RSPR 07 20:17:08.8, 17.85N-66.90W, h14km, 3C-1D, Puerto Rico region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Magueyes Islan, Cabo Rojo, PR, Obispo Ponce, Las Mesas, etc.

NEIC 07 20:18:02.5.1.1, 17.89N-0.03-66.92W, 0.02, h10km, 2km, ML2.5/20, Error ellipse: s-maj=5.3km s-min=3.0km az=19.0

RSPR 07 20:18:02.0.1.2, 17.89N-0.06-66.93W, 0.03, h18km, 5km, n21, c0511/36, 7C, Puerto Rico region

Large table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Magueyes Islan, Cabo Rojo, PR, Obispo Ponce, Las Mesas, Cerrillos, etc.

RSPR 07 20:18:24.4, 17.95N-66.74W, h13km, 1km, 5C, Puerto Rico region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Obispo Ponce, Magueyes Islan, Cabo Rojo, PR, etc.

NEIC 07 20:19:02.2.0.8, 17.91N-0.07-66.93W, 0.05, h18km, 2km, ML3.4/22, Error ellipse: s-maj=11.0km s-min=5.6km az=199.0

RSPR 07 20:19:03.6, 17.97N-66.92W, h3km, 1km, MD3.0/5

ISC 07 20:19:01.8.1.3, 17.91N-0.06-66.92W, 0.02, h17km, 6km, n25, c0631/44, 7C-2D, Puerto Rico region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Obispo Ponce, Magueyes Islan, Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Arecibo Observ, Aguadilla, PR, Guaynabo City, etc.

NEIC 07 20:14.5.1.8, 2.18N-0.06-124.16E, 0.06, h294km, 6km, mb4.4/89, Error ellipse: s-maj=9.4km s-min=6.7km az=93.0

DJA 07 20:20:15.3.0.2.2.N.3.12.4E.1, h295km, 2km, M4.5/33, mb4.5/33, mB5.0/6, MLV4.8/15, Mw(mB)4.3/6

ICD 07 20:20:17.4.1.7.2.13N-124.26E, h333km, 17km, mb3.8/18, mtmfp4.5/20, Error ellipse: s-maj=23.6km s-min=6.7km az=72.0

ISC 07 20:20:16.3.0.3.2.13N-104.124.18E, 0.05, h323km, n215, c1865/222, mb4.2/56, Celebes Sea

Large table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Sangihe, Mariga, Luwuk, Ternate, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KLSI, Pinlang, MDSI, KASI, etc.

NEIC 07 20:19.02.2.0.8, 17.91N-0.07-66.93W, 0.05, h18km, 2km, ML3.4/22, Error ellipse: s-maj=11.0km s-min=5.6km az=199.0

RSPR 07 20:19:03.6, 17.97N-66.92W, h3km, 1km, MD3.0/5

ISC 07 20:19:01.8.1.3, 17.91N-0.06-66.92W, 0.02, h17km, 6km, n25, c0631/44, 7C-2D, Puerto Rico region

Large table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KLSI, Pinlang, MDSI, KASI, etc.

2020 JAN

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes entries like TBG Guadalupe-3, DBA Terre de Bas, GRTK Grand Turk, MAGL Barre de l'île, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes entries like I14CL ROBINSON CRUSOE, I20EC Galapagos, I13CL EASTER ISLAND, FUNUV 07 21:12:51.3, 12.611N:73.06W, h24km, MW3.7, Presumed earthquake, KRSC 07 21:13:03.0, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h, m, s, ISC. Includes entries like PACA Hacienda Flor, EL11 Matagalpa, MATN Matagalpa, RCON San Juan de Ri, RCVN Varilla, YUSH Yucararan, SJA 07 21:22:56.9, SJA 07 21:25:42.0, GUC 07 21:25:43.3, etc.

IDC 07 20:39:30.3, 88.2, 20°33'S, 69°04'W, h0km, Error ellipse: s-maj=423.6km s-min=189.3km az=84.0, Northern Chile

IDC 07 21:13:03.0, 16.1, 52°39'N, 160°16'E, h50km, 19km, M1.4, Error ellipse: s-maj=3.3km s-min=23.7km az=129.0

7d 21h

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

Table for RSPR 07 21:26:03.0, 17.98N-66.35W, h3km, 1km, MD2.1, 3C, 7C, Puerto Rico region. Includes stations like Maguieyes Islan, Obispo Ponce, Cabo Rojo, etc.

Table for RSPR 07 21:26:47.5, 17.95N-66.78W, h8km, 2km. Includes stations like Obispo Ponce, Cerrillos, Las Mesas, etc.

Large table for RSPR 07 21:26:55.4, 18.05N-66.76W, h10km, 1km, 1M2.6/21, 7C-2D, Error ellipse: s-maj=6.6km. Contains many station entries with their respective parameters.

Table for RSPR 07 21:30:58.5, 17.98N-66.76W, h9km, 1km. Includes stations like Obispo Ponce, Cerrillos, Maguieyes Islan, etc.

Large table for RSPR 07 21:30:57.1, 17.91N-66.73W, h17km, 2km, 1M2.6/26, ML2.4(RSPR), 5C-4D, Error ellipse: s-maj=2.9km. Contains many station entries.

2020 JAN

Table for EMPR comp=E,368nm,0.4s. Includes stations like Esperanza - Ma, Aguadilla, PR, Guaynabo City, etc.

Text block containing coordinates and error ellipse information: IDC 07 21:31:07.1, 1.6, 13.38N-88.20W, h0km, mb3.8/5, etc.

Large table for EMPR comp=E,148nm,0.2s. Includes stations like LOMA Pena Alta, LAL, LOMA Larga, etc.

Table for SAPS Ciudad Sandino. Includes stations like Volcan Apoyequ, Apoyequ, etc.

Table for CCIG comp=E,11um,0.1s. Includes stations like Universidad Ur, Juan Diaz, etc.

Table for JTS comp=E,5.5nm,0.3s, baz=290, slow=24, SNR=4.0. Includes stations like JTS, JTS, etc.

Table for TEIG Tepich. Includes stations like Tepich, PIRP, etc.

Table for SDV Santo Domingo. Includes stations like Santo Domingo, JCV, etc.

Table for WHTX Lake Whitney. Includes stations like Lake Whitney, OZNA, etc.

Table for TXAR Lajas Arroyo. Includes stations like Lajas Arroyo, MNHN, etc.

Table for APMT Aspermont. Includes stations like Aspermont, Tuckaleechee C, etc.

Table for ANMO Albuquerque. Includes stations like Albuquerque, PV03, etc.

Table for SADO Sadova. Includes stations like Sadova, PDAR, etc.

Table for PDAR Pinedale Array. Includes stations like Pinedale Array, PDAR, etc.

Table for LPAZ La Paz. Includes stations like La Paz, NVAR, etc.

Table for NVAR Mina Arroy Bay. Includes stations like Mina Arroy Bay, NVAR, etc.

Table for YKA Yellowknife Ar. Includes stations like Yellowknife Ar, YKA, etc.

Table for FRB Froisher Bay. Includes stations like Froisher Bay, FRB, etc.

Table for ILON Ilogoilik, Nasa. Includes stations like Ilogoilik, Nasa, etc.

Table for G31M Satah River. Includes stations like Satah River, G31M, etc.

Table for RES Resolute Bay. Includes stations like Resolute Bay, RES, etc.

Table for INK Inuvik. Includes stations like Inuvik, INK, etc.

NEIC 07 21:35:39.3±1.3, 17.97N±0.03±66.77W±0.01, h10km±1km, ML3.7/28, Md2.9(9)(RSPR), Error ellipse: s-maj=5.2km

s-min=2.9km az=350.0 RSPR 07 21:35:40.3, 18.02N±66.81W, h10km±1km, MD2.9/9 ISC 07 21:35:39.2±1.0, 17.99N±0.04±66.80W±0.02, h23km±6km, n46, ±0.63/53, 6C-3D, Puerto Rico region

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Obispo Ponce, Cerrillos, Maguëyes Islan, etc.

NEIC 07 21:43:08.7±1.2, 17.91N±0.04±66.71W±0.007, h8km±7km, ML3.2/24, ML2.8(RSPR), Error ellipse: s-maj=6.3km

s-min=0.7km az=173.0 RSPR 07 21:43:09.3, 17.95N±66.72W, h7km±1km, MD2.9/9 ISC 07 21:43:09.2±1.2, 17.95N±0.05±66.72W±0.02, h14km±7km, n29, ±0.50/44, 7C-2D, Puerto Rico region

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Obispo Ponce, Cerrillos, Maguëyes Islan, etc.

Table with columns: EMPR, Station Name, Δ° AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like San Juan, Guaynabo City, Isla Desecheo, etc.

WEL 07 21:47:16.8±0.3, 38.38°S±2°17'7E±, h5km, M3.5/73, ML3.8/18, MLV3.5/73, Error ellipse: s-maj=3.1km

s-min=2.3km az=37.0, confirmed WEL 07 21:47:16.8, 38°17'S±176.98E, h6km, ML3.5, Mw3.4, Moment Tensor Solution, s5 Moment tensor: Scale 10^14 Nm; Mn-0.94; Mw-1.41; Mw-0.46; Mo-0.16; Mo-1.07

Mw-0.47; Fault plane solution: M1: 63000x10^14 NP1: φ=32.0000°, δ=139.0000°, NPF2: φ=282.0000°, δ=34.0000°, 32.0000° Principal axes: T 1.9330, P1g/0.0000, Azm155.0000°, N-0.6060, P1g44.0000°, Azm58.0000°; P-1.3270, P1g46.0000°, Azm252.0000°; Stations used: RTZ MWZ HAZ BKZ TOZ

OBLIQUE-NORMAL FAULTING NOU 07 21:47:17.3, 38°20'S±177.06E, h9km, MLV3.6/12, North Island, New Zealand ISC 07 21:47:16.7±0.8, 38°15'S±0.02±176.96E±0.02, h11km±6km, n121, ±0.66/129, North Island

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Urewera, Edgecumbe, Whakatane High, etc.

Table with columns: PRWZ, Station Name, Δ° AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Pori Road, Pukeiti, Kahui Hut, etc.

AZER 07 21:49:44.4, 38°65'N±45°42'E, h10km, ml2.7 TEH 07 21:49:45.2, 38°57'N±45°47'E, h14km±7km, ML2.7, Presumed earthquake

ISC 07 21:49:45.5±1.1, 38°62'N±0.03±45°49'E±0.03, h11km±10km, n28, ±0.95/46, Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Marand, Shabestar, Ordubad, etc.

RSPR 07 21:51:13.3, 18.02N±66.83W, h27km±4km, 1C-2D, Puerto Rico region

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Maguëyes Islan, Obispo Ponce, Cabo Rojo, PR, etc.

RSPR 07 21:51:36.6, 17°96'N±66.78W, h8km±2km, MD2.6/6 NEIC 07 21:51:35.7±1.0, 17.93N±0.03±66.75W±0.01, h10km±1km, ML2.5/23, 1C-3D, Error ellipse: s-maj=5.0km

s-min=2.9km az=5.0, Puerto Rico region

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Obispo Ponce, Cerrillos, Maguëyes Islan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Estacion Bilba, Ulba Tungurahua, Playas El Morr, etc.

IDC 07 22:47:58.8-0.7, 1.56S, 99.31E, h0km, mb4.3/16, mtbpm4.2/18, ML3.3/1, MS3.6/5, Error ellipse: s-maj=29.6km s-min=14.7km az=58.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Padang, Pulau Pagai, Padang Panjang, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like Prapat, Manna, Sinabang, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like KLSI, KASI, MSLI, KULM, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like BUR08, FINES, ARCES, etc.

RSPR 07 22:54:22.0, 17.91N, 66.66W, h5km, NEIC 07 22:54:22.6, 1.2, 17.94N, 0.003, 66.66W, 0.010, h10km, 11km, ML2.5/24, ML2.3(RSPR), 8C-1D, Error ellipse: s-maj=9.9km s-min=2.8km az=12.0, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like OBIP, UUPR, CRPR, etc.

NNC 07 23:01:58.6:6.1, 41.44'N:84.34'E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=46.0km s-min=28.1km az=150.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include stations like SHLS, PDGK, UZB, etc.

7d 23h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAKZ, ZSN, AAK, KURBB, KURK, ZALV, BVAR, SONM, CMAR, TORD.

RSPR 07 23:04:43.1, 18.02N.66.79W, h10km, 1km, MD2.3/8
NEIC 07 23:04:42.9-1.9, 18.00N.0.02-66.78W.0.01, h10km, 1km,
ML2.1/24, MD2.3(8), RSPR, 7C-1D, Error ellipse:
s-maj=3.1km s-min=3.0km az=161.0, Puerto Rico region

Main table for Puerto Rico region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBIP, MLPR, UUPR, CRPR, LSP, AOPR, PRSN, EMPR, AGPR, SJG, HUMP, DR12.

RSPR 07 23:05:32.9, 17.97N.66.78W, h8km, 12km, 1C-2D, Puerto Rico region

Table for Puerto Rico region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBIP, CRPR, LSP, AOPR.

NEIC 07 23:05:36.5-1.8, 17.86N.0.04-66.80W.0.0009,
h10km, 2km, ML2.5/23, Error ellipse: s-maj=6.2km
s-min=3.0km az=5.0, Puerto Rico region

Table for Puerto Rico region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBIP, CELP, HUMP, DR12.

2020 JAN

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CRPR, UUPR, PRSN, AOPR, EMPR, AGPR, SJG, HUMP, DR12.

RSPR 07 23:10:17.9, 17.93N.66.82W, h7km, 1km
NEIC 07 23:10:17.6-0.7, 17.92N.0.04-66.803W.0.0005,
h10km, 2km, ML3.0/24, ML2.0(4), RSPR, 6C-5D, Error ellipse:
s-maj=6.0km s-min=3.0km az=1.0, Puerto Rico region

Main table for Puerto Rico region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBIP, MLPR, UUPR, CRPR, LSP, AOPR, PRSN, EMPR, AGPR, SJG, HUMP, DR12.

RSPR 07 23:20:28.7, 17.95N.66.82W, h13km, 1km, MD2.2/3, 3C-1D, Puerto Rico region

Table for Puerto Rico region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLPR, OBIP, LSP, PRSN.

RSPR 07 23:21:02.4, 18.01N.66.83W, h9km, 1km
NEIC 07 23:21:02.1-1.1, 18.01N.0.03-66.83W.0.01, h10km, 1km,
ML3.3/21, 3C-6D, Error ellipse: s-maj=4.3km
s-min=2.9km az=181.0, Puerto Rico region

Main table for Puerto Rico region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLPR, OBIP, CELP, HUMP, DR12.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CRPR, UUPR, LSP, AOPR, PRSN, EMPR, AGPR, SJG, HUMP, DR12.

IDC 07 23:21:41.3-2.1, 17.27S.128.84E, h0km, mb3.7/1,
mbtmp3.4/3, ML3.4/2, Error ellipse: s-maj=135.8km
s-min=32.3km az=66.0, Banda Sea

Table for Banda Sea with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA, ASAR, MKAR.

RSPR 07 23:31:02.7, 17.97N.66.85W, h8km, 1km, 4C-2D, Puerto Rico region

Table for Puerto Rico region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLPR, OBIP, CRPR, LSP, PRSN, AOPR.

NEIC 07 23:31:07.5-1.5, 17.99N.0.03-66.749W.0.0008,
h10km, 1km, ML2.5/23, Error ellipse: s-maj=4.8km
s-min=2.8km az=6.0

RSPR 07 23:31:08.1, 18.02N.66.78W, h5km, 2km, MD2.6/6, 6C, Puerto Rico region

Main table for Puerto Rico region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBIP, CRPR, LSP, AOPR, PRSN, EMPR, AGPR, SJG, HUMP, DR12.

RSPR 07 23:31:02.7, 17.97N.66.85W, h8km, 1km, 4C-2D, Puerto Rico region

Table for Puerto Rico region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBIP, CRPR, LSP, AOPR, PRSN, EMPR, AGPR, SJG, HUMP, DR12.

RSPR 07 23:31:02.7, 17.97N.66.85W, h8km, 1km, 4C-2D, Puerto Rico region

Main table for Puerto Rico region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBIP, CRPR, LSP, AOPR, PRSN, EMPR, AGPR, SJG, HUMP, DR12.

IDC 07 23:34:39.6-8.6, 7.04S.130.24E, h343km, 101km, mb2.8/2,

mbtm3.6/4, Error ellipse: s-maj=129.9km s-min=34.0km az=74.0, Tanimbar Islands region

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

RSRP 07 23:35:24.3, 17.94N-66.86W, h17km, 5C, Puerto Rico region. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

RSRP 07 23:35:55.0, 17.94N-66.84W, h7km, MD2.3/9 NEIC 07 23:35:54.1-0.7, 17.90N-0.03-66.82W-0.01, h10km, 2km, ML2.5/23.5C-3D, Error ellipse: s-maj=4.7km s-min=3.0km az=12.0, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MLPR Magueyes Islan, CRPR Cabo Rojo, and others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRPR Cabo Rojo, UUPR Utuado, and others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PRSN Puerto Rico Se, AOPR Arcibo Observ, and others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AOPR Arcibo Observ, AGPR Aguadilla, and others.

NEIC 07 23:38:24.8-1.6, 17.91N-0.01-66.87W-0.01, h10km, 2km, ML3.0/24, ML2.0(RSPR), Error ellipse: s-maj=3.3km s-min=2.1km az=341.0

RSRP 07 23:38:25.6, 17.96N-66.91W, h8km NEIC 07 23:38:25.1-1.2, 17.93N-0.05-66.89W-0.02, h14km, 2km, n26, +057/49, 4C-5D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MLPR Magueyes Islan, CRPR Cabo Rojo, and others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OBIP Obispado Ponce, UUPR Utuado, and others.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AGPR Aguadilla, ECPR Experimental S, and others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GCPR Guaynabo City, HUMP Col San Antoni, and others.

RSRP 07 23:42:02.1, 17.92N-66.92W, h8km, MD2.3/4 NEIC 07 23:42:01.7-0.9, 17.91N-0.03-66.89W-0.01, h10km, 1km, ML2.8/24, MD2.3/4(RSPR), 3C-6D, Error ellipse: s-maj=5.4km s-min=2.9km az=192.0, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MLPR Magueyes Islan, CRPR Cabo Rojo, and others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRPR Cabo Rojo, OBIP Obispado Ponce, and others.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AOPR Arcibo Observ, AGPR Aguadilla, and others.

RSRP 07 23:45:16.4-2.8, 2.26N-125.17E, h0km, mb3.3/3, mbtm3.3/3, Error ellipse: s-maj=346.0km s-min=26.7km az=64.0, Talaud Islands

RSRP 07 23:47:58.0, 17.97N-66.77W, h14km, MD2.4/9 NEIC 07 23:47:58.2-2.0, 18.05N-0.03-66.75W-0.01, h10km, 1km, ML2.9/22, MD2.4-9(RSPR), 7C-2D, Error ellipse: s-maj=4.5km s-min=2.7km az=170.0, Puerto Rico region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OBIP Obispado Ponce, UUPR Utuado, and others.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LSP Las Mesas, CRPR Cabo Rojo, and others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRPR Cabo Rojo, PRSN Puerto Rico Se, and others.

IDC 07 23:48:40.5-2.8, 38.37N-98.21E, h0km, mbtm3.2/5, ML3.0/4, Error ellipse: s-maj=67.3km s-min=18.4km az=37.0, Qinghai

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONM Sogingo Array, SONM, and others.

IDC 07 23:49:43.6-1.3, 40.47N-143.83E, h0km, mb3.6/9, mbtm3.6/13, ML2.9/3, MS3.0/2, Error ellipse: s-maj=26.3km s-min=24.5km az=135.0, JMA 07 23:49:45.9-0.2, 40.5N-0.7x14.4E, h33km, MV3.5/28, FAR E OFF SAINRIKU, NIED 07 23:49:45.9, 40.50N-143.88E, h33km, MW3.8, Moment Tensor Solution, s3 Moment tensor, Scale: 10^14N, Mw: 2.42, Mw: 2.50, Mw: 4.92, Mw: 1.72, Mw: 1.55, Mw: 1.89; Fault plane solution: M=5.01000x10^14 NP1: phi=153.00000, lambda=0.00000, delta=26.00000, NP2: phi=44.00000, delta=71.00000, lambda=133.00000

IDC 07 23:49:43.2-3.5, 40.54N-143.88E, h0km, 22km, n35, +164/36, mb3.7/9, Off coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JEM Erimo, JTH Tanohata, and others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JYK Kaneyama, JTRK Abashiri-Toko, and others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H1N1 WAKE ISLAND Hy 28.610, H1N2 WAKE ISLAND Hy 28.610, and others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H1S1 WAKE ISLAND Hy 29.432, H1S2 WAKE ISLAND Hy 29.432, and others.

Table with columns: AOPR, AOPR, AOPR, comp=N, 0.2s, 0.42, 6, Pg, Pg, 00 21 35.1 -0.1, 00 21 40.7 0.0, 00 21 43.4

FUNUV 08 00:21:56.6, 6.82N, 73.10W, h165km, MW3.5, Presumed earthquake
RSNC 08 00:21:57.0, 0.7N, 1.7W, h145km, 1km, M2.8, mb3.4, ML2.6

ISC 08 00:21:55.1, 1.3, 6.86N, 0.03, 73.12W, 0.04, h158km, 2gkm, n48, e1931/86, Northern Colombia

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

RSRP 08 00:25:21.8, 17.94N, 66.80W, h8km, 1km
NEIC 08 00:25:21.1, 0.9, 17.92N, 0.02, 66.78W, 0.01, h10km, 1km, ML2.4/22, ML2.2(RSPR), 3C-6D, Error ellipse: s-maj=4.1km s-min=2.9km az=181.0, Puerto Rico region

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

Table with columns: OBIP, Cerrillos, 0.25, 51, Pg, Pg, 00 25 29.9 +1.6, 00 25 26.9 +0.8, 00 25 30.9 +1.4, 00 25 31.3, 00 25 31.3

ISC 08 00:27:34.6, 8.8, 16.19S, 176.73W, h0km, mb3.6/3, mbtmp3.6/3, Error ellipse: s-maj=391.4km s-min=35.6km az=141.0, Fiji Islands region

ASAR Alice Springs 46.82 253 P 0 36 06.5 -0.1

ILAR Eielson Array 83.87 12 P 0 40 05.8 0.0

RSRP 08 00:29:18.5, 18.00N, 66.77W, h9km, 2km, MD2.4/8

NEIC 08 00:29:17.9, 1.1, 17.97N, 0.03, 66.74W, 0.01, h10km, 1km, ML2.7/24, MD2.4/8(RSPR), 6C-3D, Error ellipse: s-maj=5.4km s-min=2.8km az=170.0, Puerto Rico region

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

Table with columns: IDE, Isla Desecheo, 0.81, 301f, eP, Pg, 00 29 32.5 -1.0, 00 29 44.0 -0.1, 00 29 34.0 -0.5, 00 29 45.4 -0.4, 00 29 46.2

NIED 08 00:31:03.4, 31.26N, 131.91E, h31km, MW4.4, Moment Tensor Solution. s3 Moment tensor: Scale 10^15Nm; Mn:2.52; M00:1.62; M01:0.14; M02:-0.85; M03:-0.60; M04:0.96; Fault plane solution: Ms:3.76000x10^15 NP1: e=215.00000; s=46.00000; t=136.00000; NP2: e=339.00000; s=60.00000; t=43.00000; JMA 08 00:31:03.4, 0.2, 31.3N, 0.4, 131.9E, 0.8, h31km, 1km, MD4: 1/40, MV3.9/40, SE OFF OSUMI PEN

NEIC 08 00:31:04.7, 1.9, 31.29N, 0.07, 131.84E, 0.07, h35km, 2km, mb4.5/27, Error ellipse: s-maj=12.2km s-min=9.6km az=146.0

IDC 08 00:31:05.1, 0.5, 31.32N, 131.69E, h35km, 3km, mb3.8/21, mbtmp4.0/23, ML3.2/2, MS3.8/12, Error ellipse: s-maj=16.7km s-min=9.4km az=72.0

ISC 08 00:31:04.7, 0.4, 31.29N, 0.04, 131.79E, 0.04, h35km, n101, e1907/113, mb4.4/37, MS3.9/16, 2C-5D, Kyushu

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

Table of station data for the 8d 0h period, including station names, coordinates, and various parameters like SNR and time.

Table of station data for the 2020 JAN period, including station names, coordinates, and various parameters like SNR and time.

Table of station data for the 500 period, including station names, coordinates, and various parameters like SNR and time.

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res. Includes entries for OBIP, MLPR, CELP, CRPR, UUPR, LSP, AOPR, etc.

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res. Includes entries for AOPR, EOPR, EMPR, HUMP, MIDR, SDD, etc.

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res. Includes entries for DMDM, PSCC, TRN, GRW, etc.

SDD 08 00:59:47.2-2.0, 17.81N-66.87W, h13km, 29km, MD3.7, ML4.0, MW3.9, Presumed earthquake
IDC 08 00:59:48.8-1.6, 18.02N-66.99W, h0km, mb3.6/3, mbmp3.8/4, ML2.8/1, MS3.1/3, Error ellipse: s-maj=41.8km s-min=32.9km az=155.0

NEIC 08 00:59:48.8, 17.90N-66.91W, h10km
RSPR 08 00:59:49.8, 17.95N-66.94W, h8km, MD3.3/9
NEIC 08 00:59:49.0-1.7, 17.93N-0.03:66.94W-0.01, h10km, 1km, mb4.3/10, ML4.2/30, Mw4.0/18, ML4.2/9(RSPR), Mw3.9/11(SLM), Error ellipse: s-maj=5.2km s-min=2.9km az=198.0 Moment Tensor Solution. Moment tensor: Scale 10^15Nm; M1=0.17; M2=0.62; M3=0.78; M4=0.24; M5=0.78; M6=0.15; Fault plane solution: M1: 10000.0/1015 NP130.340, 37000.0, 679.07000.0, -166.06000.0. NP2: 247.68000.0, 876.32000.0, -1.1.25000.0. Principal axes: T 1.1352, P1g2.0000, Azm114.0000; P -0.0848, P1g2.0000, Azm18.0000; P -1.0505, P1g18.0000, Azm204.0000

OSPL 08 00:59:50.8-1.7, 17.99N-66.91W, h0km, 4km, 3, Presumed earthquake
ISC 08 00:59:49.0-0.7, 17.92N-0.03:66.93W-0.02, h1km, 4km, n91, i=1507/118, mb4.37, 18C-5D, Puerto Rico region

TRN 08 01:03:30.3, 10.92N-61.97W, h55km, MD3.6, North of the Paria peninsula
FUNV 08 01:03:31.2, 10.93N-61.94W, h31km, MW3.5, Presumed earthquake
ISC 08 01:03:29.4-1.7, 10.89N-0.06:61.98W-0.08, h66km, 22km,

RSPR 08 01:06:31.4, 18.01N-66.82W, h8km, 2km, 6C, Puerto Rico region

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res. Includes entries for OBIP, MLPR, CRPR, LSP, AOPR, etc.

RSPR 08 01:07:28.7, 17.99N-66.83W, h8km, 1km, MD2.3/4

NEIC 08 01:07:28.3-1.1, 17.98N-0.03:66.827W-0.008, h10km, 1km, ML2.5/23, 6D, Error ellipse: s-maj=4.9km s-min=2.9km az=356.0, Puerto Rico region

Table with columns: Code, Station Name, Δ°, AZZ, Phase ID, Op, ISC, Time, Res. Includes entries for MLPR, OBIP, CELP, CRPR, UUPR, LSP, AOPR, etc.

8d 1h

Table with columns: Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes stations like Cabo Rojo, PR and Puerto Rico Se.

NEIC 08 01:11:32.8±1.2, 17.92N±0.03; 66.74W±0.01, h10km±1km, ML2.6/25, Error ellipse: s-maj=5.2km s-min=2.9km az=358.0

RSRP 08 01:11:33.9, 17.97N-66.76W, h7km±1km, MD2.2/5, 6D, Puerto Rico region

Main table for 8d 1h section, listing various stations and their parameters.

KRNET 08 01:15:48.0±0.1, 39.46N±71.48E, h12km, mb3.1
SOME 08 01:15:49.9, 39.63N±71.87E, h15km
ISU 08 01:15:51.39, 50N±71.56E, h12km

Main table for KRNET section, listing stations like Karamyk, Fergana, Batken, etc.

2020 JAN

Table for 2020 JAN section, top part, listing stations like Ala-Archa, Borodaya, Karagaybulak, etc.

NEIC 08 01:20:08.8±1.2, 17.87N±0.03; 66.799W±0.006, h10km±2km, ML3.7/30, ML3.2/9 (RSPP), Error ellipse: s-maj=4.7km s-min=3.0km az=3.0

Main table for 2020 JAN section, middle part, listing stations like Obispado Ponce, Magueyes Islan, etc.

Main table for 2020 JAN section, bottom part, listing stations like Karamyk, Fergana, Batken, etc.

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Table with columns: Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Includes Grand Turk, Salisbury, Santo Domingo.

RSRP 08 01:24:36.4, 17.91N-66.81W, h7km±1km
NEIC 08 01:24:36.7±1.1, 17.95N±0.03; 66.801W±0.009, h10km±1km, ML2.6/26, ML2.9 (RSPP), 2C-7D, Error ellipse: s-maj=4.8km s-min=3.0km az=358.0, Puerto Rico

Main table for 502 section, listing various stations and their parameters.

RSRP 08 01:33:18.5, 17.90N-66.88W, h6km±1km, 6C, Puerto Rico region

Table for RSRP 08 01:33:18.5, listing stations like Magueyes Islan, Cabo Rojo, PR, etc.

RSRP 08 01:33:39.0, 17.85N-66.80W, h12km±2km, 3C-3D, Puerto Rico region

Table for RSRP 08 01:33:39.0, listing stations like Magueyes Islan, Obispado Ponce, etc.

RSRP 08 01:33:40.2, 17.96N-66.85W, h2km±5km, 1C, Puerto Rico region

Table for RSRP 08 01:33:40.2, listing stations like Magueyes Islan.

NEIC 08 01:33:48.3±0.8, 17.94N±0.03; 66.81W±0.01, h8km±5km, ML3.2/28, Error ellipse: s-maj=4.8km s-min=1.5km az=176.0

Main table for NEIC 08 01:33:48.3, listing stations like Magueyes Islan, Obispado Ponce, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Las Mesas, Puerto Rico Se, Arcobio Observ, etc.

IDC 08 01:37:19.6:1.1, 1.89N,96:12E, h0km, mb4.1/7, mbmp4.1/7, MS2.3/1, Error ellipse: s-maj=57.2km s-min=21.8km az=74.0

NEIC 08 01:37:21.6:0.9, 1.96N,0:08.96:22E:0:09, h10km,1km, mb4.1/9, Error ellipse: s-maj=18.8km s-min=7.0km az=228.0

DJA 08 01:37:23.0:0.7, 2.1N,3:9'6E, h20km,4km, M4.0/9, mb4.7/1, MLV3.7/3

ISC 08 01:37:23.9:0.8, 2.05N,0:05:21E:0:08, h27km, n44, s=082/35, mb4.1/12, Northern Sumatara

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

IDC 08 01:40:07.0:1.3, 0.73N,121:77E, h0km, mb3.7/5, mbmp3.7/5, Error ellipse: s-maj=414.3km s-min=25.8km az=60.0

DJA 08 01:40:19.5:1.4, 1.1N,11'12'E:121E:0.1, h113km, m9.6/s, MLV2.6/5

ISC 08 01:40:19.1:1.0, 0.6N,0:11:21E:0.1, h113km, n3, s=1856/11, mb3.7/5, Minahassa Peninsula, Sulawesi

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

IDC 08 01:46:10.6:8.6, 37:53S:174:77E, h0km, mb3.7/2, mbmp3.7/2, MS3.4/1, Error ellipse: s-maj=562.9km s-min=55.1km az=27.0

NOU 08 01:46:15.6, 6:37:94S:176:57E, h201km, MLV4.0/16, North Island, New Zealand

WEL 08 01:46:18.6:1.0, 38:7'17"E:176E, h170km, 7km, M3.3/36, ML2.5/10, MLV3.3/36, Error ellipse: s-maj=9.9km s-min=0.3km az=29.9, confirmed

ISC 08 01:46:17.7:1.1, 0.37N,85:0:05:176:44E:0:04, h184km, 6km, n122, s=084/135, North Island

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MLPR comp=E,5um,0.2s, Magueyes Islan, Cerrillos, etc.

IDC 08 01:40:07.0:1.3, 0.73N,121:77E, h0km, mb3.7/5, mbmp3.7/5, Error ellipse: s-maj=414.3km s-min=25.8km az=60.0

DJA 08 01:40:19.5:1.4, 1.1N,11'12'E:121E:0.1, h113km, m9.6/s, MLV2.6/5

ISC 08 01:40:19.1:1.0, 0.6N,0:11:21E:0.1, h113km, n3, s=1856/11, mb3.7/5, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRSI Marisa, Ampana, Mapaga, etc.

IDC 08 01:40:07.0:1.3, 0.73N,121:77E, h0km, mb3.7/5, mbmp3.7/5, Error ellipse: s-maj=414.3km s-min=25.8km az=60.0

DJA 08 01:40:19.5:1.4, 1.1N,11'12'E:121E:0.1, h113km, m9.6/s, MLV2.6/5

ISC 08 01:40:19.1:1.0, 0.6N,0:11:21E:0.1, h113km, n3, s=1856/11, mb3.7/5, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Makanchi Array, ZALV Zalesovo Beam, Kurchatov Arra, etc.

IDC 08 01:40:07.0:1.3, 0.73N,121:77E, h0km, mb3.7/5, mbmp3.7/5, Error ellipse: s-maj=414.3km s-min=25.8km az=60.0

DJA 08 01:40:19.5:1.4, 1.1N,11'12'E:121E:0.1, h113km, m9.6/s, MLV2.6/5

ISC 08 01:40:19.1:1.0, 0.6N,0:11:21E:0.1, h113km, n3, s=1856/11, mb3.7/5, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MRSI Marisa, Ampana, Mapaga, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RTZ Ruatahuna, WHZ Whakaora, etc.

IDC 08 01:40:07.0:1.3, 0.73N,121:77E, h0km, mb3.7/5, mbmp3.7/5, Error ellipse: s-maj=414.3km s-min=25.8km az=60.0

DJA 08 01:40:19.5:1.4, 1.1N,11'12'E:121E:0.1, h113km, m9.6/s, MLV2.6/5

ISC 08 01:40:19.1:1.0, 0.6N,0:11:21E:0.1, h113km, n3, s=1856/11, mb3.7/5, Minahassa Peninsula, Sulawesi

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

IDC 08 01:40:07.0:1.3, 0.73N,121:77E, h0km, mb3.7/5, mbmp3.7/5, Error ellipse: s-maj=414.3km s-min=25.8km az=60.0

DJA 08 01:40:19.5:1.4, 1.1N,11'12'E:121E:0.1, h113km, m9.6/s, MLV2.6/5

ISC 08 01:40:19.1:1.0, 0.6N,0:11:21E:0.1, h113km, n3, s=1856/11, mb3.7/5, Minahassa Peninsula, Sulawesi

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

IDC 08 01:40:07.0:1.3, 0.73N,121:77E, h0km, mb3.7/5, mbmp3.7/5, Error ellipse: s-maj=414.3km s-min=25.8km az=60.0

DJA 08 01:40:19.5:1.4, 1.1N,11'12'E:121E:0.1, h113km, m9.6/s, MLV2.6/5

ISC 08 01:40:19.1:1.0, 0.6N,0:11:21E:0.1, h113km, n3, s=1856/11, mb3.7/5, Minahassa Peninsula, Sulawesi

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

8d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Puerto Rico Se, Experimental S, Esperanza - Ma, San Juan, etc.

TEH 08 01:58:14.6, 37.72N:47.53E, h9km, 15km, ML3.8, Presumed earthquake

ISC 08 01:58:14.6, 0.9, 37.70N, 0.03, 47.57E: 0.03, h10km, n23, s181/28, Northwestern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Sarab, Hashtrud, Germi, etc.

NEIC 08 01:58:27.6, 1.6, 3.2S: 0.1, 138.01E: 0.06, h60km, 8km, mb4.5/22, Error ellipse: s-maj=14.8km s-min=8.7km az=178.0

IDC 08 01:58:27.0, 0.8, 3.17S: 138.04E, h58km, 6km, mb3.9/12, mbtmp=3.19, MS3.6/6, Error ellipse: s-maj=18.3km s-min=14.6km az=76.0

DJA 08 01:58:30.2, 1.2, 3.5S: 133.8E, h35km, 20M, M4.8/7, mb4.9/1, mb5.0/1, MLV4.8/7, Mw(mb)4.2/1

ISC 08 01:58:27.1, 0.6, 3.25S: 0.05, 138.05E: 0.04, h58km, 6km, n65, s136/75, mb4.3/22, MS3.6/4, 1D, Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Sarmi, Genyem, Serui, Jayapura, etc.

2020 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NWAOW Narrogin, JNU Nakatsu, KSRSS Korea Array, etc.

NEIC 08 02:00:36.2, 0.6, 17.93N: 0.03, 66.825W: 0.007, h10km, 2km, ML3.0/26, ML2.7(RSPR), Error ellipse: s-maj=5.6km s-min=3.0km az=350.0

RSPR 08 02:00:36.7, 17.96N: 66.84W, h8km, 1km, ISC 08 02:00:36.0, 1.3, 17.93N: 0.05, 66.83W: 0.02, h18km, 6km, n27, r050/44, 6C-3D, Puerto Rico region

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

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EMPR Esperanza - Ma, San Juan, etc.

RSPR 08 02:11:13.1, 18.00N: 66.84W, h5km, 1km, 5C-3D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Maguayes Islan, Obispo Ponce, Cabo Rojo, etc.

RSPR 08 02:16:16.6, 17.93N: 66.80W, h7km, 1km, MD2.5/5, NEIC 08 02:16:16.2, 0.7, 17.90N: 0.03, 66.780W: 0.007, h10km, 2km, ML2.5/26, MD2.5/5(RSPR), 8C-1D, Error ellipse: s-maj=5.1km s-min=2.9km az=3.0, Puerto Rico region

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

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like CELP Cerrillos, UJPR Utuado, UJPR Maguayo, etc.

MOS 08 02:20:00.2:1.0, 29.10N:51.31E, h13km, mb5.0/58, MS4.1/7, Error ellipse: s-maj=4.7km s-min=3.1km az=101.4

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like KAZZ Kazeron-Fars-I, DSBU Dazhti, SHI Shiraz, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like MASF Esma-Masafi, ASUD AI Ashush, FAO AI Faqa, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC. Includes stations like ASF comp=2.2,3nm,0.3s, KARS Kars, GHAJ Ghor Haditha, etc.

DRK	Karamyk	19.77	53	P	Pn	02 24 32.9 -0.7
DRK	comp-Z,108nm,1.5s				I Amb	02 24 35.0
DRK	Karamyk	19.77	53	P	Pn	02 24 32.9 -0.7
DRK	comp-Z,108nm,1.5s				p max	
IUG	luzhnay	19.93	44	eP	Pn	02 24 34.5 -0.7
IUG	eS				Sn	02 28 19.7 +0.7
IUG	luzhnay	19.93	44	eP	Pn	02 24 34.5 -0.7
IUG	eS				Sn	02 28 19.7 +0.7
MDUB	Mudurny	19.94	310	P	I Amb	02 24 34.2 +0.6
MDUB	I Amb				I Amb	02 24 47.0
BRLS	Borolday	20.33	42	eP	P	02 24 35.9 -1.8
BRLS	eS				S	02 26 20.3 -2.1
BRLS	Borolday	20.33	42	eP	P	02 24 36.0 +1.8
BRLS	eS				S	02 28 23.0 -2.1
KK31	Karatay Array	20.77	43	P	P	02 24 42.3 -0.3
KK31	Karatay Array	20.77	43	P	P	02 24 42.3 -0.3
KK31	comp-Z,37nm,1.2s				p max	
KKAR	Karatay Array	20.77	43	P	P	02 24 42.4 -0.2
KKAR	Karatay Array	20.77	43	P	P	02 24 42.4 -0.2
SIM	Simferopol	20.82	324	eP	P	02 24 44.0 +1.0
SIM	comp-Z,37nm,0.4s				p max	
MANT	Manisa	21.01	302	P	I Amb	02 24 46.0 +0.5
MANT	I Amb				I Amb	02 24 55.3
AB31	Akbulak array	21.12	16	P	I Amb	02 24 46.2 0.0
AB31	I Amb				I Amb	02 24 48.4
AB31	Akbulak array	21.12	16	i P	P	02 24 47.0 +0.8
ABKAR	Akbulak array	21.12	16	P	P	02 24 46.3 +0.1
DZA	Taraz	21.15	44	eP	P	02 24 47.3 +0.9
DZA	Taraz	21.15	44	eP	P	02 24 47.6 +0.9
KARP	Karpatos	21.33	294	P	P	02 24 51.4 +2.7
AKTO	Aktyubinsk	21.84	12	P	P	02 24 54.7 +0.8
AKTO	comp-Z,13nm,0.4s,baz=209,slow=8,4,SNR=61				LR	02 34 56.8
AKTO	comp-Z,398nm,18.9s,baz=166,slow=41				LR	
AKTO	comp-Z,13nm,0.4s				P	02 25 01.1 +1.3
KSH2	Kashi	22.36	57	P	S	02 25 09.7 +2.6
KSH2	I Amb				p max	
KSH2	comp-Z,34nm,1.2s				LR	
KSH2	comp-Z,1µm,11.0s				LR	
KSH2	comp-Z,2µm,13.6s				LR	
KSH2	comp-Z,2µm,14.6s				LR	
EKS2	Erkin-Say	22.56	47	P	P	02 25 04.8 +2.9
EKS2	SNR=19				P	
UCH	Uchter	22.83	49	P	P	02 25 06.8 +1.6
AAK	Ala-Archa	23.01	48	LR	LR	02 35 35.9
AAK	comp-Z,1µm,20.3s,baz=250,slow=40				LR	
AAK	Ala-Archa	23.01	48	P	P	02 25 10.1 +3.4
AAK	Ala-Archa	23.01	48	P	P	02 25 06.8 +0.1
AAK	Ala-Archa	23.01	48	eP	P	02 25 08.0 +1.3
AAK	comp-Z,244nm,1.4s				p max	
AAK	Ala-Archa	23.01	48	P	P	02 25 08.7 +2.0
AAK	Ala-Archa	23.12	292	P	P	02 25 08.4 +0.6
VRH	Novokhoporsky	23.16	345	eS	S	02 25 07.1 -0.7
VRH	I Amb				p max	
VRH	comp-Z,328nm,1.1s				p max	
VRH	comp-E,400nm,1.3s				s max	
KBK	Karagbulak	23.32	48	P	P	02 25 13.0 +3.2
KBK	SNR=13				P	
USP	Ospenovka	23.32	47	P	P	02 25 11.2 +1.6
CHMS	Chumysh	23.35	47	P	P	02 25 11.4 +1.5
CHMS	SNR=12				P	
BELG	Belogornoye	23.36	354	LR	LR	02 37 11.2
BELG	comp-E,428nm,20.1s,baz=149,slow=44				LR	
BELG	Belogornoye	23.36	354	i P	P	02 25 09.8 -0.1
BELG	comp-Z,23nm,1.3s				p max	
FURI	Furi	23.39	213	LR	LR	02 34 49.3
FURI	comp-Z,900nm,19.3s,baz=21,slow=38				LR	
FURI	Furi	23.39	213	P	P	02 25 10.9 +0.1
FURI	I Amb				I Amb	02 25 24.3
VORD	Divnogorie	23.57	341	eP	P	02 25 10.6 -1.4
VORD	eS				S	02 29 23.7 -1.7
VORD	comp-Z,220nm,1.1s				p max	
VORD	comp-N,150nm,0.9s				s max	
NE56	Odesa	23.64	323	P	P	02 25 12.4 -0.3
ALN	Alexandroupoli	23.67	306	P	P	02 25 13.0 -0.1
ALN	Alexandroupoli	23.67	306	P	P	02 25 13.0 -0.1
TIRR	Tirgusor	23.73	316	P	P	02 25 14.5 +0.9
TIRR	Tirgusor	23.73	316	i P	P	02 25 16.2 +2.6
TIRR	Tirgusor	23.73	316	P	P	02 25 14.5 +0.9
TIRR	comp-Z,148nm,1.7s				p max	
VSR	Storzhevoye	23.83	341	eP	P	02 25 13.8 -0.7
VSR	eS				S	02 29 27.6 -1.9
VSR	comp-Z,100nm,1.4s				p max	
VSR	comp-N,350nm,1.2s				s max	
TLCR	TLCR	23.89	318	i P	P	02 25 17.7 +2.5
TLCR	TLCR	23.89	318	P	P	02 25 17.6 +2.5
BOOM	Boomskeye usch	23.90	50	P	P	02 25 16.0 +0.5
BOOM	Boomskeye usch	23.90	50	P	P	02 25 16.0 +0.5
TPGR	Topolog	23.94	317	i P	P	02 25 17.1 +1.5
RDO	Rodhoph	24.12	307	P	P	02 25 18.1 +0.8
VORR	Voronezh	24.23	341	eP	S	02 25 16.6 -1.6
VORR	eS				S	02 29 35.9 +0.1
VORR	comp-Z,73nm,0.6s				p max	
VORR	comp-E,500nm,1.2s				s max	
CFR	Carcailiu	24.29	317	i P	P	02 25 20.2 +1.4
CFR	Carcailiu	24.29	317	P	P	02 25 20.2 +1.4
LOZB	Loznitsa	24.33	312	i P	P	02 25 20.8 +1.6
RAZG	Razgrad	24.48	313	i P	P	02 25 22.3 +1.7
SCHLR	Schela	24.63	318	i P	P	02 25 24.0 +2.1
KUU	Kurty	24.79	47	eP	P	02 25 24.6 +1.1
KUU	Kurty	24.79	47	eP	P	02 25 24.6 +1.1
TNSS	Tian-Shan	24.80	49	eP	P	02 25 24.5 +0.5
TNSS	Tian-Shan	24.80	49	eP	P	02 25 24.6 +0.5
VARL	Variezli	24.86	319	i P	P	02 25 26.2 +2.4
TARG	Taragay, Kyrgy	24.86	53	P	P	02 25 25.2 +0.6
TARG	comp-Z,27nm,1.0s				I Amb	02 25 31.9
TARG	Taragay, Kyrgy	24.86	53	P	P	02 25 25.2 +0.6
TARG	comp-Z,27nm,1.0s				p max	
MDOK	Medeo	24.92	49	eP	P	02 25 25.7 +0.9
MDOK	Medeo	24.92	49	eP	P	02 25 25.8 +0.9
SGRR	Singureni	25.13	314	i P	P	02 25 28.7 +2.3
LPSR	Galich'ya Gora	25.14	342	eS	S	02 25 26.3 -0.1
LPSR	eS				S	02 29 52.7 +2.2
LPSR	comp-Z,220nm,1.0s				p max	
LPSR	comp-N,200nm,1.4s				s max	
BIR	Birlad	25.19	319	i P	P	02 25 28.7 +1.6
BIR	Birlad	25.19	319	P	P	02 25 28.6 +1.6
CHKK	Chushkaly	25.19	47	eP	P	02 25 28.2 +1.2
CHKK	Chushkaly	25.19	47	eP	P	02 25 28.3 +1.2
GHRH	GHRH	25.20	319	i P	P	02 25 29.0 +1.9
GHRH	GHRH	25.20	319	P	P	02 25 29.1 +2.0
ISR	Istrita	25.21	316	i P	P	02 25 28.8 +1.5
ISR	Istrita	25.21	316	P	P	02 25 28.8 +1.5
ISR	Istrita	25.21	316	P	P	02 25 28.8 +1.5
ISR	Istrita	25.21	316	P	P	02 25 28.8 +1.5
ODBI	Odobesti	25.25	316	i P	P	02 25 30.6 +3.1
PANC	Pancio	25.25	318	i P	P	02 25 30.5 +2.9
VRI	Vrincioaia	25.49	318	i P	P	02 25 32.0 +2.2
VRI	Vrincioaia	25.49	318	P	P	02 25 32.0 +2.2
VRI	Vrincioaia	25.49	318	P	P	02 25 32.0 +2.2
VRI	Vrincioaia	25.49	318	P	P	02 25 32.0 +2.2
VRI	comp-N,51nm,1.1s				P	

NEHR	Nehoiu	25.52	316	i P	P	02 25 33.2 +3.1
PJOR	Plostinia	25.53	317	i P	P	02 25 33.2 +3.1
PJOR	Plostinia	25.53	317	P	P	02 25 33.2 +3.1
PRZ	Przheval'sk	25.55	51	P	P	02 25 31.4 +0.8
PRZ	Przheval'sk	25.55	51	P	P	02 25 31.4 +0.8
PRZ	comp-Z,56nm,1.0s				p max	
PLVB	Pleven	25.63	311	i P	P	02 25 34.4 +3.4
WUSH	Wushi	25.67	55	P	I Amb	02 25 32.1 +0.5
WUS	WUS				I Amb	02 25 00.9
IASR	Iasi	25.75	321	i P	P	02 25 33.5 +1.5
MLR	Muntele Rosu	25.77	316	P	I Amb	02 25 33.8 +1.4
MLR	comp-Z,27nm,0.8s				I Amb	02 25 39.7
MLR	Muntele Rosu	25.77	316	i P	P	02 25 35.3 +2.9
MLR	Muntele Rosu	25.77	316	P	P	02 25 33.8 +1.4
MLR	comp-Z,27nm,0.8s				p max	
SATY	Saty	25.78	50	eP	P	02 25 33.6 +1.0
SATY	comp-Z,13nm,1.1s				p max	
SATY	Saty	25.78	50	eP	P	02 25 33.7 +1.0
SATY	comp-Z,12nm,1.1s				P	
THE	Thessaloniki	25.79	304	P	p max	02 25 35.3 +2.8
THE	I Amb				p max	
COVR	Voineasa-Covas	25.79	317	i P	P	02 25 35.3 +2.7
TESR	Tescani	25.89	319	i P	P	02 25 34.7 +1.3
TESR	comp-Z,123nm,0.7s				P	02 25 34.3 +0.9
HUMR	Humele	25.90	313	i P	P	02 25 36.4 +2.9
SORM	Soroca	25.91	323	i P	P	02 25 35.2 +1.8
SORM	Soroca	25.91	323	P	P	02 25 35.2 +1.8
ONER	Onari Valea Uz	25.94	318	i P	P	02 25 36.0 +2.1
TURR	Turia	26.02	317	i P	P	02 25 36.6 +2.0
VLAD	Vladia	26.03	312	i P	P	02 25 37.6 +3.0
OZUR	Ozur	26.17	317	i P	P	02 25 37.9 +1.9
GIRR	Girov	26.22	319	i P	P	02 25 37.8 +1.5
UZB	Uzynbulak	26.23	50	eP	P	02 25 37.5 +0.8
UZB	comp-Z,30nm,1.2s				p max	
UZB	Uzynbulak	26.23	50	eP	P	02 25 37.5 +0.8
UZB	comp-Z,30nm,1.2s				p max	
BOSR	Bodos	26.24	317	i P	P	02 25 38.4 +1.9
VAY	Vatandzoye	26.25	305	i P	P	02 25 38.9 +1.9
VAY	Vatandzoye	26.25	305	P	P	02 25 42.3 +5.3
DOPR	Dopca	26.34	317	i P	P	02 25 39.5 +2.0
ARR	Arges	26.51	315	i P	P	02 25 40.7 +1.7
SHLS	Shalkode	26.53	51	eP	P	02 25 43.0 +3.7
SHLS	comp-Z,20nm,1.2s				p max	
SHLS	Shalkode	26.53	51	eP	P	02 25 43.1 +3.7
SHLS	comp-Z,20nm,1.2s				P	
PRAR	RASCA	26.60	320	i P	P	02 25 41.2 +1.4
TKK	Taldyqorghan	26.62	46	eP	P	02 25 41.2 +1.2
TKK	I Amb				p max	
TDK	Taldyqorghan	26.62	46	eP	P	02 25 41.2 +1.2
TDK	comp-Z,12nm,0.9s				P	
PDGK	Podgornoye	26.62	50	eP	P	02 25 40.3 +0.1
NDNU	Novodnistrovsk	26.71	323	P	P	02 25 43.1 +2.4
DRBR	Drabani	26.88	322	i P	P	02 25 43.9 +1.7
MDB	Medias	27.04	316	i P	P	02 25 46.6 +2.9
IMDB	Medias	27.04	316	P	P	02 25 46.6 +2.9
AK07	Malin Array Si	27.09	314	i P	P	02 25 44.5 +0.4
LOT	Lotru	27.09	314	i P	P	02 25 44.7 +2.9
AK09	Malin Array Si	27.09	328	P	P	02 25 44.4 +0.3
AK10	Malin Array Si	27.09	328	P	P	02 25 44.5 +0.3
AK06	Malin Array Si	27.11	328	P	P	02 25 44.7 +0.4
AK08	Malin Array Si	27.12	328	P	P	02 25 44.6 +0.2
AK05	Malin Array Si	27.13	328	P	P	02 25 44.7 +0.4
AK02	Malin Array Si	27.16	328	P	P	02 25 44.9 +0.2
AK12	Malin Array Si	27.17	328	P	P	02 25 44.8 0.0
KMPD	K-Podol					

Table with columns for station call signs, frequencies, and other technical details. Includes stations like DPC, KIBK, VSU, etc.

Table with columns for station call signs, frequencies, and other technical details. Includes stations like GTA2, OSL, KONO, etc.

Table with columns for station call signs, frequencies, and other technical details. Includes stations like PBAR, XAN, PMRV, etc.

8d 2h

Table with columns: YAK, comp, smax, smax, and numerical data for various stations. Includes stations like YAK, HEH, KOOLE, MAKGR, PHEN, WIN, SUMG, BOS, KSTR, PSTR, NEM, BBJ, UPNV, SUR, SFJD, TULEG, MA2, ASAJ, BILL, ILL, ILON, A21K, A19K, B20K, A36M, C16K, B22K, C17K, C19K, C18K, KUQ, B21K, RDOG, C23K, D17K, C21K, D19K, D20K, C24K, C26K, D22K, E20K, E18K, D23K, E17K, TNA, D24K, C27K, E21K, D25K, SCH, TOLK, F14K, E19K, GAMB, GAMB, F15K, D27M, E22K, F17K, D28K, F16K, C36M.

2020 JAN

Table with columns: F19K, E23K, F20K, E24K, F21K, E28M, E25K, G15K, G16K, ANM, ANM, ANM, G17K, E27K, G18K, E29M, G19K, F24K, COL, COL, F25K, F26K, INK, INK, G21K, H16K, BMAR, G23K, H17K, F28M, H19K, H18K, G24K, F30M, H20K, G26K, F31M, H22K, H21K, G27K, G25K, I17K, H23K, G29M, G31M, H24K, I20K, J14K, H27K, J16K, EPYK, I23K, H29M, J17K, J19K, J20K, POKR, POKR, I27K, J18K, COLA, COLA, H31M, I28M, ILAR, ILAR, CHUM, K17K, I29M, K20K, J25K, HDA, L15K, L14K, I30M, J26L, L17K, MCK, L16K.

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Table with columns: TRF, L18K, PPLA, K24K, J30M, SCRK, SCRK, J29N, RIDG, L19K, DAWY, M15K, M17K, M16K, DHY, M18K, K29M, WAT6, SKT, N15K, N16K, BCAR, L27K, L29M, N18K, O14K, N19K, SUA, SUA, YKA, YKA, M24K, SML, M26K, M23K, M27K, O16K, KNK, M30M, M29M, RC01, O18K, PWL, YUK3, N30M, YUK4, HYT, MESA, Q20K, P33M, R18K, KDAK, KDAK, KDAK, KDAK, S32K, WRA, ASAR, ASAR, ASAR, CRAG, ULM, V35K, MAW, BBB, NVAR, RSPR 08:02:21:54.0, 17:94N.66:31W, h8km, 25km, 2C-3D, Puerto Rico region. Includes sub-tables for Rico region and Puerto Rico region with columns: Code, Station Name, Az, Az, Phase, ID, Time, Res, ISC.

Table with columns: SOKA, OBKA, OBKA, NEIC, IDC, ISC

NEIC 08:27:39.2, 1.2, 59.0S:0.1x:25.7W:0.2, h39km, 5km, mb4.8/38, Error ellipse: s-maj=15.6km s-min=14.3km az=47.0

IDC 08:27:40.0, 4.0, 59.06S:25.75W, h47km, 37km, mb4.3/14, mbmp4.6/15, ML5.1/1, MS3.7/10, Error ellipse: s-maj=19.5km s-min=14.4km az=59.0

ISC 08:27:38.4, 0.3, 59.02S:0.07:25.73W:0.08, h35km, n108, o581/96, mb4.8/24, MS3.7/8, 7C, South Sandwich Islands region

Main table for the left column containing station names, coordinates, and various data points.

Main table for the middle column containing station names, coordinates, and various data points.

NEIC 08:27:42.5, 37.15N:141.96E, h45km, MW3.6, Moment tensor: S3, Moment tensor: Scale 10^14Nm; M1:0.45; M2:0.14; M3:0.58; M4:0.03; M5:1.35; M6:2.23; Fault plane solution: M2:66000x10^14 NP1: phi=260.00000, delta=31.00000, lambda=1.68.00000. NP2: phi=360.00000, delta=84.00000, lambda=1.59.00000.

JMA 08:27:42.5, 37.15N:141.96E, h45km, MW3.7/33, E OFF FUKUSHIMA PREF

IDC 08:27:44.5, 6.8, 37.31N:142.02E, h33km, 46km, mb3.5/6, mbmp3.6/9, ML3.1/3, MS3.6/4, Error ellipse: s-maj=58.7km s-min=24.0km az=147.0

ISC 08:27:41.6, 1.2, 37.20N:0.06:142.00E:0.07, h19km, n28, r1520/29, mb3.6/6, MS3.9/3, 6D, Off east coast of Honshu

Main table for the middle column (continued) containing station names, coordinates, and various data points.

Table for the top right section containing station names, coordinates, and various data points.

IDC 08:27:45.6, 0.5, 37.13N:141.94E, h0km, mb4.5/32, mbmp4.5/38, ML4.1/5, MS3.9/27, Error ellipse: s-maj=13.3km s-min=11.4km az=117.0

JMA 08:27:48.5, 37.15N:141.99E, h41km, MW4.5, Moment tensor: S3, Moment tensor: Scale 10^15Nm; M1:1.64; M2:0.36; M3:1.28; M4:0.65; M5:3.33; M6:5.71; Fault plane solution: M6:78000x10^15 NP1: phi=261.00000, delta=82.00000, lambda=1.62.00000. NP2: phi=7.00000, delta=82.00000, lambda=63.00000.

JMA 08:27:48.5, 37.15N:141.99E, h41km, MW4.7/39, MW4.7/39, E OFF FUKUSHIMA PREF

JMA 08:27:49.4, 1.2, 37.16N:0.05:142.02E:0.04, h23km, 3km, mb4.9/36, Error ellipse: s-maj=11.6km s-min=6.2km az=112.9

ISC 08:27:48.3, 0.3, 37.16N:0.04:142.02E:0.04, h19km, n476, r1333/457, mb4.9/12, MS4.1/34, 32C-35D, Off east coast of Honshu

Main table for the right column containing station names, coordinates, and various data points.

Table with columns: PPT, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Papeete, OBKA, KBA, LESA, etc.

RSPR 08 02:58:53.8, 18.02N-66.83W, h21km±4km, 5C-3D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like OBIP, MLPR, CRPR, etc.

RSPR 08 03:03:16.1, 17.98N-66.83W, h14km±1km, 8C-1D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MLPR, OBIP, CRPR, etc.

RSPR 08 03:06:36.0, 17.98N-66.76W, h6km±1km, NEIC 08 03:06:35.6±1.6, 17.95N±0.03, 66.731W±0.008, h10km±1km, ML2.6/24, ML2.4 (RSPR), 2D, Error ellipse: s-maj=5.1km s-min=2.8km az=352.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like OBIP, MLPR, CRPR, etc.

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

ROM 08 03:07:37.1±0.0, 42.954N±0.002, 12.969E±0.003, h10km, ML1.2/6, 1D, Error ellipse: s-maj=0.2km s-min=0.2km az=80.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CESI, FDMO, NRCA, etc.

RSPR 08 03:09:27.5, 17.96N-66.83W, h12km±2km, 1C-2D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MLPR, CRPR, OBIP, etc.

RSPR 08 03:09:57.7, 17.91N-66.90W, h8km±1km, MD2/8, NEIC 08 03:09:57.4±0.7, 17.92N±0.04, 66.88W±0.01, h10km±2km, ML2.9/22, Error ellipse: s-maj=6.0km s-min=3.0km az=6.0, ISC 08 03:09:57.1±1.1, 17.91N±0.05, 66.88W±0.02, h16km±7km, n22, az34/41, 2C-7D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MLPR, CRPR, OBIP, etc.

n125, s173/153, mb4.1/5, 6C-6D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CO06, CO06, CO02, etc.

Table of astronomical observations for 8d 3h, listing station names, coordinates, and observation times.

Table of astronomical observations for 2020 JAN, listing station names, coordinates, and observation times.

Table of astronomical observations for RSPR 08:03:26:14.4, 17:94N-66:32W, h9km, 1km, MD2, 1/5, 2C-4D, Puerto Rico region.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like IPOC Station P, Humberstone, and Diego Aracena.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like BOAV Boa Vista, BOLA Beltrano 2, and DR12 Loma Pena Alta.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like GPCR Guaynabo City, IDE Isla Desecheo, and DR12 Loma Pena Alta.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like LOPP1, MBWH, ANWB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like NEIC 08 03:59:40.6, GUMO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like GAZ, TOR, HEL 08 04:06:52.2, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Hagfors, Resolute Bay, NOA NORSAR Array, YKA Yellowknife Ar, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLPR Magueyes Islan, CRPR Cabo Rojo, PR, etc.

RSPR 08 04:17:45.8, 18.03N, 66.79W, h9km, 1km
NEIC 08 04:17:45.9, 0.8, 18.04N, 0.02, 66.80W, 0.01, h10km, 1km,
ML2.7/22.4C-5D, Error ellipse: s-maj=3.4km
s-min=2.9km az=179.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, etc.

RSPR 08 04:24:40.0, 17.88N, 66.89W, h12km, 3C-4D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLPR Magueyes Islan, CRPR Cabo Rojo, PR, etc.

RSPR 08 04:25:21.4, 17.84N, 66.84W, h1km, 1km
NEIC 08 04:25:20.1-1.3, 17.76N, 0.03, 66.83W, 0.01, h10km, 2km,
ML2.5/20.4C-5D, Error ellipse: s-maj=5.0km
s-min=3.0km az=354.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLPR Magueyes Islan, OBIP Obispado Ponce, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CRPR 629nm, 0.2s, CRPR Cabo Rojo, PR, etc.

IDC 08 04:29:19.8, 2.5, 14.32N, 94.06W, h0km, mb3.6/4,
mbmp3.5/8, ML3.5/4, Error ellipse: s-maj=55.3km
s-min=21.9km az=27.0

CATAC 08 04:29:24.9, 0.5, 15.15N, 93.94W, h1km, M4.3/11,
ML4.3/11, Error ellipse: s-maj=7.9km s-min=4.1km
az=42.2, confirmed

MEX 08 04:29:29.7, 1.9, 14.69N, 93.68W, h19km, 999km, MD4.5
GCG 08 04:29:29.3, 2.1, 14.70N, 93.62W, h36km, 999km, MD4.3,
ML4.3, Presumed earthquake

ISC 08 04:29:25.7, 0.8, 14.69N, 0.05, 93.73W, 0.03, h21km, 4km,
n70, c258/119, mb3.7/4, 1D, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCIG Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

RSPR 08 04:30:00.0, 17.88N, 66.89W, h12km, 3C-4D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like APG El Apazote, VHSa Villa Hermosa, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MGIG Mainaltepēc, TLIG Tiapa, JALV Jalcomulco, etc.

DNK 08 04:31:40.8, 2.5, 66.26N, 13.50E, h40km, 460km,
ML2.7(UPP), Presumed earthquake
Upp 08 04:31:42.1, 2.1, 66.46N, 14.28E, h0km, ML2.7, Presumed earthquake

BER 08 04:31:43.4, 0.7, 66.42N, 14.86E, h0km, ML1.2, Explosion
ISC 08 04:31:41.7, 0.9, 66.39N, 0.05, 14.70E, 0.03, h0km, n13,
c091/20, Northern Norway

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MORB Moi Rana, VAGH Vaagaholmen, etc.

MEX 08 04:34:11.8, 0.7, 14.54N, 92.15W, h81km, 8km, MD3.9
GCG 08 04:34:13.3, 0.7, 14.69N, 92.17W, h61km, 9km, MD3.5,
ML3.5, Presumed earthquake

ISC 08 04:34:09.3, 1.8, 14.33N, 0.1, 92.26W, 0.08, h59km, 18km,
n16, c1878/29, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SMCA Catarina, RTAL Retalhuleu, etc.

RSPR 08 04:35:07.1, 17.92N, 66.81W, h6km, 1km
NEIC 08 04:35:07.1, 1.7, 17.91N, 0.03, 66.78W, 0.00, 4,
h10km, 2km, ML2.5/24, ML2.5(RSPR), 3C-5D, Error ellipse:
s-maj=5.6km s-min=3.0km az=1.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, etc.

RSPR 08 04:35:07.1, 17.92N, 66.81W, h6km, 1km
NEIC 08 04:35:07.1, 1.7, 17.91N, 0.03, 66.78W, 0.00, 4,
h10km, 2km, ML2.5/24, ML2.5(RSPR), 3C-5D, Error ellipse:
s-maj=5.6km s-min=3.0km az=1.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, PR, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cabo Rojo, PR; Utuado, UPR, P; Las Mesas; etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Guadeloupe Bro; Broadband at L; Willy Bob; etc.

AUST 08 05:20:32.1e-0.5, 28°S, 6°12'E, h10km, mb4.2/2, ML2.8/4, Error ellipse: s-maj=13.8km s-min=6.9km az=14.0, Western Australia

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Forreth; Meekatharra; Warakurna; etc.

SDD 08 05:51:13.8e-2.3, 17°90'N, 66°80'W, h20km, 14km, MD3.4, ML3.1, MW3.4, Presumed earthquake

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Maguueyes Islan; Obispo Ponce; Cerrillos; etc.

RSRPR 08 05:04:22.6, 17°94'N, 66°93'W, h14km, 2km, 3C-2D, Puerto Rico region

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Obispo Ponce; Cerrillos; Utuado, UPR, P; etc.

RSRPR 08 05:04:46.5, 17°98'N, 66°76'W, h14km, NEIC 08 05:04:46.7-0.8, 18.01N, 0.03-66.77W, 0.01, h10km, 1km, ML2.7/20, 4C-5D, Error ellipse: s-maj=4.6km s-min=2.9km az=164.0, Puerto Rico region

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Obispo Ponce; Cerrillos; Utuado, UPR, P; etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SDA Shkodra; DRME Dracevica, Mon; BUM Brajici-Budva; etc.

RSRPR 08 06:17:50.7, 18°02'N, 66°73'W, h19km, 1km, 3C-2D, Puerto Rico region

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Obispo Ponce; Maguueyes Islan; Arecibo Observ; etc.

RSRPR 08 06:18:42.5, 17°87'N, 66°78'W, h4km, MD2.8/6, NEIC 08 06:18:41.8-0.7, 17.86N, 0.06-66.80W, 0.04, h20km, 9km, ML2.9/22, 5C-4D, Error ellipse: s-maj=8.9km s-min=5.8km az=188.0, Puerto Rico region

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Maguueyes Islan; Obispo Ponce; Cerrillos; etc.

RSRPR 08 06:25:18.6, 18°00'N, 66°83'W, h12km, 2km, 3C-2D, Puerto Rico region

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Maguueyes Islan; Obispo Ponce; Arecibo Observ; etc.

TRN 08 05:17:17.7, 14°33'N, 59°03'W, h94km, MD3.6, East of Martinique, Windward Islands

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Gun Hill; Bigot; Saint Lucia, A; etc.

SKO 08 06:01:02.9, 41°57'N, 19°25'E, h0km, TIR 08 06:01:03.6, 41°54'N, 19°44'E, h7km, ML3.0/5, PDG 08 06:01:03.0-0.1, 41°56'N, 19°30'E, h7km, ML2.7/11, Error ellipse: s-maj=0.1km s-min=0.3km az=0.0

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ulcinj; Tirane; TIR; etc.

NEIC 08 06:25:45.7, 1.4, 18°03'N, 0.01-66°80'W, 0.01, h10km, 1km, ML2.5/22, Error ellipse: s-maj=2.9km s-min=2.2km az=3.0, RSRPR 08 06:25:45.7, 18°05'N, 66°81'W, h4km, 3C-4D, Puerto Rico region

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes station: Obispo Ponce.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Obispo Ponce, Cerrillos, Maguayes, Cabo Rojo, etc.

RSPR 08 06:27:03.9, 18.00N:66.76W, h0km, 1km
NEIC 08 06:27:04.0-0.9, 18.00N:0.02-66.751W, 0.006,
h10km, 4km, ML2.9/24, ML2.7(RSPR), 4C-3D, Error ellipse:
s-maj=3.4km s-min=0.8km az=185.0, Puerto Rico
region

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

RSPR 08 06:32:17.6, 17.99N:66.78W, h10km, 1km, 3C-4D, Puerto
Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Obispo Ponce, Maguayes, Cabo Rojo, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes Esperanza - Ma.

SDD 08 06:32:42.1-2.0, 17.93N:66.73W, h20km, 16km, MD3.4,
ML3.0, MW3.0, Presumed earthquake
NEIC 08 06:32:43.6: 1.9, 17.96N:0.03-66.81W:0.01, h10km, 1km,
ML3.1/22, Error ellipse: s-maj=5.3km s-min=2.9km az=3.0
RSPR 08 06:32:43.4, 17.93N:66.82W, h6km, MD2.5/4, 16C-4D,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Maguayes, Obispo Ponce, Cabo Rojo, etc.

RSPR 08 06:32:43.4, 17.93N:66.82W, h6km, MD2.5/4, 16C-4D,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Esperanza - Ma, Aguadilla, Cabo Rojo, etc.

IDC 08 06:34:32.4-3.6, 40.69N:122.56E, h0km, mbtmp3.3/3,
ML3.3/3, Error ellipse: s-maj=40.0km s-min=19.9km
az=60.0

KEA 08 06:34:35.5, 40.70N:122.67E, h10km, ML3.8/2
ISC 08 06:34:33.0: 2.2, 40.7N:0.1: 122.4E: 0.2, h10km, m5,
@121/8, Northeastern China

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Pyongsong, Pyongyang, Korea Array, etc.

IDC 08 06:41:07.6: 3.0, 2.63N: 128.39E, h212km, 33km, mb3.4/13,
mbtmp4.0/14, Error ellipse: s-maj=32.7km s-min=14.4km
az=84.0

NEIC 08 06:41:08.0: 1.8, 2.7N: 128.4E: 0.1, h210km, 9km,
mb4.3/13, Error ellipse: s-maj=18.5km s-min=14.3km
az=49.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Tanti, Snti, Luwi, etc.

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

FUNV 08 06:44:49.9, 6.78N: 71.96W, h11km, MW2.6, Presumed
earthquake
RSNC 08 06:44:50.8: 0.0, 7.1N: 1.7W: 2W, h15km, 2km, M1.5, ML1.3,
ML2.0

ISC 08 06:44:47.9: 1.5, 6.83N: 0.05: 72.00W: 0.05, h7km, 12km, n9,
@87/18, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PAMC, CAPV, BARC, etc.

NEIC 08 06:51:44.6: 0.9, 17.97N: 0.02: 66.97W: 0.01, h10km, 1km,
ML3.4/24, ML3.7(RSPR), Error ellipse: s-maj=3.8km
s-min=2.5km az=184.0

SDD 08 06:51:44.4: 1.9, 17.94N: 66.96W, h13km, 8km, MD3.3,
ML3.2, MW3.3, Presumed earthquake
RSPR 08 06:51:44.5, 17.97N: 66.97W, h10km
OSPL 08 06:51:45.7: 2.1, 18.01N: 66.94W, h0km, 17km, ML3.4,
Presumed earthquake

ISC 08 06:51:44.3: 0.9, 17.96N: 0.04: 66.94W: 0.02, h10km, 6km,
n45, @67/65, 10C-10D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLPR, Maguayes, Cabo Rojo, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like EMPR, GPCR, HUMP, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like BORS2, PLVB, PDG, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like GPCR, HUMP, HIDR, etc.

SOF 08 07:00:12.1, 41:79N, 01:22:23E, 0.01, h6km, 4km, MD3.2/7

BEO 08 07:00:13.3, 0.3, 41:77N, 22:38E, h0km, ML2.6/15

SKO 08 07:00:13.6, 41:74N, 22:30E, h19km, ML3.1

PDG 08 07:00:14.4, 0.5, 41:75N, 22:33E, h11km, ML3.0/8

THE 08 07:00:15.0, 42:N, 2:22E, h0km, 1km, ML2.7/15

ATH 08 07:00:20.4, 41:39N, 22:40E, h7km, 2km, ML2.6/7, Manual Solution by F.Xalaris First location: 2020/01/08 07:01:47.

ISC 08 07:00:12.7, 1.1, 41:76N, 01:22:34E, 0.02, h6km, 9km, n81, +1942/128, 13C-90, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like VAY, KKB, SKO, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like STVC, KZN, KZN, etc.

NEIC 08 07:00:27.9, 0.8, 18:05N, 01:01:66, 808W, 0.009, h10km, 1km, ML3.6/24, Md2.5/8(RSPR), Error ellipse: s-maj=3.1km s-min=2.1km az=165.0

RSPR 08 07:00:27.6, 18:04N, 66:81W, h8km, 1km, Md2.5/8

SDD 08 07:00:28.3, 1.6, 18:06N, 66:85W, h15km, 10km, MD3.4, ML3.2, MW3.3, Presumed earthquake

OSPL 08 07:00:28.4, 2.2, 17:99N, 66:77W, h0km, 19km, ML3.2, Presumed earthquake

ISC 08 07:00:27.2, 0.8, 18:03N, 01:03:66, 80W, 0.02, h17km, 5km, n48, +181/68, 12C-92, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like OBIP, CELP, UUPR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like AOPR, PRSN, SJC, etc.

JMA 08 07:01:43.5, 0.2, 29:0N, 0:7:13, 0E, h60km, MV3.4/24, NEAR AMAMI-OOSHIMA ISLAND

IDC 08 07:01:45.2, 1.8, 29:03N, 130:07E, h47km, 16km, mb3.5/5, mbtmp3.8/7, ML3.2/2, MS3.3/1, Error ellipse: s-maj=34.4km s-min=19.5km az=108.0

ISC 08 07:01:44.1, 1.1, 28:96N, 0:03:130, 23E, 0.06, h44km, 13km, n27, +1936/36, mb3.8/5, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like JZK, JAK, JAM, etc.

NEIC 08 07:04:10.6, 1.4, 19:74N, 0:02:145, 9E, 0.1, h35km, 1km, mb4.7/92, Error ellipse: s-maj=19.6km s-min=3.7km az=91.0

IDC 08 07:04:10.7, 2.5, 19:71N, 145:96E, h48km, 24km, mb4.0/22, mbtmp4.2/23, ML3.3/1, MS3.1/8, Error ellipse: s-maj=17.8km s-min=11.5km az=76.0

ISC 08 07:04:09.7, 0.4, 19:73N, 0:05:145, 88E, 0.09, h35km, n130, +081/108, mb4.6/67, MS3.0/7, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, H, m, s, ISC. Includes stations like DPSS, GUMO, GUMO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MA2 Magadan, LZDM Lanzhou Arr, WB0 Warrungarra Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like I28M Miner Creek, BVAR Borovoye Array, BORK Borovoye, etc.

SOF 08 07:12:32.7, 41.719N; 0:02:22.21E; 0.06, h02km, 22km, MD2.7H

SKO 08 07:12:35.7, 41.78N; 0:22:26E, h0km, ML2.4 BEO 08 07:12:38.5, 0.5, 41.94N; 0:22:36E, h0km, ML2.0/13

ISC 08 07:12:34.9, 1.2, 41.81N; 0:03:22.34E; 0.03, h7km, 10km, n23, c092/44, 1C, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Valandovo, KKB Krupnik, PLNA Plana, etc.

NOU 08 07:12:59.9, 16.49S; 168.42E, h4km, MLV4.3/18, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like DVP Devils Point, RTV Rentapao, SANVU Sarauotupo, etc.

NEIC 08 07:14:05.5, 1.4, 4.88S; 0:08:15.2; 85E; 0:10, h58km, 6km, mb4.6/18, Error ellipse: s-maj=14.2km s-min=10.8km

IDC 08 07:14:06.1, 5.3, 3.88S; 152.83E; h68km, 43km, mb3.9/14, mbmp4.2/15, ML2.3/1, Error ellipse: s-maj=32.8km s-min=17.0km az=81.0

ISC 08 07:14:03.4, 0.6, 4.93S; 0:07:15.2; 90E; 0:10, h43km, n44, c121/42, mb4.5/20, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like RABL Rabaul, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MANU Manus Island, PMG Port Moresby, etc.

RSNC 08 07:14:11.7, 0.0, 7.1N; 1:7.3W; h144km, 1km, M3.1, IDC 08 07:14:12.3, 4.8, 6.67N; 73.21W, h169km, 32km, mb2.7/3, mbmp3.3/4, Error ellipse: s-maj=87.7km s-min=30.9km az=83.0

FUNV 08 07:14:12.1, 6.73N; 73.02W, h152km, MW3.8, Presumed earthquake

ISC 08 07:14:10.2, 0.8, 6.83N; 0:03:73.12W; 0:04, h150km, 6km, n49, c117/85, mb3.2/3, Northern Columbia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like BARC Barichara, BRUC Barrancabermej, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ortega, Tolima, San Jacinto, C, La Uribe, Meta, etc.

SOF 08 07:15:05.2, 41.79N:0.01x22.24E:0.01, h4km, 4km, MD2.9/6

SKO 08 07:15:06.2, 41.77N:22.26E, h20km, ML2.7

ATH 08 07:15:07.5, 41.76N:22.39E, h7km, 2km, ML2.4/6, Manual

BE0 08 07:15:08.3, 42.14N:4.2E, h16km, 12km, M2.3/7, MLh2.3/7

ISC 08 07:15:06.5, 1.1, 41.79N:0.02-22.26E:0.03, h2km, 10km, n56, e123/85, 8C-3D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Valandovo, Krupnik, Kendrikon, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Balsha, Horliatis, Peshkopia, etc.

VRSS Vrsac 3.40 349 ePn Pn 07 16 02.0 +1.4
BZS Buzias 3.85 353 fPn Pn 07 16 06.6 -0.2
MODS Modra-Piesok 7.47 334 ePn Pn 07 16 56.2 -0.2

RSPR 08 07:18:27.0, 17.95N:66.88W, h5km
NEIC 08 07:18:27.0, 1.0, 17.92N:0.03-66.88W:0.009, h10km, 1km, ML3.3/26, MD2.6/2(RSPR), Error ellipse: s-min=4.3km s-max=2.8km az=347.0

SDD 08 07:18:27.5, 1.7, 17.98N:66.93W, h19km, 8km, MD3.2, ML3.1, MW3.3, Presumed earthquake

ISC 08 07:18:26.8, 1.0, 17.93N:0.05-66.89W:0.02, h1km, 2km, gkm, n37, e072/55, 9C-9D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Magueyes Islan, Magueyes Islan, Cabo Rojo, PR, etc.

TRN 08 07:18:54.2, 16.42N:61.42W, h7km, MD3.6, Grande-Terre, Guadeloupe, Leeward Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like La Diserade, G, Broadband at M, Broadband at L, etc.

RSPR 08 07:23:27.9, 18.06N:66.78W, h3km, 2km, 2C-4D, Puerto Rico region

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

RSPR 08 07:24:08.2, 18.00N:66.78W, h8km, 1km, MD2.4/6

NEIC 08 07:24:08.1, 1.4, 18.01N:0.02-66.764W:0.009, h10km, 1km, ML3.3/22, Error ellipse: s-min=2.9km az=170.0

ISC 08 07:24:06.7, 1.1, 17.99N:0.05-66.76W:0.02, h23km, 6km, n26, e061/44, 2C-5D, Puerto Rico region

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

ASRS 08 07:27:31.0, 2.3, 49.64N:81.65E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022

IDC 08 07:27:35.7, 1.2, 49.75N:81.56E, h0km, mbmp2.6/2, ML2.1/2, Error ellipse: s-maj=18.2km s-min=8.6km az=54.0

MNC 08 07:27:37.1, 1.9, 49.70N:81.50E, h0km, mb3.4, mpv3.1, Error ellipse: s-maj=35.0km s-min=7.3km az=50.0, Suspected Mining explosion.

ISC 08 07:27:34.4, 1.0, 49.52N:0.06-81.31E:0.07, h0km, n11, e1905/13, 4C-2D, Eastern Kazakhstan

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

2020 JAN

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, PAE. Includes stations like Magu Reyes Islan, Magu Reyes Islan, Magu Reyes Islan, etc.

Table with columns: PAE, Station Name, Az, Phase, ID, Time, Res. Includes stations like Papeete2, Papeete2, Papeete2, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res, PAE. Includes stations like Tana Glacier, Tana Glacier, Tana Glacier, etc.

IDC 08 07:29:38.4e.0.7, 54.94S; 128.91W, h0km, mb4.0/9, mbmp4.0/9, MS4.5/42, Error ellipse: s-maj=28.2km s-min=22.0km az=157.0

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

Table with columns: PAE, Station Name, Az, Phase, ID, Time, Res. Includes stations like ASAR, ASAR, ASAR, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res, PAE. Includes stations like TGL, TGL, TGL, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BTO2, LZH, CART, GA2, ULN, SONM, etc.

CATAC 08:07:30.23.6.0.11, N11NE2x8'8W, h21km, M3.5/27, Mlv3.5/27, Error ellipse: s-maj=5.2km s-min=3.0km az=32.7, confirmed, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like COPN, QUEN, SNGA, CNGS, etc.

SDD 08:07:33:23.6.2.3, 17.86N-66.64W, h13km, 140km, MD3.6, ML3.2, MW3.3, Presumed earthquake

NEIC 08:07:33:24.9.0.8, 17.91N-66.71W, 0.01, h10km, 1km, ML3.4/26, Md2.8/(RSPR), Error ellipse: s-maj=3.7km s-min=2.8km az=356.0

RSPR 08:07:33:25.5, 17.95N-66.73W, h7km, MD2.8/7, Error ellipse: s-maj=3.7km s-min=2.8km az=356.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBIP, CELP, MLPR, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SJG, AGPR, GPCR, etc.

HEL 08:07:42:21.2.0.1, 64.14N:26.73E, h0km, ML1.1, Explosion, Finland

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NIF, OUF, OUL, etc.

NIED 08:07:49:45.5, 30.30N:139.15E, h453km, MW4.4, Moment Tensor Solution, s3 Moment tensor: Scale 1015Nm

MOS 08:07:49:45.2.0.9, 30.17N:138.61E, h417km, mb4.5/43, Error ellipse: s-maj=9.8km s-min=5.4km az=105.1

JMA 08:07:49:45.5.0.3, 30.1N:138.61E, h453km, MW4.5/40, NEAR TORISHIMA IS

NEIC 08:07:49:48.2.1.5, 30.27N:138.64E:0.10, h428km, 7km, mb4.4/327, Error ellipse: s-maj=13.7km s-min=10.6km az=134.0

ISC 08:07:49:48.1.0.8, 30.25N:138.61E, h431km, 7km, mb3.9/28, mbmp4.7/35, Error ellipse: s-maj=9.6km s-min=7.7km az=73.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JHJ, JH2, JH3, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JAG, MJAR, MAJO, etc.

Table of seismic events for 8d 8h, including columns for station name, time, magnitude, and location. Includes events like NOA NORSAR Array B, CMB Columbia Cole, and many others.

Main table of seismic events for 2020 JAN, including columns for station name, time, magnitude, and location. Includes events like LPAZ La Paz, RSNIC 08 07:50:43.9, and many others.

Table of seismic events for 528, including columns for station name, time, magnitude, and location. Includes events like UCH Uchtor, MRKS Merke, and many others.

2020 JAN

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like SPB Sao Paulo, PET01 Hanhaem-SP, and many others.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like X48A Hartselle, TKL Tuckaleechee C, SWET Sewanee, and many others.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like TASM ASL Pad, TASM ASL Pad, CBKS Cedar Bluff, and many others.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Pinedale Array, Pinedale Array, Pinedale Array, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Concordia, Ant, Konkordia, Ant, Konkordia, Ant, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Severo-Kuril's, Severo-Kuril's, Severo-Kuril's, etc.

SKHL 08 08:48:20.8d.0.3.48.00N:153.00E, h143km, 7km, mb4.8/4, msh5.6/4
MOS 08 08:48:21.4d.0.8.48.03N:152.86E, h160km, mb4.3/21, Error ellipse: s-maj=9.4km s-min=5.7km az=70.1
NEIC 08 08:48:21.3e.1.2.48.0N:0.1e:152.8E:0.2, h140km, 7km, mb4.4/47, Error ellipse: s-maj=19.7km s-min=10.5km

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like SDDR Presa de Saban, LODEU1 El Espartillar, LONE3 El Aguacate, ANWB Willy Bob, etc.

NEIC 08 09:24:09.0.6, 17.892N:0.008.66.94W.0.01, h10km, 1km, ML3.4/20, Md2.9/7(RSPR), Error ellipse: s-maj=3.2km s-min=2.2km az=336.0

RSPR 08 09:24:10.1, 17.90N:66.95W, h7km, MD2.9/7, ISC 08 09:24:09.3.1.4, 17.87N:0.07.66.94W.0.03, h14km, 7km, n28, o=43/42, 4C-3D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MLPR Magueyes Islan, MLPR Magueyes Islan, CRPR Cabo Rojo, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ECRP Experimental S, EMPR Esperanza - Ma, EMPR Esperanza - Ma, etc.

ISC 08 09:26:18.1.1.0, 51.8N:0.1.75.31E.0.07, h0km, n10, o=113/10, 3C-5D, Eastern Kazakhstan region

ISC 08 09:29:20.0.1.1, 28.36N:91.49E, h0km, mb3.6/6, mbtmp3.6/7, ML3.4/1, MS3.6/2, Error ellipse: s-maj=43.4km s-min=21.2km az=61.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MKAR Makanchi Array, SONM Songo Array, PALK Pallekele, etc.

NEIC 08 09:31:13.3.1.1, 5.69S:0.05.154.4E.0.1, h40km, 10km, mb4.0/19, Error ellipse: s-maj=22.0km s-min=5.1km az=104.0

ISC 08 09:31:14.3.0.0, 5.77S:154.44E, h429km, 35km, mb3.2/9, mbtmp4.0/2, Error ellipse: s-maj=24.7km s-min=17.9km az=107.0

ISC 08 09:31:12.4.0.0, 7.52S:0.09.154.5E.0.1, h400km, n41, o=92/42, mb3.8/18, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like RABL Rabaul, PMG Port Moresby, COEN Coen, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like KNRA Kununurra, STKA Stephens Creek, BBOO Buclelebo, etc.

RSPR 08 09:31:47.8, 17.92N:66.83W, h8km, 1km, MD2.4/7, NEIC 08 09:31:46.5.1.3, 17.85N:0.03.66.82W.0.01, h10km, 2km, ML2.9/24, MD2.4/7(RSPR), 6C-3D, Error ellipse: s-maj=4.7km s-min=3.0km az=4.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MLPR Magueyes Islan, MLPR Magueyes Islan, MLPR Obispo Ponce, etc.

ISC 08 09:34:59.0.1.3, 17.89N:0.04.66.81W.0.006, h10km, 2km, ML3.4/24, MD2.9/6(RSPR), Error ellipse: s-maj=6.1km s-min=3.0km az=355.0

RSPR 08 09:34:60.0, 17.95N:66.85W, h8km, 1km, MD2.9/6, ISC 08 09:34:59.3.1.0, 17.94N:0.05.66.83W.0.02, h17km, 7km, n32, o=35/47, 2C-4D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MLPR Magueyes Islan, MLPR Magueyes Islan, CRPR Cabo Rojo, etc.

NEIC 08 09:34:59.0.1.3, 17.89N:0.04.66.81W.0.006, h10km, 2km, ML3.4/24, MD2.9/6(RSPR), Error ellipse: s-maj=6.1km s-min=3.0km az=355.0

RSPR 08 09:34:60.0, 17.95N:66.85W, h8km, 1km, MD2.9/6, ISC 08 09:34:59.3.1.0, 17.94N:0.05.66.83W.0.02, h17km, 7km, n32, o=35/47, 2C-4D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like MLPR Magueyes Islan, MLPR Magueyes Islan, CRPR Cabo Rojo, etc.

8d 10h

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like Las Mesas, Puerto Rico Se, Puerto Rico Se, etc.

NNC 08 09:43:37.8-0.6, 51.56N-75.25E, h0km, mb3.2, mpv2.8, Error ellipse: s-maj=19.4km s-min=3.8km az=30.0, Suspected Mining explosion.

ISC 08 09:43:40.3-0.8, 51.62N-75.51E, h0km, mbmp3.0/4, ML2.3/4, Error ellipse: s-maj=22.7km s-min=7.2km az=26.0

ISC 08 09:43:38.5-0.9, 51.66N-0.09, 75.38E, h0km, n11, r194/12, 5C-3D, Eastern Kazakhstan

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

BGSI 08 09:45:51.7-1.9, 7.26E, h154km, 38km, ML2.8, ISC 08 09:45:51.2-3.3, 26.52S-0.09, 27.7E, 0.1, h10km, n10, r1503/12, South Africa

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

ISC 08 09:47:05.5-1.9, 7.06S, 129.49E, h120km, 17km, mb3.8/13, mbmp4.3/16, Error ellipse: s-maj=20.6km s-min=12.2km az=80.0

DJA 08 09:47:05.6-0.3, 7.5S, 131.0E, h205km, 8km, MA, 7/13, mb5.2/6, mb4.7/8, ML4.9/13, Mw(B)=4.6/6

NEIC 08 09:47:06.4-2.0, 7.17S, 0.07, 129.42E, h0.04, h134km, 8km, mb4.5/25, Error ellipse: s-maj=11.4km s-min=4.8km az=162.0

ISC 08 09:47:07.2-0.4, 7.31S, 129.48E, h0.06, h150km, n90, r26/26/93, mb4.3/25, 1C, Banda Sea

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

2020 JAN

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

ASAR 08 09:53:43.7-1.5, 17.86N-66.62W, h15km, 7km, MD2.8, ML3.5, MW3.6, Presumed earthquake

NEIC 08 09:53:44.9-1.0, 17.90N-0.04, 66.72W, 0.01, h10km, 1km, ML3.6/24, MD2.4/5(RSPR), Error ellipse: s-maj=6.4km s-min=2.9km az=357.0

ISC 08 09:53:44.9-1.0, 17.90N-0.04, 66.72W, h0km, mb3.3/5, mbmp3.4/6, ML2.5/1, MS3.8/2, Error ellipse: s-maj=33.6km s-min=8.8km az=179.0

RSPR 08 09:53:45.4, 17.94N-66.72W, h7km, 1km, MD2.4/5, ISC 08 09:53:45.4, 17.95N-0.04, 66.73W, 0.02, h13km, 5km, n48, 0.67/65, mb3.5/5, 9C-7D, Puerto Rico region

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

NEIC 08 10:07:36.5-1.2, 17.89N-0.008, 66.88W, 0.01, h10km, 1km, ML3.7/24, ML3.9/8(RSPR), Error ellipse: s-maj=3.1km s-min=1.8km az=346.0

SDD 08 10:07:36.9-1.4, 17.92N-66.91W, h18km, 6km, MD3.5, ML3.6, MW3.6, Presumed earthquake

RSPR 08 10:07:37.2, 17.94N-66.90W, h7km, MD2.8/9, OSPL 08 10:07:38.5-1.6, 17.97N-66.87W, h0km, 11km, ML3.8, Presumed earthquake

ISC 08 10:07:38.5-1.0, 17.92N-0.05, 66.85W, 0.02, h10km, 7km, n42, 0.64/66, 14C-6D, Puerto Rico region

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

NEIC 08 10:07:36.5-1.0, 17.92N-0.05, 66.85W, 0.02, h10km, 7km, n42, 0.64/66, 14C-6D, Puerto Rico region

ISC 08 10:07:36.5-1.0, 17.92N-0.05, 66.85W, 0.02, h10km, 7km, n42, 0.64/66, 14C-6D, Puerto Rico region

ISC 08 10:07:36.5-1.0, 17.92N-0.05, 66.85W, 0.02, h10km, 7km, n42, 0.64/66, 14C-6D, Puerto Rico region

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

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

NEIC 08 10:07:36.5-1.0, 17.92N-0.05, 66.85W, 0.02, h10km, 7km, n42, 0.64/66, 14C-6D, Puerto Rico region

ISC 08 10:07:36.5-1.0, 17.92N-0.05, 66.85W, 0.02, h10km, 7km, n42, 0.64/66, 14C-6D, Puerto Rico region

ISC 08 10:07:36.5-1.0, 17.92N-0.05, 66.85W, 0.02, h10km, 7km, n42, 0.64/66, 14C-6D, Puerto Rico region

ISC 08 10:07:36.5-1.0, 17.92N-0.05, 66.85W, 0.02, h10km, 7km, n42, 0.64/66, 14C-6D, Puerto Rico region

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

NEIC 08 10:07:36.5-1.0, 17.92N-0.05, 66.85W, 0.02, h10km, 7km, n42, 0.64/66, 14C-6D, Puerto Rico region

ISC 08 10:07:36.5-1.0, 17.92N-0.05, 66.85W, 0.02, h10km, 7km, n42, 0.64/66, 14C-6D, Puerto Rico region

ISC 08 10:07:36.5-1.0, 17.92N-0.05, 66.85W, 0.02, h10km, 7km, n42, 0.64/66, 14C-6D, Puerto Rico region

ISC 08 10:07:36.5-1.0, 17.92N-0.05, 66.85W, 0.02, h10km, 7km, n42, 0.64/66, 14C-6D, Puerto Rico region

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

NEIC 08 10:07:36.5-1.0, 17.92N-0.05, 66.85W, 0.02, h10km, 7km, n42, 0.64/66, 14C-6D, Puerto Rico region

ISC 08 10:07:36.5-1.0, 17.92N-0.05, 66.85W, 0.02, h10km, 7km, n42, 0.64/66, 14C-6D, Puerto Rico region

ISC 08 10:07:36.5-1.0, 17.92N-0.05, 66.85W, 0.02, h10km, 7km, n42, 0.64/66, 14C-6D, Puerto Rico region

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

Table with columns: Station Name, Time, Res, ISC, h m s, ISC. Includes stations like Cabo Rojo, PR, Obispo Ponce, Las Mesas, etc.

Table with columns: Station Name, Time, Res, ISC, h m s, ISC. Includes stations like Obispo Ponce, Cerrillos, Las Mesas, etc.

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

Table with columns: Station Name, Time, Res, ISC, h m s, ISC. Includes stations like Port Alice, BC, Port Hardy, Fair Harbour, etc.

ISC 08 10:33:06.0±1.3, 17.86N-66.90W, h0km, mb3.5/6, mbtmp3.6/7, ML3.0/1, MS3.7/1, Error ellipse: s-maj=34.4km s-min=9.3km az=170.0

NEIC 08 10:33:08.0±0.7, 17.94N-66.88W, h0km, mb4.0/2, ML4.1/32, Mwr3.7/21, ML3.4/7(RSPR), Error ellipse: s-maj=5.5km s-min=2.9km az=170.0

Table with columns: Station Name, Time, Res, ISC, h m s, ISC. Includes stations like Maguueyes Islan, Cabo Rojo, PR, Obispo Ponce, etc.

Table with columns: Station Name, Time, Res, ISC, h m s, ISC. Includes stations like Obispo Ponce, Cerrillos, Las Mesas, etc.

Table with columns: Station Name, Time, Res, ISC, h m s, ISC. Includes stations like Presa de Saban, El Espartillar, El Aguacate, etc.

RSPR 08 10:56:05.4, 18.03N-66.80W, h8km, 14km, NEIC 08 10:56:05.0±0.7, 18.03N-66.81W, h10km, 2km, ML2.6/18, ML2.4/7(RSPR), 5C-2D, Error ellipse: s-maj=4.1km s-min=3.0km az=163.0

Table with columns: Station Name, Time, Res, ISC, h m s, ISC. Includes stations like Obispo Ponce, Cerrillos, Las Mesas, etc.

8d 11h

Table with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like Cerrillos, UPR, Puerto Rico Se, etc.

RSRPR 08 11:29:55.8, 17.92N, 66.90W, h7km, MD2.6/8
NEIC 08 11:29:54.9, 1.0, 17.87N, 0.03, 66.874W, 0.005,

h10km, 1km, ML2.7/2.4, MD2.6/8 (RSRPR), 5C-3D, Error ellipse: s-maj=5.8km s-min=3.0km az=175.0, Puerto Rico region

Main table for 8d 11h section with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Maguueys Islan, Cabo Rojo, etc.

NEIC 08 11:33:29.4, 0.8, 17.94N, 0.04, 66.90W, 0.02, h10km, 2km, ML3.6/2.0, Error ellipse: s-maj=7.6km s-min=3.0km az=23.0

ISC 08 11:33:29.1, 1.4, 18.0N, 0.1, 66.89W, 0.05, h23km, n15, #0611/15, Puerto Rico region

Table for NEIC 08 section with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Cabo Rojo, Obispo Ponce, etc.

2020 JAN

Table for 2020 JAN section with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like HUMP, DR12, etc.

ISC 08 11:46:13.3, 1.3, 18.37N, 66.86W, h0km, mb3.3/3, mbtmp3.4/4, ML2.5/1.1, Error ellipse: s-maj=4.1km s-min=9.6km az=25.0

NEIC 08 11:36:15.2, 0.9, 17.93N, 0.03, 66.810W, 0.009, h10km, 2km, mb3.7/1, ML3.8/2.4, ML3.6/9 (RSRPR), Error ellipse: s-maj=5.8km s-min=3.0km az=346.0

RSRPR 08 11:36:15.8, 17.96N, 66.84W, h8km, MD3.1/9 OSPL 08 11:36:16.1, 0.7, 17.92N, 66.82W, h2km, 5km, ML3.5, Presumed earthquake

ISC 08 11:36:14.7, 0.8, 17.94N, 0.04, 66.83W, 0.02, h18km, 2km, n48, #060/65, mb3.5/4, 2C-6D, Puerto Rico region

Main table for 2020 JAN section with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Maguueys Islan, Cabo Rojo, etc.

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Table for 536 section with columns: Station Name, Azimuth, Phase, Time, Res. Includes stations like OBIP, Obispo Ponce, etc.

WEL 08 11:47:57.4, 1.2, 33'S, 26'W, 18.0E, 4.1, h301km, 32km, M3.5/4, ML3.7/8, ML3.5/4, Error ellipse: s-maj=61.8km s-min=15.7km az=120.9, confirmed, South of Kermadec Islands

Main table for 536 section with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like Matakaoa Point, HAZ, etc.

Table with columns: KWHZ, KAHZ, Kahuranaki, 6.76 198, S, P, S, Pn, 11 50 50.5 -0.2, 11 49 35.6 -0.2

NEIC 08 11:49:09.6:1.1, 17.94N:0.04:66.751W:0.005, h10km, 1km, ML3.5/24, ML3.5/7(RSPR), Error ellipse: s-maj=6.2km s-min=2.9km az=356.0

OSPL 08 11:49:11.0:1.6, 17.99N:0.06:67.75W, h0km, 14km, ML3.3, Presumed earthquake

ISC 08 11:49:09.2:0.3, 17.96N:0.05:66.74W:0.003, h18km, 6km, n27, c090/37, Puerto Rico region

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Obispo Ponce, Cerrillos, Magueyes Islan, etc.

NOU 08 11:56:50.0, 21.89S:170.01E, h0km, MLV3.9/10, Southeast of Loyalty Islands, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mare, Loyalty, Pines Island, etc.

MOS 08 12:07:44.9:1.2, 86.28N:35.98E, h10km, mb5.0/52, MS4.5/10, Error ellipse: s-maj=93.1km s-min=4.0km az=90.6

IDC 08 12:07:45.1:0.5, 86.29N:37.40E, h0km, mb4.2/21, mbmp4.2/25, ML3.9/4, MS4.4/86, Error ellipse: s-maj=14.1km s-min=10.7km az=78.0

NEIC 08 12:07:46.4:1.5, 86.23N:0.07:3.0E, h10km, 1km, mb4.9/229, Error ellipse: s-maj=16.9km s-min=11.8km az=92.0

GCMT 08 12:07:47.0:1.1, 86.25N:0.01:36.1E:0.2, h12km, MW5.1/140, Moment Tensor Solution. s46, c61; s140, c244; Duration: 0 Moment tensor: Scale 10^16Nm; Mw=5.87±0.08; M0=4.81±0.08; Mo=1.10±0.28; M2=1.97±0.07; M3=0.03±0.32; Best double couple: M5.86500x10^16 Np1.243.00000°, delta.00000°, lambda.96.00000°. NP2.70.71.00000°, delta.00000°, lambda.85.00000°

Principal axes: T 5.7410, Pigs.0000°, Azm157.0000°; N 0.2490, PIG4.0000°, Azm248.0000°; P -5.9900, PIG84.0000°, Azm168.0000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

GFZ 08 12:07:47.6, 86.35N:34.84E, h11km, MW5.1, Moment Tensor Solution. s72 Moment tensor: Mw=5.20; M2=3.60; M3=1.60; M4=0.46; M5=1.39; M6=0.76; Fault plane solution: NP1.70.71.00000°, delta.00000°, lambda.78.00000°. NP2.70.235.00000°, delta.00000°, lambda.10.00000°. Principal axes: T 4.3100, PIG0.0000°, Azm153.0000°; N 1.0100, PIG8.0000°, Azm243.0000°; P -5.3200, PIG82.0000°, Azm60.0000°

KOLA 08 12:07:48.8, 85.63N:46.30E, h0km, ML2.6 Error ellipse: s-maj=331.0km s-min=68.6km az=130.0, Arctic Ocean Gakkel ridge

FCIAR 08 12:07:49.0, 85.99N:42.31E, h10km, station ZF12 has station magnitude of 4.30 station OMEGA has station magnitude of 4.30

ISC 08 12:07:46.9:0.5, 86.25N:0.03:35.09E:0.04, h15km, 3km, h15km; p-P, n637, c1961/527, mb4.8/194, MS4.4/94, 15C-1D, North of Franz Josef Land

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZF12, Omega, OMEGA, etc.

Main station list table with columns: SPA0, SP1TS, SP1TS, SP1TS, SP1TS, SP1TS, etc. Includes stations like Spitsbergen Ar, Severnaya Zemli, etc.

Main station list table with columns: FINES, FINES, FINES, FINES, FINES, FINES, etc. Includes stations like Kuna River, Kiliik River, etc.

Table with columns: LR, LR, LR, LR, LR, LR, etc. Includes values like 12 22 52.5, 12 13 11.1 +1.6, etc.

8d 12h

2020 JAN

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like H29M Whitestone, H27K Steamboat Moun, G19K Purcell Moun, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like K24K Thornelly Dome, MCK McKinley, RIDG Independent Ri, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like L16K Owhat River, L15K Ungalak Moun, SML Sawmill, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like Ugalikthiuk R, Kivchak River, VORR Voronezh, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like HEH, TUE Stuetta, TUE Shuetta, SHEM Shetya Is, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like ARK Arkit, TRKS Terek-Say, TARG Taragay, etc.

Table with columns: Station Name, Azimuth, Elevation, Magnitude, and other parameters. Includes stations like MLPR, CRPR, OBIP, AGPR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Magnitude, and other parameters. Includes stations like ESDC, RPN, DBIC, TOR, ILAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Magnitude, and other parameters. Includes stations like AGRP, KLV, PVO, GUR, etc.

8d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Res ISC. Includes stations like Cerrillos, Las Mesas, UPRR, Puerto Rico Se, etc.

IDC 08 13:40:37.5:1.5, 17.97N:66.83W, h0km, mb3.4/3, mbmp3.5/4, ML2.7/1, Error ellipse: s-maj=34.3km s-min=10.5km az=174.0

NEIC 08 13:40:38.4:0.9, 17.93N:0.04:66.761W:0.008, h10km:2km, ML3.6/2.6, Error ellipse: s-maj=7.1km s-min=2.9km az=6.0

ISC 08 13:40:38.4:1.1, 17.93N:0.06:66.77W:0.03, h12km:8km, n20, c0:69/24, mb3.6/3, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Res ISC. Includes stations like Obispo Ponce, Cerrillos, UPRR, Puerto Rico Se, etc.

IDC 08 13:43:35.7:1.6, 5.64N:126.06E:0.06, h102km:8km, mb4.5/39, Error ellipse: s-maj=10.5km s-min=1.5km az=119.0

IDC 08 13:43:35.9:0.9, 5.63N:125.85E, h112km:6km, mb4.1/22, mbmp4.4/24, MS2.9/3, Error ellipse: s-maj=23.6km s-min=9.4km az=78.0

DJA 08 13:43:36.0:0.5, 6.15N:5.12E, h82km:12km, M5.0/13, mb5.0/13, mb5.3/8, MLv5.2/11, Mw(MB)4.7/8

ISC 08 13:43:36.6:0.3, 5.67N:126.10E:0.07, h116km:cm2B4, c0:172/286, mb4.5/40, 2C, Mindanao

2020 JAN

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

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

Table with columns: Code, Station Name, Az, El, P, S, Res, and various parameters like SNR, Az, El, P, S, Res.

Table with columns: Code, Station Name, Az, El, P, S, Res, and various parameters like SNR, Az, El, P, S, Res.

Table with columns: Code, Station Name, Az, El, P, S, Res, and various parameters like SNR, Az, El, P, S, Res.

8d 14h

Table with columns for call sign, name, frequency, and various status indicators (P, I, A, M, B, etc.). Includes entries like COLA, COLLEGE, COLA, COLLEGE, COLA, COLLEGE, etc.

Table with columns for call sign, name, frequency, and various status indicators. Includes entries like NNDNU, NOVODNISTROV, VRI, VRI, VRI, etc.

Table with columns for call sign, name, frequency, and various status indicators. Includes entries like OBN, OBN, OBN, OBN, OBN, etc.

Table with columns: EYAK, comp=N,70nm,1.9s, IAML, 15 12 25.9, etc. Lists various stations and their details.

Table with columns: NR1K, NR11N2, H11N3, H11N1, H11S1, H11S2, H11S3, ARCES, SONM, SONM, ZALV, ZALV, FINES, HFS, KURK, KURB, BVAR, MKAR, MKAR, AKASG, GERES, LANS, ESCD, BRTR, CMAR, H03N2, H03N1, H03N3, GSPA, etc. Lists various stations and their details.

Table with columns: SX11, TAP, TAP, WHP, WHP, LIOB, Emei, NSTT, NSTT, TNOU, National Taiwan, YWDT, YWDT, YM01, YM01, TWS1, Kuangyinsinshan, ZHONG, Zhongli, ZUH2, Zuhuzhi, WCS, Beigang Elemen, WGS, WGS, YM08, YM08, IGSD, Ruisui, SBBC, Hsinchu, ANP, Anpu, ANP, ANP, NTST, Danshui, 0.91 338 eP, NTST, Hungye, 0.94 210 eP, EHY, EHY, SMLT, Sun Moon Lake, 0.96 237 eP, SSSLB, Suanglung, 0.96 237 eP, SSSLB, Suanglung, 0.96 237 eP, TQW1, Liyutan, 0.97 272 eP, TQW1, TQW1, NMLH, Miaoili, 0.97 283 eP, NMLH, NMLH, TWY, Chenhua, 0.98 347 eP, TWC, TWC, TYC, Yuchr, 0.98 245 eP, TYC, TYC, JYNG, Yonagunijimaku, 1.02 82 eP, YULB, Yu-li, 1.04 208 eP, YULB, Yu-li, 1.04 208 eP, YULB, YULB, ECBN, Changbin, 1.06 199 eP, TCU, Taichung, 1.07 261 eP, TCU, TCU, TWFT, Yuli, 1.08 207 eP, YOJ, Yonagunijima, 1.08 82 eP, YOJ, Yonagunijima, 1.08 82 eP, YOJ, Yonagunijima, 1.08 82 eP, WHYT, Xinyi Township, 1.09 236 eP, WHYT, WHYT, WNT, Mingjian, 1.14 248 eP, WNT, WNT, YUS, Yu-Shan, 1.15 224 eP, CHKH, Chenggong, 1.19 200 eP, FULB, Fungli, 1.22 204 eP, ALS, Alishan, 1.24 230 eP, CHNS, Tsauling, 1.28 236 eP, CHNS, CHNS, WDL, Haiduan, 1.30 206 eP, WDL, WDL, WDL, Douliou City, 1.33 243 eP, WDL, WDL, WDL, Douliu, 1.34 242 eP, WDL, WDL, ELDTW, Lidau, 1.35 214 eP, ELDTW, ELDTW, WCKO, Fanlu, 1.43 232 eP, WCKO, WCKO, TPUB, Ta-pu, 1.50 228 eP, TPUB, TPUB, STYH, Taoyuan, 1.50 220 eP, STYH, STYH, CHYI, Chiayi, 1.53 238 eP, CHYI, CHYI, WTP, Ta-pu, 1.54 227 eP, TWK, Hsinying, 1.62 230 eP, TWK, TWK, WSF, Sshu, 1.62 246 eP, WSF, WSF, WNST, Tainan City, 1.64 228 eP, WNST, WNST, CHN1, Nanshi, 1.64 227 eP, CHN1, CHN1, WSL, Shuilin Townsh, 1.67 242 eP, WSL, WSL, WSL, Jiashan, 1.68 223 eP, WSL, WSL, SGST, SGST, IRIF, Iriomote-Funau, 1.73 89 eP, IRIF, IRIF, SRI, Sandimen, 1.92 215 eP, SRI, SRI, TRSK, Chigu Township, 1.98 234 eP, TRSK, TRSK, JKRS, Kuro-shima, 1.99 82 eP, JKRS, JKRS, MASBT, Mashibuluo, 2.02 213 eP, MASBT, MASBT, JU, Ishigaki jima, 2.11 88 eP, JU, JU, PHUB, Peng-hu, 2.22 249 eP, PHUB, PHUB, VWUC, VWUC, 2.22 288 eP, VWUC, VWUC, JISG, Ishigakijimahi, 2.27 83 eP, JISG, JISG, NTJ, Tarama, 2.63 82 eP, NTJ, NTJ, KNMB, Chin-men Tao, 3.14 273 eP, KNMB, KNMB, AXDP, Jialiang, 3.56 280 eP, AXDP, AXDP

JMA 08 15:21:23.7 0.1, 241.3N, 0.5x121.8E:0.9, h1km, 4km, M12.8/10, TAIWAN REGION

ISC 08 15:21:23.7 24.33N, 121.80E, h14km, ML3.5, B TAP 08 15:21:23.7 0.8, 24.32N, 0.01, 121.83E:0.02, h13km, 4km, n110.0e64/181, 11CZ-22D, Taiwan

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists station details for the first event.

JMA 08 15:23:34.0 0.2, 24.3N, 0.5x121.8E:0.8, h9km, 4km, TAP 08 15:23:33.9 0.8, 24.32N, 0.01, 121.83E:0.02, h13km, 4km, n110.0e64/181, 11CZ-22D, Taiwan

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists station details for the second event.

Table with columns for station name, frequency, and other technical details. Includes stations like YHNB, FUSS, NWLW, etc.

Table with columns for Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and other technical details. Includes stations like ONAJ, JMWK, JKA, etc.

Table with columns for YAK, frequency, and other technical details. Includes stations like H11N2, H11N1, H11N3, etc.

Bottom section containing various technical notes, coordinates, and additional station information.

Table with columns: Call Sign, Station Name, Frequency, Power, SNR, and other technical details. Includes stations like LPAZ, TXAR, TXAR, TXAR, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, SNR, and other technical details. Includes stations like ASAJ, ILAR, H1N2, H1N3, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, SNR, and other technical details. Includes stations like FURC, ALV, TPO, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, SNR, and other technical details. Includes stations like IDCC, KRSC, BKE, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, SNR, and other technical details. Includes stations like IDC, JMA, Code, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, SNR, and other technical details. Includes stations like FURC, ALV, TPO, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, SNR, and other technical details. Includes stations like PAS, NEIC, Code, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, SNR, and other technical details. Includes stations like MLL, GTM, DSP, etc.

8d 17h

s-min=29.1km az=62.0, Mindoro

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, STKA Stephens Creek.

IDC 08 16:29:03.12.1, 1.89N-126.94E, h0km, mb3.5/4, mbtmp3.5/4, Error ellipse: s-maj=129.1km s-min=25.9km az=64.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include ASAR Alice Springs, CMAR Chiang Mai Arr, MKAR Makanchi Array, KURBB Kurchatov Arra.

NEIC 08 16:29:41.9.1.0, 17.90N-0.04-66.865W, 0.009, h10km, 2km, ML3.1/20, MD2.5/6(RSPR), Error ellipse: s-maj=6.6km s-min=3.0km az=2.0

RSPR 08 16:29:42.9, 17.94N-66.89W, h8km, 1km, MD2.5/6

ISC 08 16:29:42.6-1.3, 17.93N-0.06-66.87W-0.02, h15km, 8km, n25, c076/37, 6-3D, Puerto Rico region

Main table for Mindoro region with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include MLPR Magueyes Isian, CRPR Cabo Rojo, MKAR Makanchi Array, ASAR Alice Springs, etc.

NEIC 08 16:41:02.8-1.1, 17.99N-0.02-66.72W-0.01, h10km, 1km, ML3.4/26, MD2.8/8(RSPR), Error ellipse: s-maj=4.1km s-min=2.7km az=357.0

RSPR 08 16:41:03.0, 17.98N-66.74W, h13km, MD2.8/8

ISC 08 16:41:02.5-1.0, 17.99N-0.04-66.72W-0.02, h19km, 2km, n26, c053/49, 5D, Puerto Rico region

Main table for Puerto Rico region with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include OBIP Obispado Ponce, ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

2020 JAN

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include CRPR Cabo Rojo, LSP Las Mesas, PRSN Puerto Rico Se, etc.

IDC 08 16:46:44.1.1.6, 46.30N-53.17E, h0km, mb3.5/2, mbtmp3.3/5, ML2.9/3, MS3.6/1, Error ellipse: s-maj=49.2km s-min=13.7km az=159.0

ISC 08 16:46:48.1.1.2, 46.22N-53.52E-0.1, h35km, n8, c136/10, 2C-2D, Western Kazakhstan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include AKTO Aktyubinsk, AB31 Akbulak array, KBZ Kurbatov Arra, etc.

IDC 08 17:06:19.5-1.0, 38.86N-143.51E, h0km, mb3.8/13, mbtmp3.8/17, ML3.5/3, Error ellipse: s-maj=22.5km s-min=17.0km az=111.0

NEIC 08 17:06:21.0-0.7, 38.88N-0.07-143.6E-0.2, h10km, 1km, mb4.1/8, Error ellipse: s-maj=20.7km s-min=10.9km az=110.0

NIED 08 17:06:24.8, 38.91N-143.19E, h38km, MW3.8, Moment Tensor Solution, s- Moment tensor: Scale 10^14Nn; Mns-3.4, Mss-5.24, Mss-0.10, Mm-1.22, Mss-2.55, Mm1.76; Fault plane solution: M6: 13000x10^14, NP1: 9.7, 0.000000, 3.8, 0.000000, 3.69, 0.000000, NP2: 303, 0.000000, 6.55, 0.000000, 1.106, 0.000000

JMA 08 17:06:24.8-0.2, 38.9N-0.5-143.2E-0.9, h38km, MV3.7/33, FAR E OFF SANRIKU

ISC 08 17:06:21.0-0.7, 38.92N-0.05-143.38E-0.06, h10km, n57, c180/59, mb4.0/16, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include OFUJ Ofunato, MIYJ Miyakonagasawa, KJMT Kesenumamotoy, etc.

NEIC 08 17:20:39.7, 17.90N-66.84W, h7km, 1km, NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

Main table for Puerto Rico region with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include MLPR Magueyes Isian, MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include H1N3 WAKE ISLAND Hy, SONM Songoiro Array, H1S1 WAKE ISLAND Hy, etc.

IDC 08 17:13:53.4-1.2, 40.48N-141.48E, h0km, mb3.4/4, mbtmp3.3/6, ML3.1/1, Error ellipse: s-maj=83.2km s-min=28.7km az=114.0

JMA 08 17:13:55.0-1.0, 40.41N-0.3-142.3E-0.7, h41km, 1km, MV3.3/35, NE OFF IWATE PREF

ISC 08 17:13:54.5-1.8, 40.34N-0.04-142.22E-0.08, h29km, 13km, n10, c130/23, mb3.4/4, 11D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include JKEN Kujedananarishaw, JKEN Tanohata, JTH Tanohata, etc.

NEIC 08 17:20:39.7, 17.90N-66.84W, h7km, 1km, NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

NEIC 08 17:20:39.0-1.1, 17.86N-0.03-66.81W-0.01, h10km, 2km, ML2.5/25, ML2.1(RSPR), 6C-3D, Error ellipse: s-maj=2.2km s-min=3.0km az=0.0, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AOPR Arcelco Observ, EMPR Esperanza - Ma, etc.

JMA 08 17:31:03.3-0.1, 24°11'N, 0°4'12"E, h27km, 1km, MV2.7/1.1, TAIWAN REGION

TAP 08 17:31:04.2-0.2, 24°14'N, 121°54'E, h25km, ML3.5, B

ISC 08 17:31:04.3-0.8, 24°11'N, 0°01'21.55"E, 0.2, h24km, 4km, n128, s1913/228, 7C-6D, Taiwan

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations across Taiwan and the Philippines.

Main station list table (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations across Taiwan and the Philippines.

NEIC 08 17:41:34.2-0.1, 7.9°35S, 0°07'119'26E, 0.06, h85km, 7km, mb4.4/26, Error ellipse: s-maj=10.6km s-min=8.8km az=211.0

DJA 08 17:41:35.1-0.2, 10°3'S, 119°9'E, h80km, 3km, M4.7/25, mB5.3/6, mb4.8/17, MLV4.7/25, Mw(MB)4.7/6

IDC 08 17:41:36.6-0.2, 9°23'S, 119°46'E, h110km, 23km, mb3.9/12, mbmp4.3/17, MS3.0/5, Error ellipse: s-maj=32.4km s-min=10.8km az=64.0

ISC 08 17:41:34.2-0.4, 9°50'S, 0°04'119'36E, 0.04, h100km, n121, s1918/121, mb4.3/32, Sumba region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations in the Sumba region.

Main station list table (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations across Taiwan and the Philippines.

2020 JAN

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WMIQ, KSH2, MANEM, KBL, MKAR, MAZK, CHGR, HO4N2, HO4N1, HO4N3, KURBB, KURK, ZALV, PETK, BVAR, AB31, QSPA, TORD, CPUP.

NEIC 08 17:47:46.6±1.4, 17.87N±0.04, 66.669W±0.008, h10km, 1km, ML3.0/22, MD2.8/(RSPR), Error ellipse: s-maj=6.1km s-min=2.9km az=354.0

RSPR 08 17:47:47.1, 17.91N±0.06, 66.69W±0.009, h10km, 1km, ML3.0/22, MD2.8/(RSPR), Error ellipse: s-maj=6.1km s-min=2.9km az=354.0

ISC 08 17:47:46.7±1.2, 17.90N±0.06, 66.69W±0.003, h16km±7km, n30, ±0.873/43, 5C-3D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OBIP, CERP, MLPR, CRPR, AOPR, AGPR, PRSN, EMPR, GCPP, IDE, DR12, SDDR.

ISC 08 17:48:28.3±4.0, 10.49S±1.13, 09E, h0km, mb3.0, mbmp3.3/4, ML3.6/1, Error ellipse: s-maj=217.0km s-min=28.2km az=45.0

DJA 08 17:48:40.4±1.0, 9°S±4.11°E, h23km±8km, M4.0/14, mb4.2/3, MLV3.9/14

ISC 08 17:48:37.8±1.0, 9.41S±0.07, 114.63E±0.05, h31km, n23, ±25/10/24, mb3.1/3, South of Bali

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DNP, RTBI, JAGI, KHKI, ABJI, BLJI, TWSI, KMMI, PLAI, SNIJ, DBNI, UGM, WBSI.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WSI, EDFI, FITZ, WRA, ASAR, MKAR, HO4N2, HO4N1, HO4N3.

IDC 08 17:54:34.7±1.2, 0.63N±29.48E, h0km, mb3.9/8, mbmp3.9/9, ML4.2/1, MS3.7/4, Error ellipse: s-maj=32.6km s-min=22.2km az=6.0

NEIC 08 17:54:36.1±2.1, 0.55N±0.07, 29.63E±0.10, h10km, 1km, mb4.5/7, Error ellipse: s-maj=17.1km s-min=10.3km az=247.0

ISC 08 17:54:35.4±0.7, 0.56N±0.08, 29.61E±0.07, h10km, n26, ±232/25, mb4.1/8, MS3.5/3, Zaire

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MBAR, LODK, KMBO, KIBK, FURI, EDA, BOSA, TORD, SUR, DBIC, DBIC.

ISC 08 18:04:00.8±6.2, 9.00S±11.85E, h73km±60km, mb2.7/2, mbmp3.5/5, ML3.6/3, Error ellipse: s-maj=93.2km s-min=35.4km az=60.0

ISC 08 18:04:04.1±1.4, 9.11S±0.09, 119.2E±0.1, h102km, n6, ±274/9, Sumba region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BR131, BRTR, BURAR, GERS, KK31, KK31, MKAR, ARCES, ARCES, ZALV, GSPA, QSPA, FRB.

ISC 08 18:04:00.8±6.2, 9.00S±11.85E, h73km±60km, mb2.7/2, mbmp3.5/5, ML3.6/3, Error ellipse: s-maj=93.2km s-min=35.4km az=60.0

ISC 08 18:04:04.1±1.4, 9.11S±0.09, 119.2E±0.1, h102km, n6, ±274/9, Sumba region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KAPI, BATI, BATI, FITZ, FITZ, WRA, WRA, ASAR, ASAR, MKAR.

TEH 08 18:12:23.9, 29.82N±50.63E, h9km±41km, ML3.2, Presumed earthquake

OMAN 08 18:12:51.4±0.8, 27.62N±51.51E, h10km, mb4.3/3, ml3.4/8, Error ellipse: s-maj=6.0km s-min=4.4km az=165.0

ISC 08 18:12:21.9±1.2, 29.70N±0.06, 50.34E±0.09, h10km, n28, ±168/27, Southern Iran

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KAZZ, DSBU, KLNJ, SHI, AMJ, IBRI, ZNIG, JHBN, IRAM, SHMA, IBAF, TRNA, TRNA, KRN, JKB, SHME, BANOM, ASUD, ASUD.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MASF, ASHO, ASHO, MZR, ALNE, ALNE, ARO, ARO, BSY, NGCH, MHTO, MHTO, DOK, SHAO, DMTO.

NEIC 08 18:23:41.9±1.2, 17.89N±0.03, 66.854W±0.008, h10km±2km, ML3.0/22, Error ellipse: s-maj=4.9km s-min=3.0km az=1.0, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CRPR, CRPR, CRPR, OBIP, CERP, UUPR, UUPR, PRSN, PRSN, AOPR, AOPR, AGPR, AGPR, ECPR, ECPR, EMPR, EMPR, SJG, SJG, GCPP, HUMP.

IDC 08 18:24:00.3±8.0, 20.20S±178.20W, h520km±87km, mb3.2/6, mbmp4.0/6, Error ellipse: s-maj=95.9km s-min=33.5km az=143.0

NEIC 08 18:24:02.9±1.7, 20.5S±0.2, 178.2W±0.2, h550km±7km, mb4.4/15, Error ellipse: s-maj=28.8km s-min=13.6km az=132.0

ISC 08 18:24:00.2±0.9, 20.6S±0.2, 178.0W±0.2, h534km, n31, ±131/30, mb4.2/13, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSVF, BKZ, BKZ, BFZ, LTZ, CTAO, INKA, BBOO, BBOO, WRB, WRB, AS31, ASAR, ASAR, ASAR, ASAR, WBO, WBO, WRA, WRA, MTN, KNRA, SOEI, SOEI, PSA00, PSA00, SEY, SEY, ILAR, PDAR, CMAR, AKAS, AKAB, KIEV, LODK, BRTR, BRTR, BUR08, BUR08, MMAI, MMAI.

RSPR 08 18:24:03.3, 18.01N±66.80W, h8km, 1km, MD2.4/5, NEIC 08 18:24:03.1±1.5, 18.01N±0.03, 66.79W±0.01, h10km±1km, ML3.4/26, MD2.4/5 (RSPR), 6C-2D, Error ellipse: s-maj=4.6km s-min=2.5km az=167.0, Puerto Rico region

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CELP, MLPR, CRPR, etc.

NEIC 08 18:44:13.9, 17.90N, 66.92W, h10km
NEIC 08 18:44:14.6, 1.1, 17.94N, 66.92W, h10km
HATOM comp=E,350nm,0.6s

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CELP, MLPR, CRPR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRSN, AOPR, ECPR, etc.

DR12 Loma Pena Alta 2.58 288
SDDR Presa de Saban 4.38 284
HATOM comp=E,350nm,0.6s

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LONE3, MLTY, ANWB, etc.

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

NEIC 08 18:47:11.7, 1.3, 17.98N, 66.74W, h10km, 1km
ML2.8/24, ML3.1 (RSPR), Error ellipse: s-maj=4.3km
RSPR 08 18:47:12.1, 18.00N, 66.75W, h10km, 1km
ISC 08 18:47:11.3, 1.1, 17.99N, 66.74W, 0.02, h19km, 2km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CUKT, HAKT, YOVA, etc.

mblmp3.8/14,ML3.9/2,MS3.3/3,Error ellipse:
s-maj=19.9km s-min=13.7km az=66.0
ASIES 08 19:06:42.5, 23:91N, 121:66E, h41km, Mw3.9, Fault plane
solution: NP1:phi:204.00000°, delta:833.00000°, lambda:123.00000°
NP2:phi:347.00000°, delta:863.00000°, lambda:171.00000°
TAP 08 19:06:42.4, 23:91N, 121:64E, h40km, ML4.6, B
ISC 08 19:06:40.6, 0.7, 23:87N, 0.0, 121:80E, 0.2, h33km, 1km,
m259, s1947/385, mb4.2/29, 5C-75D, Taiwan

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like TEYL, HWA, SHUL, etc.

Table with columns: Station Name, Time, Res. Lists stations like TATO, TWB1, WCK, etc.

Table with columns: Station Name, Time, Res. Lists stations like KNMB, JIRB, JLYB, etc.

NEIC 08 19:12:16.7, 1.7, 15:8S, 0.1x70:22W, 0.10, h223km, 7km,
mb4.2/5, Error ellipse: s-maj=16.6km s-min=11.8km

az=142.0
IDC 08 19:12:17.5:1.4, 15.16S:69.98W, h205km, 16km, mb3.3/6,
mbtmp3.8/8, Error ellipse: s-maj=56.6km s-min=22.3km
az=24.0

ISC 08 19:12:16.4:0.6, 15.73S:00.70E, h224km, n45,
e1564/49, mb3.7/5, Southern Peru

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

KRSC 08 19:12:57.4:1.5, 58.97N:158.61E, h28km, 13km, Ml3.9

NERS 08 19:12:59.0, 58.76N:158.61E, h1km

ISC 08 19:12:58.7:0.8, 58.77N:0.04:158.75E:0.03, h10km, n17,
e2508/26, Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for Kamchatka Peninsula.

SOME 08 19:34:01.1, 39.10N:71.20E, h10km

IDC 08 19:34:02.5:1.4, 38.68N:70.79E, h0km, mb3.8/6,
mbtmp3.7/12, Ml3.0/5, Error ellipse: s-maj=23.0km
s-min=12.2km az=144.0

NNC 08 19:34:04.2:2.5, 38.88N:70.17E, h0km, mb4.2, mpv3.9,
Error ellipse: s-maj=19.0km s-min=14.3km az=176.0

ISC 08 19:34:07.1:1.3, 39.00N:0.07:70.39E:0.07, h17km, n29,
e309/40, mb3.7/6, 4C-5D, Tajikistan

Code Station Name Az Az' Phase ID Time Res ISC
IUG luzhnay 3.15 355 eP Op 19 35 00.3 +3.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for various regions.

NEIC 08 19:41:12.1:1.1, 17.90N:0.05:66.81W:0.01, h10km, 2km,
Ml3.6/28, Md2.9/RSPR, Error ellipse: s-maj=8.2km
s-min=3.0km az=94.0

RSPR 08 19:41:12.9, 17.94N:66.84W, h9km, Md2.9

ISC 08 19:41:11.7:0.9, 17.90N:0.05:66.82W:0.02, h23km, 7km,
n35, e0956/50, 3C-5D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for Puerto Rico region.

Table with columns: ECPR, comp=N, 5um, 0.2s, IAML, 19 41 36.4. Lists seismic stations and their coordinates.

IDC 08 19:50:34.8:1.9, 8.30S:117.23E, h0km, mb3.2/3,
mbtmp3.5/5, Ml3.3/2, Error ellipse: s-maj=32.9km
s-min=21.2km az=91.0, Sumbawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for Sumbawa region.

NNC 08 19:51:00.9:1.0, 41.43N:74.61E, h0km, mb3.9, mpv3.6,
Error ellipse: s-maj=6.6km s-min=4.6km az=13.0

KRNET 08 19:51:00.7:0.1, 41.43N:74.63E, h17km, mb3.3

KNET 08 19:51:02.5:0.5, 41.53N:74.65E, h15km, 2km, ml2.3, Error
ellipse: s-maj=6.6km s-min=4.6km az=44.0

SOME 08 19:51:02.1, 41.52N:74.58E, h15km

ISC 08 19:51:01.3:1.1, 41.49N:0.02:74.59E:0.02, h6km, 10km,
n82, e153/131, 34C-37Z, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for Kyrgyzstan and other regions.

Table with columns: Station Name, Frequency, Band, Class, and other parameters. Includes stations like SMDR Santo Domingo, SDD Santo Domingo, SDD Saba, etc.

Table with columns: Station Name, Frequency, Band, Class, and other parameters. Includes stations like T57A Iamb, TKL Tuculeeche C, ITTB T50A, etc.

Table with columns: Station Name, Frequency, Band, Class, and other parameters. Includes stations like H21K Melozitna Rive, KDAK Kodiak Island, MODS Nowita Rive, etc.

FURC	Furnace Creek, comp=Z,32nm,1.3s	17.16 141	Iamb	Iamb	20 24 56.2
G27K	Doyon Strip	17.17 345	Iamb	Iamb	20 24 51.1
G27K	Doyon Strip	17.17 345	P	Pn	20 24 39.0 -0.9
G27K	Doyon Strip	17.17 345	P	Pn	20 24 38.3 -1.5
P17K	Kvichak River	17.19 310	P	P	20 24 42.4 +0.6
P17K	Kvichak River	17.19 310	P	P	20 24 41.1 -0.7
F30M	Barrier River	17.20 353	P	Pn	20 24 39.4 -0.9
F30M	Barrier River	17.20 353	P	Pn	20 24 38.9 -1.3
ISA	Isabella, Lake	17.26 146	Iamb	Iamb	20 24 52.9
BPBW	Bear Paw Mtn.	17.36 329	P	Pn	20 24 42.0 -0.2
N18K	Kilae Creek	17.46 315	P	Pn	20 24 43.3 -0.2
FFC	Flin Flon	17.55 66	Iamb	Iamb	20 24 44.7 +0.2
F28M	Old Crow	17.64 348	P	Pn	20 24 45.5 -0.2
F28M	Old Crow	17.64 348	P	Pn	20 24 44.9 -0.9
CHUM	Lake Minchumin	17.67 327	P	Pn	20 24 46.5 +0.4
G26K	Porcupine River	17.68 342	Iamb	Iamb	20 24 57.0
G26K	Porcupine River	17.68 342	P	Pn	20 24 45.6 -0.5
L19K	White Mountain	17.69 320	P	Pn	20 24 46.5 +0.2
H24K	Noodor Dome	17.69 336	Iamb	Iamb	20 24 52.9
H24K	Noodor Dome	17.69 336	P	Pn	20 24 46.2 -0.1
O17K	Koliganek Bris	17.69 311	P	P	20 24 47.7 +0.4
INK	Inuvik	17.75 356	P	Pn	20 24 48.4 +0.5
INK	Inuvik	17.75 356	P	Pn	20 24 45.8 -1.2
M18K	Stony River	17.77 317	P	Pn	20 24 47.6 +0.2
CCCA	Chr Cany Lake	17.79 143	Iamb	Iamb	20 25 02.5
P16K	Nushagak River	17.91 308	P	P	20 24 50.2 +0.5
N17K	Nushagak Hills	18.00 314	Iamb	Iamb	20 25 08.4
N17K	Nushagak Hills	18.00 314	P	Pn	20 24 50.7 +0.1
K20K	Telida	18.00 324	P	P	20 24 49.7 -0.4
G25K	Bearman Lake	18.01 339	P	Pn	20 24 50.0 -0.1
O16K	Kokwok River B	18.12 310	Iamb	Iamb	20 25 01.2
O16K	Kokwok River B	18.12 310	P	Pn	20 24 51.3 -0.2
E29M	Blow River	18.15 351	P	Pn	20 24 51.9 0.0
G24K	Hadweenciv Riv	18.27 338	P	Pn	20 24 52.0 -1.4
F26K	Sheenjek River	18.40 343	Iamb	Iamb	20 25 06.9
F26K	Sheenjek River	18.40 343	P	P	20 24 54.0 -1.1
E27K	Coleen River	18.42 347	P	P	20 24 55.1 -0.2
M17K	Hollitna River	18.44 316	Iamb	Iamb	20 25 04.6
M17K	Hollitna River	18.44 316	P	P	20 24 55.1 -0.5
L18K	Granite Mounta	18.46 319	P	P	20 24 55.5 -0.3
J20K	Nowinta River	18.50 326	Iamb	Iamb	20 25 04.3
J20K	Nowinta River	18.50 326	P	Pn	20 24 55.5 -0.6
KNB	Kanab	18.50 131	Iamb	Iamb	20 25 20.5
E28M	Babbarge River	18.54 349	P	Pn	20 24 57.3 +0.6
F25K	Christian River	18.61 341	Iamb	Iamb	20 25 07.0
F25K	Christian River	18.61 341	P	Pn	20 24 58.7 +1.1
H22K	Ishlaitna Cre	18.70 333	P	P	20 24 57.6 -0.8
N16K	Nishlik Lake	18.71 313	P	Pn	20 24 59.2 +0.3
RSSD	Black Hills	18.86 100	Iamb	Iamb	20 25 00.9 -0.1
RSSD	Black Hills	18.86 100	P	Pn	20 25 06.9
G23K	Bananza Creek	18.92 335	P	P	20 25 00.1 -0.7
J19K	Poorman	18.93 324	P	Pn	20 25 02.3 +0.9
C36M	Paulutuk	18.96 7	Iamb	Iamb	20 25 01.4 0.0
C36M	Paulutuk	18.96 7	P	P	20 25 00.4 -0.8
H21K	Melozitna River	18.97 331	Iamb	Iamb	20 25 09.1
H21K	Melozitna River	18.97 331	P	Pn	20 25 01.2 -0.2
I20K	Naaghedeneel	18.98 327	Iamb	Iamb	20 25 08.4
I20K	Naaghedeneel	18.98 327	P	P	20 25 01.3 -0.1
M16K	Timber Creek	18.99 314	P	Pn	20 25 02.1 0.0
F24K	Squaw Lake	19.03 339	P	P	20 25 01.5 -0.5
E25K	Arctic Village	19.04 342	P	P	20 25 12.8
E25K	Arctic Village	19.04 342	P	P	20 25 01.9 -0.2
J18K	Innok River	19.07 322	P	Pn	20 25 02.9 -0.2
L17K	Domlin	19.11 318	P	P	20 25 03.1 +0.2
D28M	Stokes Point	19.14 351	P	P	20 25 02.9 -0.3
U15A	North Rim	19.22 131	Iamb	Iamb	20 25 12.9
D27M	Malcolm River	19.32 348	Iamb	Iamb	20 25 24.9
COLD	Coldfoot	19.36 336	Iamb	Iamb	20 25 15.3
COLD	Coldfoot	19.36 336	P	Pn	20 25 07.0 +0.4
K17K	Iditarod	19.36 319	P	Pn	20 25 07.0 +0.4
ELS	Elsinore Mount	19.45 146	Iamb	Iamb	20 25 16.9
L16K	Owhat River	19.46 316	Iamb	Iamb	20 25 17.9
L16K	Owhat River	19.46 316	P	Pn	20 25 08.1 +0.2
H20K	Antoleneega Mo	19.54 329	P	P	20 25 08.4 -0.3
E24K	Your Creek	19.61 340	P	Pn	20 25 10.3 +0.6
M15K	Kasigluk River	19.68 312	P	Pn	20 25 10.9 +0.4
G21K	Allakaket	19.76 332	Pn	Pn	20 25 11.3 0.0
G21K	Allakaket	19.76 332	Iamb	Iamb	20 25 21.6
G21K	Allakaket	19.76 332	P	Pn	20 25 11.4 0.0
GCSA	Galena City Sc	19.80 325	P	Pn	20 25 12.1 +0.3
PFO	Pinyon Flats O	19.83 144	P	Pn	20 25 13.7 +1.1
PFO	Pinyon Flats O	19.83 144	P	Pn	20 25 14.0 +1.4
PFO	Pinyon Flats O	19.83 144	Iamb	Iamb	20 25 24.0
E23K	Chandalar	19.86 338	Iamb	Iamb	20 25 27.0
E23K	Chandalar	19.86 338	P	P	20 25 11.6 +0.5

N14K	Kuskokwak Cree	19.96 310	P	Pn	20 25 13.4 -0.3
J17K	VABM Dome	19.97 321	Iamb	Iamb	20 25 19.6
J17K	VABM Dome	19.97 321	P	Pn	20 25 13.4 -0.5
C27K	Jago River	20.06 346	P	Pn	20 25 14.1 -0.8
H19K	Roundabout Mou	20.08 328	P	Pn	20 25 14.3 -0.9
B0RC	Borrego Spring	20.15 144	Iamb	Iamb	20 25 23.9
BC3	Big Chuckawall	20.18 142	Iamb	Iamb	20 25 21.3
D25K	Kavik River	20.23 343	P	P	20 25 15.8 +0.7
F21K	Alatina River	20.24 334	P	P	20 25 15.1 -0.1
M14K	Bethe	20.30 312	P	Pn	20 25 16.9 -0.9
M14K	Bethe	20.30 312	P	Pn	20 25 18.0 +0.3
TOLK	Toolik Lake Re	20.31 340	Iamb	Iamb	20 25 23.9
TOLK	Toolik Lake Re	20.31 340	P	Pn	20 25 17.9 0.0
L15K	Ungalak Mounta	20.35 315	P	Pn	20 25 18.3 -0.1
BLVC	Blythe	20.47 140	P	Pn	20 25 20.2 +0.2
BLVC	Blythe	20.47 140	Iamb	Iamb	20 25 26.7
C26K	Camden Bay	20.50 346	P	Pn	20 25 20.3 +0.2
H18K	Honhosa River	20.55 325	P	Pn	20 25 20.8 +0.1
J16K	Anvik River	20.55 319	P	P	20 25 19.4 +0.8
J16K	Anvik River	20.55 319	Iamb	Iamb	20 25 26.1
J16K	Anvik River	20.55 319	P	Pn	20 25 19.7 -1.0
D24K	Happy Valley	20.56 341	Iamb	Iamb	20 25 58.0
D24K	Happy Valley	20.56 341	P	Pn	20 25 20.6 -0.3
K15K	Wolf Creek Mou	20.58 316	P	P	20 25 19.6 +0.8
K15K	Wolf Creek Mou	20.58 316	P	Pn	20 25 19.9 -1.1
BAR	Barrett	20.59 146	Iamb	Iamb	20 25 28.7
G19K	Purcell Mounta	20.65 329	Iamb	Iamb	20 25 33.0
G19K	Purcell Mounta	20.65 329	P	Pn	20 25 22.6 +0.7
F20K	Avaraart Lake	20.78 332	P	Pn	20 25 22.7 -0.6
L14K	Kuka Creek	20.80 313	P	P	20 25 22.2 +1.0
D23K	Nanushuk River	20.81 339	P	Pn	20 25 23.9 +0.1
I17K	Unalakleet	20.84 321	P	Pn	20 25 23.0 -1.0
M13K	Dall Lake	20.88 311	P	Pn	20 25 23.7 -0.9
YUH	Yuha Desert	20.89 144	Iamb	Iamb	20 25 31.9
Y14A	Wickenburg	20.95 136	Iamb	Iamb	20 25 27.0
C24K	Franklin Bluff	21.01 342	P	P	20 25 22.4 -1.0
C24K	Franklin Bluff	21.01 342	P	P	20 25 23.7 +0.3
H17K	Granite Mounta	21.01 324	P	P	20 25 25.1
H17K	Granite Mounta	21.01 324	P	P	20 25 24.4 +0.9
G18K	Tagagawik	21.05 327	P	P	20 25 24.1 +0.2
G18K	Tagagawik	21.05 327	Iamb	Iamb	20 25 35.3
G18K	Tagagawik	21.05 327	P	P	20 25 24.6 +0.7
D22K	Aiyikyak River	21.22 338	P	Iamb	20 25 53.8
D22K	Aiyikyak River	21.22 338	P	P	20 25 25.8 0.0
D22K	Aiyikyak River	21.22 338	P	P	20 25 25.8 0.0
E21K	Killik River	21.22 336	P	P	20 25 26.5 +0.7
X16A	Lo Mia Camp, P	21.26 133	Iamb	Iamb	20 25 39.7
F19K	Shalerucik Mo	21.28 330	Iamb	Iamb	20 25 33.7
F19K	Shalerucik Mo	21.28 330	P	P	20 25 26.9 +0.4
ESJX	Sierra Juarez	21.46 145	Iamb	Iamb	20 25 32.7
E19K	Redstone River	21.49 331	Iamb	Iamb	20 25 53.1
E19K	Redstone River	21.49 331	P	P	20 25 29.7 +1.1
A36M	Sachs Harbour	21.50 4	P	P	20 25 29.0 +0.3
G17K	Kiwalik Mounta	21.55 325	P	P	20 25 31.4 +2.0
J14K	Nanvaranak Lak	21.61 317	P	P	20 25 32.6 +2.7
E20K	Nigu River	21.70 334	P	P	20 25 31.1 +0.2
H16K	Ellim	21.77 322	P	P	20 25 32.9 +1.2
F18K	Selawik	21.77 328	P	P	20 25 32.7 +1.1
ULM	Lac du Bonnet	21.78 78	P	P	20 25 31.8 -0.1
ULM	Lac du Bonnet	21.78 78	LR	LR	20 32 57.2
ULM	Lac du Bonnet	21.78 78	P	P	20 25 30.9 -1.0
ULM	Lac du Bonnet	21.78 78	Iamb	Iamb	20 25 38.4
C21K	Knifblade Riv	21.94 337	P	P	20 25 34.7 +1.2
D20K	Etiulik River	22.12 334	P	P	20 25 36.4 +1.0
G16K	Koyuk River	22.14 324	Iamb	Iamb	20 26 03.1
G16K	Koyuk River	22.14 324	P	P	20 25 36.8 +1.2
FCC	Fort Churchill	22.16 55	P	P	20 25 34.8 -1.1
FCC	Fort Churchill	22.16 55	Iamb	Iamb	20 25 44.0
B21K	Ikpiqkuk River	22.23 338	Iamb	Iamb	20 25 44.6
B21K	Ikpiqkuk River	22.23 338	P	P	20 25 35.3 -1.3
F17K	Saldwin Pennin	22.23 327	P	P	20 25 38.8 +2.2
UNV	Unalakas Valle	22.26 292	P	P	20 25 38.3 +1.3
D19K	Kuna River	22.40 333	Iamb	Iamb	20 26 05.3
D19K	Kuna River	22.40 333	P	P	20 25 38.4 -0.1
B22K	Teshchuk Lake	22.49 340	P	P	20 25 38.5 -0.8
E18K	Tukpahleark C	22.53 329	Iamb	Iamb	20 25 48.2
E18K	Tukpahleark C	22.53 329	P	P	20 25 41.0 +1.2
BLKN	Baker Lake	22.54 40	P	P	20 25 39.3 -0.6
BLKN	Baker Lake	22.54 40	Iamb	Iamb	20 25 44.3
G15K	Niutuk	22.61 322	P	P	20 25 40.6 -0.2
214A	Organ Pipe Nat	22.73 139	Iamb	Iamb	20 25 49.7
E17K	Hotham Inlet	22.75 328	P	P	20 25 43.8 +1.6
PIX	Pinacate	22.81 141	Iamb	Iamb	20 25 46.7
T25A	Trinidad	22.87 116	Iamb	Iamb	20 25 57.8
ANM	Organ Pipe Nat	22.99 320	P	P	20 25 45.4 +0.7
F15K	North Star Dit	23.13 323	P	P	20 25 46.4 +0.3
B20K	Meads River	23.14 337	P	P	20 25 47.1 +1.0
C19K	Lookout Ridge	23.20 334	P	P	20 25 46.0 -0.9
TUC	Tucson	23.32 135	P	P	20 25 50.2 +1.8

TUC	Tucson	23.32 135	P	P	20 25 58.3
A22K	Sinclair Lake	23.33 340	P	P	20 25 48.5 +0.4
TASM	ASL Pad, Albuq	23.34 123	Iamb	Iamb	20 25 53.5
TASM	ASL Pad, Albuq	23.34 123	Iamb	Iamb	20 25 53.6
TASM	ASL Pad, Albuq	23.34 123	Iamb	Iamb	20 25 51.4
ANMO	Albuquerque	23.34 123	P	P	20 25 50.2 +1.4
ANMO	Albuquerque	23.34 123	LR	LR	20 34 47.6
ABQ	Albuquerque	23.35 123	Iamb	Iamb	20 25 58.4
C18K	Utukok River	23.40 332	P	P	20 25 49.8 +0.9
D17K	Noatak River	23.49 329	P	P	20 25 49.1 -0.6
RDOG	Red Dog Mine	23.61 330	P	P	20 25 51.8 +0.9
F14K	Arctic Creek	23.69 322	P	P	20 25 51.3 -0.4
Y22A	Socorro	23.86 126	Iamb	Iamb	20 25 57.3
C17K	Delong Mountai	23.92 330	P	P	20 25 54.2 +0.3
A21K	Barrow	23.93 339	P	P	20 25 54.8 +0.8
A19K	Wainwright	24.28 335	P	P	20 25 56.3 -1.0
RTBA	Rita Blanca	24.32 115	Iamb	Iamb	20 26 03.6
TNA	Tin Cup	24.34			

Table with columns: BRTR, Keskin Array B, 83.12 312 P, 22 17 52.0 +0.1, etc. Includes stations like Keskin Array B, GRTLQ Ghanzi, SNAAsanae, SNAASanae, BURARBucovina Arry, etc.

Table with columns: RIZ Raoul Island, 0.30 10 P, 22 34 00.8 -1.0, etc. Includes stations like Raoul Island, Matakaoa Point, Pakhihiroa, etc.

Table with columns: CELP Cerrillos, 0.27 50 Sg, 22 49 14.8 +1.5, etc. Includes stations like Cerrillos, Cabo Rojo, PR, etc.

NEIC 08 22:19:04.7±0.8, 17.92N±0.03, 66.91W±0.01, h10km±2km, M2.5/2.3, Error ellipse: s-maj=4.9km s-min=3.0km az=9.0, Puerto Rico region

RSPR 08 22:40:14.0±1.9, 17.98N±0.66, 90W±h6km, 1km, MD2.2/6, M2.5/2.3, Error ellipse: s-maj=5.0km s-min=2.9km az=178.0

IDC 08 22:50:44.0±5.4, 4.84S±132.66E, h0km, mb3.4/1, mbmtmp3.6/3, ML3.2/2, MS3.2/3, Error ellipse: s-maj=340.2km s-min=31.1km az=75.0, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like Cabo Rojo, PR, Obispo Ponce, Cerrillos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like Maguayes Islan, Cabo Rojo, PR, Las Mesas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like Jayapura, Warramunga Arr, Alice Springs, etc.

IDC 08 22:22:16.1±1.9, 3.98S±136.78E, h144km±22km, mb3.5/5, mbtmp4.0/10, Error ellipse: s-maj=26.5km s-min=18.3km az=95.0

RSPR 08 22:40:13.2±1.2, 17.91N±0.06, 66.91W±0.02, h23km, n31, s0597/45, 17C-2D, Puerto Rico region

CRAAG 08 22:51:19.5, 36.53N±1.69E, M12.9, Algrie 03km SW Damous

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like Jayapura, Fak Fak, Sorong, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like Puerto Rico Se, Puerto Rico Se, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like Beni Haoua, Beni Rached, etc.

IDC 08 22:33:21.2±2.9, 3.30'01S±178.90W, h425km, 90km, mb2.9/2, mbtmp3.8/3, Error ellipse: s-maj=89.0km s-min=48.5km az=22.0

SDD 08 22:49:06.7±3.7, 17.85N±66.79W, h6km±17km, MD3.3, M2.5, MW2.8, Presumed earthquake

IDC 08 22:51:19.5±1.9, 36.53N±1.69E, M12.9, Algrie 03km SW Damous

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like Green Lake, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like Obispo Ponce, Maguayes Islan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists stations like Mosqueruela, La Murta, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKAS, SABU, YER, MULA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MMLI, KZIT, YTR, DSI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE, VNA3, ESPZ, SNA, etc.

NNC 09:01:36:08.6:7.37:10N:71.07E, h0km, mb3.6, mpv3.2, 3C-2D, Error ellipse: s-maj=85.8km s-min=46.6km az=143.0, Afghanistan-Tajikistan border region

RSPPR 09:01:41:54.2:17.98N:66.80W, h10km, 1km, MD2.2/9 NEIC 09:01:41:54.1:1.2, 17.98N.0:03:66.795W.0:008, h10km, 1km, ML2.5/24, MD2.3/9(RSPR), 5C-5D, Error ellipse: s-maj=4.7km s-min=2.9km az=173.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KK31, KK3, AAK, AAK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MT09, MT02, SUR, SUR, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like IZV, MDOK, SHLS, KOTS, ARKS, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like MKRS, TDK, KAPS, BTLS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like KSRs, HILR, SONM, MKAR, etc.

Table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like LKRN, G08A, SEKA, LPSR, OBNS, etc.

Table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like AKASG, Main Array Be, AKKB, AK01, etc.

Table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like CPUP, Villa Florida, PKPab, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Ikpikpuk River, Tesheqvak Lake, and various other locations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Scoresbysund, FINESS Array S, and various other locations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Santa Ana, Garzon, Huila, and various other locations.

N16K	Nishlik Lake baz=200	76.97	10	P	P	04 11 08.7 -0.2
O18K	Koktuh Hills	77.06	12	P	P	04 11 09.8 +0.3
O18K	Koktuh Hills	77.06	12	P	P	04 11 09.7 +0.3
TIN	Tinemaha, Big	77.13	46	P	P	04 11 10.7 +0.2
L14K	Kuka Creek	77.20	8	P	P	04 11 10.5 +0.3
PNTR	Pine Nut	77.24	43	P	P	04 11 11.5 +0.3
PNTR	comp=Z,8.0nm,0.8s			I Amb	I Amb	04 11 13.4
GSC	Goldstone, Bar	77.27	48	P	P	04 11 11.5 +0.2
GSC				I Amb	I Amb	04 11 13.3
P19K	Oil Pt	77.29	13	P	P	04 11 10.4 -0.3
N17K	Nushagak Hills	77.30	11	P	P	04 11 10.1 -0.7
BNX	BinXian	77.41	325	P	P	04 11 09.8 -1.9
BNX	comp=Z,9.0nm,0.9s			pmax	pmax	
M16K	Timber Creek	77.46	10	P	P	04 11 11.5 -0.1
DSP	Deep Springs	77.47	46	P	P	04 11 13.4 +1.3
DSP				I Amb	I Amb	04 11 14.8
K13K	Kusilvak Mount	77.53	7	P	P	04 11 12.1 +0.1
LHV	Little Huntoon	77.54	45	P	P	04 11 13.2 +0.6
LHV				I Amb	I Amb	04 11 15.3
O19K	Port Alsworth	77.55	12	P	P	04 11 12.2 +0.1
O19K	Port Alsworth	77.55	12	P	P	04 11 12.4 +0.3
ILSW	Iliamna Southw	77.61	13	P	P	04 11 12.1 -0.5
HOM	Homer	77.65	14	P	P	04 11 12.2 -0.5
SLBS	Sierra La Lagu	77.67	61	P	P	04 11 13.8 +0.1
N18K	Kilae Creek	77.69	11	P	P	04 11 12.4 -0.5
L15K	Ungalak Mounta	77.69	8	P	P	04 11 13.2 +0.4
GRAC	Grapevine Rang	77.70	46	P	P	04 11 13.6 +0.1
RYN	Ryan	77.72	44	P	P	04 11 13.6 -0.2
RYN	comp=Z,7.0nm,1.0s			I Amb	I Amb	04 11 16.0
NVAR	Minna Array Bea	77.77	45	P	P	04 11 15.6 +1.4
NVAR	comp=Z,4.4nm,0.8s,SNR=22					
NVAR	Minna Array Bea	77.77	45	P	P	04 11 14.7 +0.5
FURC	Furnace Creek,	77.79	47	P	P	04 11 14.2 +0.3
FURC				I Amb	I Amb	04 11 16.2
GWY	Greenwater Val	77.79	47	P	P	04 11 14.2 0.0
NV11	Minna Array Sit	77.87	45	P	P	04 11 16.0 +1.4
NV11				I Amb	I Amb	04 11 16.8
BRSE	Bradley Lake S	77.94	14	P	P	04 11 14.0 -0.3
IRM	Iron Mountain	77.94	50	P	P	04 11 16.4 +1.5
IRM	comp=Z,11nm,1.3s			I Amb	I Amb	04 11 21.7
L16K	Owhat River	78.03	9	P	P	04 11 14.9 +0.2
M17K	Holitna River	78.07	10	P	P	04 11 14.5 -0.4
N19K	Gonzanza Creek	78.08	12	P	P	04 11 14.4 -0.7
WCT	Wildcat Mounta	78.12	47	P	P	04 11 16.5 +0.7
K15K	Wolf Creek Moun	78.28	8	P	P	04 11 16.0 -0.1
113A	Mohawk Valley,	78.34	51	P	P	04 11 17.3 +0.3
J05D	Fort Rock, OR	78.45	39	P	P	04 11 17.6 0.0
M18K	Stony River	78.45	11	P	P	04 11 16.3 -0.7
TPNV	Topopah Spring	78.46	47	P	P	04 11 17.8 0.0
TPNV				I Amb	I Amb	04 11 19.9
SEW	Seward	78.57	15	P	P	04 11 17.5 -0.1
L17K	Donlin	78.62	10	P	P	04 11 17.4 -0.4
SLKM	Skilak Lake	78.74	14	P	P	04 11 19.0 +0.4
GAMB	Gambell	78.75	3	P	P	04 11 18.3 -0.1
PINE	Pine Mountain	78.90	39	P	P	04 11 20.4 +0.3
PINE				I Amb	I Amb	04 11 22.4
L18K	Granite Mounta	78.97	10	P	P	04 11 20.3 +0.6
L18K	Granite Mounta	78.97	10	P	P	04 11 19.9 +0.2
K17K	Iditarod	79.16	10	P	P	04 11 21.6 +0.8
L19K	White Mountain	79.27	11	P	P	04 11 21.4 0.0
W13A	Hualapai Mount	79.29	49	P	P	04 11 22.6 +0.2
M20K	Styx River	79.33	12	P	P	04 11 21.7 -0.1
J16K	Anvik River	79.36	8	P	P	04 11 22.8 +1.0
J16K				I Amb	I Amb	04 11 24.2
J16K	Anvik River	79.36	8	P	P	04 11 22.0 +0.2
RC01	Rabbit Creek A	79.36	14	P	P	04 11 21.5 -0.4
Y14A	Wickenburg	79.43	51	P	P	04 11 22.9 -0.1
Y14A				I Amb	I Amb	04 11 33.6
SUA	Susitna One	79.47	13	P	P	04 11 22.6 0.0
PWL	Port Wells	79.50	15	P	P	04 11 22.9 +0.2
PRN	Pahroc Range	79.52	47	P	P	04 11 23.5 0.0
PRN				I Amb	I Amb	04 11 26.0
WVOR	Wild Horse Val	79.60	41	P	P	04 11 23.1 -0.6
WVOR				I Amb	I Amb	04 11 25.9
J17K	VABM Dome	79.68	9	P	P	04 11 24.3 +0.8
SKT	Skwentna	79.75	13	P	P	04 11 24.2 +0.2
M22K	Willow	79.86	14	P	P	04 11 24.1 -0.4
EYAK	Cordova Ski Ar	79.89	16	P	P	04 11 25.1 +0.4
I17K	Unalakleet	79.92	8	P	P	04 11 24.9 +0.1
PNK	Palmer	79.95	14	P	P	04 11 25.5 +0.6
KNK	Knik Glacier	79.95	14	P	P	04 11 24.6 -0.4
ANM	Nome	80.02	6	P	P	04 11 25.6 +0.3
J18K	Innokko River	80.12	10	P	P	04 11 25.7 -0.2
J08A	Circle Bar Ran	80.19	40	P	P	04 11 26.9 +0.1
J08A				I Amb	I Amb	04 11 28.9
SML	Sawmill	80.32	14	P	P	04 11 27.3 +0.2
CUT	Chulitna	80.41	13	P	P	04 11 27.5 +0.2
H16K	Elim	80.44	7	P	P	04 11 27.5 0.0
SIT	Sitka	80.44	23	P	P	04 11 26.9 -0.7
K20K	Telida	80.49	11	P	P	04 11 28.1 +0.2
G15K	Niukluk	80.58	6	P	P	04 11 28.9 +0.7
SCM	Sheep Creek Mo	80.59	15	P	P	04 11 28.5 +0.1
U33K	Whale Pass	80.60	24	P	P	04 11 28.2 -0.3
LCMT	Little Creek M	80.62	48	P	P	04 11 28.9 -0.4
SPR3	Spring Creek 3	80.76	46	P	P	04 11 30.3 +0.1
TNA	Tin City	80.77	5	P	P	04 11 29.3 +0.1
TNA				I Amb	I Amb	04 11 31.2
TNA	Tin City	80.77	5	P	P	04 11 29.4 +0.2
CCUT	Cedar City	80.77	47	P	P	04 11 29.9 -0.3
CRQE	Crque	80.79	17	P	P	04 11 29.0 -0.6
J19K	Poorman	80.80	10	P	P	04 11 29.8 +0.4

X16A	Lo Mia Camp, P	80.80	51	P	P	04 11 31.2 +0.8
F14K	Arctic Creek	80.82	5	P	P	04 11 30.1 +0.6
PSUT	Pine Spring	80.88	46	P	P	04 11 31.4 +0.7
KNB	Kanab	80.92	48	P	P	04 11 32.6 +1.6
SZCU	Shurtz Canyon	80.99	47	I Amb	I Amb	04 11 33.8
S32K	Killisnoo	81.02	23	P	P	04 11 31.0 +0.4
H17K	Granite Mounta	81.03	8	P	P	04 11 31.3 +0.7
U15A	North Rim	81.04	49	I Amb	I Amb	04 11 34.4
N25K	Chitina, Valde	81.09	16	P	P	04 11 31.7 +0.6
PINM	Pinnacle	81.10	19	P	P	04 11 31.1 0.0
M24K	Tolsona, Glenn	81.11	15	P	P	04 11 31.7 +0.6
WAT6	Susitna Watana	81.13	14	P	P	04 11 31.3 -0.1
G16K	Koyuk River	81.15	7	P	P	04 11 31.8 +0.6
HAWA	Hanford	81.16	37	I Amb	I Amb	04 11 33.6
WAT1	Susitna Watana	81.16	14	P	P	04 11 31.4 0.0
F15K	North Star Dit	81.21	6	P	P	04 11 31.4 -0.1
J20K	Nowinta River	81.23	11	P	P	04 11 31.1 -0.6
GCSA	Galena City Sc	81.29	9	P	P	04 11 31.9 -0.1
CHUM	Lake Minchumin	81.30	12	P	P	04 11 32.1 +0.1
TRF	Thorofare Moun	81.33	13	P	P	04 11 31.9 -0.5
MCARA	McCarthy VSAT	81.33	17	P	P	04 11 31.9 -0.3
H17K	Honhosa River	81.45	9	P	P	04 11 33.0 +0.2
G18K	Kiwalik Mounta	81.47	8	P	P	04 11 33.0 +0.1
CTG	Chitna Glacier	81.47	18	P	P	04 11 33.5 +0.4
RND	Reindeer	81.60	13	P	P	04 11 34.3 +0.6
RND				I Amb	I Amb	04 11 34.9
HARP	HAARP	81.61	15	P	P	04 11 33.7 0.0
EPH	Epilata	81.64	36	I Amb	I Amb	04 11 35.4
O28M	Mount Upton	81.65	18	P	P	04 11 34.4 +0.1
MTPU	Mount Pierson	81.83	47	I Amb	I Amb	04 11 38.9
PLBC	Pleasant Camp	81.86	20	P	P	04 11 35.4 +0.4
MCK	McKinley	81.87	13	I Amb	I Amb	04 11 35.9
MCK	McKinley	81.87	13	P	P	04 11 35.2 +0.2
TCRU	Three Creeks R	81.89	47	I Amb	I Amb	04 11 38.8
PAX	Paxson	82.01	15	P	P	04 11 36.3 +0.4
H19K	Roundabout Mou	82.09	9	I Amb	I Amb	04 11 37.9
H19K	Roundabout Mou	82.09	9	P	P	04 11 36.8 +0.8
G18K	Tagagavik	82.11	8	I Amb	I Amb	04 11 37.5
G18K	Tagagavik	82.11	8	P	P	04 11 36.1 0.0
P30M	Million Dollar	82.16	20	P	P	04 11 36.8 +0.2
M26K	Nabesna, AK	82.17	16	I Amb	I Amb	04 11 38.0
M26K	Nabesna, AK	82.17	16	P	P	04 11 36.7 0.0
YUK8	Steele Glacier	82.19	18	P	P	04 11 37.3 +0.3
F17K	Baldwin Pennin	82.28	7	P	P	04 11 38.1 +1.1
F10A	Beach Ranch, E	82.30	38	I Amb	I Amb	04 11 39.0
H20K	Andolegga Mo	82.31	10	P	P	04 11 37.6 +0.4
YUK3	Moose Creek	82.37	17	P	P	04 11 38.4 +0.5
M27K	Edge Creek, AK	82.44	17	P	P	04 11 38.8 +0.7
HYT	Haines Junctio	82.53	19	P	P	04 11 39.0 +0.4
G19K	Purcell Mounta	82.57	9	I Amb	I Amb	04 11 40.1
G19K	Purcell Mounta	82.57	9	P	P	04 11 39.0 +0.5
YUK4	Talbot Arm	82.57	18	P	P	04 11 39.8 +0.9
NEA2	Nenana	82.59	13	P	P	04 11 38.9 +0.2
L26K	Log Cabin Wild	82.60	16	P	P	04 11 39.6 +0.9
PLID	Plid Lake	82.60	40	P	P	04 11 39.5 +0.1
S34M	Telegraph Cree	82.64	24	P	P	04 11 38.5 -0.5
MLY	Manley	82.64	12	I Amb	I Amb	04 11 39.5
MLY	Manley	82.64	12	P	P	04 11 39.2 +0.2
K24K	Donnelly Dome	82.65	14	P	P	04 11 39.4 +0.4
BVCY	Beaver Creek	82.77	17	P	P	04 11 40.1 +0.4
RIDG	Independent Ri	82.82	15	I Amb	I Amb	04 11 41.1
RIDG	Independent Ri	82.82	15	P	P	04 11 40.1 +0.2
H21K	Melozitna Riv	82.82	11	I Amb	I Amb	04 11 41.5
H21K	Melozitna Riv	82.82	11	P	P	04 11 40.0 +0.2
E17K	Hotham In					

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like D23K, B20K, I30M, F26K, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like DEMI Demirci, KURO Ayfon-Bolvardin, KURO Ayfon-Bolvardin, etc.

RSPR 09 04:36:39.2, 18.00N:66.75W, h15km, 1km, MD2.3/10
NEIC 09 04:36:39.0, 1.6, 18.02N:0.02:66.73W:0.01, h10km, 1km,
ML2.6/24, MD2.3/10(RSPR), 7C-3D, Error ellipse:
s-maj=4.2km s-min=2.7km az=167.0, Puerto Rico
regio

JMA 09:04:55:18.2, 0.7, 44°N:15°15'E, h30km, MV4.0/11, FAR
SE OFF KURILE ISL, East of Kuril Islands

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BOVS Bovan, COVR Voivassa-Covas, TURR Turia, etc.

SDD 09 05:03:12.9; 1.0, 17.99N; 66.84W, h23km, 5km, MD3.3, ML4.2, MW4.3, Presumed earthquake
NEIC 09 05:03:13.3, 18.00N; 66.83W, h11km
NEIC 09 05:03:13.3, 18.00N; 66.83W, h16km, Moment Tensor Solution. Moment tensor: Scale 10^19 Nm; Mrr=-1.39; Mss=1.39; Mtt=0.00; Mrr-0.24; Mss-0.24; Mtt-0.63; Fault plane solution: Mo=1.72000e+10; Np1: 223.00000, 551.00000, -124.00000. NP2: 90.00000, 150.00000, -55.00000. Principal axes: T: 1.7215, Plg1: 0.0000, Azm336.0000; N: -0.0007, Plg2: 0.0000, Azm246.0000; P: -1.7208, Plg3: 0.0000, Azm67.0000;

OSPL 09 05:03:13.3, 18.00N; 66.83W, h11km
NEIC 09 05:03:13.5, 1.3, 18.00N; 02:66.82W, 0.009, h10km, 1km, nb4.5/38, ML4.5/36, MwR4.2/25, ML4.2(RSPR), MwR4.1/11(SLM), Error ellipse: s-maj=4.1km s-min=2.9km az=162.0, Moment Tensor Solution. Moment tensor: Scale 10^19 Nm; Mrr=-2.2; Mss=2.02; Mtt=0.23; Mrr-0.46; Mss-1.10; Mtt-0.76; Fault plane solution: Mo=2.57000e+10; Np1: 84.47000, 549.83000, -61.80000. NP2: 224.74000, 547.66000, -119.24000. Principal axes: T: 2.5419, Plg1: 0.0000, Azm155.0000; N: 0.0485, Plg2: 0.0000, Azm245.0000; P: -2.5904, Plg3: 0.0000, Azm62.0000;

OSPL 09 05:03:14.4; 2.0, 17.98N; 66.80W, h0km, 13km, ML4.2, Presumed earthquake
ISC 09 05:03:12.7-0.8, 17.96N; 03:66.82W, 0.02, h16km, 4km, n129, c18/18/149, mb4.4/38, MS3.6/5, 14C-10D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Maguayes Islan, Obispo Ponce, Cabo Rojo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Windy Hill, Willy Bob, Broadband at M, etc.

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

KRMR	Karymshinskiy	11.69	222	eP	Pn	08 40 56.5 +0.9
J14K	Nanvaranak Lak	11.74	76	P	Pn	08 40 54.6 -1.7
J14K	Nanvaranak Lak	11.74	76	P	Pn	08 40 55.0 -1.3
J14K	baz=279			S	Sn	08 43 03.5 -3.7
AMKA	Amchitka	11.81	154	P	Pn	08 40 57.7 +0.4
GRL	Gorelyy	11.95	221	eP	Pn	08 40 59.3 -0.1
G16K	Koyuk River	12.12	63	P	Pn	08 40 58.9 -2.6
G16K	baz=268,SNR=94	12.12	63	P	Pn	08 40 59.9 -1.6
G16K	baz=268			S	Sn	08 43 15.2 -1.3
H16K	Elim	12.16	67	P	Pn	08 41 00.6 -1.5
H16K	baz=271,SNR=342			S	Sn	08 43 17.7 +0.2
D17K	Noatak River	12.17	52	P	Pn	08 40 59.7 -2.4
D17K	baz=256,SNR=152			S	Sn	08 43 20.6 +2.8
RDOG	Red Dog Mine	12.33	51	P	Pn	08 41 02.9 -1.4
RDOG	baz=255,SNR=143			S	Sn	08 43 22.7 +1.1
RDOG	Red Dog Mine	12.33	51	P	Pn	08 41 04.9 +0.6
GSTR	Great Sitkin T	12.35	140	P	Pn	08 41 03.4 -1.2
ADK	Adak	12.35	142	P	Pn	08 41 03.1 -1.5
ADK	Adak	12.35	142	P	Pn	08 41 05.4 +0.8
ADK	Adak	12.35	142	P	Pn	08 41 03.1 -1.5
ADK	Adak	12.35	142	P	Pn	08 41 01.7 -2.9
C17K	DeLong Mountai	12.35	49	P	Pn	08 41 02.6 -2.0
C17K	baz=252			S	Sn	08 43 24.0 +1.8
M13K	Dali Lake	12.42	87	P	Pn	08 41 04.3 -1.2
L14K	Kuka Creek	12.44	83	P	Pn	08 41 04.6 -1.2
L14K	baz=286			S	Sn	08 43 25.7 +1.3
E17K	Hotham Inlet	12.52	56	P	Pn	08 41 05.8 -1.1
E17K	baz=260			S	Sn	08 43 26.3 +0.1
KDTR	Khodutka, Kamc	12.59	220	eP	Pn	08 41 07.8 -0.2
KDTR	Khodutka, Kamc	12.59	220	eP	Pn	08 41 07.9 -0.2
F17K	Bhadwin Pennin	12.65	59	P	Pn	08 41 07.1 -1.7
F17K	baz=264			S	Sn	08 43 28.2 -1.4
K15K	Wolf Creek Mou	12.74	78	P	Pn	08 41 08.9 -1.1
K15K	Wolf Creek Mou	12.74	78	P	Pn	08 41 08.5 -1.5
K15K	baz=282			S	Sn	08 43 29.7 -2.1
G17K	Kiwalik Mounta	12.84	63	P	Pn	08 41 10.3 -1.0
G17K	baz=269,SNR=484			S	Sn	08 43 32.6 -1.4
ATKA	Atka Island	12.84	135	P	Pn	08 41 09.5 -1.9
ATKA	Atka Island	12.84	135	P	Pn	08 41 14.2 +2.8
ATKA	Atka Island	12.84	135	P	Pn	08 41 08.1 -3.3
ATKA	Atka Island	12.84	135	P	Pn	08 41 06.9 -4.5
I17K	Unalakleet	12.88	70	P	Pn	08 41 12.1 +0.3
I17K	Unalakleet	12.88	70	P	Pn	08 41 10.8 -1.0
I17K	baz=276,SNR=78			S	Sn	08 43 34.2 -0.7
L15K	Ungalak Mounta	12.91	80	P	Pn	08 41 11.4 -0.9
L15K	baz=285,SNR=40			S	Sn	08 43 33.9 -1.9
M14K	Bethel	12.95	85	P	Pn	08 41 12.1 -0.8
M14K	Bethel	12.95	85	P	Pn	08 41 12.8 -0.1
M14K	baz=289,SNR=78			S	Sn	08 43 36.5 -0.4
J16K	Anvik River	12.99	73	P	Pn	08 41 11.9 -1.5
J16K	Anvik River	12.99	73	P	Pn	08 41 13.1 -0.3
J16K	baz=279,SNR=71			S	Sn	08 43 35.8 -2.0
E18K	Tukpahlearik C	13.04	54	P	Pn	08 41 13.2 -0.9
E18K	baz=260			S	Sn	08 43 40.2 +1.1
C18K	Utukok River	13.10	49	P	Pn	08 41 13.1 -1.8
C18K	baz=254			S	Sn	08 43 45.7 +5.2
H17K	Granite Mounta	13.15	66	P	Pn	08 41 13.8 -1.8
H17K	baz=272,SNR=313			S	Sn	08 43 44.6 +2.9
N14K	Kuskokwak Cree	13.37	88	P	Pn	08 41 16.9 -1.6
M15K	Kasigluk River	13.56	84	P	Pn	08 41 20.5 -0.7
M15K	baz=289,SNR=51			S	Sn	08 43 48.7 -3.2
A19K	Wainwright	13.64	43	P	Pn	08 41 22.1 -0.2
A19K	baz=248			S	Sn	08 43 55.5 +1.9
J17K	VAM Dome	13.65	72	P	Pn	08 41 20.8 -1.6
J17K	baz=279,SNR=174			S	Sn	08 43 53.5 -0.5
G18K	Tagagawik	13.67	61	P	Pn	08 41 21.6 -1.0
G18K	baz=269			S	Sn	08 43 55.5 +1.0
C19K	Lookout Ridge	13.78	48	P	Pn	08 41 23.0 -1.2
C19K	baz=255			S	Sn	08 43 57.8 +0.6
H18K	Honhosa River	13.80	64	P	Pn	08 41 23.8 -0.6
H18K	baz=272,SNR=74			S	Sn	08 43 59.2 +1.6
L16K	Ohwat River	13.83	79	P	Pn	08 41 24.0 -0.7
L16K	baz=286,SNR=137			S	Sn	08 43 55.9 -2.2
O14K	Tigykaiuvet M	13.83	90	P	Pn	08 41 24.9 +0.1
O14K	baz=295,SNR=55			S	Sn	08 44 00.1 +1.8
N15K	Kwethluk River	14.02	86	P	Pn	08 41 26.4 -1.1
N15K	baz=291			S	Sn	08 44 01.6 -1.4
F19K	Shalercuck Mo	14.07	58	P	Pn	08 41 27.8 -0.3
F19K	baz=266			S	Sn	08 44 06.6 +2.5
K17K	Iditarod	14.12	75	P	Pn	08 41 28.4 -0.5
K17K	baz=282			S	Sn	08 44 07.4 +1.9
D19K	Kuna River	14.16	51	P	Pn	08 41 28.8 -0.6
D19K	baz=259			S	Sn	08 44 11.6 +5.2
SKR	Severo-Kuril's	14.18	222	eP	Pn	08 41 32.8 +3.2
SKR	baz=266			S	Sn	08 44 11.2 +4.4
SKR	comp=Z,2um,3.6s			pmax	pmax	
SKR	comp=Z,3um,1.0s			pmax	pmax	
SKR	comp=Z,72um,13.0s			MLR	MLR	
NIKH	Nikolski High	14.19	122	P	Pn	08 41 28.2 -1.5
NIKH	Nikolski High	14.19	122	P	Pn	08 41 32.2 +2.5
NIKH	Nikolski High	14.19	122	P	Pn	08 41 28.7 -1.0
NIKH	baz=319			S	Sn	08 44 03.8 -3.3
L17K	Donlin	14.26	77	P	Pn	08 41 31.0 +0.4
L17K	baz=284,SNR=147			S	Sn	08 44 08.5 -0.2
M16K	Timber Creek	14.26	82	P	Pn	08 41 31.2 +0.4
M16K	baz=288,SNR=77			S	Sn	08 44 05.8 -3.1

G19K	Purcell Mounta	14.32	60	P	Pn	08 41 32.2 +0.7
G19K	baz=269,SNR=456			S	Sn	08 44 13.8 +3.7
E19K	Redstone River	14.34	55	P	Pn	08 41 32.6 +0.8
E19K	baz=264,SNR=857			S	Sn	08 44 14.0 +3.4
GCSA	Galena City Sc	14.45	66	P	Pn	08 41 32.7 -0.6
GCSA	baz=275,SNR=690			S	Sn	08 44 15.7 +2.3
UNV	Unalaska Valle	14.52	115	P	Pn	08 41 32.9 -1.4
UNV	Unalaska Valle	14.52	115	P	Pn	08 41 36.8 +2.4
UNV	Unalaska Valle	14.52	115	P	Pn	08 41 32.8 -1.4
UNV	baz=315,SNR=5.2			S	Sn	08 44 14.8 -0.2
N16K	Nishlik Lake	14.53	84	P	Pn	08 41 34.9 +0.4
N16K	baz=290			S	Sn	08 44 19.0 +3.6
O15K	Ungalikthiuk R	14.54	89	P	Pn	08 41 34.7 +0.2
O15K	baz=295			S	Sn	08 44 24.0 +8.5
H19K	Roudabout Mou	14.59	63	P	Pn	08 41 35.9 +0.7
H19K	baz=272			S	Sn	08 44 17.5 +0.9
AKUT	Akutun	14.63	113	Pn	Pn	08 41 33.6 -2.1
AKUT	Akutun	14.63	113	P	Pn	08 41 37.6 +1.9
AKUT	Akutun	14.63	113	P	Pn	08 41 36.2 +0.5
J18K	Innoko River	14.69	71	P	Pn	08 41 37.1 +0.6
J18K	baz=280,SNR=700			S	Sn	08 44 21.9 +2.6
D20K	Etiulik River	14.75	50	P	Pn	08 41 37.9 +0.6
D20K	baz=260			S	Sn	08 44 23.4 +2.8
E20K	Nigu River	14.83	52	P	Pn	08 41 38.3 -0.2
E20K	baz=262			S	Sn	08 41 38.4 -0.3
B20K	Meade River	14.85	45	P	Pn	08 41 38.4 -0.3
B20K	Meade River	14.85	45	P	Pn	08 41 38.4 -0.3
M17K	Holitna River	14.85	79	P	Pn	08 41 39.1 +0.4
M17K	baz=288,SNR=67			S	Sn	08 44 24.2 +1.1
F20K	Avaraart Lake	14.89	57	P	Pn	08 41 39.7 +0.5
F20K	baz=267			S	Sn	08 44 26.3 +2.3
L18K	Granite Mounta	14.97	76	P	Pn	08 41 40.6 +0.3
L18K	baz=285,SNR=130			S	Sn	08 44 28.6 +2.7
J19K	Poorman	15.09	69	P	Pn	08 41 42.2 +0.3
J19K	baz=279,SNR=359			S	Sn	08 44 32.0 +3.2
O16K	Kokwok River B	15.18	86	P	Pn	08 41 43.1 0.0
O16K	baz=279,SNR=51			S	Sn	08 44 35.5 +4.5
FALS	False Pass	15.18	108	Pn	Pn	08 41 42.3 -0.9
FALS	False Pass	15.18	108	P	Pn	08 41 46.2 -2.1
FALS	False Pass	15.18	108	P	Pn	08 41 41.3 -1.9
FALS	baz=310			S	Sn	08 44 36.1 +4.9
H20K	Anotleneega Mo	15.24	63	P	Pn	08 41 43.9 0.0
H20K	baz=274,SNR=293			S	Sn	08 44 36.0 +3.3
N17K	Nushagak Hills	15.25	82	P	Pn	08 41 43.7 -0.3
N17K	baz=291			S	Sn	08 44 37.5 +4.7
A21K	Barrow	15.42	40	P	Pn	08 41 45.0 -1.3
A21K	baz=250,SNR=503			S	Sn	08 44 33.3 -3.6
P16K	Nushagak River	15.46	88	P	Pn	08 41 45.7 -1.1
P16K	comp=Z,2um,1.5s			IAMB	IAMB	08 41 53.7
I20K	Naghdeneel	15.47	65	P	Pn	08 41 46.6 -0.2
C21K	Kaieblad Ridge	15.48	49	P	Pn	08 41 47.1 +0.1
C21K	baz=260			S	Sn	08 44 38.9 +0.6
M18K	Stony River	15.56	78	P	Pn	08 41 47.1 -1.1
M18K	baz=288			S	Sn	08 44 50.2 -5.9
O17K	Kolaneek Bris	15.57	85	P	Pn	08 41 47.0 -1.3
O17K	baz=293			S	Sn	08 44 43.5 +2.9
B21K	Ikpiqkuk River	15.62	47	P	Pn	08 41 48.1 -0.8
B21K	baz=259			S	Sn	08 44 41.7 0.0
E21K	Killik River	15.67	52	P	Pn	08 41 48.6 -1.0
J20K	Nowinta River	15.70	68	P	Pn	08 41 49.1 -0.8
J20K	comp=Z,1um,1.3s			IAMB	IAMB	08 41 56.1
J20K	Nowinta River	15.70	68	P	Pn	08 41 50.2 +0.3
J20K	baz=279,SNR=295			S	Sn	08 44 46.8 +3.1
G21K	Allakaket	15.76	59	P	Pn	08 41 51.1 +0.3
G21K	baz=271			S	Sn	08 44 49.4 +4.1
F21K	Alatna River	15.77	56	P	Pn	08 41 51.4 +0.5
F21K	baz=269			S	Sn	08 44 48.6 +3.0
N18K	Kilae Creek	15.79	81	Pn	Pn	08 41 50.4 -0.9
N18K	Kilae Creek	15.79	81	Pn	Pn	08 41 50.2 -1.0
N18K	baz=290,SNR=77			S	Sn	08 44 49.2 +3.1
L19K	White Mountain	15.81	75	P	Pn	08 41 51.1 -0.3
L19K	baz=286,SNR=83			S	Sn	08 44 49.3 +2.8
K20K	Telida	15.88	71	P	Pn	08 41 51.9 -0.4
K20K	baz=282,SNR=56			S	Sn	08 44 49.2 +1.0
H21K	Melozitna River	16.09	62	P	Pn	08 41 54.5 -0.5
H21K	baz=275,SNR=468			S	Sn	08 44 58.5 +5.2
P17K	Kvichak River	16.11	86	P	Pn	08 41 54.8 -0.4
P17K	baz=295,SNR=59			S	Sn	08 41 54.7 -1.2
B22K	Teshkepuk Lake	16.17	45	P	Pn	08 41 56.4 +1.3
B22K	baz=258			S	Sn	08 44 56.6 +0.4
D22K	Ayikyak River	16.19	50	P	Pn	08 41 56.6 +0.4
D22K	baz=264,SNR=769			S	Sn	08 44 56.7 +1.1
SDPT	Sand Point	16.21	102	Pn	Pn	08 41 55.5 -0.9
SDPT	comp=Z,2um,1.7s			IAMB	IAMB	08 42 02.3
SDPT	Sand Point	16.21	102	P	Pn	08 41 57.5 +1.0
SDPT	Sand Point	16.21	102	P	Pn	08 41 56.1 -0.4
SDPT	baz=307			S	Sn	08 45 10.2 +0.9
Q16K	King Salmon	16.23	8			

2020 JAN

Table with columns: Station ID, Name, Date, Time, Azimuth, Elevation, Status, etc. Includes stations like G24K, CHIR, WRH, Q20K, etc.

Table with columns: Station ID, Name, Date, Time, Azimuth, Elevation, Status, etc. Includes stations like YAK, M23K, F26K, etc.

Table with columns: Station ID, Name, Date, Time, Azimuth, Elevation, Status, etc. Includes stations like F28M, GLB, M26K, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ELK, ZSN, ZSH, ZNS, ZNR, ZNW, ZNY, ZNZ, ZOB, ZOC, ZOD, ZOE, ZOF, ZOG, ZOH, ZOI, ZOK, ZOL, ZOM, ZON, ZOO, ZOP, ZOR, ZOS, ZOT, ZOU, ZOV, ZOW, ZOX, ZOY, ZOZ, ZPA, ZPB, ZPC, ZPD, ZPE, ZPF, ZPG, ZPH, ZPI, ZPK, ZPL, ZPM, ZPN, ZPO, ZPP, ZPR, ZPS, ZPT, ZPU, ZPV, ZPW, ZPX, ZPY, ZPZ, ZQA, ZQB, ZQC, ZQD, ZQE, ZQF, ZQG, ZQH, ZQI, ZQJ, ZQK, ZQL, ZQM, ZQN, ZQO, ZQP, ZQR, ZQS, ZQT, ZQU, ZQV, ZQW, ZQX, ZQY, ZQZ, ZRA, ZRB, ZRC, ZRD, ZRE, ZRF, ZRG, ZRH, ZRI, ZRJ, ZRK, ZRL, ZRM, ZRN, ZRO, ZRP, ZRS, ZRT, ZRU, ZRV, ZRW, ZRX, ZRY, ZRZ, ZSA, ZSB, ZSC, ZSD, ZSE, ZSF, ZSG, ZSH, ZSI, ZSJ, ZSK, ZSL, ZSM, ZSN, ZSO, ZSP, ZSR, ZSS, ZST, ZSU, ZSV, ZSW, ZSX, ZSY, ZSZ, ZTA, ZTB, ZTC, ZTD, ZTE, ZTF, ZTG, ZTH, ZTI, ZTJ, ZTK, ZTL, ZTM, ZTN, ZTO, ZTP, ZTR, ZTS, ZTT, ZTU, ZTV, ZTW, ZTX, ZTY, ZTZ, ZUA, ZUB, ZUC, ZUD, ZUE, ZUF, ZUG, ZUH, ZUI, ZUJ, ZUK, ZUL, ZUM, ZUN, ZUO, ZUP, ZUR, ZUS, ZUT, ZUU, ZUV, ZUW, ZUX, ZUY, ZUZ, ZVA, ZVB, ZVC, ZVD, ZVE, ZVF, ZVG, ZVH, ZVI, ZVJ, ZVK, ZVL, ZVM, ZVN, ZVO, ZVP, ZVR, ZVS, ZVT, ZVU, ZVV, ZVW, ZVX, ZVY, ZVZ, ZWA, ZWB, ZWC, ZWD, ZWE, ZWF, ZWG, ZWH, ZWI, ZWJ, ZWK, ZWL, ZWM, ZWN, ZWO, ZWP, ZWR, ZWS, ZWT, ZWU, ZWV, ZWW, ZWX, ZWY, ZWZ, ZXA, ZXB, ZXC, ZXD, ZXE, ZXF, ZXG, ZXH, ZXI, ZXJ, ZXK, ZXL, ZXM, ZXN, ZXO, ZXP, ZXR, ZXS, ZXT, ZXU, ZXV, ZXW, ZXX, ZXY, ZXZ, ZYA, ZYB, ZYC, ZYD, ZYE, ZYF, ZYG, ZYH, ZYI, ZYJ, ZYK, ZYL, ZYM, ZYN, ZYO, ZYP, ZYR, ZYS, ZYT, ZYU, ZYV, ZYW, ZYX, ZYY, ZYZ, ZZA, ZZB, ZZC, ZZD, ZZE, ZZF, ZZG, ZZH, ZZI, ZZJ, ZZK, ZZL, ZZM, ZZN, ZZO, ZZP, ZZR, ZZS, ZZT, ZZU, ZZV, ZZW, ZZX, ZZY, ZZZ.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARTI, ANGO, ANGG, ANGH, ANGI, ANGL, ANGM, ANGN, ANGO, ANGP, ANGR, ANGS, ANGT, ANGU, ANGV, ANGW, ANGX, ANGY, ANGZ, ANHA, ANHB, ANHC, ANHD, ANHE, ANHF, ANHG, ANHH, ANHI, ANHJ, ANHK, ANHL, ANHM, ANHN, ANHO, ANHP, ANHR, ANHS, ANHT, ANHU, ANHV, ANHW, ANHX, ANHY, ANHZ, ANIA, ANIB, ANIC, ANID, ANIE, ANIF, ANIG, ANIH, ANIJ, ANIK, ANIL, ANIM, ANIN, ANIO, ANIP, ANIR, ANIS, ANIT, ANIU, ANIV, ANIW, ANIX, ANIY, ANIZ, ANJA, ANJB, ANJC, ANJD, ANJE, ANJF, ANJG, ANJH, ANJI, ANJJ, ANJK, ANJL, ANJM, ANJN, ANJO, ANJP, ANJR, ANJS, ANJT, ANJU, ANJV, ANJW, ANJX, ANJY, ANJZ, ANKA, ANKB, ANKC, ANKD, ANKE, ANKF, ANKG, ANKH, ANKI, ANKJ, ANKK, ANKL, ANKM, ANKN, ANKO, ANKP, ANKR, ANKS, ANKT, ANKU, ANKV, ANKW, ANKX, ANKY, ANKZ, ANLA, ANLB, ANLC, ANLD, ANLE, ANLF, ANLG, ANLH, ANLI, ANLJ, ANLK, ANLL, ANLM, ANLN, ANLO, ANLP, ANLR, ANLS, ANLT, ANLU, ANLV, ANLW, ANLX, ANLY, ANLZ, ANMA, ANMB, ANMC, ANMD, ANME, ANMF, ANMG, ANMH, ANMI, ANMJ, ANMK, ANML, ANMN, ANMO, ANMP, ANMR, ANMS, ANMT, ANMU, ANMV, ANMW, ANMX, ANMY, ANMZ, ANNA, ANNB, ANNC, ANND, ANNE, ANNF, ANNG, ANNH, ANNI, ANNJ, ANNK, ANNL, ANNM, ANNN, ANNO, ANNP, ANNR, ANNS, ANNT, ANNU, ANNV, ANNW, ANNX, ANNY, ANNZ, ANOA, ANOB, ANOC, ANOD, ANOE, ANOF, ANOG, ANOH, ANOI, ANOJ, ANOK, ANOL, ANOM, ANON, ANOO, ANOP, ANOR, ANOS, ANOT, ANOU, ANOV, ANOW, ANOX, ANOY, ANOZ, ANPA, ANPB, ANPC, ANPD, ANPE, ANPF, ANPG, ANPH, ANPI, ANPJ, ANPK, ANPL, ANPM, ANPN, ANPO, ANPP, ANPR, ANPS, ANPT, ANPU, ANPV, ANPW, ANPX, ANPY, ANPZ, ANQA, ANQB, ANQC, ANQD, ANQE, ANQF, ANQG, ANQH, ANQI, ANQJ, ANQK, ANQL, ANQM, ANQN, ANQO, ANQP, ANQR, ANQS, ANQT, ANQU, ANQV, ANQW, ANQX, ANQY, ANQZ, ANRA, ANRB, ANRC, ANRD, ANRE, ANRF, ANRG, ANRH, ANRI, ANRJ, ANRK, ANRL, ANRM, ANRN, ANRO, ANRP, ANRR, ANRS, ANRT, ANRU, ANRV, ANRW, ANRX, ANRY, ANRZ, ANSA, ANSB, ANSC, ANSD, ANSE, ANSF, ANSG, ANSH, ANSI, ANSJ, ANSK, ANSL, ANSM, ANSN, ANSO, ANSP, ANSR, ANSS, ANST, ANSU, ANSV, ANSW, ANSX, ANSY, ANSZ, ANTA, ANTB, ANTC, ANTD, ANTE, ANTF, ANTG, ANTH, ANTI, ANTJ, ANTK, ANTL, ANTM, ANTN, ANTO, ANTP, ANTR, ANTS, ANTT, ANTU, ANTV, ANTW, ANTX, ANTY, ANTZ, ANUA, ANUB, ANUC, ANUD, ANUE, ANUF, ANUG, ANUH, ANUI, ANUJ, ANUK, ANUL, ANUM, ANUN, ANUO, ANUP, ANUR, ANUS, ANUT, ANUU, ANUV, ANUW, ANUX, ANUY, ANUZ, ANVA, ANVB, ANVC, ANVD, ANVE, ANVF, ANVG, ANVH, ANVI, ANVJ, ANVK, ANVL, ANVM, ANVN, ANVO, ANVP, ANVR, ANVS, ANVT, ANVU, ANVV, ANVW, ANVX, ANVY, ANVZ, ANWA, ANWB, ANWC, ANWD, ANWE, ANWF, ANWG, ANWH, ANWI, ANWJ, ANWK, ANWL, ANWM, ANWN, ANWO, ANWP, ANWR, ANWS, ANWT, ANWU, ANWV, ANWW, ANWX, ANWY, ANWZ, ANXA, ANXB, ANXC, ANXD, ANXE, ANXF, ANXG, ANXH, ANXI, ANXJ, ANXK, ANXL, ANXM, ANXN, ANXO, ANXP, ANXR, ANXS, ANXT, ANXU, ANXV, ANXW, ANXX, ANXY, ANXZ, ANYA, ANYB, ANYC, ANYD, ANYE, ANYF, ANYG, ANYH, ANYI, ANYJ, ANYK, ANYL, ANYM, ANYN, ANYO, ANYP, ANYR, ANYS, ANYT, ANYU, ANYV, ANYW, ANYX, ANYY, ANYZ, ANZA, ANZB, ANZC, ANZD, ANZE, ANZF, ANZG, ANZH, ANZI, ANZJ, ANZK, ANZL, ANZM, ANZN, ANZO, ANZP, ANZR, ANZS, ANZT, ANZU, ANZV, ANZW, ANZX, ANZY, ANZZ.

Table with columns for station name, frequency, power, and other technical details. Includes stations like UZB, UZBA, UZBB, UZBC, UZBD, UZBE, UZBF, UZBG, UZBH, UZBI, UZBJ, UZBK, UZBL, UZBM, UZBN, UZBO, UZBP, UZBR, UZBS, UZBT, UZBU, UZBV, UZBW, UZBX, UZBY, UZBZ, UZCA, UZCB, UZCC, UZCD, UZCE, UZCF, UZCG, UZCH, UZCI, UZCJ, UZCK, UZCL, UZCM, UZCN, UZCO, UZCP, UZCR, UZCS, UZCT, UZCU, UZCV, UZCW, UZCX, UZCY, UZCZ, UZDA, UZDB, UZDC, UZDD, UZDE, UZDF, UZDG, UZDH, UZDI, UZDJ, UZDK, UZDL, UZDM, UZDN, UZDO, UZDP, UZDR, UZDS, UZDT, UZDU, UZDV, UZDW, UZDX, UZDY, UZDZ, UZEA, UZEB, UZEC, UZED, UZEE, UZEF, UZEG, UZEH, UZEI, UZEJ, UZEK, UZEL, UZEM, UZEN, UZEO, UZEP, UZER, UZES, UZET, UZEU, UZEV, UZEW, UZEX, UZEY, UZEZ, UZFA, UZFB, UZFC, UZFD, UZFE, UZFF, UZFG, UZFH, UZFI, UZFJ, UZFK, UZFL, UZFM, UZFN, UZFO, UZFP, UZFR, UZFS, UZFT, UZFU, UZFV, UZFW, UZFX, UZFY, UZFZ, UZGA, UZGB, UZGC, UZGD, UZGE, UZGF, UZGG, UZGH, UZGI, UZGJ, UZGK, UZGL, UZGM, UZGN, UZGO, UZGP, UZGR, UZGS, UZGT, UZGU, UZGV, UZGW, UZGX, UZGY, UZGZ, UZHA, UZHB, UZHC, UZHD, UZHE, UZHF, UZHG, UZHH, UZHI, UZHJ, UZHK, UZHL, UZHM, UZHN, UZHO, UZHP, UZHR, UZHS, UZHT, UZHU, UZHV, UZHW, UZHX, UZHY, UZHZ, UZIA, UZIB, UZIC, UZID, UZIE, UZIF, UZIG, UZIH, UZIJ, UZIK, UZIL, UZIM, UZIN, UZIO, UZIP, UZIR, UZIS, UZIT, UZIU, UZIV, UZIW, UZIX, UZIZ, UZJA, UZJB, UZJC, UZJD, UZJE, UZJF, UZJG, UZJH, UZJI, UZJJ, UZJK, UZJL, UZJM, UZJN, UZJO, UZJP, UZJR, UZJS, UZJT, UZJU, UZJV, UZJW, UZJX, UZJY, UZJZ, UZKA, UZKB, UZKC, UZKD, UZKE, UZKF, UZKG, UZKH, UZKI, UZKJ, UZKK, UZKL, UZKM, UZKN, UZKO, UZKP, UZKR, UZKS, UZKT, UZKU, UZKV, UZKW, UZKX, UZKY, UZKZ, UZLA, UZLB, UZLC, UZLD, UZLE, UZLF, UZLG, UZLH, UZLI, UZLJ, UZLK, UZLL, UZLM, UZLN, UZLO, UZLP, UZLR, UZLS, UZLT, UZLU, UZLV, UZLW, UZLX, UZLY, UZLZ, UZMA, UZMB, UZMC, UZMD, UZME, UZMF, UZMG, UZMH, UZMI, UZMJ, UZMK, UZML, UZMN, UZMO, UZMP, UZMR, UZMS, UZMT, UZMU, UZMV, UZMW, UZMX, UZMY, UZMZ, UZNA, UZNB, UZNC, UZND, UZNE, UZNF, UZNG, UZNH, UZNI, UZNJ, UZNK, UZNL, UZNM, UZNN, UZNO, UZNP, UZNR, UZNS, UZNT, UZNU, UZNV, UZNW, UZNX, UZNY, UZNZ, UZOA, UZOB, UZOC, UZOD, UZOE, UZOF, UZOG, UZOH, UZOI, UZOJ, UZOK, UZOL, UZOM, UZON, UZOO, UZOP, UZOR, UZOS, UZOT, UZOU, UZOV, UZOW, UZOX, UZOY, UZOZ, UZPA, UZPB, UZPC, UZPD, UZPE, UZPF, UZPG, UZPH, UZPI, UZPJ, UZPK, UZPL, UZPM, UZPN, UZPO, UZPP, UZPR, UZPS, UZPT, UZPU, UZPV, UZPW, UZPX, UZPY, UZPZ, UZQA, UZQB, UZQC, UZQD, UZQE, UZQF, UZQG, UZQH, UZQI, UZQJ, UZQK, UZQL, UZQM, UZQN, UZQO, UZQP, UZQR, UZQS, UZQT, UZQU, UZQV, UZQW, UZQX, UZQY, UZQZ, UZRA, UZRB, UZRC, UZRD, UZRE, UZRF, UZRG, UZRH, UZRI, UZRJ, UZRK, UZRL, UZRM, UZRN, UZRO, UZRP, UZRS, UZRT, UZRU, UZRV, UZRW, UZRX, UZRY, UZRZ, UZSA, UZSB, UZSC, UZSD, UZSE, UZSF, UZSG, UZSH, UZSI, UZSJ, UZSK, UZSL, UZSM, UZSN, UZSO, UZSP, UZSR, UZSS, UZST, UZSU, UZSV, UZSW, UZSX, UZSY, UZSZ, UZTA, UZTB, UZTC, UZTD, UZTE, UZTF, UZTG, UZTH, UZTI, UZTJ, UZTK, UZTL, UZTM, UZTN, UZTO, UZTP, UZTR, UZTS, UZTT, UZTU, UZTV, UZTW, UZTX, UZTY, UZTZ, UZUA, UZUB, UZUC, UZUD, UZUE, UZUF, UZUG, UZUH, UZUI, UZUJ, UZUK, UZUL, UZUM, UZUN, UZUO, UZUP, UZUR, UZUS, UZUT, UZUU, UZUV, UZUW, UZUX, UZUY, UZUZ, UZVA, UZVB, UZVC, UZVD, UZVE, UZVF, UZVG, UZVH, UZVI, UZVJ, UZVK, UZVL, UZVM, UZVN, UZVO, UZVP, UZVR, UZVS, UZVT, UZVU, UZVV, UZVW, UZVX, UZVY, UZVZ, UZWA, UZWB, UZWC, UZWD, UZWE, UZWF, UZWG, UZWH, UZWI, UZWJ, UZWK, UZWL, UZWM, UZWN, UZWO, UZWP, UZWR, UZWS, UZWT, UZWU, UZWV, UZWW, UZWX, UZWY, UZWZ, UZXA, UZXB, UZXC, UZXD, UZXE, UZXF, UZXG, UZXH, UZXI, UZXJ, UZXK, UZXL, UZXM, UZXN, UZ XO, UZXP, UZXR, UZXS, UZXT, UZ XU, UZ XV, UZ XW, UZ XX, UZ XY, UZ XZ, UZ YA, UZ YB, UZ YC, UZ YD, UZ YE, UZ YF, UZ YG, UZ YH, UZ YI, UZ YJ, UZ YK, UZ YL, UZ YM, UZ YN, UZ YO, UZ YP, UZ YR, UZ YS, UZ YT, UZ YU, UZ YV, UZ YW, UZ YX, UZ YZ, UZ ZA, UZ ZB, UZ ZC, UZ ZD, UZ ZE, UZ ZF, UZ ZG, UZ ZH, UZ ZI, UZ ZJ, UZ ZK, UZ ZL, UZ ZM, UZ ZN, UZ ZO, UZ ZP, UZ ZR, UZ ZS, UZ ZT, UZ ZU, UZ ZV, UZ ZW, UZ ZX, UZ ZY, UZ ZZ.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like AKASG Malin Array Be, AKASG Malin Array Si, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like KBL BRDH Baridhala, UBPT X48A Khong Chiam, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like PVCC Panska Ves, KASTH Kahler Asten, etc.

9d 8h

Table with columns for station name, frequency, power, and signal strength. Includes stations like BCLA Clavier, BHOU Houvegnaz, BURAR Bucovina Array, etc.

2020 JAN

Table with columns for station name, frequency, power, and signal strength. Includes stations like BFO Black Forest, BFO Black Forest, BFO Black Forest, etc.

600

Table with columns for station name, frequency, power, and signal strength. Includes stations like FAKI Fak Fak, TOLIZ Tolitoli, BOVS Bovan, etc.

ATHU	Athens Unvers	76.67	334	P	P	08 49 57.1	-2.7
TIP	Timpagrade	76.79	340	↑P	P	08 50 04.0	-0.1
TIP	Timpagrade	76.79	340	↑P	P	08 49 59.6	-0.9
PVRL	Vila Real	76.80	359	eP	IAMB	08 49 59.6	-0.9
IPM	lph	76.81	254	IAMS_20	IAMS_20	09 25 33.0	
IPM	lph	76.81	254	P	P	08 50 09.1	+0.9
MVO	Mconcorvo	76.91	358	eP	IAMB	08 49 59.5	-1.7
MVO						08 50 07.1	
MVO				eS	S	08 59 52.3	+3.4
MVO				eSS	SS	09 05 04.2	+2.0
MVO				eLR	LR	09 15 09.5	
MVO				IAMS_20	IAMS_20	09 23 58.7	
KLW	Kalavyrta, Ach	76.92	335	P	P	08 49 59.6	-1.7
POO	Poona	77.06	285	eP	IAMB	08 50 07.0	-1.6
POO						08 50 06.3	
VLS	Valsamata	77.09	336	P	P	08 50 00.5	-1.7
TEIG	Tejich	77.17	71	IAMS_20	IAMS_20	09 30 44.8	
TEIG	Tejich	77.17	71	↑P	P	08 50 03.5	+0.7
CVSS	Mathias	77.29	325	IAMS_20	IAMS_20	09 27 05.6	
PVIS	Viseu	77.36	359	eP	P	08 50 03.0	-0.7
ARG	Arkhangelos	77.39	330	↑P	P	08 50 07.8	+4.0
VSL	Villasalto	77.51	346	IAMS_20	IAMS_20	09 27 52.1	
SANVU	Saraoutou	77.51	184	P	LR	08 50 05.0	+0.5
KAPI	Kappang	77.59	233	LR	LR	09 23 55.8	
KAPI	Kappang	77.59	233	P	P	08 50 07.6	+2.5
KAPI	Kappang	77.59	233	P	P	08 50 05.2	0.0
KAPI	Kappang	77.59	233	S	S	08 59 52.2	-4.3
KAPI	Kappang	77.59	233	S	S	08 59 52.2	-4.3
MAHO	Mahon	77.62	350	IAMS_20	IAMS_20	09 29 35.0	
MTE	Manteigas	77.68	359	IAMS_20	IAMS_20	09 21 49.1	
MTE	Manteigas	77.68	359	eP	IAMB	08 50 04.7	-0.8
MTE	Manteigas	77.68	359	eP	IAMB	08 50 11.4	
MTE	Manteigas	77.68	359	eS	S	09 00 01.6	+4.4
MTE	Manteigas	77.68	359	eSS	SS	09 05 14.4	+1.9
MTE	Manteigas	77.68	359	eLR	LR	09 15 09.5	
MTE	Manteigas	77.68	359	eLR	LR	09 22 18.4	
MTE	Manteigas	77.68	359	↑P	P	08 50 10.3	+4.8
ITM	Ithomi	77.80	335	P	P	08 50 04.3	-1.9
CEL	Celeste	77.82	340	IAMS_20	IAMS_20	09 25 21.8	
CEL	Celeste	77.82	340	↑P	P	08 50 07.8	+1.5
ETOS	Mallorca	77.87	351	P	LR	08 50 04.6	-1.9
SRBC	Serra Branca	77.88	15	eLR	LR	09 15 48.3	
SRBC	Serra Branca	77.88	15	eLR	LR	09 16 30.2	
PGRA	Graciosa	77.89	15	eLR	LR	09 15 53.2	
PGRA	Graciosa	77.89	15	eLR	LR	09 17 23.2	
SHME	Shamm	77.93	303	P	P	08 50 06.9	-0.1
SHME	Shamm	77.93	303	P	P	08 50 08.0	+1.0
SHME	Shamm	77.93	303	P	P	08 50 08.0	+1.0
MYKOM	Kota Tinggi	77.94	250	P	P	08 50 09.8	+2.7
KAD	Kad	77.98	284	eP	IAMB	08 50 05.9	-1.6
KAD	Kad	77.98	284	eP	IAMB	08 50 12.3	
BANOM	Banah	77.98	303	P	P	08 50 07.8	+0.4
BANOM	Banah	77.98	303	P	P	08 50 08.3	+0.9
BANOM	Banah	77.98	303	P	P	08 50 08.3	+0.9
LHMI	Lhok Sumawe	78.00	258	P	P	08 50 10.2	+2.7
PCAS	Casmilo, Conde	78.03	360	eP	IAMB	08 50 06.5	-0.9
PCAS	Casmilo, Conde	78.03	360	eP	IAMB	08 50 14.0	
ROSA	Rosais	78.17	15	eLR	LR	09 15 54.0	
ROSA	Rosais	78.17	15	eLR	LR	09 17 30.5	
KBD	Kabd	78.23	312	P	P	08 50 01.7	-6.9
PCBR	Castelo Branco	78.23	359	eP	IAMB	08 50 07.5	-1.0
PCBR	Castelo Branco	78.23	359	eP	IAMB	08 50 14.4	
CALA	Caldeira	78.25	16	eLR	LR	09 15 44.6	
PAGU	Agualva, Azore	78.25	14	eLR	LR	09 16 05.4	
PAGU	Agualva, Azore	78.25	14	eLR	LR	09 17 09.8	
KARP	Karpathos	78.26	331	IAMS_20	IAMS_20	09 25 37.9	
KARP	Karpathos	78.26	331	IAMS_20	IAMS_20	09 25 37.9	
ECHE	Chera	78.28	354	P	P	08 50 07.8	-1.1
HOR	Horta	78.31	16	eLR	LR	09 15 58.1	
HOR	Horta	78.31	16	eLR	LR	09 16 02.9	
ESDC	Sonsecra Array	78.33	356	P	P	08 50 06.8	-2.2
ESDC	Sonsecra Array	78.33	356	P	P	08 50 06.8	-2.2
ADH	Angra Heroismo	78.35	14	eLR	LR	09 16 05.8	
ADH	Angra Heroismo	78.35	14	eLR	LR	09 17 01.1	
BTDF	Bukit Timah Da	78.36	250	P	LR	08 50 12.5	+3.1
PICO	Pico	78.36	15	eLR	LR	09 16 33.4	
PICO	Pico	78.36	15	eLR	LR	09 16 33.4	
PAB	San Pablo	78.47	356	P	P	08 50 08.4	-1.5
PAB	San Pablo	78.47	356	IAMS_20	IAMS_20	09 31 33.1	
PAB	San Pablo	78.47	356	P	P	08 50 08.4	-1.5
PAB	San Pablo	78.47	356	P	P	08 50 08.4	-1.5
PSARD	Sardoa	78.48	359	eP	IAMB	08 50 07.7	-2.2
PSARD	Sardoa	78.48	359	eP	IAMB	08 50 16.2	
MASF	Masafi	78.53	303	P	P	08 50 11.9	+1.4
MASF	Masafi	78.53	303	P	P	08 50 11.9	+1.4
MDH	Madha	78.55	303	P	P	08 50 09.5	-0.9
MDH	Madha	78.55	303	P	P	08 50 09.9	-0.6
MDH	Madha	78.55	303	P	P	08 50 09.9	-0.6
MSFE	Esma-Masafi	78.55	303	P	P	08 50 11.6	+1.1
MMAI	Mount Meron Ar	78.56	323	P	P	08 50 10.1	-0.4
MMAI	Mount Meron Ar	78.56	323	P	P	08 50 10.1	-0.4
MMAI	Mount Meron Ar	78.56	323	P	P	08 50 10.1	-0.4
UMQ	Umm Al-Quwin	78.59	304	P	P	08 50 14.8	+4.2
UMQ	Umm Al-Quwin	78.59	304	P	P	08 50 14.8	+4.2
PMRV	Marv??o	78.65	359	eP	IAMB	08 50 14.3	+3.5
PMRV	Marv??o	78.65	359	eP	IAMB	08 50 16.5	
PMRV	Marv??o	78.65	359	eS	SKSac	09 00 17.1	-8.7
PMRV	Marv??o	78.65	359	eSS	SS	09 05 29.1	+1.9
PMRV	Marv??o	78.65	359	eLR	LR	09 15 52.5	
PMRV	Marv??o	78.65	359	eLR	LR	09 31 04.4	
EIBI	Ibiza	78.71	352	P	P	08 50 11.0	-0.2
VAE	Valguarnera	78.82	341	LR	LR	09 29 03.5	
UOSS	Minazif	78.90	303	IAMS_20	IAMS_20	09 22 44.5	
UOSS	Minazif	78.90	303	P	P	08 50 10.3	-2.1
UOSS	Minazif	78.90	303	P	P	08 50 10.3	-2.1
MDRS	Chennai	78.90	277	eP	IAMB	08 50 11.9	-0.5
MDRS	Chennai	78.90	277	eP	IAMB	08 50 16.4	
ASF	Jabal al Asfar	78.92	322	LR	LR	09 28 55.1	
BKNI	Montargil	79.01	359	eP	IAMB	08 50 11.9	-0.9
PMTG	Anoyia	79.02	332	LR	LR	09 27 38.5	
IDI	Anoyia	79.02	332	P	P	08 50 09.8	-3.1
HATD	Hatta, Dubai	79.03	303	P	P	08 50 12.0	-1.2
HATD	Hatta, Dubai	79.03	303	P	P	08 50 11.8	-1.4
HATD	Hatta, Dubai	79.03	303	P	P	08 50 11.8	-1.4
COEN	Saen	79.06	207	P	P	08 50 12.4	-0.7
COEN	Saen	79.06	207	P	P	08 50 19.2	

COEN	Coen	79.06	207	P	P	08 50 13.8	+0.6
NAZ	Nazwa, Dubai	79.07	303	P	P	08 50 12.3	-1.0
NAZ	Nazwa, Dubai	79.07	303	P	P	08 50 11.5	-1.8
NAZ	Nazwa, Dubai	79.07	303	P	P	08 50 11.5	-1.8
PMAFR	Mafr	79.13	0	eP	IAMB	08 50 12.8	-0.6
PMAFR	Mafr	79.13	0	eP	IAMB	08 50 11.2	-2.2
PMAFR	Mafr	79.13	0	eP	IAMB	08 50 19.6	
ASHO	Ashlyiah	79.19	303	P	P	08 50 13.5	-0.5
ASHO	Ashlyiah	79.19	303	P	P	08 50 12.5	-1.6
ASHO	Ashlyiah	79.19	303	P	P	08 50 12.5	-1.6
PESTR	Estremoz	79.21	359	P	P	08 50 14.3	+0.4
PESTR	Estremoz	79.21	359	eP	IAMB	08 50 15.3	+1.4
PESTR	Estremoz	79.21	359	eP	IAMB	08 50 19.6	
PSI	Prapat	79.24	255	LR	LR	09 26 06.9	
PSI	Prapat	79.24	255	LR	LR	09 26 06.9	
PSI	Prapat	79.24	255	P	P	08 50 14.7	+0.2
ETOB	Tobarra	79.24	354	P	P	08 50 14.8	+0.5
PARRA	Arralolos	79.26	359	eP	IAMB	08 50 16.8	+2.2
PARRA	Arralolos	79.26	359	eP	IAMB	08 50 19.8	
FAQ	Al Faqa, Dubai	79.32	303	P	P	08 50 13.4	-1.3
FAQ	Al Faqa, Dubai	79.32	303	P	P	08 50 13.4	-1.3
FAQ	Al Faqa, Dubai	79.32	303	P	P	08 50 13.4	-1.3
RPSI	Rantau Prapat	79.34	255	IAMS_20	IAMS_20	09 29 52.0	
LIS	Lisbon	79.36	0	eS	S	09 00 14.7	-0.4
LIS	Lisbon	79.36	0	eS	S	09 22 23.8	
PETF	Flores	79.36	74	P	P	08 50 14.5	-0.5
PETF	Flores	79.36	74	P	P	08 50 26.5	
BIDO	Bidbid	79.41	301	P	P	08 50 15.7	+0.5
BIDO	Bidbid	79.41	301	P	P	08 50 15.7	+0.5
CMLA	Cha da Macela	79.42	13	IAMS_20	IAMS_20	09 22 13.3	
CMLA	Cha da Macela	79.42	13	eLR	LR	09 15 34.0	
CMLA	Cha da Macela	79.42	13	eLR	LR	09 16 21.9	
WSAR	Wadi Sarin	79.46	300	LR	LR	09 27 33.2	
WSAR	Wadi Sarin	79.46	300	LR	LR	09 27 33.2	
SOHO	SOHO	79.50	302	P	P	08 50 14.4	-1.2
SOHO	SOHO	79.50	302	P	P	08 50 15.8	+0.2
SOHO	SOHO	79.50	302	P	P	08 50 15.8	+0.2
ASUD	Al Ashush, Dub	79.53	303	P	P	08 50 15.3	-0.5
ASUD	Al Ashush, Dub	79.53	303	P	P	08 50 14.2	-1.6
ASUD	Al Ashush, Dub	79.53	303	P	P	08 50 14.5	-1.3
EVO	Evora	79.55	359	eP	IAMB	08 50 21.5	
MOE	Montemor	79.56	359	eP	IAMB	08 50 14.8	-1.0
MOE	Montemor	79.56	359	eP	IAMB	08 50 21.6	
HOQ	Hoqain	79.68	301	P	P	08 50 14.5	-2.2
HOQ	Hoqain	79.68	301	P	P	08 50 14.5	-2.2
HOQ	Hoqain	79.68	301	P	P	08 50 14.5	-2.2
AJN	Ajban	79.72	304	P	P	08 50 15.0	-1.9
GOA	Goa	79.73	284	eP	IAMB	08 50 15.6	-1.4
GOA	Goa	79.73	284	eP	IAMB	08 50 21.8	
SMDO	Samad	79.86	301	P	P	08 50 18.5	+0.7
SMDO	Samad	79.86	301	P	P	08 50 18.5	+0.7
SMDO	Samad	79.86	301	P	P	08 50 18.5	+0.7
ALNE	Al Ain	79.88	303	P	P	08 50 16.2	-1.6
ALNE	Al Ain	79.88	303	P	P	08 50 16.2	-1.6
ALNE	Al Ain	79.88	303	P	P	08 50 16.2	-1.6
ALNE	Al Ain	79.88	303	P	P	08 50 15.7	-2.0
ALNE	Al Ain	79.88	303	P	P	08 50 15.7	-2.0
WBK	Wadi Bani Khal	79.88	300	P	P	08 50 16.7	-1.1
WBK	Wadi Bani Khal	79.88	300				

Table with columns: GTBY, RCC, PCC, Rio Carpintero, 8.70 285, iS, Pn, Sn, 08 42 54.5 +1.1, 08 41 29.9 +0.8, 08 43 07.7 +0.8

ASRS 09 08:39:37.0t, 1.0, 53.63N;87.97E, h0km, M3.0(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. IDC 09 08:39:40.2t, 1.0, 53.52N;87.93E, h0km, mbtmp=2.2, ML2.8/2, Error ellipse: s-maj=26.1km s-min=15.8km az=70.0, Southwestern Siberia

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

MOS 09 08:46:59.8t, 1.0, 62.11N;170.97E, h14km, mb4.7/2, Error ellipse: s-maj=29.1km s-min=14.6km az=91.1 IDC 09 08:47:00.7t, 1.0, 62.08N;170.63E, h0km, mb3.8/8, mbtmp3.8/9, ML3.4/1, Error ellipse: s-maj=39.1km s-min=19.6km az=176.0 NEIC 09 08:47:01.4t, 2.3, 62.28N;170.17E, 0.2, h10km, 2km, mb4.6/23, Error ellipse: s-maj=18.7km s-min=13.7km az=220.0

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

ILAR 09 08:52:26.9t, 1.4, 62.17N;171.05E, h0km, mb3.8/6, mbtmp3.8/8, ML3.7/2, Error ellipse: s-maj=46.5km s-min=19.7km az=1.0 NEIC 09 08:52:26.9t, 1.7, 62.17N;171.05E, 0.2, h10km, 1km, mb4.3/6, Error ellipse: s-maj=15.1km s-min=14.4km az=292.0

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

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

Table with columns: comp=2.0, 3nm, 0.5s, baz=16, slow=5.3, SNR=0.9, comp=2.0, 3nm, 0.5s, Alice Springs, 90.61 214, P, P, 09 00 03.3, 0.0

IDC 09 08:51:49.8t, 2.2, 61.47N;171.09E, h0km, mb3.7/7, mbtmp3.7/10, ML3.4/3, Error ellipse: s-maj=70.0km s-min=17.4km az=3.0 NERS 09 08:51:54.5t, 2.2, 62.26N;170.71E, h15km, 1km, 1.0, 61.83N;109.170.94E, 0.05, h10km, n16, t=240.17, mb3.8/7, Eastern Siberia

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

ASRS 09 08:55:26.0t, 1.4, 54.31N;86.13E, h0km, M3.1(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. IDC 09 08:55:30.1t, 2.4, 54.16N;86.13E, h0km, mbtmp3.2/2, ML2.8/2, Error ellipse: s-maj=18.3km s-min=10.2km az=60.0, Southwestern Siberia

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

ASRS 09 08:55:26.0t, 1.4, 54.31N;86.13E, h0km, M3.1(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. IDC 09 08:55:30.1t, 2.4, 54.16N;86.13E, h0km, mbtmp3.2/2, ML2.8/2, Error ellipse: s-maj=18.3km s-min=10.2km az=60.0, Southwestern Siberia

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

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

Table with columns: 6.3nm, 0.3s, baz=70, slow=31, SNR=13, KURBB Kurchatov Arra, 5.84 236, Pn, Pn, 08 56 58.6 +0.7

ASRS 09 08:55:26.0t, 1.4, 54.31N;86.13E, h0km, M3.1(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. IDC 09 08:55:30.1t, 2.4, 54.16N;86.13E, h0km, mbtmp3.2/2, ML2.8/2, Error ellipse: s-maj=18.3km s-min=10.2km az=60.0, Southwestern Siberia

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

ASRS 09 08:55:26.0t, 1.4, 54.31N;86.13E, h0km, M3.1(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. IDC 09 08:55:30.1t, 2.4, 54.16N;86.13E, h0km, mbtmp3.2/2, ML2.8/2, Error ellipse: s-maj=18.3km s-min=10.2km az=60.0, Southwestern Siberia

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

ASRS 09 08:55:26.0t, 1.4, 54.31N;86.13E, h0km, M3.1(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. IDC 09 08:55:30.1t, 2.4, 54.16N;86.13E, h0km, mbtmp3.2/2, ML2.8/2, Error ellipse: s-maj=18.3km s-min=10.2km az=60.0, Southwestern Siberia

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

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

Table of station data for 9d 9h, including station ID, name, elevation, and coordinates.

Table of station data for 2020 JAN, including station ID, name, elevation, and coordinates.

Table of station data for 604, including station ID, name, elevation, and coordinates.

IDC 09 09:07:00.1+1.2, 62.15N, 170.74E, h0km, mb3.7/8, mbmp3.7/11, ML3.7/3, Error ellipse: s-maj=4.19km s-min=16.9km az=4.0

NERS 09 09:07:02.5, 62.49N, 170.76E, h0km NERS 09 09:07:00.7+0.9, 61.96N, 170.09E, 0.06E, h10km, n18, e1936/18, mb3.8/8, Eastern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, h, s, Res, ISC, Time, Res, ISC. Contains detailed station data.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mina Array Bea, Pinedale Array, Borovoye Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kurchatov, Kurbs, Pinedale Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Juan, Isla Desecheo, Guaynabo City, etc.

NERS 09:09:08:28.2, 62.60N: 171.03E, h2km, Eastern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Anadyr, Bilibino, Omsukchan, etc.

MDD 09:09:16:41.1, 0.7, 42.96N: 6.00E, h5km, 4km, Mb4.1/1, M, mb3.0/4, Error ellipse: s-maj=4.7km s-min=3.4km az=33.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LEFP, ARTF, TRIGF, etc.

SJA 09:09:48:20.2, 0.8, 21.90S: 68.40W, h134km, 6km, ML3.6, MW3.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DR12, SABA, SC01, etc.

ASRS 09:09:09:06.0, 0.9, 54.21N: 87.14E, h0km, M3.0(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

ICD 09:09:09:08.1-3.3, 54.21N-87.19E, h0km, mbmp2.7/2, ML2.4/2, Error ellipse: s-maj=29.3km s-min=18.6km az=61.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALESOVO INFRA, ZALV, KURBB, etc.

STR 09:09:16:42.0, 1.0, 43.29N: 0.06E, h0km, MLv1.9/15, LOC SAT earth/MODL alpes, taup=2.11 preliminary

ICD 09:09:16:40.0, 1.3, 42.99N: 0.06E, 5.94E: 0.04, h0km, n31, 0.75, 1C, Western Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LEFP, ARTF, TRIGF, etc.

NEIC 09:09:48:21.9, 1.5, 21.91S: 68.03E, h0km, 0.10, h131km, 10km, mb4.1/5, ML3.6(GUC), Error ellipse: s-maj=13.3km s-min=3.6km az=79.0

GUC 09:09:48:21.9, 0.7, 21.94S: 68.66W, h129.0, 0.05, h129km, 6km, n73, 1947/99, mb3.2/3, 7C, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB09, AF01, PB03, etc.

ASRS 09:09:15:05.1, 2.5, 33.68N: 88.13E, h0km, M2.8(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

ICD 09:09:15:09.4-2.8, 33.62N: 88.05E, h0km, mbmp3.1/3, ML2.5/3, Error ellipse: s-maj=25.9km s-min=15.6km az=69.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALESOVO INFRA, ZALV, KURBB, etc.

NEIC 09:09:23:59.9, 1.1, 17.96N: 0.03E, 66.87W: 0.01, h10km, ML3.5/26, Md3.1/9(RSPR), Error ellipse: s-maj=4.8km s-min=1.6km az=353.0

RSPR 09:09:24:00.2, 17.98N: 66.89W, h8km, 1km, MD3.1/9 OSPL 09:09:24:01.0, 2.1, 17.99N: 66.86W, h0km, 22km, ML3.0, Presumed earthquake

ISC 09:09:23:59.6, 0.9, 17.96N: 0.04E, 66.87W: 0.02, h16km, n7km, n39, 0.69/52, 5C-5D, Puerto Rico region

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

comp=N, 987nm, 0.5s

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB09, AF01, PB03, etc.

ICD 09:09:15:44.5, 2.2, 61.16N: 170.59E, h0km, mb3.6/8, mbmp3.6/11, ML3.5/3, Error ellipse: s-maj=68.3km s-min=15.8km az=5.0

KRSC 09:09:15:46.5, 1.4, 62.05N: 171.88E, h35km, 14km, M4.4 MOS 09:09:15:49.5, 2.6, 62.20N: 170.82E, h10km, mb4.0/1, Error ellipse: s-maj=21.8km s-min=14.1km az=87.1

NERS 09:09:15:54.7, 62.44N: 170.76E, h11km

ISC 09:09:15:51.2, 0.8, 62.20N: 0.06E, 170.86E: 0.05, h10km, n26, z=236/29, mb3.6/8, Eastern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kamenskaya, Tilchiki, Anadyr, etc.

comp=N, 987nm, 0.5s

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

comp=N, 1.1um, 0.4s

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PATCX, TA01, etc.

M18K	Stony River	15.61	78	P	P	10 00 27.3	-3.6	SLKM	Skilak Lake	18.51	78	P	Pn	10 01 03.7	+0.5
B21K	Ikpikpak River	15.69	47	P	Pn	10 00 28.4	+0.8	RC01	Rabbit Creek A	18.52	76	P	Pn	10 01 03.5	+0.3
J20K	Novinta River	15.76	67	I	Amb	10 00 36.3		OHAK	Old Harbor	18.54	89	P	I	10 01 03.1	-0.3
J20K	Novinta River	15.76	67	P	Pn	10 00 29.0	+0.4	OHAK	Old Harbor	18.54	89	P	Pn	10 01 03.9	+0.5
G21K	Allakaket	15.83	59	P	Pn	10 00 30.0	+0.5	D25K	Kavik River	18.55	49	P	Pn	10 01 02.5	-1.0
N18K	Kilae Creek	15.84	81	P	P	10 00 30.5	-2.9	TIXI	Tiksi	18.56	318	Pn	Pn	10 01 04.2	+0.7
F21K	Alatina River	15.84	56	I	Amb	10 00 37.5		TIXI	Tiksi	18.56	318	Pn	Pn	10 06 35.1	
F21K	Alatina River	15.84	56	P	Pn	10 00 30.1	+0.5	TIXI	Tiksi	18.56	318	Pn	Pn	10 01 04.6	+1.1
L19K	White Mountain	15.86	75	P	P	10 00 30.3	-3.4	TIXI	Tiksi	18.56	318	Pn	Pn	10 01 04.7	+1.2
A22K	Sinclair Lake	15.91	42	P	Pn	10 00 29.9	-0.5	BRSE	Bradley Lake S	18.57	80	P	Pn	10 01 04.3	+0.5
K20K	Telida	15.94	70	P	P	10 00 31.9	-2.6	KDAK	Kodiak Island	18.59	87	P	Pn	10 01 04.9	+0.8
P17K	Kvichak River	16.15	86	I	Amb	10 00 34.5	-2.3	KDAK	Kodiak Island	18.59	87	P	Pn	10 01 04.4	+0.3
P17K	Kvichak River	16.15	86	P	P	10 00 36.5		KDAK	Kodiak Island	18.59	87	P	Pn	10 01 04.4	+0.3
P17K	Kvichak River	16.15	86	P	P	10 00 34.4	-2.4	KDAK	Kodiak Island	18.59	87	P	Pn	10 01 04.9	+0.8
H21K	Melozitna River	16.15	62	P	P	10 00 34.5	-2.5	KDAK	Kodiak Island	18.59	87	P	Pn	10 01 04.9	+0.8
SDPT	Sand Point	16.22	102	P	P	10 00 36.0	-1.6	PDMR	Palmer	18.62	74	P	Pn	10 01 05.1	+0.7
B22K	Teshehpuk Lake	16.24	45	I	Amb	10 00 37.9		GHO	Glory Hole Cre	18.65	73	P	Pn	10 01 05.0	+0.1
B22K	Teshehpuk Lake	16.24	45	P	Pn	10 00 34.4	-0.3	IL31		18.75	64	I	Amb	10 01 06.5	+0.6
D22K	Aiyikyak River	16.26	50	I	Amb	10 00 43.1		ILAR	Eielson Arroy	18.75	64	P	Pn	10 01 06.8	+0.8
D22K	Aiyikyak River	16.26	50	P	P	10 00 35.5	-2.5	ILAR	Eielson Arroy	18.75	64	P	Pn	10 05 31.5	-0.9
Q16K	King Salmon	16.27	88	P	P	10 00 36.1	-2.0	ILAR	Eielson Arroy	18.75	64	P	Pn	10 01 06.5	+0.6
N19K	Bonanza Creek	16.44	79	P	P	10 00 37.8	-2.4	G25K	Bearman Lake	18.76	57	P	Pn	10 01 06.5	+0.5
O18K	Koktuh Hills	16.46	83	P	P	10 00 38.6	-1.7	HDA	Harding Lake	18.80	65	P	Pn	10 01 07.2	+0.6
O18K	Koktuh Hills	16.46	83	P	P	10 00 38.2	-2.1	E25K	Arcic Village	18.85	53	P	Pn	10 01 07.4	+0.2
E22K	Anaktuvuk Pass	16.51	53	P	Pn	10 00 38.4	+0.1	F25K	Christian River	18.86	55	P	Pn	10 01 07.7	+0.4
I21K	Tanana	16.54	63	P	P	10 00 38.6	-2.5	SML	Sawmill	18.91	73	P	Pn	10 01 08.2	+0.3
CHUM	Lake Minchumin	16.60	68	P	P	10 00 39.3	-2.5	SML	Sawmill	18.91	73	P	Pn	10 01 08.9	+0.9
P18K	Big Mountain	16.63	84	P	P	10 00 41.0	-1.3	WAT6	Susitna Waters	18.93	70	P	Pn	10 01 08.6	+0.3
P18K	Big Mountain	16.63	84	P	P	10 00 42.3		WAT6	Susitna Waters	18.93	70	P	Pn	10 01 08.6	+0.3
H22K	Ishlitalina Cre	16.72	61	I	Amb	10 00 48.7		DHY	Denali Highway	18.95	69	P	Pn	10 01 08.4	0.0
H22K	Ishlitalina Cre	16.72	61	P	P	10 00 41.3	-1.9	DHY	Denali Highway	18.95	69	P	Pn	10 01 08.5	0.0
M20K	Styx River	16.72	75	P	P	10 00 41.2	-2.1	KNK	Knik Glacier	18.98	74	P	Pn	10 01 08.3	-0.6
O19K	Port Alsworth	16.74	81	P	P	10 00 41.5	-1.9	KNK	Knik Glacier	18.98	74	P	Pn	10 01 09.2	+0.3
Q17K	Contact Creek	16.82	89	P	P	10 00 43.0	-1.4	SEW	Seward	19.02	78	I	Amb	10 01 13.9	
PPLA	Purkeypile	16.87	71	P	P	10 00 45.6	+0.6	SEW	Seward	19.02	78	P	Pn	10 01 09.3	+0.1
PPLA	Purkeypile	16.87	71	P	P	10 00 42.8	-2.2	YAK	Yakuts	19.07	288	Pn	Pn	10 01 09.7	-0.2
R17L	Mt. Peulik Vol	16.90	91	P	P	10 00 44.0	-1.1	YAK	Yakuts	19.07	288	Pn	Pn	10 06 52.6	
PLK4	Peulik 4	16.90	91	I	Amb	10 00 47.9		YAK	Yakuts	19.07	288	Pn	Pn	10 08 34.1	
CHNA	Chernabura Isl	16.94	102	P	P	10 00 45.3	-0.4	YAK	Yakuts	19.07	288	Pn	Pn	10 01 09.6	-0.2
D23K	Nanushuk River	16.99	50	I	Amb	10 00 49.8		YAK	Yakuts	19.07	288	Pn	Pn	10 01 09.3	-0.5
D23K	Nanushuk River	16.99	50	P	P	10 00 44.1	-2.0	YAK	Yakuts	19.07	288	Pn	Pn	10 04 44.3	-0.8
C23K	Iklikik River	17.10	47	I	Amb	10 00 51.1		YAK	Yakuts	19.07	288	Pn	Pn		
C23K	Iklikik River	17.10	47	P	P	10 00 46.1	-1.3	YAK	Yakuts	19.07	288	Pn	Pn		
COLD	Coldfoot	17.12	56	P	P	10 00 48.5	+1.0	YAK	Yakuts	19.07	288	Pn	Pn		
COLD	Coldfoot	17.12	56	P	P	10 00 46.7	-0.9	YAK	Yakuts	19.07	288	Pn	Pn		
G23K	Bananza Creek	17.21	58	P	P	10 00 47.4	-1.2	YAK	Yakuts	19.07	288	Pn	Pn		
KTH	Kantishna Hill	17.28	69	I	Amb	10 00 54.4		YAK	Yakuts	19.07	288	Pn	Pn		
E23K	Chandalar	17.34	53	P	P	10 00 48.7	-1.4	C26K	Camden Bay	19.08	47	P	Pn	10 01 09.9	+0.1
SPCR	Spurr Chakacha	17.36	77	P	P	10 00 49.3	-1.0	M23K	Glacier View	19.18	73	P	Pn	10 01 11.5	+0.3
TOLK	Toolik Lake Re	17.37	51	P	P	10 00 49.0	-1.4	PWL	Port Wells	19.24	76	I	Amb	10 01 20.6	
SKT	Skwentna	17.41	74	P	P	10 00 51.8	+0.9	PWL	Port Wells	19.24	76	P	Pn	10 01 11.8	-0.2
SKT	Skwentna	17.41	74	P	P	10 00 50.5	-0.4	SCM	Sheep Creek Mo	19.35	72	P	Pn	10 01 13.2	-0.1
O20K	Slope Mountain	17.57	81	P	P	10 00 51.8	-0.8	J25K	Salcha River	19.42	64	I	Amb	10 01 18.8	
Q19K	Cape Douglas	17.57	85	P	P	10 00 51.7	-0.9	J25K	Salcha River	19.42	64	P	Pn	10 01 13.7	-0.4
TRF	Thorofare Moun	17.58	69	P	P	10 00 52.0	-0.7	F26K	Sheep Creek	19.42	54	P	Pn	10 01 13.6	-0.4
D24K	Happy Valley	17.67	50	P	P	10 00 52.9	-0.7	K24K	Donnelly Dome	19.44	66	I	Amb	10 01 18.6	
C24K	Franklin Bluff	17.75	48	I	Amb	10 00 58.4		K24K	Donnelly Dome	19.44	66	P	Pn	10 01 13.8	-0.6
C24K	Franklin Bluff	17.75	48	P	P	10 00 53.8	-0.7	C27K	Jago River	19.49	48	I	Amb	10 01 23.3	
CUT	Chulitna	17.86	72	P	P	10 00 56.9	+1.2	C27K	Jago River	19.49	48	P	Pn	10 01 14.2	-0.6
CUT	Chulitna	17.86	72	P	P	10 01 02.5		G26K	Porcupine River	19.64	56	I	Amb	10 01 23.7	
NEA2	Nenana	17.86	65	P	P	10 00 55.5	-0.2	G26K	Porcupine River	19.64	56	P	Pn	10 01 15.8	-0.8
SUA	Susitna One	17.93	75	P	P	10 00 57.8	+1.0	M24K	Toleina, Glenn	19.77	71	P	Pn	10 01 17.2	-1.1
SUA	Susitna One	17.93	75	P	P	10 01 03.1		GLI	Glacier Island	19.80	75	P	Pn	10 01 17.4	-1.1
SUA	Susitna One	17.93	75	P	P	10 00 56.4	-0.3	PAX	Paxson	19.81	68	I	Amb	10 01 26.5	
CAPN	Captain Cook N	17.99	78	P	P	10 00 57.4	+0.3	PAX	Paxson	19.81	68	P	Pn	10 01 17.8	-1.0
F24K	Squaw Lake	18.00	55	P	P	10 00 57.4	+0.1	RIDG	Independent Riv	19.86	66	P	Pn	10 01 18.0	-1.4
MCK	McKinley	18.10	67	P	P	10 00 58.6	+0.2	P23K	Montague Islan	20.00	78	P	Pn	10 01 19.5	-1.5
MCK	McKinley	18.10	67	P	P	10 00 56.0	+0.2	KLU	Klutina	20.10	73	P	Pn	10 01 20.3	-1.8
MCK	McKinley	18.10	67	P	P	10 00 58.7	+0.2	HARP	HAARP	20.12	70	P	Pn	10 01 20.9	-1.5
M22K	Willow	18.12	74	I	Amb	10 01 03.3		SCRK	Sand Creek	20.16	65	P	P	10 01 20.4	-0.7
M22K	Willow	18.12	74	P	P	10 00 58.7	+0.1	SCRK	Sand Creek	20.16	65	P	Pn	10 01 21.1	-1.9
H24K	Noodor Dome	18.16	60	P	P	10 00 58.7	-0.4	J26L	Joseph Creek	20.20	63	I	Amb	10 01 27.3	
HOM	Home	18.19	81	P	P	10 00 59.9	+0.5	J26L	Joseph Creek	20.20	63	P	Pn	10 01 22.0	-1.4
CHIR	Chirikof Islan	18.20	95	P	P	10 00 59.6	+0.1	HIN	Hinchinbrook I	20.25	76	P	P	10 01 20.8	-1.2
G24K	Hadzwenzic Riv	18.22	58	P	P	10 01 00.2	+0.5	HIN	Hinchinbrook I	20.25	76	I	Amb	10 01 30.7	
Q20K	Shuyak Island	18.29	85	P	P	10 01 01.1	+0.5	DIV	Divide	20.30	74	I	Amb	10 01 38.2	
WRH	Wood River Hill	18.30	65	P	P	10 01 01.5	+0.9	E27K	Coleen River	20.33	52	I	Amb	10 01 29.8	
COLA	College	18.32	63	P	P	10 01 02.4	+1.9	E27K	Coleen River	20.33	52	P	Pn	10 01 22.8	-2.0
COLA	College	18.32	63	P	P	10 01 02.7	+1.9	D27M	Malcolm River	20.47	49	I	Amb	10 01 40.8	
COLA	College	18.32	63	P	P	10 01 01.6	+0.8	D27M	Malcolm River	20.47	49	P	Pn	10 01 24.3	-0.1
CCB	Clear Creek Bu	18.39	64	P	Pn	10 01 02.5	+1.0	G27K	Doyon Strip	20.50	56	I	Amb	10 01 37.3	
CNPM	China Poot	18.43	81	I	Amb	10 01 04.8		G27K	Doyon Strip	20.50	56	P	Pn	10 01 24.7	-2.0
POKR	Poker Plat Res	18.45	63	P	Pn	10 01 02.3	0.0	EYAK	Yakovlev Ski Ar	20.53	75	I	Amb	10 01 28.2	
POKR	Poker Plat Res	18.45	63	P	Pn	10 01 08.8		EYAK	Yakovlev Ski Ar	20.53	75	P	Pn	10 01 25.4	-1.7
POKR	Poker Plat Res	18.45	63	P	Pn	10 01 02.8	+0.4	N25K	Chitina, Valde	20.65	72	I	Amb	10 01 39.6	
BRLK	Bradley Lake	18.50	80	I	Amb	10 01 05.1		N25K	Chitina, Valde	20.65	72	P	Pn	10 01 26.9	-1.7
WAT1	Susitna Watana	18.50	70	P	Pn	10 01 03.4	+0.4	H27K	Steamboat Moun	20.65	58	I	Amb	10 01 34.6	
H27K	Steamboat Moun	20.65	58	P	Pn	10 01 27.1	-1.5	H27K	Steamboat Moun	20.65	58	P	Pn	10 01 27.1	-1.5
UJGL	Uglegorsk	20.70	244	eP	S	10 05 28.0	-1.2	H27K	Steamboat Moun	20.65	58	P	Pn	10 01 27.1	-1.5
UJGL	Uglegorsk	20.70	244	eP	S	10 05 12.9	-4.8	H27K	Steamboat Moun	20.65	58	P	Pn	10 01 27.1	-1.5

9d 9h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZEA, ASAJ, N31M, O30N, M31M, etc.

2020 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like BLKN, SPITS, ILON, EDM, BO8A, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like BW06, PD31, PDAR, ULM, ULM, DUG, etc.

9d 10h

Table with columns: ID, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like IPOC Station P, KMSK Kamenskaya, and various IAWP stations.

KRSC 09 10:11:05.8:3.4, 62.20N:171.49E, h17km, 36km, M15.2
IDD 09 10:11:08.0:5.6, 62.17N:171.12E, h0km, mb4.4/36,
mbmp4.5/43, ML4.6/6, MS4.8/5, Error ellipse:
s-maj=13.5km s-min=8.4km az=172.0
MOS 09 10:11:09.7:1.0, 62.19N:171.10E, h13km, mb5.0/37,
MS4.4/4, Error ellipse: s-maj=6.3km s-min=5.3km az=78.1
BUJ 09 10:11:09.0:62.30N:171.00E, h10km, mb5.4/7, mb4.6/38,
MS5.5/5, M67.5.1/5
NEIC 09 10:11:11.2:1.9, 62.23N:170.07E, h10km, 1km,
mb4.9/451, Error ellipse: s-maj=12.4km s-min=9.6km
az=184.0
NERS 09 10:11:14.8, 62.52N:170.64E, h33km
ISC 09 10:11:10.4:1.2, 62.22N:170.04E, h3km, 7km,
n709, 019/531, mb4.9/235, MS4.7/8, 16C-13D, Eastern
Siberia

2020 JAN

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like KMSK Kamenskaya, OJSS Ossora, and various IAWP stations.

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Table with columns: GSTR, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Great Sitkin T, M13K Dall Lake, and various IAWP stations.

9d 10h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like S34M, U33K, WRAK, WRGLY, T35M, TOAD, HILR, MSHR, CN2, NR1K, NR1K, YKAW, YKA, YKA, MAJO, MJAR, SNY, KSRS, NOR, TULEG, TLY, LLLB, ULN, MOY, SONM, SONM, SONM, ILON, EDM, KNGR, EPH, C09A, HHC, HHC, WAH2, E07A, D08A, HOOD, HAWA, H04A, B02, WIFE, PINE, FFC, FCC, J05D, ZAA0, ZALV, L04D, K05A, MSO, SUMG, SUMG, N02D, O02D, NJ2.

2020 JAN

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like WVOR, DGZ, MFID, BOZ, LYN, MNRC, SUTB, ARCES, YHB, YMR, PAHR, DGMT, YNE, YMP, LKWY, H17A, RLMT, MOOW, LOHW, ELK, ZSN, ZSN, KURK, KURK, HVU, KURBB, NVAR, NVAR, LZH, LZH, MDPB, LZDM, ULM, ULM, ULM, BW06, PD31, PDAR, PDAR, DSP, DUG, BVAR, BVAR, BORK, BORK, BORK, CTU, MK31, MKAR, WMQ, WMQ, MAZK, MAZK, MAZK, GRAC, YES, BSUT, EPLO, RSSD, RSSD, RSSD, K22A, AGMN, WCT, FURC, RDMU, PRN, CLC, ARTI, ARTI, ARTI, ARTI, ARTI, GUY, QSM, WSHM, LRMC.

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Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like CCCC, Q16A, SHOC, SZCU, GSC, O20A, MWC, KNB, V12A, F33A, HMU, PV23, PV22, GOMU, PV14, PV04, PV19, U15A, PV16, PV17, PV07, TDK, TDK, TDK, PV03, PV05, PV13, PV15, PV01, PFO, PFO, PFO, IRM, SHLS, SHLS, SHLS, BLYC, WUAZ, FINES, FINES, UZB, UZB, SPMM, S22A, GLA, X16A, MDOK, MDOK, AAA, AAA, TNS, TNS, SCHO, X18A, WUS, SGDS, T25A, AKTO, AKTO, NB2, NOA, NOA, ABKR, AAK, AAK, AAK, ANMO, ANMO, TASM, TASM, TASM, TUC, TUC, HFS, ARLS, Y22A, L40A, DZA, DZA, DZA, PZH, BELG.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BELG Belogornoye, KKAR Karatay Array, and many others.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NRCA Norcia, ESDC Sonseca Array, and many others.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONM, CMAR Chiang Mai Arr, and many others.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like A36M, SACHS Harbour, SCHO, etc.

KRSC 09 11:05:34.7±2.1, 62°05'N-171°96'E, h17km±23km, ML4.7
MOS 09 11:05:40.8±1.1, 62°13'N-170°99'E, h11km, mb4.3/2, Error ellipse: s-maj=13.8km s-min=10.1km az=76.3

IDC 09 11:05:40.6±0.7, 62°03'N-170°97'E, h0km, mb3.7/1.2, mbmp3.9/19, ML4.2/6, Error ellipse: s-maj=21.4km s-min=11.6km az=6.0

NEIC 09 11:05:42.5±2.3, 62°02'N-170°95'E±0.1, h10km±1km, mb4.0/50, Error ellipse: s-maj=13.8km s-min=11.1km az=165.0

NERS 09 11:05:45.4, 62°56'N-170°63'E, h0km
ISC 09 11:05:42.5±0.5, 62°03'N-170°97'E±0.04, h10km, n111, ±142°/108, mb3.9/21, Eastern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KMSK, TILK, ANDR, OMR, etc.

2020 JAN

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like G21K, F21K, B22K, etc.

9d 11h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GLG1, IDHR, IGHW, etc.

KRNET 09 11:21:33.4±0.1, 43°89'N-69°40'E, mb3.1
NMC 09 11:21:34.0±2.6, 43°68'N-69°80'E, h0km, mb3.5, mpv3.0, Error ellipse: s-maj=16.0km s-min=5.8km az=135.0

SOME 09 11:21:34.1, 43°62'N-69°78'E
ISC 09 11:21:34.8±2.1, 43°76'N-69°83'E±0.09, h0km, n19, ±250°/29, 12C-8D, Central Kazakhstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BRLS, KK31, MNAS, etc.

IDC 09 11:21:53.8±1.3, 62°00'N-170°92'E, h0km, mb3.6/6, mbmp3.5/8, ML2.9/2, Error ellipse: s-maj=51.3km s-min=16.7km az=5.0

NERS 09 11:22:01.8, 62°54'N-170°54'E, h33km
ISC 09 11:22:01.5±0.9, 62°31'N-170°80'E±0.06, h10km, n13, ±189°/14, mb3.7/6, Eastern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ANDR, BILB, SEY, etc.

TEH 09 11:08:27.5, 34°76'N-45°52'E, h8km±290km, ML2.5, Presumed earthquake
ISC 09 11:08:28.0±0.5, 34°74'N-45°52'E, h18km±18km, ML2.8
ISC 09 11:08:27.4±1.0, 34°76'N-45°51'E±0.05, h10km, n10, ±040°/13, Iran-Iraq border region

9d 14h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Warramunga Arr, Borovoye Array, Kurchatov Arr, etc.

JMA 09 14:07:58.9, 0.2, 22°N, 121°E, h24km, 1km, ML3.2, TAIWAN REGION
TAP 09 14:08:00.7, 22°22'N, 121°46'E, h24km, 1km, ML3.2, G
ISC 09 14:07:59.9, 0.2, 22°24'N, 121°46'E, 0.02, 121°46'E, h7km, n102, s194/070, 2C-70, Taiwan region

Main table of station data with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists numerous stations and their coordinates.

2020 JAN

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Nan Shan, Liyutan, Penghu, Datong, Nioudou, Dongsang, etc.

RSPR 09 14:09:48.6, 18°02'N, 66°84'W, h10km, 1km, MD2.3/7
NEIC 09 14:09:48.7, 1.0, 18°02'N, 01°66.837'W, 0.009, h10km, 1km, ML2.7/22, M02.3/7(RSPR), 4C-4D, Error ellipse: s-maj=3.1km s-min=2.2km az=168.0, Puerto Rico region

Main table of station data for the 2020 JAN section with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like Magueyes Islan, Obispo Ponce, etc.

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

IDC 09 14:19:01.2, 71.6, 60°09'N, 171°19'E, h0km, mb3.7/4, mbtmp3.6/5, ML3.4/1, MS3.2/3, Error ellipse: s-maj=219.5km s-min=24.5km az=175.0

KRSC 09 14:19:06.2, 1.1, 62°14'N, 171°37'E, h18km, 6km, M14.4
MOS 09 14:19:10.9, 1.8, 62°11'N, 170°55'E, h12km, mb4.3/5, Error ellipse: s-maj=16.1km s-min=12.6km az=106.7

NEIS 09 14:19:13.5, 62°40'N, 170°42'E, h0km
ISC 09 14:19:13.4, 0.8, 62°22'N, 016°170.76'E, 0.05, h10km, n38, c247/39, mb4.0/7, 6C-3D, Eastern Siberia

Main table of station data for the 626 section with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Lists stations like Kamenskaya, Kamenskaya, etc.

9d 15h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HO4N1 CROZET ISLANDS 60.51 218 T, HO4N3 CROZET ISLANDS 60.51 218 T, TXAR Lajitas Array 144.93 41 PKPbc PKPdf.

IDC 09 15:05:50.0z 11.0, 0.68N:97.87E, h0km, mb3.4/3, mbmp3.4/3, Error ellipse: s-maj=62.1km s-min=30.4km az=57.0

DJA 09 15:05:55.6z 1.0, 1.1N:5.97E, h30km, 8km, M3.9/9, mB5.4/1, mB4.7/2, MLv3.5/9, Mw(mB)4.9/1

ISC 09 15:05:53.2z 1.6, 0.76N:0.09, 96.93E:0.10, h10km, n22, @123/12, mb3.4/3, Off west coast of northern Sumatra

Main table for 9d 15h section, listing various seismic stations and their data points.

DJA 09 15:06:43.9z 0.3, 3.3S:2.10E, h10km, M3.4/7, MLv3.4/7, Southern Sumatra

Table for DJA 09 15:06:43.9z section, listing stations like KSI Kapahiang, UBSI University, Be, MASI Maura Aman, Be, etc.

IDC 09 15:11:24.5z 0.7, 30.90S:106.66W, h0km, mb4.0/7, mbmp4.0/7, MS3.8/15, Error ellipse: s-maj=29.7km s-min=23.0km az=55.0

NEIC 09 15:11:26.2z 1.8, 30.79S:0.10, 106.76W:0.1, h10km, 1km, mb4.0/28, Error ellipse: s-maj=19.1km s-min=14.6km az=32.0

ISC 09 15:11:25.6z 0.5, 30.80S:0.09, 106.76W:0.1, h10km, n66, @120/55, mb4.5/21, MS3.8/14, Easter Island region

Main table for 9d 15h section, listing various seismic stations and their data points.

2020 JAN

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

IDC 09 15:31:12.5z 1.1, 2.66N:128.92E, h0km, mb3.8/7, mbmp3.9/8, ML4.2/1, Error ellipse: s-maj=74.0km s-min=16.1km az=70.0

NEIC 09 15:31:14.9z 2.5, 2.58N:0.09, 128.85E:0.08, h35km, 2km, mb4.0/27, Error ellipse: s-maj=15.2km s-min=12.6km az=214.0

DJA 09 15:31:16.4z 0.6, 2.6N:6.129E, h10km, M4.5/12, mB5.1/1, mb4.6/4, MLv4.5/12, Mw(mB)4.5/1

ISC 09 15:31:14.7z 0.6, 2.55N:0.07, 128.91E:0.09, h35km, n54, @215/52, mb4.3/17, Halmahera

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

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Table for 628 section, listing stations like MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Kurchatov, etc.

IDC 09 15:31:36.1z 0.4, 2.65N:128.91E, h0km, mb4.1/14, mbmp4.2/16, ML4.5/2, MS3.1/2, Error ellipse: s-maj=21.7km s-min=13.0km az=72.0

NEIC 09 15:31:39.8z 1.8, 2.52N:0.07, 128.85E:0.07, h35km, 2km, mb4.6/45, Error ellipse: s-maj=13.0km s-min=11.1km az=224.0

ISC 09 15:31:39.9z 0.4, 2.52N:0.06, 128.89E:0.08, h35km, n91, @142/87, mb4.5/36, 1C, Halmahera

Main table for 628 section, listing various seismic stations and their data points.

COLA	College	18.36	64	eP	P	16 11 06.6	+2.3
COLA	comp=Z,24nm,1.3s						
COLA	College	18.36	64	P	P	16 11 03.8	-0.5
Q20K	Shuyak Island	18.88	85	P	P	16 11 03.8	-0.8
TIXI	Tiksi	18.41	318	P	Pn	16 11 06.4	+1.6
TIXI	comp=Z,0.5nm,0.3s,baz=120,slow=1.1,SNR=31						
TIXI	comp=Z,251nm,20.5s,baz=121,slow=38						
TIXI	comp=Z,8.8nm,0.7s						
TIXI	Tiksi	18.41	318	P	P	16 11 03.6	-1.2
TIXI	Tiksi	18.41	318	P	P	16 11 03.6	-1.2
POKR	Poker Plat Res	18.49	63	Iamb	Iamb	16 11 12.9	
POKR	Poker Plat Res	18.49	63	P	Pn	16 11 05.3	-0.6
D25K	Kavik River	18.55	49	P	P	16 11 05.9	-0.7
WATI	Susitna Watana	18.55	70	P	Pn	16 11 06.2	-0.5
SII	Sitkinak Island	18.57	92	P	Pn	16 11 06.2	-0.7
RC01	Rabbit Creek A	18.59	76	P	Pn	16 11 06.3	-0.8
OHAK	Old Harbor	18.64	89	P	Pn	16 11 07.1	-0.6
BRSE	Bradley Lake S	18.65	81	P	Pn	16 11 07.4	-0.5
PMR	Palmer	18.68	74	P	Pn	16 11 08.0	-0.2
KDAK	Kodiak Island	18.68	87	P	P	16 11 09.2	+1.0
KDAK	comp=Z,0.5nm,0.3s,baz=293,slow=2.7,SNR=4.1						
KDAK	comp=Z,156nm,20.4s,baz=293,slow=38						
KDAK	comp=Z,1.1nm,1.0s						
KDAK	Kodiak Island	18.68	87	P	Pn	16 11 07.5	-0.7
KDAK	comp=Z,31nm,1.1s						
KDAK	Kodiak Island	18.68	87	P	Pn	16 11 07.6	-0.7
KDAK	Kodiak Island	18.68	87	P	Pn	16 11 07.6	-0.7
GHO	Glory Hole Cre	18.71	74	Iamb	Iamb	16 11 29.9	
ILAR	Eielson Array	18.78	64	P	P	16 11 10.3	+0.8
ILAR	comp=Z,0.3nm,0.3s,baz=265,slow=8.1,SNR=25						
ILAR	comp=Z,317nm,18.7s,baz=288,slow=37						
ILAR	Eielson Array	18.78	64	P	P	16 11 07.8	-1.2
ILAR	Eielson Array	18.78	64	P	P	16 11 07.8	-1.2
O22K	Cooper Landing	18.82	78	P	P	16 11 09.1	-0.8
HDA	Harding Lake	18.84	65	Iamb	Iamb	16 11 17.2	
HDA	Harding Lake	18.84	65	P	Pn	16 11 09.1	-1.1
E25K	Arctic Village	18.86	53	Iamb	Iamb	16 11 15.5	
E25K	Arctic Village	18.86	53	P	Pn	16 11 09.7	-0.7
F25K	Christian River	18.87	55	P	Pn	16 11 09.8	-0.8
YAK	Yakutsk	18.95	288	P	P	16 11 11.8	+0.4
YAK	comp=Z,2.4nm,0.3s,baz=70,slow=2.8,SNR=12						
YAK	comp=Z,249nm,18.7s,baz=76,slow=40						
YAK	Yakutsk	18.95	288	P	P	16 11 10.6	-0.2
YAK	Yakutsk	18.95	288	eP	Pn	16 11 11.6	+0.2
YAK	Yakutsk	18.95	288	eS	S	16 11 45.8	+0.1
YAK	comp=N,2.0nm,0.9s						
YAK	comp=Z,2.7nm,0.9s						
YAK	comp=E,14nm,1.1s						
YAK	comp=N,69nm,2.9s						
YAK	comp=E,18nm,2.9s						
YAK	comp=Z,222nm,13.0s						
YAK	comp=E,332nm,14.0s						
SML	Sawmill	18.97	73	Iamb	Iamb	16 11 46.8	
SML	Sawmill	18.97	73	P	Pn	16 11 10.9	-0.9
WAT6	Susitna Watana	18.98	71	P	Pn	16 11 11.1	-0.9
DHY	Denali Highway	19.00	69	P	P	16 11 10.8	-0.7
KNK	Knik Glacier	19.05	74	P	P	16 11 11.7	-1.0
C26K	Camden Bay	19.07	48	P	P	16 11 11.5	-0.6
SEW	Seward	19.09	79	P	Pn	16 11 12.2	-1.0
M23K	Glacier View	19.24	73	P	P	16 11 13.3	-0.8
PWL	Port Wells	19.31	76	P	P	16 11 14.3	-0.5
SCM	Sheep Creek Mo	19.41	73	Iamb	Iamb	16 11 26.1	
SCM	Sheep Creek Mo	19.41	73	P	P	16 11 15.2	-0.7
F26K	Sheenjek River	19.43	54	Iamb	Iamb	16 11 22.7	
F26K	Sheenjek River	19.43	54	P	P	16 11 15.2	-0.9
J25K	Salcha River	19.45	64	Iamb	Iamb	16 11 23.6	
J25K	Salcha River	19.45	64	P	P	16 11 16.0	-0.4
K24K	Donnelly Dome	19.48	66	P	P	16 11 16.4	-0.3
K24K	Donnelly Dome	19.48	66	P	P	16 11 15.6	-1.2
C27K	Jago River	19.49	49	Iamb	Iamb	16 11 42.1	
M24K	Paxson	19.83	71	P	P	16 11 19.4	-1.1
PAX	Paxson	19.86	69	Iamb	Iamb	16 11 26.4	
PAX	Paxson	19.86	69	P	P	16 11 19.7	-1.1
RIDG	Independent RI	19.90	66	P	P	16 11 20.2	-1.1
P23K	Montague Islan	20.07	78	P	P	16 11 22.2	-0.9
KLU	Klutina	20.16	73	P	P	16 11 22.6	-1.5
HARP	HAARP	20.18	70	P	P	16 11 23.6	-0.7
SCRK	Sand Creek	20.20	65	Iamb	Iamb	16 12 00.9	
SCRK	Sand Creek	20.20	65	P	P	16 11 24.0	-0.6
J26L	Joseph Creek	20.24	64	Iamb	Iamb	16 11 30.6	
J26L	Joseph Creek	20.24	64	P	Pn	16 11 25.5	-1.4
HIN	Hinchinbrook I	20.32	76	P	Pn	16 11 26.1	-1.8
E27K	Coleen River	20.34	53	P	P	16 11 25.5	-0.5
D27M	Malcolm River	20.47	50	Iamb	Iamb	16 11 45.5	
G27K	Doyon Strip	20.51	57	Iamb	Iamb	16 11 37.1	
G27K	Doyon Strip	20.51	57	P	Pn	16 11 27.8	-1.4
EYAK	Cordova Ski Ar	20.60	75	P	Pn	16 11 29.4	-1.6
MENT	Mentasta	20.63	68	Iamb	Iamb	16 11 41.8	
H27K	Steamboat Moun	20.67	58	Iamb	Iamb	16 11 37.8	
H27K	Steamboat Moun	20.67	58	P	P	16 11 30.2	-1.8
N25K	Chitina, Valde	20.70	72	P	Pn	16 11 30.4	-2.0

L26K	Log Cabin Wild	20.76	68	P	P	16 11 30.3	-0.3
L26K	Log Cabin Wild	20.76	68	P	Pn	16 11 31.5	-1.4
I27K	Kandik River	20.77	60	Iamb	Iamb	16 11 37.5	
I27K	Kandik River	20.77	60	P	Pn	16 11 31.2	-2.0
Q23K	Middleton Isla	20.80	79	P	P	16 11 30.8	-0.2
BMRM	Bremner River	20.95	74	P	P	16 11 31.8	-0.8
E28M	Babbage River	21.05	51	Iamb	Iamb	16 11 42.4	
E28M	Babbage River	21.05	51	P	P	16 11 33.2	-0.5
F28M	Old Crow	21.06	54	Iamb	Iamb	16 11 56.4	
F28M	Old Crow	21.06	54	P	P	16 11 34.3	+0.4
GLB	Gilahina Butte	21.12	72	Iamb	Iamb	16 11 52.0	
M26K	Nabesna, AK	21.12	69	P	P	16 11 35.0	+0.5
D28M	Stokes Point	21.25	49	P	P	16 11 35.8	0.0
VRDI	Verde Repeater	21.36	72	Iamb	Iamb	16 11 46.4	
L27K	Bear Creek	21.40	67	P	P	16 11 36.2	-1.3
L27K	Beaver Creek	21.40	67	P	P	16 11 37.5	0.0
BCAR	Beaver Creek A	21.42	67	P	P	16 11 36.5	-1.2
KALIM	Kayak Island	21.46	76	P	P	16 11 38.5	+0.4
MCARA	McCarthy VSAT	21.49	72	P	P	16 11 38.7	+0.3
I28M	Miner Creek	21.49	60	P	P	16 11 38.3	-0.2
M27K	Edge Creek, AK	21.62	69	Iamb	Iamb	16 12 06.4	
M27K	Edge Creek, AK	21.62	69	P	P	16 11 40.2	+0.1
E29M	Blow River	21.68	52	Iamb	Iamb	16 11 59.0	
E29M	Blow River	21.68	52	P	P	16 11 40.2	-0.1
CRQE	Croise	21.71	73	P	P	16 11 40.9	0.0
GRNR	Gorniy	21.86	254	eP	P	16 11 40.4	-2.1
G29M	Pine Hole	21.90	56	P	P	16 11 41.8	-1.1
H29M	Whitstone	21.93	57	P	P	16 11 42.8	-0.3
BVCY	Beaver Creek	22.05	68	P	P	16 11 44.8	+0.3
YSS	Yuzhno-Sakhali	22.06	239	eP	P	16 11 46.5	+1.9
YSS	YSS			eS	S	16 15 52.2	+4.5
DAWY	Dawson	22.11	63	Iamb	Iamb	16 11 44.2	-0.8
DAWY	comp=Z,12nm,1.0s						
DAWY	Dawson	22.11	63	P	P	16 11 45.4	+0.3
I29M	Ogilvie Camp,	22.17	60	P	P	16 11 46.2	+0.5
CTG	Chitna Glacier	22.40	72	P	P	16 11 48.5	+0.1
YUK3	Moose Plains	22.46	69	P	P	16 11 49.2	+0.1
EYKJ	Eagle Creek	22.53	57	P	P	16 11 49.5	-0.1
F30M	Barrier River	22.60	53	P	P	16 11 50.3	0.0
K29M	Barlow Dome	22.96	63	P	P	16 11 53.9	-0.4
L29M	L29M	22.96	65	Iamb	Iamb	16 12 07.9	
L29M	L29M	22.96	65	P	P	16 11 54.2	0.0
YUK6	Steele Glacier	22.97	70	P	P	16 11 54.1	-0.4
I30M	Mount Dempster	22.99	59	Iamb	Iamb	16 12 14.4	
I30M	Mount Dempster	22.99	59	P	P	16 11 54.4	-0.1
O28M	Mount Upton	23.00	72	P	P	16 11 55.1	+0.3
M29M	Somme Creek	23.07	67	Iamb	Iamb	16 12 13.7	
M29M	Somme Creek	23.07	67	P	P	16 11 55.6	+0.2
J30M	Hart River	23.21	61	P	P	16 11 56.7	-0.1
PINM	Pinnacle	23.27	73	P	P	16 11 56.9	-0.4
INK	Inuvik	23.29	51	Iamb	Iamb	16 12 15.3	
INK	Inuvik	23.29	51	P	P	16 11 57.6	+0.3
G31M	Satah River	23.34	55	P	P	16 11 58.1	+0.2
F31M	Tsighehtchic	23.41	53	Iamb	Iamb	16 11 58.9	+0.4
F31M	Tsighehtchic	23.41	53	P	P	16 11 58.8	+0.2
YUK4	Talbot Arm	23.43	70	P	P	16 11 59.9	+0.8
H31M	Peel River	23.62	57	P	P	16 12 01.1	+0.3
YUK6	Outpost Mounta	23.73	70	P	P	16 12 01.0	-1.1
M30M	Minto, Yukon	23.73	66	P	P	16 12 01.2	-0.7
O29M	Mount Kennedy	23.92	72	P	P	16 12 03.1	-0.7
N30M	Aishik Lake	24.06	68	P	P	16 12 04.9	-0.1
ZEA	Zeya	24.13	269	eP	P	16 12 06.3	+0.6
ZEA	comp=Z,10.0nm,1.2s						
ZEA	comp=N,200nm,11.0s						
HYT	Haines Junctio	24.16	70	Iamb	Iamb	16 12 37.9	
HYT	Haines Junctio	24.16	70	P	P	16 12 05.9	-0.1
ASAJ	Asahikawa	24.48	235	LR	LR	16 22 03.3	
N31M	Braeburn, Yuko	24.62	68	P	P	16 12 09.6	-0.5
P30M	Million Dollar	24.72	71	P	P	16 12 10.4	-0.6
O30N	Mendenhall	24.80	69	P	P	16 12 11.7	0.0
M31M	Drury Creek, Y	24.91	66	P	P	16 12 12.7	0.0
PLBC	Pleasant Camp	25.30	72	P	P	16 12 16.2	0.0
A36M	Sachs Harbour	25.32	41	P	P	16 12 16.5	-0.1
FARO	Faro, Yukon	25.34	65	P	P	16 12 16.5	-0.1
WHY	Whitehorse	25.38	69	P	P	16 12 16.5	-0.6
SKAG	Skagway	25.76	72	P	P	16 12 19.2	-1.2
N32M	Quiet Lake	25.93	67	P	P	16 12 20.7	-1.3
S31K	Pelican	26.15	75	P	P	16 12 23.1	-0.6
C36M	Paulatuk	26.34	47	P	P	16 12 25.0	-0.5
P32M	Atlin	26.41	71	P	P	16 12 25.8	-0.5
P33M	Teslin, Yukon	26.50	69	P	P	16 12 26.1	-1.0
R32K	Eagle River	26.73	74	P	P	16 12 29.0	-0.2
SIT	Sitka	27.03	76	P	P	16 12 30.8	-1.0
S32K	Kiliseo	27.14	75	P	P	16 12 32.6	-0.3
Q32M	Nakina River	27.37	71	P	P	16 12 33.9	-1.3
S34M	Telegraph Cree	28.44	72	P	P	16 12 43.6	-0.9

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like AB31, AAK, AAK, ANMO, ARLS, PZH, OBN, SADO, CHGR, TXAR, TXAR, EKA, CMAR, CMAR, TKL, KIV, KBZ, KBZ, VRAC, AKT, PKT, ESDC, ESDC, PALK, WRA, ASAR, QSPA.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like KSR5, MKAR, KURBB, BVAR, FINES.

AEIC 09 16:20:13.0, 1.6, 56.57N, 0.07x148.9W, 0.1, h11km, 7km, Error ellipse: s-maj=11.5km s-min=7.6km az=145.0

NEIC 09 16:20:07.5, 1.3, 56.51N, 0.07x148.93W, 0.08, h10km, 2km, ML3.5/50, ML3.2(AEIC), Error ellipse: s-maj=12.8km s-min=8.4km az=162.0, Gulf of Alaska

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like KDAK, OHAK, OHAK, SYI, SYI, SYI, R18K, R18K, MID, MID, CNPM, CNPM, BRSE, BRSE, Q19K, Q19K, P23K, P23K, SEW, SEW, KAHG, KAHG, KAWH, KAWH, KARR, KARR, KAKN, KAKN, CAHL, CAHL, ACHA, ACHA, P19K, P19K, P19K, P19K, KJL, KJL, SKLM, SKLM, ILS, ILS, HIN, HIN, P19K, P19K, CNTE, CNTE, KAIM, KAIM, PLK4, PLK4.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like PWL, PWL, EYAK, EYAK, RED, RED, P18K, P18K, RDSO, RDSO, RAGM, RAGM, GLI, GLI, GLI, GLI, SUCK, SUCK, SUC, SUC, DFR, DFR, HMT, HMT, NICHA, NICHA, RC01, RC01, GOAT, GOAT, O18K, O18K, O18K, O18K, BERG, BERG, P17K, P17K, SNH, SNH, DIV, DIV, DIV, DIV, KNK, KNK, KNK, KNK, KHIT, KHIT, SPU, SPU, BMRM, BMRM, BMRM, BMRM, SUA, SUA, SUA, SUA, WAX, WAX, PMR, PMR, PMR, PMR, BARK, BARK, N19K, N19K, N19K, N19K, MESA, MESA, CRQM, CRQM, CRQM, CRQM, STLK, STLK, KLU, KLU, KLU, KLU, SPNN, SPNN, GHO, GHO, GHO, GHO, GHO, GHO, TGL, TGL, TGL, TGL, SML, SML, SML, SML, ISLE, ISLE, ISLE, ISLE, BAGL, BAGL, SCM, SCM, VRDI, VRDI, N18K, N18K, N25K, N25K, GLB, GLB, SIKT, SIKT, GRNC, GRNC, TABL, TABL, MCARA, MCARA, O16K, O16K, PTPK, PTPK, M24K, M24K, M20K, M20K, PCA, PCA, N17K, N17K, WKYR, WKYR, LOGN, LOGN, BCMP, BCMP, M18K, M18K, HARP, HARP, CNEA, CNEA, WAT7, WAT7, O15K, O15K, L19K, L19K, M17K, M17K, PKLA, PKLA, DHY, DHY, M26K, M26K, PAX, PAX, YUK2, YUK2, YUK3, YUK3, M16K, M16K, RND, RND, N15K, N15K, L18K, L18K, TRF, TRF, S31K, S31K, L26K, L26K, KTH, KTH, PLBC, PLBC, HYT, HYT, L27K, L27K, K24K, K24K, DCAR, DCAR, BOT, BOT, DTG, DTG, SKAC, SKAC, K17K, K17K, BESE, BESE, N30M, N30M, SCR3, SCR3, S32K, S32K.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like M29M, R32K, CCB, K27K, ILAR, N31M, WHY, J26L, M13K, L29M, L14K, P32M, J16K, P33M, Q32M, K29M, M31M, H21K, H24K, FARO, I28M, R33M, J30M, G31M, G31M, GAMB.

IDC 09 16:25:54.8, 1.7, 19.94S, 71.03W, h0km, mb4.0/3, mbmp3.8/6, ML3.7/3, MS3.3/5, Error ellipse: s-maj=53.9km s-min=31.6km az=13.0

GFZ 09 16:25:57.8, 1.9, 74S, 71.14W, h2km, MW4.2, Moment Tensor Solution, s17, Moment tensor: Mr=1.0; Mw=0.61; Mw-1.71; Mo=0.65; Mw=0.17; Mw-1.92; Fault plane solution: NP1=161.00000, 673.00000, 1.77.00000, NP2=20.00000, 821.00000, 1.26.00000. Principal axes: T 2.2400, Plg60.0000, Azm54.0000; N 0.5100, Plg12.0000, Azm165.0000; P -2.7500, Plg27.0000, Azm261.0000

NEIC 09 16:25:57.1, 1.7, 19.78S, 0.03x71.11W, 0.05, h10km, 1km, mb4.1/6, ML4.1(GUC) Error ellipse: s-maj=9.1km s-min=3.6km az=247.0

GUC 09 16:25:59.0, 1.9, 72S, 71.13W, h35km, 6km, ML4.1, ISC 09 16:25:56.0, 1.5, 19.74S, 0.02x71.09W, 0.06, h14km, 9km, m65, r=1317/1, mb4.0/3, 9C-1D, Off coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Huaquique, TA02, TA02, TA01, TA01, TA01, TA01, HMBC, HMBC, HMBC, HMBC, PB12, PB12, PB12, PB12, PB11, PB11, PB11, PB11, PATCX, PATCX, PATCX, PATCX, AP01, AP01, AP01, AP01, G001, G001, G001, G001, PB08, PB08, PB02, PB02, PB02, PB02, PB01, PB01, PB01, PB01, PB16, PB16, PB16, PB16, PB07, PB07, PB03, PB03, PB08, PB08, PB06, PB06, PB10, PB10, AF01, AF01, LPAZ, LPAZ, LPAZ, LPAZ, G002, G002, AC01, AC01, AC02, AC02, G003, G003, CO01, CO01, SIV, SIV, PTLB, PTLB, CPUP, CPUP, H03N1, H03N1, H03N2, H03N2, H03N3, H03N3, PLTB, PLTB, PLTB, PLTB, PLCA, PLCA, PLCA, PLCA, BOAV, BOAV, BOAV, BOAV.

9d 17h

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Table with columns: Station, Name, Time, Res, and various status indicators. Includes stations like KNRA, FAKI, FAKI, FAKI, SIJI, SWI, KRAI, NLANI, SOEI, SOEI, BATI, TINTI, TINTI, SANI, SANI, SANI, PSA00, PSA00, PSA00, PSA00, VVDA, MWIA, MWIA, MEEK, NWAOW, NWAOW, MMRI, BLDU, EDFI, MURW, MURW, WSI, LUWI, LUWI, LBF1, APSI, MRSI, DBNI, PLAI, PLAI, TOL1, TOL1, TOL1, TWSI, MPSI, SNJI, PCJI, QSPA, QSPA, MJAR, UGM, PETK, PETK, PETK, BORC, CMB, M02C, BELA, YBLA, YBLA, MPK, NJ2, NJ2, PNTR, DSP, IRM, LHV, GRAC, RYAN, RYAN, NVAR, NV11, K05A, S11A, WIFE, O18K, HO4A, PRN, PINE, L14K, I05D, TUC, HOOD, X16A, LCMT, G06A, J08A, KNB, GNW, IPM, U15A, ELK, ELK, L18K.

Table with columns: Station, Name, Time, Res, and various status indicators. Includes stations like PKCU, RC01, L19K, G08A, SUA, MTPU, E07A, 121A, E08A, EPH, D08A, HNS, N25K, B08A, SRU, KTH, TRF, 028M, ENH, MNTX, TXAR, TXAR, MCK, PV10, PV19, PV20, PV23, ELIB, TASM, TASM, ANMO, ANMO, M27K, K24K, WRH, HDA, CCB, COLA, IL31, ILAR, ILAR, M19K, H2K2, VNA3, XAN, XAN, E18K, G21K, K27K, YHB, PDAR, PDAR, M30M, BOZ, H17A, VNA2, E19K, LKWK, VNA1, DRIO, DAWY, G23K, MSTX, YNE, K29M, HHC, HHC, COLD, D19K, RLMT, D20K, C19K, E21K, I28M, F24K, CMAR, CMAR, I29M, CHTO, G26K, I30M.

Table with columns: Station, Name, Time, Res, and various status indicators. Includes stations like PZH, APMT, D23K, RSSD, LZH, LZH, YKA, MKAR, KURBB, BVAR, ARCES, FINES, HFS, AKASO, LODK, EKA, BNN, BR131, BRTR, BRTR, BUR08, BUR08, OSTD, CLC, GLL, DPC, MMAI, BRG, BRG, MORC, VRAO, JAVC, KRUC, ZVC, KHC, KHC, CKRC, GERES, GERES, CONA, RONA, ARSA, BIOA, LESA, SOKA, KBA, OBKA, WTTA, MYKA, ABTA, FETA, ESDC, NEIC, RSPR, ISC, Code, Station, Name, Time, Res, and various status indicators.

Table with columns: IDE, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like Isla Desecheo, Guaynabo City, Col San Antoni, Loma Pena Alta.

IDC 09 17:15:02.9; 1.56; 07S; 26.68W; h28km; 11km; mb4.7/15; mtbpm4.8/16, ML4.0/1, MS4.3/38, Error ellipse: s-maj=17.2km s-min=12.9km az=57.0

MOS 09 17:15:03.1; 1.56; 10S; 26.85W; h39km; mb5.4/16, Error ellipse: s-maj=17.8km s-min=10.8km az=115.3

NEIC 09 17:15:03.9; 1.56; 04S; 01:20:67W; 0.1; h35km; 1km; mb5.3/77, Mw=5.0/9, Error ellipse: s-maj=17.1km s-min=13.3km az=202.0

GCMT 09 17:15:06.0; 0.2; 56; 10S; 01:26:45W; 0.02; h30km; MW5.2/108, Moment Tensor Solution. s74.c108; s108.c154; Duration: 1s0 Moment tensor: Scale 10^16 Nm; Mn: 5.74; 1.9; Mb: -1.24; 1.5; Mo: -4.50; 1.4; Mw: 0.22; 2.0; Mo: 3.05; 0.8; Mo: 4.25; 1.8; Best double couple: M: 7.40100; 10^16 NP1.3; 131.00000; 3.3300000; 7.58.00000; NP2.3; 348.00000; 863.00000; 7.109.00000

Principal axes: T 7.4640, P167.0000, Azm293.0000; N -0.1270, P17.0000, Azm159.0000; P -7.3370, P16.0000, Azm64.0000. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 09 17:15:03.8; 0.2; 56.07S; 006.2680W; 0.05; h35km; n532, c0871497, mb5.3/62, MS4.3/39, 11C-12D, South Sandwich Islands region

Main table for station 635, listing station names, coordinates, and observed data points.

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Table with columns: Name, Location, Date, Time, Status, and other details. Includes entries like NVAR Mina Array Bay, MOOV Moose Ponds, OBN Obnisk, etc.

Table with columns: Name, Location, Date, Time, Status, and other details. Includes entries like M27K Edge Creek, E29M Blow River, I28M Miner Creek, etc.

Table with columns: Name, Location, Date, Time, Status, and other details. Includes entries like M22K Willow, F24K Squaw Lake, HOM Home, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Selawik, Wainwright, Kasigliuk River, etc.

NEIC 09 17:53:06.7z 1.1, 17.94N:0.03:66.808W:0.009, h10km,1km,ML3.0/24,Mod2.5/9(RSPR), Error ellipse: s-maj=5.0km s-min=2.6km az=177.0

RSPR 09 17:53:06.7z 1.1, 17.95N:66.82W, h10km,ML2.0/19 ISC 09 17:53:06.3z 1.3, 17.94N:0.05:66.81W:0.022, h18km,6km, n36, c051/149, 2C-7D, Puerto Rico region

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Loma Pena Alta, Dimbokro, Kesra Infrason, etc.

HEL 09 18:00:35.1z 0.6, 67.03N:20.85E, h0km,ML2.1, Suspected explosion UPP 09 18:00:35.0z 1.1, 67.06N:20.97E, h0km,ML2.2, Suspected explosion

ISC 09 18:00:35.9z 1.1, 67.09N:20.99E, h0km,mbtmp3.0/4, ML1.9/4, Error ellipse: s-maj=20.8km s-min=9.4km

ISC 09 18:00:35.3z 0.8, 67.08N:0.03:21.00E:0.03, h0km, n33, i130/40, Sweden

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Dundret, Masungbyn, Pajala, etc.

ISC 09 18:00:53.1z 1.3, 67.07N:21.27E, h0km,mbtmp2.8/3, ML1.9/3, Error ellipse: s-maj=23.8km s-min=10.9km

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

RSNC 09 18:06:05.0z 0.0, 7.1N:1.73W, h152km,2km, M3.0, mb4.5, mb3.6, ML2.9, MW/3.7

FUNV 09 18:06:05.6z 6.84N:73.22W, h144km, MW/3.4, Presumed earthquake

ISC 09 18:06:03.6z 1.3, 6.85N:0.03:73.14W:0.04, h157km,2km, n37, i124/66, 1C-1D, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Barichara, Barrancabermej, Pamplona, etc.

PTWC 09 18:06:22.17z 90N:66.80W, h15km, M4.1/12 SDD 09 18:06:24.7z 1.5, 17.96N:66.81W, h20km,9km, MD3.7, ML3.7, MW/3.8, Presumed earthquake

RSPR 09 18:06:24.6z 1.7, 17.98N:66.81W, h12km, MD2.7/10 OSPL 09 18:06:24.4z 0.3, 17.91N:66.79W, h10km,3km, ML3.8, Presumed earthquake

NEIC 09 18:06:24.6z 1.2, 17.98N:0.02:66.792W:0.008, h10km,1km,ML4.0/26,ML3.6/10(RSPR), Error ellipse: s-maj=3.7km s-min=2.5km az=170.0

ISC 09 18:06:23.7z 0.8, 17.96N:0.04:66.80W:0.02, h20km,4km, n57, c057/78, 14C-5D, Puerto Rico region

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

9d 18h

Table with columns: PRSN, comp, Station Name, Az, Phase ID, Time, Res. Includes stations like Puerto Rico Se, Experimental S, Esperanza - Ma, etc.

ICD 09 18:16:48.2,2.6,47.56N,92.68W,h0km,mb3.0/1, mbmp3.0/4, ML2.2/2, Error ellipse: s-maj=37.5km s-min=15.1km az=78.0

NEIC 09 18:16:48.4,2.3,47.55N,92.68W,0.05,h0km,2km, mb_Lg3.3/27, Error ellipse: s-maj=7.8km s-min=4.8km az=198.0

ISC 09 18:16:46.3,0.8,47.62N,0.0,49.69W,0.05,h0km,n27, az=113.0, Minnesota

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EYMN, E38A, EPLO, AGMN, etc.

RSPR 09 18:18:19.4,17.91N,66.86W,h8km,MD2.5/11 NEIC 09 18:18:19.3,1.0,17.90N,66.85W,0.01,h1km,1km, ML2.7/24, MD2.5/11 (RSPR), 6D, Error ellipse: s-maj=5.1km s-min=2.5km az=185.0, Puerto Rico region

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

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Table with columns: MLPRP, comp, Station Name, Az, Phase ID, Time, Res. Includes stations like Magueyes Isan, Cabo Rojo, PR, etc.

ICD 09 18:21:36.9,6.5,30.90S,179.34W,h175km,54km,mb3.6/3, mbmp4.1/4, Error ellipse: s-maj=48.5km s-min=25.2km az=41.0

WEL 09 18:21:45.8,0.9,32.5,6*17.9W,1.6,h234km,12km, mb4.6/6, MLV4.5/9, MW(mB)3.6/6, Error ellipse: s-maj=22.0km s-min=2.0km az=106.3, confirmed

NOU 09 18:22:43.5,36.16S,16S,179.18E,h229km,mb4.0/9, Off E. Coast of N. Island, N.Z.

ISC 09 18:21:45.4,1.0,31.66S,0.08,178.6W,0.2,h250km,n92, az=195/102,mb3.8/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GLKZ, RIZ, MXZ, etc.

BUI 09 18:52:30.9,4.81S,144.24E,h106km,mb5.3/12,mb4.8/64 MOS 09 18:52:31.7,0.9,4.63S,143.78E,h88km,mb4.9/23, Error ellipse: s-maj=11.4km s-min=6.0km az=111.1

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

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Table with columns: BFZ, Birch Farm, 9.91 203 P Pn, etc. Includes stations like BFZ, TIWZ, HOWZ, etc.

NEIC 09 18:28:52.9,1.3,17.93N,0.03,66.94W,0.01,h10km,1km, ML3.4/24, MD2.8/(RSPR), Error ellipse: s-maj=4.6km s-min=2.4km az=184.0

RSPR 09 18:28:53.0,1.7,19.4N,66.95W,h12km,MD2.8/8 ISC 09 18:28:52.4,1.2,17.92N,0.06,66.94W,0.02,h16km,5km, n34, az=47/49,2C-6D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GBPR, CRPR, MPRP, etc.

Mw4.12; Mw0.021; Mw-0.24; Mw-2.22; Mw-0.85; Fault plane solution: $NP1_{\phi}124.00000^{\circ}, \delta 49.00000^{\circ}, \lambda-75.00000^{\circ}$; $NP2_{\phi}284.00000^{\circ}, \delta 43.00000^{\circ}, \lambda-10.00000^{\circ}$; Principal axes: T 5.1500, $Plg3.0000^{\circ}$; Azm205.0000; N -0.6700, $Plg10.0000^{\circ}$; Azm295.0000; P -4.4800, $Plg79.0000^{\circ}$; Azm97.0000; GCMT 09 18:52:36.1±0.2, 4.68S, 0.1±1.43, 83E, 0.01, h93km±1km, MV5, 1/112, Moment Tensor Solution. s71, c89; s112, c172; Duration: 0 Moment tensor; Scale 1016Nm; Mn-4.75±10; Mm3.82±11; Mw0.93±13; Mw0.01±09; Mw-3.20±10; Mw-1.17±10; Best double couple; Mw5.5000±10; Mw1.17±10; $NP1_{\phi}287.00000^{\circ}, \delta 43.00000^{\circ}, \lambda-11.400000^{\circ}$; $NP2_{\phi}138.00000^{\circ}, \delta 51.00000^{\circ}, \lambda-69.00000^{\circ}$; Principal axes: T 5.9410, $Plg4.0000^{\circ}$; Azm214.0000; N -0.7820, $Plg16.0000^{\circ}$; Azm305.0000; P -5.1590, $Plg73.0000^{\circ}$; Azm110.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function DJA 09 18:52:36.0±0.3, 5.3±1.4, 4E, h119km±3km, M5/0.78, mb5.1/78, mb5.4/33, MLv5.6/7, Mw(mB)4.9/33, MwMwp4.8/2, Mwmp5.1/2

ISC 09 18:52:34.3±0.3, 4.72S, 0.0±1.43, 76E, 0.04, h96km±2km, $NP1_{\phi}287.00000^{\circ}, \delta 43.00000^{\circ}, \lambda-11.400000^{\circ}$; $NP2_{\phi}138.00000^{\circ}, \delta 51.00000^{\circ}, \lambda-69.00000^{\circ}$; Principal axes: T 5.9410, $Plg4.0000^{\circ}$; Azm214.0000; N -0.7820, $Plg16.0000^{\circ}$; Azm305.0000; P -5.1590, $Plg73.0000^{\circ}$; Azm110.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function DJA 09 18:52:36.0±0.3, 5.3±1.4, 4E, h119km±3km, M5/0.78, mb5.1/78, mb5.4/33, MLv5.6/7, Mw(mB)4.9/33, MwMwp4.8/2, Mwmp5.1/2

Code	Station Name	A ^z	AZ	Phase ID	ISC	Time Res	h	m	s	ISC	Res
JAY	Jayapura	3.75	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	7.46	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	14.92	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	22.38	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	30.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	37.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	45.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	52.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	60.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	67.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	75.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	82.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	90.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	97.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	105.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	112.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	120.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	127.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	135.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	142.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	150.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	157.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	165.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	172.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	180.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	187.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	195.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	202.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	210.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	217.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	225.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	232.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	240.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	247.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	255.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	262.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	270.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	277.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	285.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	292.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	300.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	307.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	315.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	322.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	330.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	337.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	345.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	352.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	360.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	367.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	375.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	382.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	390.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	397.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	405.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	412.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	420.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	427.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	435.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	442.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	450.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	457.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	465.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	472.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	480.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	487.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	495.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	502.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	510.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	517.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	525.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	532.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	540.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	547.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	555.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	562.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	570.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	577.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	585.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	592.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	600.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	607.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	615.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	622.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	630.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	637.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	645.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	652.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	660.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	667.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	675.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	682.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	690.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	697.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	705.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	712.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	720.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	727.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	735.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	742.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	750.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	757.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	765.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	772.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	780.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	787.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	795.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	802.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	810.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	817.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	825.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	832.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	840.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	847.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	855.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	862.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	870.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	877.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	885.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	892.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	900.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	907.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	915.00	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	922.50	306	P	Pn	18	53	31.1	+1.0		
JAY	Jayapura	930.00	306	P	Pn	18	53				

BTO2	comp-Z,140nm,5.3s	54.87 329	eP	P	19 01 55.4 +0.4
BTO2	Baotou		pP	P	19 02 18.7 +0.3
BTO2			sP	S	19 02 30.5 +1.4
BTO2			S	S	19 02 29.2 0.0
BTO2	comp-Z,1.7nm,1.0s		pmax	pmax	
BTO2	comp-Z,2.240nm,6.5s		LR	LR	
BTO2	comp-Z,2.680nm,10.2s		LR	LR	
BTO2	comp-Z,2.740nm,11.3s		LR	LR	
BTO2	comp-Z,2.550nm,10.2s		LR	LR	
LZH	Lanzhou	55.16 321	P	P	19 01 58.1 +0.8
LZH			pP	pP	19 02 22.3 +1.6
LZH			sP	S	19 02 33.2 +4.0
LZH			PcP	PcP	19 02 58.4 +1.0
LZH			S	S	
LZDM	comp-Z,2.23nm,1.1s		pmax	pmax	
LZDM	Lanzhou Array	55.18 320	P	P	19 01 58.4 +0.8
LZDM	comp-Z,2.1nm,0.4s,baz=153,slow=10.0,SNR=12		S	S	
LZDM	comp-Z,2.1nm,0.4s		S	S	
MORE	Moreh	56.08 303	I Amb	I Amb	19 02 04.5
MORE	comp-Z,2.22nm,0.6s		pmax	pmax	
HEH	Heihe	56.55 347	eP	P	19 02 04.4 -2.3
HEH			pmax	pmax	
HILR	Hailar Array B	57.94 342	P	P	19 02 16.6 0.0
HILR	comp-Z,3.6nm,0.5s,baz=143,slow=9.2,SNR=6.9		pP	pP	
HILR	comp-Z,5.0nm,0.6s,baz=143,slow=7.6,SNR=4.5		PcP	PcP	19 02 40.8 +0.6
HILR	comp-Z,4.2nm,0.5s,baz=154,slow=4.2,SNR=4.9		S	S	19 03 08.6 +0.9
HILR	comp-Z,3.6nm,0.5s		S	S	
SHL	Shilling	58.62 304	P	P	19 02 22.3 +0.3
SHL	Shilling	58.62 304	P	P	19 02 22.3 +0.3
SHL			pmax	pmax	
PETK	comp-Z,2.27nm,0.7s		P	P	19 02 21.5 -1.0
PETK	Petropavlovsk-	58.81 10	P	P	
PETK	comp-Z,3.4nm,0.6s,baz=158,slow=6.0,SNR=6.1		pP	pP	19 02 47.0 +0.8
PETK	comp-Z,1.2nm,0.8s,baz=167,slow=7.1,SNR=5.4		LR	LR	19 28 50.5
PETK	comp-Z,4.6nm,1.8.9s,baz=198,slow=37		S	S	
PETK	comp-Z,2.4nm,0.6s		S	S	
PETK	Petropavlovsk-	58.81 10	P	P	19 02 20.6 -1.9
PETK	Petropavlovsk-	58.81 10	P	P	19 02 20.6 -1.9
GT2A	Gaotai	58.81 322	eP	P	19 02 30.5 +0.7
GT2A			pP	pP	19 02 54.1 +0.6
GT2A			pmax	pmax	
ZEA	Zeya	59.88 349	eP	P	19 02 29.7 -0.1
ZEA			e	e	19 02 53.0
ZEA			pmax	pmax	
LSA	Lhasa	60.91 308	P	P	19 02 35.6 -2.3
LSA			pmax	pmax	
LSA	comp-Z,9.0nm,0.7s		P	P	19 02 39.7 +1.8
GOMU	Lhasa	60.91 308	P	P	19 02 39.7 +1.8
GOMU	Geerlu	61.22 316	P	P	19 02 39.2 -0.6
GOMU			pmax	pmax	
ULN	Ulanbaatar	61.47 333	P	P	19 02 40.4 -0.6
ULN			I Amb	I Amb	19 03 09.5
ULN	comp-Z,3.4nm,1.6s		P	P	19 02 41.0 0.0
ULN	Ulanbaatar	61.47 333	i/P	P	
ULN			pmax	pmax	
ULN	comp-Z,1.3nm,2.1s		P	P	19 02 40.4 -0.6
ULN	Ulanbaatar	61.47 333	P	P	19 02 40.4 -0.6
ULN	comp-Z,4.0nm,1.5s		P	P	19 02 43.5 +0.6
SOMM	Songino Array	61.75 332	P	P	19 02 43.5 +0.6
SOMM	comp-Z,1.3nm,0.6s,baz=156,slow=7.1,SNR=11		pP	pP	19 03 08.7 +2.0
SOMM	comp-Z,2.1nm,0.7s,baz=155,slow=5.2,SNR=5.1		PcP	PcP	19 03 24.3 +1.1
SOMM	comp-Z,3.1nm,0.6s,baz=148,slow=3.2,SNR=7.2		LR	LR	19 28 17.0
SOMM	comp-Z,5.6nm,20.7s,baz=166,slow=35		S	S	
SOMM	comp-Z,1.3nm,0.6s		S	S	
SOMM	Songino Array	61.75 332	P	P	19 02 43.5 +0.6
SOMM			I Amb	I Amb	19 03 11.2
SOMM	comp-Z,1.7nm,1.5s		pmax	pmax	
SOMM	Songino Array	61.75 332	P	P	19 02 43.5 +0.6
SOMM			pmax	pmax	
DRV	Dumont d'Urville	61.89 182	P	P	19 02 44.1 +0.9
DRV			pP	pP	19 03 07.5 0.0
CIT	Chita	62.10 339	eP	P	19 02 45.0 0.0
CIT			e	e	19 03 10.0
CIT			e	e	19 03 30.6
CIT			e	e	19 06 41.2
CIT			e	e	19 23 26.0
SHEM	Shemya Is, Ala	62.73 20	LR	LR	19 34 21.5
SHEM	comp-Z,1.24nm,20.6s,baz=281,slow=30		LR	LR	
MA2	Magadan	64.34 4	LR	LR	19 34 21.5
MA2	comp-Z,2.22nm,1.8.0s,baz=45,slow=33		LR	LR	
ZAK	Zakamensk	65.01 333	eP	P	19 03 04.0 -0.2
ZAK			pmax	pmax	
KIWB	comp-Z,7.0nm,1.1s		P	P	19 03 07.9 +1.1
TYL	Kanaga Island	65.44 25	P	P	19 03 08.6 -0.3
TYL	Talaya	65.76 334	eP	P	
TYL			pmax	pmax	
YAK	comp-Z,3.0nm,0.6s		P	P	19 03 19.4 0.0
YAK	Yakutsk	67.44 353	eP	P	19 03 17.0 -2.3
YAK	Yakutsk	67.44 353	ePP	P	19 03 37.5 -6.1
YAK			e	e	19 03 45.0
YAK			ePPP	PPP	19 05 46.8
YAK			eS	S	19 07 22.4
YAK			e'SS	SS	19 12 04.9 -2.7
YAK			eSS	SS	19 12 49.9 +1.0
YAK			eSS	SS	19 13 05.5
YAK			pmax	pmax	19 16 27.8 -1.9
YAK	comp-Z,6.0nm,1.1s		pmax	pmax	
YAK	comp-Z,3.0nm,1.5s		pmax	pmax	
YAK	comp-E,2.0nm,1.3s		pmax	pmax	
YAK	comp-Z,2.270nm,7.0s		pmax	pmax	
YAK	comp-N,222nm,6.2s		pmax	pmax	
YAK	comp-E,139nm,5.8s		smax	smax	
YAK	comp-E,134nm,5.2s		smax	smax	
YAK	comp-N,94nm,3.8s		smax	smax	
SEY	Seymchan	67.79 4	eP	P	19 03 21.2 -0.3
SEY			pmax	pmax	
KNGR	Kungurtug, Tuv	67.90 330	i/P	P	19 03 24.6 +1.9
KNGR			pmax	pmax	
HYB	Hyderabad	68.00 291	eP	PcP	19 03 23.8 -0.1
HYB			ePcP	PcP	19 03 50.8 +1.3
HYB			eP	S	19 12 16.1 +0.2
WMQ	Urumqi	69.74 320	eP	P	19 03 34.7 +0.5
WMQ			sP	S	19 04 12.1 +3.1
WMQ			pmax	pmax	
CCV	Concordia, Ant	71.51 185	P	P	19 03 43.6 +0.1
UNV	Unalaska Valle	71.51 28	P	P	19 03 45.2 +0.2
UNV	Unalaska Valle	71.51 28	P	P	19 03 44.5 -0.5
DGZ	Jazzator, Alta	72.75 326	i/P	P	19 03 52.2 -0.1
DGZ			pmax	pmax	
ZSN	Zaisan	73.18 323	eP	P	19 03 54.8 +0.1
ZSN	Zaisan	73.18 323	eP	P	19 03 54.8 +0.1
VNDA	Vanda	73.39 176	P	P	19 03 56.4 +1.0
VNDA	comp-Z,7.2nm,0.6s,baz=329,slow=7.1,SNR=42		LR	LR	19 33 25.9
VNDA	comp-Z,5.3nm,21.3s,baz=338,slow=33		LR	LR	
VNDA	comp-Z,7.2nm,0.6s		LR	LR	
VNDA	Vanda	73.39 176	P	P	19 03 55.8 +0.4
VNDA			I Amb	I Amb	19 03 57.5
VNDA	Vanda	73.39 176	P	P	19 03 55.8 +0.4
VNDA			pmax	pmax	
SBA	comp-Z,40nm,1.6s		P	P	19 04 01.5 +2.0
SBA	Scott Base	74.08 175	P	P	19 04 01.5 +2.0
SBA	Scott Base	74.08 175	P	P	19 04 01.5 +2.0

SBA	comp-Z,1.46nm,1.7s		pmax	pmax	
WUS	Wushi	74.36 315	I Amb	I Amb	19 04 04.0
MK31	Makanchi Array	74.47 321	d/P	P	19 04 02.5 +0.2
MK31	Makanchi Array	74.47 321	P	P	19 04 02.6 +0.3
MK31	comp-Z,3.4nm,0.4s,baz=98,slow=8.0,SNR=59		LR	LR	19 38 40.1
MKAR	comp-Z,85nm,1.8.5s,baz=309,slow=37		LR	LR	
MKAR	Makanchi Array	74.47 321	P	P	19 04 02.1 -0.2
MKAR	Makanchi Array	74.47 321	P	P	19 04 02.1 -0.2
MAK2	Makanchi	74.68 321	P	P	19 04 03.9 +0.4
MAK2	Makanchi	74.68 321	P	P	19 04 03.9 +0.4
MAK2	Makanchi	74.68 321	pmax	pmax	
MAK2	comp-Z,1.1nm,0.8s		pmax	pmax	
MAK2	Makanchi	74.68 321	P	P	19 04 03.6 +0.1
MAK2	Makanchi	74.68 321	pP	pP	19 04 02.4 -0.7
SHLS	Shalkode	74.90 317	eP	P	19 04 03.2 -1.7
SHLS	Shalkode	74.90 317	eP	P	19 04 03.2 -1.7
PDGK	Podgornoye	74.94 317	P	P	19 04 05.1 -0.1
UZB	Uzynbulak	75.19 317	eP	P	19 04 06.6 -0.1
UZB			pmax	pmax	
UZB	comp-Z,19nm,1.5s		P	P	19 04 06.7 -0.1
UZB	Uzynbulak	75.19 317	eP	P	19 04 06.7 -0.1
PRZ	Przheval'sk	75.38 316	I Amb	I Amb	19 04 10.7
CHNA	Chernabura Is	75.50 30	P	P	19 04 07.5 -0.5
SATY	Saty	75.58 317	eP	P	19 04 08.9 0.0
SATY	Saty	75.58 317	eP	P	19 04 08.9 0.0
M11K	Mekoryuk	75.70 23	P	P	19 04 09.7 +0.7
GAMB	Gambell	75.97 19	P	P	19 04 11.2 +0.8
ZAAO	Zalesovo Array	76.23 329	P	P	19 04 11.4 -0.8
ZALV	Zalesovo Beam	76.23 329	P	P	19 04 11.3 -0.8
ZALV	comp-Z,1.2nm,0.6s,baz=114,slow=5.7,SNR=65		P	P	19 04 11.3 -0.8
ZALV	comp-Z,2.0nm,0.5s,baz=303,slow=3.3,SNR=9.9		PKKpbc	PKKpbc	19 23 27.0 -1.4
ZALV	comp-Z,1.16nm,1.0s,baz=36,slow=37		LR	LR	19 39 40.2
ZALV	comp-Z,1.2nm,0.6s		LR	LR	
ZALV	Zalesovo Beam	76.23 329	P	P	19 04 11.0 -1.2
ZALV	Zalesovo Beam	76.23 329	i/P	P	19 04 11.3 -0.8
ZALV			pmax	pmax	
ZDK	Taldyqorghan	76.28 318	eP	pmax	19 04 12.8 +0.1
TDK	Taldyqorghan	76.28 318	eP	pmax	19 04 12.8 +0.1
TDK	comp-Z,8.0nm,0.6s		P	P	19 04 12.8 +0.1
KSH2	Kashi	76.32 312	P	P	19 04 13.8 +0.6
KSH2			pmax	pmax	
MDOK	Medeo	76.55 316	eP	P	19 04 14.4 0.0
MDOK	Medeo	76.55 316	eP	P	19 04 14.5 0.0
NIL	Nilore	76.57 306	P	P	19 04 14.4 -0.2
NIL	Nilore	76.57 306	P	P	19 04 14.4 -0.2
NIL			pmax	pmax	
TNSS	Tian-Shan	76.58 316	eP	P	19 04 14.3 -0.6
TNSS	Tian-Shan	76.58 316	eP	P	19 04 14.3 -0.6
AAA	Alma-Ata	76.66 316	eP	P	19 04 14.7 -0.2
AAA			pmax	pmax	
AAA	comp-Z,7.0nm,0.5s		P	P	19 04 14.8 -0.2
AAA	Alma-Ata	76.66 316	eP	P	19 04 14.8 -0.2
AAA	comp-Z,6.8nm,0.5s		P	P	19 39 50.4
TIXI	Tiksi	76.85 355	LR	LR	19 39 50.4
TIXI	Tiksi	76.85 355	eP	P	19 04 14.7 -0.6
TIXI	Tiksi	76.85 355			

PPLA	Purkeypile	82.70	25	P	P	19 04 46.7	-0.6			
SUA	Susitna One	82.72	26	P	P	19 04 47.1	-0.2			
SEW	Seward	82.76	28	P	P	19 04 47.3	-0.1			
O22K	Cooper Landing	82.78	27	P	P	19 04 47.4	-0.1			
H20K	Antoleneega Mo	82.82	22	P	P	19 04 47.9	+0.2			
E19K	Redstone River	82.97	19	I	Amb	19 04 50.3				
E19K	Redstone River	82.97	19	P	P	19 04 48.4	0.0			
RC01	Rabbit Creek A	83.01	27	P	P	19 04 48.2	-0.5			
CHUM	Lake Minchuminc	83.08	24	P	P	19 04 48.8	-0.1			
NR1K	Noril'sk	83.09	343	P	P	19 04 49.2	+0.2			
NR1K	Noril'sk	comp=Z,9.7nm,0.5s,baz=123,slow=5.9,SNR=27	LR	LR		19 43 46.1				
NR1K	Noril'sk	comp=Z,108nm,18.7s,baz=324,slow=37	LR	LR						
NR1K	Noril'sk	comp=Z,9.7nm,0.5s	83.09	343	I	Amb	I	Amb	19 04 50.2	
NR1K	Noril'sk	comp=Z,13nm,0.6s	83.09	343	dIP	P	pmax	19 04 48.5	-0.5	
NR1K	Noril'sk	comp=Z,40nm,1.5s	83.09	18	P	P	19 04 49.8	+0.8		
C19K	Lookout Ridge	83.09	18	P	P	19 04 49.8	+0.8			
M22K	Willow	83.11	26	P	P	19 04 49.0	-0.2			
D19K	Kuna River	83.22	18	P	P	19 04 49.9	+0.2			
F20K	Avaqart Lake	83.27	20	P	P	19 04 50.7	+0.8			
A19K	Wainwright	83.28	16	P	P	19 04 50.2	+0.3			
CUT	Chulitna	83.30	25	P	P	19 04 48.9	-1.3			
PMR	Palmer	83.48	26	I	Amb	19 04 51.6				
PMR	Palmer	comp=Z,11nm,0.6s	83.48	26	P	P	19 04 50.3	-0.8		
PWL	Port Wells	83.56	27	P	P	19 04 51.4	-0.2			
GHO	Glory Hole Cre	83.64	26	I	Amb	19 04 52.8				
H21K	Melozitna Riv	83.67	22	P	P	19 04 51.7	-0.3			
P23K	Montague Islan	83.68	28	P	P	19 04 52.0	-0.2			
KNK	Knik Glacier	83.71	27	I	Amb	19 04 54.5				
KNK	Knik Glacier	comp=Z,13nm,0.6s	83.71	27	P	P	19 04 52.5	+0.2		
E20K	Nigu River	83.71	19	P	P	19 04 52.4	+0.1			
TRF	Thorofare Moun	83.72	24	P	P	19 04 52.6	+0.1			
G21K	Allakaket	83.80	21	P	P	19 04 53.1	+0.4			
D20K	Etiivuk River	83.81	18	I	Amb	19 04 55.1				
D20K	Etiivuk River	comp=Z,39nm,1.5s	83.81	18	P	P	19 04 52.9	+0.2		
BVAR	Borovoye Array	83.85	324	P	P	19 04 53.4	+0.2			
BVAR	Borovoye Array	comp=Z,22nm,0.6s,baz=110,slow=6.7,SNR=72	pp	pp		19 05 18.8	+0.4			
BVAR	Borovoye Array	comp=Z,5.3nm,0.5s,baz=104,slow=6.3,SNR=36	pp	pp						
BORK	Borovoye	83.90	324	P	P	19 04 53.0	-0.5			
BORK	Borovoye	comp=Z,19nm,0.6s	83.90	324	I	Amb	I	Amb	19 04 54.9	
BORK	Borovoye	comp=Z,26nm,0.7s	83.90	324	dEP	P	pmax	19 04 53.5	+0.1	
BORK	Borovoye	comp=Z,26nm,0.7s	83.90	324	P	P	19 04 53.9	+0.5		
BORK	Borovoye	comp=Z,13nm,0.3s	83.91	26	P	P	19 05 18.1	-0.4		
SML	Sawmill	83.91	26	P	P	19 05 03.0	-0.4			
Q23K	Middleton Isla	83.98	29	P	P	19 04 54.2	+0.6			
F21K	Alatna River	84.13	20	P	P	19 04 54.8	+0.5			
GLI	Glacier Island	84.13	27	P	P	19 04 53.5	-1.0			
M23K	Glacier View	84.17	26	P	P	19 04 54.7	0.0			
WAT1	Susitna Watana	84.20	25	P	P	19 04 54.8	-0.1			
RND	Reindeer	84.29	25	I	Amb	19 04 56.0				
B20K	Meade River	84.30	17	I	Amb	19 05 04.3				
B20K	Meade River	comp=Z,14nm,0.6s	84.30	17	P	P	19 04 55.5	+0.4		
H22K	Ishlailitna Cre	84.30	22	P	P	19 04 54.9	-0.3			
SCM	Sheep Creek Mo	84.36	26	I	Amb	19 04 57.0				
SCM	Sheep Creek Mo	comp=Z,14nm,0.6s	84.36	26	P	P	19 04 55.0	-0.7		
MCK	McKinley	84.38	24	I	Amb	19 04 56.1				
MCK	McKinley	comp=Z,14nm,0.5s	84.38	24	P	P	19 04 54.9	-0.8		
WAT6	Susitna Watana	84.45	26	P	P	19 04 56.0	-0.3			
E21K	Killik River	84.52	19	I	Amb	19 04 59.1				
E21K	Killik River	comp=Z,8.8nm,0.6s	84.52	19	P	P	19 04 56.9	+0.6		
C21K	Knifeblade Rid	84.60	18	P	P	19 04 57.1	+0.4			
EYAK	Cordova Ski Ar	84.64	28	P	P	19 04 57.0	0.0			
DHY	Denali Highway	84.79	25	I	Amb	19 04 59.1				
DHY	Denali Highway	comp=Z,16nm,0.6s	84.79	25	P	P	19 04 57.6	-0.4		
DIV	Divide	84.82	27	I	Amb	19 04 59.8				
B21K	Ikpikpuk River	84.88	18	I	Amb	19 05 00.3				
B21K	Ikpikpuk River	comp=Z,10nm,0.6s	84.88	18	P	P	19 04 58.2	+0.2		
KLU	Klutina	84.88	27	I	Amb	19 05 00.1				
KLU	Klutina	comp=Z,23nm,1.4s	84.88	27	P	P	19 04 58.0	-0.3		
M24K	Tolsona, Glenn	84.97	26	P	P	19 04 58.6	-0.2			
WRH	Wood River Hill	85.01	24	I	Amb	19 04 59.0				
KAIM	Kayak Island	85.07	29	P	P	19 04 59.2	0.0			
A21K	Barrow	85.12	16	P	P	19 04 59.2	0.0			
G23K	Bananaza Creek	85.14	21	P	P	19 04 59.3	-0.2			
D22K	Aiyikyak River	85.15	19	P	P	19 05 00.3	+0.2			
CCB	Clear Creek Bu	85.19	24	I	Amb	19 04 59.7				
QSPA	South Pole Qui	85.24	180	P	P	19 05 00.3	+0.2			
QSPA	South Pole Qui	comp=Z,34nm,0.6s,baz=327,slow=1.0,SNR=208	LR	LR		19 42 51.3				
QSPA	South Pole Qui	comp=Z,170nm,20.8s,baz=15,slow=35	LR	LR						
QSPA	South Pole Qui	comp=Z,34nm,0.6s	85.24	180	P	P	19 04 59.9	-0.3		
QSPA	South Pole Qui	comp=Z,12nm,0.6s	85.25	23	ceP	P	19 05 00.2	+0.1		
COLA	College	85.25	23	ceP	P	19 04 59.2	-0.8			
COLA	College	comp=Z,14nm,1.5s	85.25	23	P	P	19 04 59.7	-0.2		
COLD	Coldfoot	85.28	21	P	P	19 05 00.6	+0.5			
BRMR	Bremner River	85.31	28	P	P	19 05 00.5	0.0			
A22K	Sinclair Lake	85.43	17	P	P	19 05 01.2	+0.5			
HDA	Harding Lake	85.44	24	P	P	19 05 00.8	-0.2			
POKR	Poker Plat Res	85.51	23	P	P	19 05 01.4	+0.1			
N25K	Chitina, Valde	85.51	27	I	Amb	19 05 02.2				
N25K	Chitina, Valde	comp=Z,36nm,1.6s	85.51	27	P	P	19 05 01.7	+0.2		
HARP	HAARP	85.52	26	P	P	19 05 01.5	+0.1			
PAX	Paxson	85.57	26	I	Amb	19 05 03.0				
PAX	Paxson	comp=Z,9.4nm,0.6s	85.57	26	P	P	19 05 01.1	-0.7		
B22K	Teshchepuk Lake	85.58	18	P	P	19 05 01.8	+0.3			
H24K	Noodor Dome	85.60	23	P	P	19 05 01.7	-0.1			
IL31	Ilar	85.60	24	I	Amb	19 05 01.8				
ILAR	Eielson Array	85.60	24	P	P	19 05 00.1	-1.7			
ILAR	Ilar	comp=Z,6.2nm,0.6s,baz=256,slow=4.7,SNR=130	PKKPbc	PKKPbc		19 23 04.6	-2.9			
ILAR	Ilar	comp=Z,0.3nm,0.7s,baz=24,slow=0.8,SNR=5.2	LR	LR		19 41 21.2				
ILAR	Ilar	comp=Z,59nm,19.3s,baz=252,slow=34	LR	LR						
HRA	Herat	85.66	305	I	Amb	19 05 04.4				
BGLC	Bering Glacier	85.67	29	P	P	19 05 01.8	-0.3			
K24K	Donnelly Dome	85.72	25	P	P	19 05 02.3	-0.1			
GLB	Gilahina Butte	85.82	27	I	Amb	19 05 14.4				
E23K	Chandalar	85.82	20	I	Amb	19 05 06.6				
E23K	Chandalar	comp=Z,44nm,1.8s	85.82	20	P	P	19 05 03.1	+0.2		
D23K	Nanushuk River	85.83	19	P	P	19 05 03.8	+0.9			
CRQC	Cirque	85.95	28	P	P	19 05 04.2	+0.5			
G24K	Hadweznic Riv	86.07	22	P	P	19 05 04.3	+0.3			
TOLK	Toolik Lake Re	86.07	20	P	P	19 05 04.7	+0.6			
RIDG	Independent Ri	86.09	25	P	P	19 05 04.4	+0.2			
J25K	Salcha River	86.16	24	I	Amb	19 05 05.1				
J25K	Salcha River	comp=Z,33nm,1.5s	86.16	24	P	P	19 05 04.3	-0.3		
mcARA	McCarthy VSAT	86.17	28	P	P	19 05 05.0	+0.4			
C23K	Ikilivik River	86.22	18	P	P	19 05 05.3	+0.6			
E24K	Your Creek	86.22	20	P	P	19 05 05.3	+0.5			
F24K	Squaw Lake	86.22	21	I	Amb	19 05 07.0				
F24K	Squaw Lake	comp=Z,8.0nm,0.7s	86.22	21	P	P	19 05 05.5	+0.7		
MENT	Mentasta	86.32	26	I	Amb	19 06 51.7				
DOT	Dot Lake	86.39	25	I	Amb	19 05 06.8				
M26K	Nabesna, AK	86.48	27	P	P	19 05 06.9	+0.7			
D24K	Happy Valley	86.52	19	P	P	19 05 07.2	+1.0			
SCRK	Sand Creek	86.52	25	P	P	19 05 06.3	-0.2			
C24K	Franklin Bluff	86.78	19	P	P	19 05 07.9	+0.5			
CTG	Chitina Glacier	86.83	28	P	P	19 05 08.3	+0.2			
CTGM	Chitina Glacie	86.83	28	I	Amb	19 06 07.8				
J26L	Joseph Creek	86.86	24	I	Amb	19 05 08.6				
J26L	Joseph Creek	comp=Z,25nm,1.6s	86.86	24	P	P	19 05 08.2	+0.1		
LOGN	Logan Glacier	86.95	28	I	Amb	19 05 10.3				
M27K	Edge Creek, AK	86.96	27	P	P	19 05 09.1	+0.5			
F25K	Christian Rive	87.05	21	I	Amb	19 05 09.5	+0.1			
F25K	Christian Rive	comp=Z,19nm,1.6s	87.05	21	P	P	19 05 09.4	+0.5		
P1NM	Pinnacle	87.12	29	P	P	19 05 09.5	0.0			
L27K	Beaver Creek	87.18	26	I	Amb	19 05 48.1				
L27K	Beaver Creek	comp=Z,39nm,1.9s	87.18	26	P	P	19 05 10.3	+0.7		
BCAR	Beaver Creek A	87.20	26	I	Amb	19 05 09.2	-0.5			
E25K	Arctic Village	87.26	21	I	Amb	19 05 12.1				
E25K	Arctic Village	comp=Z,29nm,1.9s	87.26	21	P	P	19 05 10.4	+0.6		
O28M	Mount Upton	87.32	28	P	P	19 05 11.0	+0.3			
K27K	Chicken	87.34	25	I	Amb	19 05 12.4				
D25K	Kavik River	87.40	20	P	P	19 05 11.1	+0.6			
BVCY	Beaver Creek	87.44	27	P	P	19 05 11.3	+0.5			
YUK3	Moose Creek	87.45	27	P	P	19 05 11.5	+0.3			
G26K	Porcupine River	87.53	22	I	Amb	19 05 13.8				
G26K	Porcupine River	comp=Z,33nm,1.6s	87.53	22	P	P	19 05 12.0	+1.0		
F26K	Sheenjek River	87.63	21	I	Amb	19 05 14.8				
F26K	Sheenjek River	comp=Z,29nm,1.5s	87.63	21	P	P	19 05 13.0	+1.3		
YUK8	Steele Glacier	87.65	28	P	P	19 05 12.9	+0.7			
I27K	Kandik River	87.97	24	P	P	19 05 13.9	+0.6			
C26K	Camden Bay	88.08	19	P	P	19 05 14.8	+1.1			
H27K	Steamboat Moun	88.18	23	P	P	19 05 15.3	+1.1			
YUK4	Talbot Arm	88.19	28	P	P	19 05 15.7	+1.1			
YUK6	Outpost Mounta	88.23	29	P	P	19 05 15.7	+0.8			
G27K	Doyon Strip	88.29	22	P	P	19 05 15.7	+1.0			
C27K	Jago River	88.38	20	I	Amb	19 05 17.6				
C27K	Jago River	comp=Z,29nm,1.5s	88.38	20	P	P	19 05 16.1	+0.9		
DAWY	Dawson	88.49	25	I	Amb	19 05 17.5				
DAWY	Dawson	comp=Z,4nm,1.2s	88.49	25	P	P	19 05 16.1	+0.3		
M29M	Somme Creek	88.53	27	I	Amb	19 05 18.4				
M29M	Somme Creek	comp=Z,41nm,1.9s	88.53	27	P	P	19 05 16.8	+0.8		
I28M	Miner Creek	88.61	24	P	P	19 05 16.9	+0.5			
HYT	Haines Junctio	88.62	29	P	P	19 05 17.3	+0.7			
S31K	Pelican	88.68	32	P	P	19 05 16.8	+0			

2020 JAN

Table with columns: LPZ, Paz, 142.18 124, PKHKP, PKPpre, 19 11 53.5, comp=2.4,7nm,0.4s,baz=321,slow=0.6,SNR=18

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, m btmtp3.4/5, MS3.2/1, Error ellipse: s-maj=121.4km

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, JJI, Nioudou, 1.21 277, S, Sn, 20 10 09.6 -0.6

IDC 09 19:05:58.6:2.0, 36.57N:27.10E, h0km, mb3.5/3, mbtm3.4/5, ML3.4/2, Error ellipse: s-maj=57.4km

IDC 09 19:31:47.9:778.0, 63.28N:57.68E, h0km, Error ellipse: s-maj=364.5km, s-min=179.1km, az=146.0, Ural

IDC 09 19:31:47.9:778.0, 63.28N:57.68E, h0km, Error ellipse: s-maj=364.5km, s-min=179.1km, az=146.0, Ural

ATH 09 19:05:59.9:36.74N:27.14E, h30km, mb3.3/7, Manual Solution by A. Papageorgiou First location by

IDC 09 19:40:06.9:758.0, 62.33N:57.48E, h0km, Error ellipse: s-maj=151.8km, s-min=176.0km, az=144.0, Ural

IDC 09 19:40:06.9:758.0, 62.33N:57.48E, h0km, Error ellipse: s-maj=151.8km, s-min=176.0km, az=144.0, Ural

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, YAZI, Mula-DaiSha, 0.25 90, P, Pg, 19 06 04.5 0.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, I31KZ, AKTYUBINSK INF 12.56 178, I, Op, ISC, 20 53 56.6

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, JJI, Nioudou, 1.21 277, S, Sn, 20 10 09.6 -0.6

NEIC 09 19:51:03.2:1.0, 17.91N:0.04:66.90W:0.01, h10km, 1km, ML3.4/2, MD2.9/4(RSPR), Error ellipse: s-maj=6.9km

RSPR 09 19:51:03.8: 17.92N:66.92W, h9km, MD2.9/4, ISC 09 19:51:02.9:1.1, 17.90N:0.07:66.91W:0.02, h16km, 5km, n30, e0.65/40, 8C, Puerto Rico region

RSPR 09 19:51:03.8: 17.92N:66.92W, h9km, MD2.9/4, ISC 09 19:51:02.9:1.1, 17.90N:0.07:66.91W:0.02, h16km, 5km, n30, e0.65/40, 8C, Puerto Rico region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, GBPR, Guanica, Bosqu, 0.08 18, Op, ISC, 19 51 06.1 0.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, I31KZ, AKTYUBINSK INF 12.56 178, I, Op, ISC, 20 53 56.6

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, YAZI, Mula-DaiSha, 0.25 90, P, Pg, 19 06 04.5 0.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, KUSD, Kusadas-Aydin, 1.18 6, Pn, Pg, 19 06 21.9 -0.3

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, I31KZ, AKTYUBINSK INF 12.56 178, I, Op, ISC, 20 53 56.6

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, YAZI, Mula-DaiSha, 0.25 90, P, Pg, 19 06 04.5 0.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ZKR, Zakro, 1.73 206, P, Pn, 19 06 29.6 -0.5

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, I31KZ, AKTYUBINSK INF 12.56 178, I, Op, ISC, 20 53 56.6

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, YAZI, Mula-DaiSha, 0.25 90, P, Pg, 19 06 04.5 0.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, IDI, Anoyia, 2.29 233, P, Pn, 19 06 38.7 +0.9

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, JJI, Nioudou, 1.21 277, S, Sn, 20 10 09.6 -0.6

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, YAZI, Mula-DaiSha, 0.25 90, P, Pg, 19 06 04.5 0.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Magueyes Islan, Cabo Rojo, San Juan, Puerto Rico Se, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Sorong, Baumata, Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Guanica, Bosqu, Magueyes Islan, etc.

9d 21h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ELK, ANMO, 110CA, ULM, 56US, NVAR, TXAR, BBB, YKA.

NEIC 09 20:27:48.3,0.9,17.89N,0.03,66.880W,0.006, h10km, ML3,4/26, M42.9/11 (RSPR), Error ellipse: s-maj=5.7km s-min=2.5km az=355.0

Main table for 9d 21h section, listing station codes, names, and various parameters. Includes stations like GBPR, UPRP, CRPR, MLPR, etc.

ISH 09 20:32:10.8,0.4,34.89N,66.75W, h12km, 18km, ML2.6 TEH 09 20:32:11.1,34.88N,45.52E, h12km, 999km, ML2.6, Presumed earthquake

Table for ISH and TEH events, listing station codes, names, and parameters. Includes stations like IDHR, GLGI, IGHG, IKRK, etc.

RSPR 09 20:40:19.5,17.98N,66.75W, h7km, MD2.6 NEIC 09 20:40:19.6,0.8,18.00N,0.02,66.739W,0.009, h10km, 1km, ML2.9/24, M42.6/5 (RSPR), 5D, Error ellipse: s-maj=3.6km s-min=2.6km az=172.0, Puerto Rico region

Table for RSPR and NEIC events, listing station codes, names, and parameters. Includes stations like VYBA, VYBB, etc.

2020 JAN

Main table for 2020 JAN section, listing station codes, names, and various parameters. Includes stations like GBPR, UPRP, CRPR, MLPR, etc.

NEIC 09 21:11:07.9,1.4,19.72S,0.110,177.80W,0.009, h451km, 6km, mb4.2/27, Error ellipse: s-maj=15.7km s-min=11.4km az=214.0

DR12 Loma Pena Alta 2.54 291 Pn Pn 20 28 29.2 +0.7 SDDR Presa de Saban 4.33 285 IAML IAML 20 29 02.0 -1.2 SDDR comp=N,42nm,2.5s IAML IAML 20 30 01.2

Table for DR12 and other stations, listing station codes, names, and parameters. Includes stations like STKA, INKA, BBOO, etc.

644

Table for 644 section, listing station codes, names, and various parameters. Includes stations like MJB9, QSPA, NVAR, BELA, ELK, RND, TXAR, ILAR, PDAR, etc.

IDC 09 21:30:00.2,2.6,16.52S,178.61W, h0km, mb3.9/5, mbtmp3.9/5, Error ellipse: s-maj=146.9km s-min=26.7km az=144.0, Fiji Islands region

Table for IDC event, listing station codes, names, and parameters. Includes stations like STKA, WRA, ASAR, ILAR, PDAR, BRTR, etc.

IDC 09 21:44:12.2,0.9,2.44N,128.51E, h0km, mb3.9/11, mbtmp3.9/12, ML3.9/1, MS3.1/4, Error ellipse: s-maj=54.4km s-min=14.9km az=69.0

NEIC 09 21:44:17.2,1.6,2.46N,109.128,88E,0.013, h35km, 2km, mb4.4/21, Error ellipse: s-maj=15.6km s-min=3.0km

IDC 09 21:44:16.3,0.6,2.53N,107.07, h35km, n54, c1945/49, mb4.3/21, Malahera

Main table for IDC and NEIC events, listing station codes, names, and parameters. Includes stations like STKA, INKA, BBOO, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like LZDM Lanzhou Array, H11N1 WAKE ISLAND Hy 40.77 62 T, H11N2 WAKE ISLAND Hy 40.77 62 T, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like QJC Steborice, ANAC Anensky vrch, ANAC Moravsky Berou, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like TWS1 Datong, NNSB Chiawan, NNSB Xian Nan, etc.

RSPR 09 22:09:47.9, 17.95N, 66.81W, h13km, MD2.2/6

NEIC 09 22:09:47.5, 1.2, 17.93N, 0.003, 66.791W, 0.0009, h10km, 1km, ML2.6/26, MD2.2(6)(RSPR), 8C-2D, Error ellipse: s-maj=5.3km s-min=2.7km az=185.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like GBPR Guanica, BOsqu, BOsqu, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like HSKC Hora Svate Kat, KHC Kasperske Hory, GERES GERES Array B, etc.

TAP 09 22:22:05.1, 24.74N, 122.43E, h112km, ML3.5, C

JMA 09 22:22:05.6, 0.2, 25.1N, 122.4E, 0.5, h109km, 2km, MV2.6/12, TAIWAN REGION

ISC 09 22:22:04.9, 1.4, 24.73N, 122.41E, 0.03, h114km, 7km, n99, r098/171, 1C, Taiwan region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like EGS TWB1, TWB1 Suao, TWC TWC, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like WARRAM Warramunga Arr, WARRAM WARRAM, etc.

WARRAM WARRAM 11.59 199 Pn Pn 22 49 11.8 +0.1

WARRAM WARRAM 11.59 199 Pn Pn 22 49 11.8 +0.1

WARRAM WARRAM 11.59 199 Pn Pn 22 49 11.8 +0.1

WARRAM WARRAM 11.59 199 Pn Pn 22 49 11.8 +0.1

WARRAM WARRAM 11.59 199 Pn Pn 22 49 11.8 +0.1

WARRAM WARRAM 11.59 199 Pn Pn 22 49 11.8 +0.1

WARRAM WARRAM 11.59 199 Pn Pn 22 49 11.8 +0.1

WARRAM WARRAM 11.59 199 Pn Pn 22 49 11.8 +0.1

WARRAM WARRAM 11.59 199 Pn Pn 22 49 11.8 +0.1

WARRAM WARRAM 11.59 199 Pn Pn 22 49 11.8 +0.1

WARRAM WARRAM 11.59 199 Pn Pn 22 49 11.8 +0.1

WARRAM WARRAM 11.59 199 Pn Pn 22 49 11.8 +0.1

WARRAM WARRAM 11.59 199 Pn Pn 22 49 11.8 +0.1

WARRAM WARRAM 11.59 199 Pn Pn 22 49 11.8 +0.1

VIE 09 22:19:12.6, 0.3, 50.25N, 18.75E, h0km, mb2.5/4, ml2.2/5, Error ellipse: s-maj=2.7km s-min=2.1km az=169.0 17 km

W of Katowice Suspected Mining induced.

IPEC 09 22:19:13.1, 0.1, 50.20N, 18.78E, h1km, ML2.2/6, Error ellipse: s-maj=1.7km s-min=0.8km az=177.0

PRU 09 22:19:14.5, 50.23N, 18.76E, h0km, mbmp3.2/3, IDC 09 22:19:17.2, 8.5, 50.38N, 18.99E, h0km, mbmp3.2/3, ML2.1/3, Error ellipse: s-maj=46.9km s-min=11.5km az=131.0

ISC 09 22:19:11.9, 0.8, 50.25N, 0.04, 18.82E, 0.03, h0km, n34, r116/58, Poland

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like OKC Ostrava-Krasne, SKC Ojcow, etc.

IDC 09 22:46:24.9, 2.3, 7.13S, 129.68E, h0km, mb3.1/1, mbtmp3.4/4, ML3.3/3, MS2.8/1, Error ellipse: s-maj=79.6km s-min=30.5km az=77.0, Banda Sea

Code Station Name Azimuth Azimuth Error Phase ID Time Residual Residual Error

FITZ Fitzroy Crossi 11.59 199 Pn Pn 22 49 11.8 +0.1

FITZ FITZ 11.59 199 Pn Pn 22 49 11.8 +0.1

WRA Warramunga Arr 13.52 161 Pn Pn 22 49 36.8 -1.3

WRA WRA 13.52 161 Pn Pn 22 49 36.8 -1.3

ASAR Alice Springs 16.94 167 Pn Pn 22 50 24.5 +1.0

CMAR Chiang Mai Arr 39.57 310 LR LR 23 13 17.0

MKAR Makanchi Array 68.16 327 P P 22 57 27.0 0.0

SJA 09 22:52:52.1, 0.8, 35.16S, 71.00W, h95km, 6km, ML4.1, MW4.1

GUC 09 22:52:54.6, 1.0, 35.07S, 71.08W, h94km, 4km, ML4.3

IDC 09 22:52:54.1, 0.8, 35.10S, 71.04W, h97km, 6km, mb3.7/9, mbtmp4.0/14, Error ellipse: s-maj=21.6km s-min=10.8km az=103.0

NEIC 09 22:52:54.2, 1.0, 35.09S, 0.04, 71.12W, 0.10, h97km, 2km, mb4.4/24, ML4.3(GUC), Error ellipse: s-maj=11.8km s-min=4.5km az=102.0

ISC 09 22:52:54.1, 0.5, 35.12S, 0.03, 71.05W, 0.04, h99km, 4km, h99km, PP-P, n141, r140/186, mb4.3/20, 17C-4d, Central Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, Residual Error. Includes stations like BO02 Sierra Bellavi, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRSN, AOPR, ARCS, etc.

KRNET 10 00:07:24.6:0.1, 42.43N:71.92E, h19km, mb3.5

NINC 10 00:07:25.2:0.4, 42.54N:71.92E, h0km, mb3.9, mpv3.6

SOME 10 00:07:25.9:42.43N:72.02E, h10km

KNET 10 00:07:27.0:6.42:57N:72.06E, h23km, 2km, ml3.1, Error

ISC 10 00:07:25.2:0.6, 42.48N:0.02:71.98E:0.02, h10km, n77,

0258/126.41C-32D, Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MNAS, DZA, ARK, etc.

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

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

TEH 10 00:09:01.6:28.43N:57.05E, h8km, 59km, ML3.1, Presumed earthquake

OMAN 10 00:09:02.9:0.5, 28.35N:56.99E, h10km, ml3.0/5, Error

ISC 10 00:09:02.4:1.2, 28.41N:0.04:56.99E:0.06, h10km, n29,

00564/39, Southern Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IBND, GENO, NGRK, etc.

ISK 10 00:11:51.0:36.72N:27.11E, h10km, ML2.3/8

ATH 10 00:11:53.7:36.75N:27.25E, h7km, ML2.6/4, Manual

Solution by F.Xalaris First location: 2020/01/10 00:13:42,

This location: 2020/01/10 00:22:00 ML Amplitudes are

expressed in micrometers. All distances are expressed in

degrees Latitude uncertainty: 1 km; Longitude uncertainty:

1 km

AFAD 10 00:11:53.6:36.73N:27.23E, h2km, 2km, ML2.0

THE 10 00:11:54.4:37 N:6.2 7E:1.4, h18km, 22km, M2.6/7,

MLh2.6/7

ISC 10 00:11:53.6:1.0, 36.73N:0.03:27.13E:0.02, h10km, 8km,

n38, 0079/56, Dodecanese Islands

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

10d Oh

Table with columns: Station Name, Frequency, Power, Modulation, and other parameters. Includes stations like GAMB Gambell, SVE Sverdllovsk, FALS False Pass, etc.

2020 JAN

Table with columns: Station Name, Frequency, Power, Modulation, and other parameters. Includes stations like N17K Nushagak Hills, AKT Akhty, M17K Holitna River, etc.

650

Table with columns: Station Name, Frequency, Power, Modulation, and other parameters. Includes stations like GNI Garmi, SPCR Spurr Chachaka, A21K Barrow, etc.

KNK	Knik Glacier	85.12	29	P	P	00 25 39.4 +1.0
PWL	Port Wells	85.14	29	P	P	00 25 38.7 +0.2
PWL	Port Wells	85.14	29	P	P	00 25 38.9 +0.4
WAT1	Susitna Watana	85.18	27	P	P	00 25 39.8 +1.1
E23K	Chandler	85.20	22	P	P	00 25 40.0 +1.2
SML	Sawmill	85.21	28	P	P	00 25 38.5 -0.4
SML	Sawmill	85.21	28	P	P	00 25 38.5 -0.4
SML	Sawmill	85.21	28	P	P	00 25 39.5 +0.5
TOLK	Toolik Lake Re	85.28	21	P	P	00 25 40.3 +1.2
M23K	Glacier View	85.49	28	P	P	00 25 41.3 +1.0
WAT6	Susitna Watana	85.53	28	P	P	00 25 41.3 +0.6
P23K	Montague Islan	85.55	30	P	P	00 25 41.5 +0.9
P23K	Montague Islan	85.55	30	P	P	00 25 41.5 +0.9
VRH	Novokhoporski	85.59	321	eP	pmax	00 25 40.0 -0.9
D24K	Happy Valley	85.59	21	P	P	00 25 41.0 +0.4
D24K	Happy Valley	85.59	21	P	P	00 25 43.3
D24K	Happy Valley	85.59	21	P	P	00 25 42.0 +1.3
E24K	Your Creek	85.62	22	P	P	00 25 42.3 +1.4
COLA	College	85.64	25	P	P	00 25 43.0 +2.1
COLA	College	85.64	25	P	P	00 25 41.1 +0.2
CCB	Clear Creek Bu	85.64	25	P	P	00 25 39.9 -1.0
SCM	Sheep Creek Mo	85.68	28	P	P	00 25 41.3 0.0
SCM	Sheep Creek Mo	85.68	28	P	P	00 25 41.3 0.0
SCM	Sheep Creek Mo	85.68	28	P	P	00 25 42.3 +1.0
C24K	Franklin Bluff	85.69	20	P	P	00 25 42.4 +1.3
H24K	Noodor Dome	85.69	24	P	P	00 25 41.5 +0.2
H24K	Noodor Dome	85.69	24	P	P	00 25 42.3 +1.0
DHY	Denali Highway	85.73	27	P	P	00 25 42.3 +0.6
GLI	Glacier Island	85.74	29	P	P	00 25 42.7 +1.2
F24K	Squaw Lake	85.81	23	P	P	00 25 43.0 +1.3
POKR	Poker Plat Res	85.83	25	P	P	00 25 43.2 +1.4
G24K	Hadweenczi Riv	85.91	23	P	P	00 25 42.7 +0.5
G24K	Hadweenczi Riv	85.91	23	P	P	00 25 46.2
G24K	Hadweenczi Riv	85.91	23	P	P	00 25 43.1 +0.8
MARD	Mardin	86.03	307	P	P	00 25 43.9 +0.3
IL31	Eielson Array	86.04	25	P	P	00 25 42.3 -0.5
ILAR	Eielson Array	86.04	25	P	P	00 25 41.6 -1.3
ILAR	Eielson Array	86.04	25	P	P	00 25 42.0 -0.9
ILAR	Eielson Array	86.04	25	P	P	00 25 42.1 -0.9
M24K	Tolson, Glenn	86.24	28	P	P	00 25 44.3 +0.3
M24K	Tolson, Glenn	86.24	28	P	P	00 25 47.2
M24K	Tolson, Glenn	86.24	28	P	P	00 25 45.0 +0.9
KOPT	Kop Dag	86.26	310	P	P	00 25 44.4 -0.6
KLU	Klutina	86.34	29	P	P	00 25 45.2 +0.7
KLU	Klutina	86.34	29	P	P	00 25 45.3 +0.7
EYAK	Cordova Ski Ar	86.39	30	P	P	00 25 46.1 +1.4
DIV	Divide	86.40	29	P	P	00 25 44.2 -0.6
G25K	Bearman Lake	86.46	23	P	P	00 25 46.1 +1.2
D25K	Kavik River	86.48	21	P	P	00 25 45.6 +0.6
K24K	Donnelly Dome	86.48	26	P	P	00 25 44.4 -0.8
K24K	Donnelly Dome	86.48	26	P	P	00 25 47.4 +1.1
PAX	Paxson	86.60	27	P	P	00 25 45.5 -0.3
PAX	Paxson	86.60	27	P	P	00 25 45.5 -0.3
PAX	Paxson	86.60	27	P	P	00 25 46.4 +0.6
F25K	Christian Rive	86.67	23	P	P	00 25 46.8 +0.7
F25K	Christian Rive	86.67	23	P	P	00 25 47.1 +1.1
J25K	Salcha River	86.69	26	P	P	00 25 45.5 -0.7
J25K	Salcha River	86.69	26	P	P	00 25 46.5 +0.3
E25K	Arctic Village	86.72	22	P	P	00 25 45.2 -1.0
E25K	Arctic Village	86.72	22	P	P	00 25 48.7
E25K	Arctic Village	86.72	22	P	P	00 25 47.4 +1.1
HARP	HAARP	86.73	28	P	P	00 25 47.5 +1.1
N25K	Chitina, Valde	86.97	29	P	P	00 25 47.5 -0.2
N25K	Chitina, Valde	86.97	29	P	P	00 26 17.2
N25K	Chitina, Valde	86.97	29	P	P	00 25 48.7 +1.0
C26K	Camden Bay	87.01	20	P	P	00 25 48.8 +1.2
KLMP	Klimovskoe	87.03	331	eP	pmax	00 25 45.5 -2.3
VORD	Divnogorie	87.12	321	eP	pmax	00 25 46.9 -1.5
VORR	Voronezh	87.17	321	eP	pmax	00 25 47.2 -1.5
VSR	Storozhevoje	87.20	321	eP	pmax	00 25 46.4 -2.4
F26K	Sheenik River	87.25	22	P	P	00 25 49.0 +0.2
F26K	Sheenik River	87.25	22	P	P	00 25 49.0 +0.2
SCRK	Sand Creek	87.28	26	P	P	00 25 49.8 +0.7
LPSR	Galich'ya Gora	87.34	322	eP	pmax	00 25 47.0 -2.5
G26K	Porcupine Rive	87.38	23	P	P	00 25 49.2 -0.2
G26K	Porcupine Rive	87.38	23	P	P	00 25 50.5 +1.1
C27K	Camden Bay	87.40	20	P	P	00 25 49.7 +0.1
MENT	Jago River	87.42	21	P	P	00 25 50.6 +1.0
J26L	Joseph Creek	87.47	26	P	P	00 25 50.1 +0.2
L26K	Log Cabin Wild	87.56	27	P	P	00 25 50.2 -0.2
L26K	Log Cabin Wild	87.56	27	P	P	00 25 51.4 +1.0
CRQE	Cirque	87.70	29	P	P	00 25 51.6 +0.3
MOS	Moscow	88.06	326	eP	pmax	00 25 51.1 -1.7
E27K	Coleen River	88.21	22	P	P	00 25 54.2 +0.8
G27K	Doyon Strip	88.22	23	P	P	00 25 54.6 +1.1
M27K	Edge Creek, AK	88.25	28	P	P	00 25 54.7 +0.8
L27K	Beaver Creek,	88.26	27	P	P	00 25 54.4 +0.6

L27K	Beaver Creek,	88.26	27	P	P	00 25 54.6 +0.9
I27K	Kandik River	88.28	25	IAmb	P	00 25 53.4 -0.3
I27K	Kandik River	88.28	25	IAmb	P	00 25 56.0
I27K	Kandik River	88.28	25	P	P	00 25 54.7 +0.9
BCAR	Beaver Creek A	88.28	27	P	P	00 25 53.8 0.0
H27K	Steamboat Moun	88.29	24	P	P	00 25 53.7 -0.2
H27K	Steamboat Moun	88.29	24	P	P	00 25 54.7 +0.8
BARN	Barnard Glacie	88.40	29	P	P	00 25 54.5 +0.1
D27M	Malcolm River	88.40	21	P	P	00 25 55.3 +1.0
CTG	Glacier Glacier	88.56	29	P	P	00 25 56.3 +1.0
OBN	Obninsk	88.68	325	P	P	00 25 55.2 -0.6
OBN	Obninsk	88.68	325	P	P	00 25 55.0 -0.8
OBN	Obninsk	88.68	325	eP	pmax	00 25 53.3 -2.5
OBN	Obninsk	88.68	325	eS	MLR	00 36 37.5 +1.4
OBN	Obninsk	88.68	325	eS	MLR	00 36 37.5 +1.4
BVCY	Beaver Creek	88.73	28	P	P	00 25 56.6 +0.7
GAZZ	Gaziantep	88.88	307	IAmb	IAmb	00 25 58.0 +0.8
F28M	Old Crow	88.88	23	P	P	00 25 57.1 +0.6
YUK3	Moose Creek	88.94	28	P	P	00 25 57.6 +0.4
E28M	Babbage River	88.95	22	P	P	00 25 57.5 +0.7
I28M	Miner Creek	88.98	25	IAmb	IAmb	00 25 59.1
I28M	Miner Creek	88.98	25	P	P	00 25 57.7 +0.6
O28M	Mount Upton	89.13	29	P	P	00 25 58.3 +0.1
PINM	Pinnacle	89.13	30	P	P	00 25 58.3 +0.4
D28M	Stokes Point	89.19	21	P	P	00 25 58.7 +0.9
DAWY	Dawson	89.30	26	P	P	00 25 59.8 +0.3
DAWY	Dawson	89.30	26	P	P	00 25 59.2 +0.6
YUK8	Steele Glacier	89.30	29	P	P	00 25 58.8 -0.1
E29M	Blow River	89.57	22	P	P	00 26 00.3 +0.6
H29M	Whitstone	89.57	24	P	P	00 26 00.4 +0.6
KIBK	Kibwezi	89.58	268	P	P	00 26 01.5 +0.5
G29M	Pine Creek	89.65	23	P	P	00 26 00.2 -0.2
G29M	Pine Creek	89.65	23	P	P	00 26 01.4
G29M	Pine Creek	89.65	23	P	P	00 26 00.8 +0.7
I29M	Ogilvie Camp,	89.67	25	P	P	00 25 59.9 -0.4
I29M	Ogilvie Camp,	89.67	25	P	P	00 26 01.1 +0.8
J29N	Klondike Camp	89.78	26	P	P	00 26 01.0 +0.1
J29N	Klondike Camp	89.78	26	P	P	00 25 49.2
M29M	Stomme Creek	89.84	28	P	P	00 26 01.1 -0.1
M29M	Stomme Creek	89.84	28	P	P	00 26 02.2 +1.0
L29M	L29M	89.94	27	P	P	00 26 02.3 +0.7
L29M	L29M	89.94	27	P	P	00 26 04.3
L29M	L29M	89.94	27	P	P	00 26 02.7 +1.1
K29M	Barlow Dome	90.14	26	P	P	00 26 02.2 -0.4
K29M	Barlow Dome	90.14	26	P	P	00 26 03.3 +0.7
EPYK	Eagle Plains	90.22	24	IAmb	IAmb	00 28 21.2
EPYK	Eagle Plains	90.22	24	P	P	00 26 03.5 +0.6
HYT	Haito Juncio	90.44	29	P	P	00 26 04.3 +0.2
F30M	Barrier River	90.44	22	P	P	00 26 04.3 +0.5
I30M	Mount Dempster	90.49	25	P	P	00 26 04.5 +0.3
MMAI	Mount Meron Ar	90.55	303	P	P	00 26 05.0 -0.1
N30M	Aishikik Lake	90.57	29	P	P	00 26 05.4 +0.7
J30M	Hart River	90.58	25	P	P	00 26 05.3 +0.6
M30M	Minio Yukon	90.60	27	P	P	00 26 05.4 +0.7
G31M	Satah River	91.12	23	P	P	00 26 07.3 +0.4
EIL	Elai	91.12	300	LR	LR	01 11 44.2
O30N	Mendenthal	91.18	19,85	baz=26,slow=38	P	00 26 07.3 +0.1
INK	Inuvik	91.19	22	IAmb	IAmb	00 26 07.9
INK	Inuvik	91.19	22	P	P	00 26 07.3 +0.1
F31M	Tsighehtic	91.24	22	P	P	00 26 07.7 +0.2
H31M	Peel River	91.25	24	P	P	00 26 08.0 +0.3
BR131	Keskin Array S	91.54	310	P	P	00 26 09.6 -0.1
BR131	Keskin Array S	91.54	310	P	P	00 29 20.3
BR131	Keskin Array S	91.54	310	P	P	00 26 09.6 -0.1
BRTR	Keskin Array B	91.54	310	P	P	00 26 08.9 -0.8
BRTR	Keskin Array B	91.54	310	eP	pmax	00 26 10.1 +0.4
BRTR	Keskin Array B	91.54	310	eP	pmax	00 26 10.1 +0.4
WHY	Whitehorse	91.73	29	P	P	00 26 10.5 +0.5
M31M	Drury Creek, Y	91.75	28	P	P	00 26 10.6 +0.5
SPITS	Spitsbergen Ar	92.03	349	P	P	00 26 09.8 -1.2
SPITS	Spitsbergen Ar	92.03	349	LR	LR	01 13 01.8
ARCES	ARCCESS Array B	92.06	340	P	P	00 26 10.0 -1.3
QSPA	South Pole Qui	92.22	180	P	P	00 26 12.5 +0.4
QSPA	South Pole Qui	92.22	180	IAmb	IAmb	00 26 59.9
QSPA	South Pole Qui	92.22	180	IAmb	IAmb	00 26 59.9
FARO	Faro, Yukon	92.23	28	P	P	00 26 12.5 +0.2
FARO	Faro, Yukon	92.23	28	P	P	00 26 13.2 +0.9
N32M	Quiet Lake	92.53	29	P	P	00 26 14.4 +0.7
P33M	Teslin, Yukon	92.81	30	P	P	00 26 15.5 +0.4
A36M	Sachs Harbour	93.10	17	IAmb	IAmb	00 26 22.0
Q32M	Nala River	93.30	31	P	P	00 26 18.3 +0.9
FINES	FINESS Array B	93.46	332	P	P	00 26 16.9 -0.9
FINES	FINESS Array B	93.46	332	iP	pmax	00 26 17.3 -0.6
FINES	FINESS Array B	93.46	332	iP	pmax	00 26 17.3 -0.6
AK10	Malin Array Si	93.50	321	P	P	00 26 16.8 -1.5
AKASG	Malin Array Si	93.50	321	P	P	00 26 16.5 -1.7
AKASG	Malin Array Si	93.50	321	eP	pmax	00 26 17.6 -0.7
AKASG	Malin Array Si	93.50	321	eP	pmax	00 26 17.6 -0.7
AK06	Malin Array Si	93.52	321	P	P	00 26 17.1 -1.3
PURM	Purcari	93.62	317	P	P	00 26 17.6 -1.3
R33M	Jennings River	93.88	30	P	P	00 26 20.9 +0.8
S34M	Telegraph Cree	94.08	32	P	P	00 26 21.8 +1.0

baz=281	Paulutuk	94.28	20	IAmb	P	00 26 20.9 -0.6
C36M	Paulutuk	94.28	20	IAmb	P	00 26 22.2
C36M	Paulutuk	94.28	20	P	P	00 26 21.8 +0.3

10d Oh

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like IPOC Station P, La Paz, LPAZ, SIV, TXAR, TORO, TORDI, TORAD.

ISC 10:00:39:28.0,0.6,21.475x174.37W,h0km,m4.3/13, mbmp4.3/15,ML3.8/2,MS3.9/8,Error ellipse: s-maj=25.9km s-min=17.3km az=137.0 NEIC 10:00:39:28.1,7.21.5S:0.1:173.86W:0.09,h10km,1km, mb4.9/64,Error ellipse: s-maj=19.2km s-min=14.4km az=164.0

Main table of station data for the 10-day period, including station names, coordinates, and observation times.

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Main table of station data for January 2020, listing various stations and their observation details.

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Table of station data for the 652-day period, including stations like KRUC, MARR, DRGR, ZVC, PSZ, CKRC, MMAI, ARR, KHC, CKRC, LOT, GERES, SIRR, CONA, ROMA, BZS, MOA, BIOA, MORH, KBA, SOKA, BOVS.

RSRP 10:00:49:34.4,17.95N:66.92W,h11km,MD2.2/9 NEIC 10:00:49:34.0,0.6,17.94N:0.03:66.912W:0.009, h14km,2km,ML2.6/26,MD2.2/9(RSPR),8D,Error ellipse: s-maj=4.1km s-min=1.2km az=174.0, Puerto Rico region

Main table of station data for the 652-day period, including station names, coordinates, and observation times.

Table with columns for station ID, name, frequency, power, and location. Includes stations like MPU Maple Canyon, GLI Glacier Island, EYAK Cordova Ski Ar, etc.

Table with columns for station ID, name, frequency, power, and location. Includes stations like H16K Elim, M24K Tolsona, MCARA McCarthy VSAT, etc.

Table with columns for station ID, name, frequency, power, and location. Includes stations like 229A Bryant Ranch, G18K Tagagawik, YHL Heberge, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like KIEV, LOKD, LUND, COPENHAGEN, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like MMAI, UVEZ, MDB, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like JIRB, JAGN, JUT3, etc.

Additional text and data for the first column, including station names and frequencies.

Additional text and data for the second column, including station names and frequencies.

Additional text and data for the third column, including station names and frequencies.

10d 3h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Guaynabo City, Col San Antonio, Warramunga Arr, etc.

IDC 10 01:35:09.9-0.7, 12.14N-141.71E, h0km, mb4.0/12, mltmp4.0/12, Error ellipse: s-maj=31.3km s-min=19.8km

NEIC 10 01:35:21.2-1.4, 12.16N-141.55E, h0km, mb4.2/7, Error ellipse: s-maj=34.0km s-min=11.0km

ISC 10 01:35:17.0-0.7, 12.12N-141.65E, h0km, mb2.7, s-maj=29.0km s-min=11.0km

Main table for 10d 3h section, listing station names, azimuths, phase IDs, and times/residuals for various seismic events.

NEIC 10 01:57:27.0-0.6, 17.93N-102.66-66.637W, h0km, mb3.3/24, Md2.9/9(RSPR), Error ellipse: s-maj=2.9km s-min=2.7km

RSPR 10 01:57:27.2, 17.93N-102.66-66.64W, h7km, MD2.9/9

ISC 10 01:57:27.2, 17.93N-102.66-66.64W, h13km, mb3.3/24, n34, c054/49, 6C-30, Puerto Rico region

Main table for 10d 3h section, listing station names, azimuths, phase IDs, and times/residuals for various seismic events.

2020 JAN

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Aguadilla, Col San Antonio, Isla Desecheo, Loma Pena Alta.

NEIC 10 02:11:51.6-1.3, 17.90N-102.66-62W, h0km, mb3.7/24, ML4.0(RSPR), Mw3.5(12/MLM), Error ellipse: s-maj=3.6km s-min=2.6km

RSPR 10 02:11:51.9, 17.92N-66.62W, h5km

NEIC 10 02:11:52.1, 17.96N-66.63W, h8km, Moment Tensor Solution. Moment tensor: Scale 10^14 Nm; Mw=1.38; Mxx=1.38; Myy=0.42; Mzz=1.65; Mxy=1.17; Fault plane solution: Mb2.48000x10^14, N1: 290.000000, 390.000000, -150.000000; N2: 290.000000, 360.000000, -10.000000; Principal axes: T: 2.4853, P1: 2.000000, Azm1: 15.000000; N: 0.0000, P1: 6.000000, Azm2: 0.000000; P: -2.4852, P2: 2.000000, Azm3: 0.000000;

OSPL 10 02:11:52.0, 1.6, 17.80N-66.61W, h0km, mb3.7/24, n38, c097/52, 9C-10, Puerto Rico region

ISC 10 02:11:52.5-1.1, 17.93N-102.66-63W, h0km, mb3.3/24, n38, c097/52, 9C-10, Puerto Rico region

Main table for 2020 JAN section, listing station names, azimuths, phase IDs, and times/residuals for various seismic events.

IDC 10 03:02:01.8-2.0, 5.50S-148.57E, h0km, mb3.6/4, mbtmp3.7/5, ML4.3/1, Error ellipse: s-maj=78.1km s-min=26.2km

ISC 10 03:02:01.8, 5.50S-148.57E, h0km, mb3.6/4, mbtmp3.7/5, ML4.3/1, Error ellipse: s-maj=78.1km s-min=26.2km

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Makanchi Array, Zalesovo Beam, Eielson Array.

NEIC 10 03:03:55.4-0.8, 18.01N-103.66-84W, h0km, mb3.6/4, h10km, mb3.6/22, Error ellipse: s-maj=5.4km s-min=2.5km

Main table for 2020 JAN section, listing station names, azimuths, phase IDs, and times/residuals for various seismic events.

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Aguadilla, San Juan, Guaynabo City, Col San Antonio, Loma Pena Alta.

NEIC 10 03:04:01.7-1.0, 18.00N-103.66-84W, h0km, mb3.6/22, Error ellipse: s-maj=5.6km s-min=2.6km

RSPR 10 03:04:01.0, 17.96N-66.84W, h8km, mb3.6/22, n34, c106/48, 8C, Puerto Rico region

ISC 10 03:03:59.6-0.9, 18.03N-103.66-86W, h0km, mb3.6/22, n34, c106/48, 8C, Puerto Rico region

Main table for 658 section, listing station names, azimuths, phase IDs, and times/residuals for various seismic events.

RSPR 10 03:32:22.8, 17.94N-66.84W, h11km

NEIC 10 03:32:22.1-1.1, 17.88N-103.66-82W, h0km, mb3.6/22, n34, c106/48, 8C, Puerto Rico region

Main table for 658 section, listing station names, azimuths, phase IDs, and times/residuals for various seismic events.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ECPR Experimental S, ECPR comp=N,2um,0.2s, ECPR Aguadilla, PR, etc.

RSPR 10 03:56:45.0, 18.05N, 66.80W, h10km, 2km, MD2.7/6
NEIC 10 03:56:45.0, 18.05N, 0.01, 66.80W, 0.01, h10km, 1km,
ML2.8/22, MD2.7/6(RSPR), 6C-1D, Error ellipse:
s-maj=3.3km s-min=1.6km az=162.0, Puerto Rico
region

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, GBPR Guanica, Bosqu, OBIP Obispado Ponce, etc.

IDC 10 04:28:35.7, 1.6, 32.69N, 139.01E, h0km, mb3.8/2,
mbtmp3.6/3, ML2.4/1, Error ellipse: s-maj=43.0km
s-min=16.4km az=130.0

JMA 10 04:28:36.2, 0.3, 33.33N, 0.07x140.97E, 0.09, h48km, m13,
0.672/17, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like JHJ2 Mitsune, JHJ2 Boso 1, JHJ Hachiojimakas, etc.

ASAR Alice Springs 57.04 188 P P 04 38 17.4 -0.3
IDC 10 04:42:30.3, 1.6, 3.17N, 124.04E, h0km, mb3.6/4,
mbtmp3.6/4, Error ellipse: s-maj=209.7km
s-min=22.7km az=64.0, Celebes Sea

RSPR 10 04:49:33.4, 17.93N, 66.71W, h8km, 1km, MD2.9/9
NEIC 10 04:49:33.0, 1.1, 17.91N, 0.02, 66.70W, 0.01, h10km, 1km,
ML2.9/24, MD2.9(RSPR), 6C-4D, Error ellipse:
s-maj=4.3km s-min=2.9km az=342.0, Puerto Rico
region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like OBIP Obispado Ponce, GBPR Guanica, Bosqu, GBPR Guanica, Bosqu, etc.

KRSC 10 04:50:23.4, 0.9, 62.30N, 171.91E, h12km, 11km, M15.1
MOS 10 04:50:31.6, 1.6, 62.29N, 170.77E, h11km, mb4.5/12, Error
ellipse: s-maj=10.9km s-min=7.7km az=85.0

IDC 10 04:50:31.5, 0.7, 62.34N, 170.76E, h0km, mb4.1/19,
mbtmp4.1/22, ML3.8/3, MS3.7/3, Error ellipse:
s-maj=21.2km s-min=13.6km az=6.0

NEIC 10 04:50:33.4, 2.1, 62.3N, 0.1x170.8E, 0.1, h10km, 1km,
mb4.3/55, Error ellipse: s-maj=18.7km s-min=8.0km

NEIS 10 04:50:34.7, 62.57N, 170.21E, h0km
ISC 10 04:50:33.2, 0.4, 62.32N, 0.005, 170.66E, 0.03, h10km, m371,
0.134/347, mb4.3/40, MS3.7/27, 5C-8D, Eastern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like KMSK Kamenskaya, KMSK Kamenskaya, TILK Tilichiki, etc.

Large table with columns: OMS, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like KBTR Krutoberegovo, KBTR Krutoberegovo, GAMB Gambell, etc.

10d 4h

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like L18K Granite Mounta, J19K Poorman, O16K Kokwok River B, etc.

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Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like BRSE Bradley Lake S, PMR Palmer, KDAK Kodiak Island, etc.

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Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like I29M Ogilvie Camp, CTG Chitna Glacier, YUK3 Moses Creek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ITM Ithomi, CHOS Chios island, LTK Loutraki, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VRAC Vranov, KRUC Moravsky, KRUC Novy Kostel, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PSIM Mina Concepcio, EMIN Mina Concepcio, AKLM AKL, etc.

MEX 10 05:26:23.7-0.5, 13.96N, 93.13W, h10km, 311km, MD4.0
CATAC 10 05:26:23.8-0.6, 14.1N, 93.3W, h10km, 5km, M3.7/9

GERES GERESS Array B 3.22 210 Pn
GERES 10 05:26:23.8-0.6, 14.1N, 93.3W, h10km, 5km, M3.7/9

PSIM Mina Concepcio 2.26 291 Sn
EMIN Mina Concepcio 2.48 177 Pn

GCG 10 05:26:26.6-1.4, 13.97N, 92.59W, h9km, 24km, MD4.2

LANS LANS 3.31 138 ePg
LIPTOVSKA LIPTOVSKA 3.31 138 ePg

PSIM Mina Concepcio 2.26 291 Sn
EMIN Mina Concepcio 2.48 177 Pn

Main table for station data, columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like THIG, SMCA, RTAL, etc.

Main table for station data, columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LANS, MODS, NIE, etc.

Main table for station data, columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PSIM, EMIN, AKLM, etc.

IDC 10 05:26:36.5-0.9, 51.161N, 16.00E, h0km, mb3.2/1,
mbtmp3.2/6, ML2.0/5, MS3.3/2, Error ellipse: s-maj=14.9km

AKASA Malin Array Be 8.29 92 Pn
AKASA 10 05:26:36.5-0.9, 51.161N, 16.00E, h0km, mb3.2/1

PSIM Mina Concepcio 2.26 291 Sn
EMIN Mina Concepcio 2.48 177 Pn

IPCC 10 05:26:36.9-0.2, 51.54N, 16.19E, h1km, ML2.6/6, Error
ellipse: s-maj=2.8km, s-min=1.4km, az=75.0

FURI Furi 46.49 148 LR
FURI 10 05:26:36.9-0.2, 51.54N, 16.19E, h1km, ML2.6/6

PSIM Mina Concepcio 2.26 291 Sn
EMIN Mina Concepcio 2.48 177 Pn

PRU 10 05:26:39.2, 51.49N, 16.04E, h0km
VIE 10 05:26:39.4-0.4, 51.37N, 15.93E, h0km, mb2.6/10,

FINES FINESS Array B 11.22 25 Pn
FINES 10 05:26:39.2, 51.49N, 16.04E, h0km

PSIM Mina Concepcio 2.26 291 Sn
EMIN Mina Concepcio 2.48 177 Pn

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

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

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

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

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

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

IDC 10 05:51:21.4-5.0, 20.468N, 122.41E, h0km, mb3.6/4,
mbtmp3.6/4, MS3.9/2, Error ellipse: s-maj=41.7km

10d 7h

0.2nm,0.4s
KURBB Kurchatov Arra 45.70 322 P P 05 59 44.3 +0.3
0.5nm,0.3s,baz=125,slow=7.8,SNR=5.1
NRIK Norri'sk 53.27 345 LR LR 06 27 10.9
comp=Z,126nm,19.6s,baz=318,slow=40
BRTR Keskin Array B 76.31 307 LR LR 06 42 43.0
comp=Z,53nm,18.5s,baz=349,slow=40

FUNV 10 05:59:48.4, 10:99N:62:27'W, h118km, MW3.2, Presumed earthquake
TRN 10 05:59:49.3, 11:02N:62:20'W, h108km, MD3.2, North of Paria peninsula.
ISC 10 05:59:48.4, 3.3, 11.01N:0.06:62.3W:0.1, h103km, 39km, n13, c058/24, Windward Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
DMDM	Guralp CMG5TDE	0.84 112	Op	06 00 08.0	+0.7
DMDM			eS	06 00 20.8	-0.8
PSKH	Kent House, Po	0.87 112	eP	06 00 08.5	+0.9
PSKH			eS	06 00 21.4	-0.7
PSQC	Port of Spain	0.88 113	eP	06 00 07.9	+0.2
PSQC			eS	06 00 21.4	-0.9
PSGH	Port of Spain	0.89 113	eP	06 00 08.5	+0.9
PSGH			eS	06 00 21.9	-0.6
PSNL	Port of Spain	0.89 114	eP	06 00 22.8	+0.2
TRN	Trinidad (W)	0.99 111	eP	06 00 09.5	+0.6
TRN			eS	06 00 23.5	-0.8
TRN	Trinidad (W)	0.99 111	eP	06 00 15.2	+0.9
TRN			eS	06 00 24.4	-0.4
GRFF	Grenada Fort F	1.19 30	eP	06 00 11.3	+0.2
GRFF			eS	06 00 28.5	+0.2
GRGR	Grenville	1.30 31	eP	06 00 12.7	+0.3
GRGR			eS	06 00 30.6	0.0
GRGR	Grenville	1.30 31	eP	06 00 12.5	+0.0
GRGR			eS	06 00 31.0	+0.4
GRSS	Sisters	1.47 29	eP	06 00 14.9	+0.6
GRSS			eS	06 00 33.6	-0.5
GCMP	Grenada, Carri	1.72 31	eP	06 00 17.3	-0.2
GCMP			eS	06 00 39.7	-0.7
PCRV	Puerto La Cruz	2.40 250	eP	06 00 26.5	+0.2

GCG 10 06:00:29.6±1.0, 14:01N:92:62'W, h7km, 18km, MD3.9, Presumed earthquake
MEX 10 06:00:33.0±0.4, 14:32N:92:94'W, h16km, 999km, MD4.0, Presumed earthquake
ISC 10 06:00:26.0±2.3, 14.13N:0.09:92.82W:0.05, h4km, 12km, n20, c189/32, Near coast of Chiapas

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
THIG		0.94 35	Op	06 00 47.4	+1.3
THIG			eS	06 01 03.7	+3.7
PMCA	Catarina	1.02 45	eP	06 00 48.3	+1.1
PAITR	El Naranjo	1.13 30	eP	06 00 49.3	+0.4
PAITR			eS	06 01 02.5	+1.1
RTAL	Retalhuleu	1.16 70	eP	06 00 48.5	+0.3
RTAL			eS	06 01 06.5	+1.1
CHUU	Union Juarez	1.18 36	eP	06 00 50.3	+0.7
CHUU			eS	06 01 02.2	-1.8
PAVE	Pavencul	1.23 30	eP	06 00 51.2	+1.0
PAVE			eS	06 01 15.5	+1.6
STGE	El Palmar, Qui	1.43 78	iP	06 00 51.9	-1.1
STGS	El Palmar, Qui	1.45 79	eP	06 00 51.6	-1.6
STGE	El Palmar, Qui	1.46 77	eP	06 00 52.6	-0.8
STGS			eS	06 01 10.8	-2.2
QUEO	Labor Ovalle	1.46 60	eP	06 00 54.9	+0.9
QUEO			eS	06 01 15.2	+1.9
PCIG		1.61 346	eP	06 00 56.2	+0.9
PCIG			eS	06 01 11.1	-5.5
HUEH	Huehuetenango	1.74 47	eP	06 00 52.1	-5.1
HUEH			eS	06 01 19.0	-1.0
HUEH	Huehuetenango	1.74 47	eP	06 00 54.1	+0.8
CCIG	Comitan	2.24 17	eP	06 01 08.2	+1.0
CCIG			eS	06 01 34.2	-1.2
CCIG	Comitan	2.24 17	eP	06 01 08.4	-0.6
APG	El Apazote	2.44 69	eP	06 01 08.9	+2.0
TGIG		2.65 354	eP	06 01 12.2	+2.5
TGIG			eS	06 01 42.5	+0.2
UXUV	UXUV	3.42 338	eP	06 01 22.8	+2.6
UXUV			eS	06 02 00.8	-0.4
CMIG	Matias Romero	3.55 326	eP	06 01 23.8	+1.8
CMIG			eS	06 02 03.6	-0.9
NEUV	Arroyo Zacate	4.57 322	eP	06 01 41.9	+5.8
NEUV			eS	06 02 28.0	-1.7

RSPR 10 06:06:46.8, 17:92N:66:92'W, h11km, MD2.6/11
NEIC 10 06:06:46.3±1.4, 17.91N:0.03:66.90W:0.01, h10km±1km, ML2.9/27, Md2.6/11 (RSPR), 7C-4D, Error ellipse: s-maj=4.7km s-min=2.4km az=2.0, Puerto Rico region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
GBPR	Guánica, Bosqu	0.06 15	Op	06 06 49.3	+0.9
GBPR			eP	06 06 51.3	+1.2
GBPR	Guánica, Bosqu	0.06 15	eP	06 06 49.3	+0.9
GBPR			eS	06 06 51.3	+1.2
MLPR	Maguëyes Islan	0.15 292	eP	06 06 50.1	+0.3
MLPR			eS	06 06 52.7	+0.7
MLPR	Maguëyes Islan	0.15 292	IAML	06 06 52.9	
MLPR			eS	06 06 52.9	
MLPR	Maguëyes Islan	0.15 292	eP	06 06 50.1	+0.3
MLPR			eS	06 06 52.7	+0.7
CRPR	Cabo Rojo, PR	0.22 295	eP	06 06 54.4	+0.4
CRPR	Cabo Rojo, PR	0.22 295	eP	06 06 51.0	+0.1
CRPR			eS	06 06 54.6	
CRPR			IAML	06 06 55.7	
CRPR	Cabo Rojo, PR	0.22 295	eP	06 06 51.2	+0.2
CRPR			eS	06 06 53.0	+0.4
OBIP	Obispado Ponce	0.30 65	eP	06 06 53.0	+0.6
OBIP			eS	06 06 57.7	+1.1
OBIP	Obispado Ponce	0.30 65	IAML	06 06 58.7	
OBIP			eP	06 06 53.0	+0.6
LSP	Las Mesas	0.32 325	eP	06 06 53.0	+0.2
LSP			eS	06 06 57.9	+0.9
CELP	Cerrillos	0.34 62	eP	06 06 53.7	+0.5
CELP			eS	06 06 59.9	
UUPR	Utuaudo, UPR, P	0.38 26	eP	06 06 53.9	+0.1
UUPR			eS	06 06 59.5	
PRSN	Puerto Rico Se	0.38 322	eP	06 06 53.9	0.0
PRSN	Puerto Rico Se	0.38 322	eP	06 06 54.0	0.0
PRSN			eS	06 06 59.8	+0.8
AOPR	Arecibo Observ	0.45 17	eP	06 06 55.1	-0.1
AOPR			eS	06 07 01.7	
AOPR	Arecibo Observ	0.45 17	IAML	06 07 01.7	
AOPR			eP	06 07 01.6	+0.4
AOPR	Arecibo Observ	0.45 17	eP	06 06 55.2	0.0
AOPR			eS	06 07 01.6	+0.4
AGPR	Aguadilla, PR	0.59 340	eP	06 06 57.4	-0.4
AGPR			eS	06 07 06.8	
ECPR	Experimental S	0.65 51	eP	06 06 58.5	-0.4
ECPR			eS	06 07 09.2	
ECPR			IAML	06 07 09.6	
EMPR	Esperanza - Ma	0.66 32	eP	06 06 59.2	0.0
EMPR	Esperanza - Ma	0.66 32	eP	06 06 59.0	-0.1
EMPR			eS	06 07 08.6	-0.6
EMPR	Isia Desecheo	0.72 311	eP	06 06 59.2	-0.6
IDE			eS	06 07 09.5	-0.3
SJG	San Juan	0.74 74	eP	06 07 00.3	-0.3
SJG	San Juan	0.74 74	IAML	06 07 11.7	
SJG	San Juan	0.74 74	eP	06 07 00.3	-0.3
SJG	San Juan	0.74 74	eS	06 07 10.8	+0.5
GCPR	Guaynabo City	0.87 63	eP	06 07 02.2	-0.9
GCPR	Guaynabo City	0.87 63	eP	06 07 02.3	-0.8
GCPR			eS	06 07 14.1	-0.3

2020 JAN

HUMP Col San Antoni 1.02 77 Pg 06 07 05.1 -0.9
HUMP comp=N,214nm,0.2s IAML 06 07 19.3
HUMP comp=N,283nm,0.2s IAML 06 07 22.8
DR12 Loma Pena Alta 2.52 291 Pn Pn 06 07 26.8 -0.6
SDD Santo Domingo 2.92 281 Pn Pn 06 07 32.4 -0.5
SDDR Presa de Saban 4.02 285 Pn Pn 06 07 54.2 +2.2

NEIC 10 06:15:45.7±1.1, 17:93N:0.03:66:93W:0.01, h10km±1km, ML3.5/23, Error ellipse: s-maj=4.4km s-min=2.6km az=182.0
ISC 10 06:15:44.7±1.1, 17.94N:0.06:66.94W:0.03, h17km±7km, n20, c064/24, Puerto Rico region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
GBPR	Guánica, Bosqu	0.07 59	Op	06 15 47.5	-0.4
CRPR	Cabo Rojo, PR	0.17 292	eP	06 15 49.8	+0.2
CRPR			eS	06 15 52.9	+0.8
CRPR	16um,0.3s		IAML	06 15 54.3	
CRPR	13um,0.3s		IAML	06 15 54.9	
OBIP	Obispado Ponce	0.33 72	Pb	06 15 52.1	-0.2
OBIP			Sb	06 15 57.4	+0.1
OBIP			IAML	06 15 58.1	
PRSN	Puerto Rico Se	0.34 325	Pb	06 15 52.8	+0.4
PRSN	Cerrillos	0.37 69	Pb	06 15 52.3	0.0
CELP			Sg	06 15 58.6	+0.2
CELP			IAML	06 16 00.7	
UUPR	Utuaudo, UPR, P	0.37 34	Pb	06 15 53.0	+0.1
UUPR			Sg	06 15 58.4	-0.1
AOPR	Arecibo Observ	0.44 24	Pb	06 15 54.1	0.0
AOPR			IAML	06 16 06.2	
AOPR	Arecibo Observ	0.44 24	eP	06 15 54.4	+0.3
AGPR	Aguadilla, PR	0.55 343	Sg	06 15 55.5	+0.5
AGPR			Sb	06 16 04.5	+1.0
AGPR			IAML	06 16 05.3	
AGPR			IAML	06 16 07.5	
EMPR	Esperanza - Ma	0.66 36	Pn	06 15 58.6	-0.8
EMPR			IAML	06 16 10.8	
EMPR			IAML	06 16 11.3	
ECPR	Experimental S	0.67 55	IAML	06 15 57.9	0.0
ECPR			IAML	06 16 10.4	
ECPR			IAML	06 16 11.8	
ECPR			IAML	06 16 11.8	
SJG	San Juan	0.77 77	Pb	06 15 59.6	-0.1
SJG	San Juan	0.77 77	IAML	06 16 12.2	
SJG			eP	06 15 59.9	-0.9
SJG	Guaynabo City	0.89 66	Pn	06 16 02.1	-0.5
HUMP	Col San Antoni	1.06 79	Pn	06 16 04.3	-0.5
HUMP			IAML	06 16 23.5	
DR12	Loma Pena Alta	2.47 290	Pn	06 16 27.9	-0.8
SDDR	Presa de Saban	4.25 285	eP	06 16 58.3	-1.0
DSDD	La Diserada, G	5.84 105	eP	06 17 11.2	+0.6
DSLB	Salisbury	5.84 114	eP	06 17 12.1	+1.4

IDC 10 06:24:43.7±1.6, 33:70N:60:58'E, h0km, mb3.4/4, mbtmp3.4/4, Error ellipse: s-maj=55.8km s-min=29.4km az=174.0
TEH 10 06:24:44.6, 33:97N:60:23'E, h11km, 20km, ML4.0, Presumed earthquake
ISC 10 06:24:45.6±0.8, 33.97N:0.04:60:23E:0.06, h10km, n22, c1865/22, mb3.3/3, Northern and central Iran

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
SHRT	Shahrakht	0.32 171	Pg	06 24 51.6	-0.5
AFRZ	Afraz	1.15 242	Pg	06 25 07.6	-0.2
IDAH	Dahanachah	1.26 194	Pg	06 25 08.7	-0.9
BAGH	Bagheran - Bir	1.46 216	Pg	06 25 13.3	-0.4
ITEG	Tejag	1.64 230	Pg	06 25 16.4	-0.5
TBHD	Torbat heydari	1.66 331	Pg	06 25 15.3	-1.0
IKOD	Kooshah	1.85 214	Pn	06 25 19.1	-0.6
IRKH					

Table with columns: AOPR, comp=N, 2um, 0.2s, IAML, 0.31 261, eP, Pg, 07 50 38.6 +0.3, etc.

Table with columns: PRSN, comp=N, 50um, 0.3s, JESG, IAML, Sb, 08 05 47.0 +0.3, etc.

Table with columns: R58B, comp=Z, 1.8nm, 1.0s, P, P, 08 10 25.4 +0.7, etc.

ASRS 10 07:58:33.0: 1.0, 54.26N, 86.86E, h0km, M2.7(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022.

IDC 10 07:58:35.3: 3.2, 54.36N, 86.97E, h0km, mbmtpp3.02, ML2.7/2, Error ellipse: s-maj=28.7km s-min=17.5km

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

Table with columns: HIDR, comp=N, 5um, 0.7s, JESG, IAML, Pn, 08 06 02.7 +0.4, etc.

Table with columns: ECSD, comp=Z, 1.1nm, 0.6s, P, P, 08 12 29.4 +0.2, etc.

IDC 10 08:05:26.5: 0.1, 17.83N, 66.71W, h0km, mb4.2/18, mbtpp4.2/21, ML3.4/3, MS3.5/21, Error ellipse:

s-maj=14.0km s-min=7.5km az=156.0 SDD 10 08:05:27.2: 2.1, 17.90N, 66.68W, h20km, 15km, MD3.7, ML4.5, MW4.6, Presumed earthquake

NEIC 10 08:05:28.2: 1.2, 17.94N, 03:06:67.9W, h0km, h8km, 4km, mb4.5/35, ML4.6/30, Mw4.4/21, Mw4.2/13(SL09), Error ellipse: s-maj=4.1km s-min=1.0km az=171.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm;

Mw: -1.15; Msh: 1.32; Msh: -0.18; Msh: -0.05; Msh: 1.63; Mw: 1.11; Fault plane solution: Mo2.33000x10^15 NP1: 22.81000, 68.30000, -1.137.30000. NP2: 274.01000, 850.99000, -1.28.41000. Principal axes: T 2.4858, P1g1.0000, Azm145.0000; N -0.3531, P1g43.0000, Azm45.0000; P -2.1236, P1g45.0000; Azm246.0000;

NEIC 10 08:05:28.17: 9.3N, 66.68W, h6km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mw: -0.73; Msh: 1.30; Msh: -0.59; Msh: 0.44; Msh: 1.57; Mw: 0.93; Fault plane solution: Mo2.19000x10^15 NP1: 21.00000, 67.00000, -1.25.00000. NP2: 280.00000, 665.00000, -1.25.00000. Principal axes: T 2.1891, P1g2.0000, Azm150.0000; N -0.0005, P1g55.0000, Azm58.0000; P -2.1886, P1g35.0000, Azm241.0000;

NEIC 10 08:05:28.3: 17.95N, 66.68W, h10km RSPW 10 08:05:28.0: 17.95N, 66.68W, h6km, MD4.1/5 PTPW 10 08:05:28.18: 0.0N, 66.70W, M4.8/16 OSPL 10 08:05:30.0: 2.1, 17.94N, 66.67W, h0km, 20km, ML4.3, Presumed earthquake

IDC 10 08:05:28.1: 0.8, 17.93N, 03:06:68.0W, h2.02km, h2km, 4km, R175, r193/200, mb4.5/34, MS3.5/19, 19C-13D, Puerto Rico

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

Table with columns: HIDR, comp=N, 5um, 0.7s, JESG, IAML, Pn, 08 06 02.7 +0.4, etc.

Table with columns: ANWB, comp=N, 2.99nm, 1.3s, JESG, IAML, Pn, 08 06 39.0 +0.5, etc.

Table with columns: MAGL, comp=Z, 1.14nm, 0.5s, JESG, IAML, Pn, 08 06 50.3 -0.1, etc.

Table with columns: SDV, comp=Z, 1.09nm, 19.2s, baz=42, slow=39, JESG, IAML, Pn, 08 07 48.5 -0.4, etc.

Table with columns: FFB, comp=Z, 2.0nm, 0.7s, JESG, IAML, P, P, 08 13 38.2 +0.1, etc.

Table with columns: FFB, comp=Z, 2.4nm, 19.5s, baz=9.5, slow=36, JESG, IAML, P, P, 08 14 17.4 -0.9, etc.

Table with columns: FFB, comp=Z, 2.0nm, 0.7s, baz=110, slow=7.0, SNR=46, JESG, IAML, P, P, 08 15 02.5 +0.2, etc.

Table with columns: FFB, comp=Z, 2.0nm, 0.7s, baz=110, slow=7.0, SNR=46, JESG, IAML, P, P, 08 15 02.5 +0.2, etc.

IDC 10 08:09:44.2-1.6, 33.87N; 135.80E, h0km, mb3.8/1, mbtmp3.6/5, ML3.3/4, Error ellipse: s-maj=29.1km s-min=18.8km az=127.0

JMA 10 08:09:50.3-0.1, 34.1N; 0.2-135.6E; 0.2, h53km, MV3.2/40, SOUTHERN NARA PREF. JMA Fall 1 J1 at SOUTHERN NARA PREF. ISC 10 08:09:50.3, 1.0, 34.06N, 0.04, 135.66E; 0.03, h52km, 7km, n19, c048/31, 14D. Near south coast of western Honshu

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Rows include stations like JWY Kouya, JWY Tanabenahech, JTNC Naratenkawa, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Rows include stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

IDC 10 08:39:06.0-0.7, 58.52S; 25.02W, h0km, mb4.3/10, mbtmp4.4/11, ML5.1/1, MS3.7/21, Error ellipse: s-maj=24.8km s-min=17.7km az=46.0

NEIC 10 08:39:11.2, 1.1, 58.55S; 0.1-25.03W; 0.08, h35km, 2km, mb4.7/24, Error ellipse: s-maj=17.7km s-min=6.9km az=180.0

ISC 10 08:39:09.8-0.5, 58.50S; 0.09-25.02W; 0.09, h28km, n66, c0871/45, mb4.5/15, MS3.7/20, 4C, South Sandwich Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Rows include stations like HOPE Hope Point, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Rows include stations like TORD comp=Z, 8.4nm, 1.2s, SDV Santo Domingo, FURI Furi, CMIG Matias Romero, etc.

IDC 10 08:41:08.8-1.0, 17.80N; 66.88W, h0km, mb3.9/9, mbtmp3.9/10, ML3.0/1, Error ellipse: s-maj=21.9km s-min=9.3km az=165.0

PTWC 10 08:41:11, 17.90N; 66.80W, M4.4/10, PUERTO RICO REGION

SDD 10 08:41:11.4, 2.1, 17.93N; 66.92W, h23km, 11km, MD3.7, M4.1, MW4.2, Presumed earthquake

NEIC 10 08:41:11.5, 1.2, 17.94N; 0.02-66.87W; 0.01, h10km, 1km, mb4.4/5, ML4.2/3, Mw3.9/18, Mw3.9/13(SLM), Error ellipse: s-maj=3.6km s-min=3.0km az=8.0, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mm-3.21; Mw8.97; Mw5.75; Mw0.47; Mw1.29; Mw2.13; Fault plane solution: Mb2.7000x10^14 NP1: 126.61000, 667.69000, -1.191000. NP2: 224.11000, 672.37000, -1.15653000. Principal axes: T 9.1149, P1g3.0000, Azm355.0000; N -2.1038, P1g61.0000, Azm259.0000; P -7.0111, P1g29.0000, Azm86.0000;

NEIC 10 08:41:11.5, 17.94N; 66.87W, h10km, MD3.7

NEIC 10 08:41:11.5, 17.96N; 66.88W, h10km, MD3.7

Mw7.18; Mw5.47; Mw0.19; Mw4.19; Mw3.79; Fault plane solution: Mb8.61000x10^14 NP1: 211.00000, 676.00000, -1.1540000. NP2: 26.1150000, 665.00000, -1.1500000. Principal axes: T 8.6125, P1g8.0000, Azm341.0000; N -0.0024, P1g61.0000, Azm237.0000; P -8.6101, P1g28.0000, Azm75.0000;

RSRP 10 08:41:11.5, 17.93N; 66.89W, h9km, 1km, MD3.7/3

OSPL 10 08:41:12.8, 2.3, 17.97N; 66.86W, h0km, 18km, ML4.2, Presumed earthquake

ISC 10 08:41:11.0-0.8, 17.91N; 0.04-66.87W; 0.02, h14km, 4km, n98, c1913/21, mb4.2/17, 18C-11D, Puerto Rico region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Rows include stations like GBPR Guanica, Bosqu, MLPR Maguayes Isian, etc.

PTWC 10 08:14:20, 18:00N; 66:80W, M3.8/9

NEIC 10 08:14:20.9-1.5, 17.96N; 0.03-66.799W; 0.009, h10km, 2km, ML3.6/25, M4.3/7(RSPR), Error ellipse: s-maj=5.2km s-min=2.9km az=349.0

RSRP 10 08:14:21.4, 1.7, 17.98N; 66.83W, h12km, MD3.3/7

ISC 10 08:14:21.3-0.9, 17.98N; 0.04-66.80W; 0.02, h16km, 6km, n42, c098/63, 2C-5D, Puerto Rico region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Rows include stations like GBPR Guanica, Bosqu, OBIP Obispado Ponce, etc.

PLCA comp=Z, 8.3nm, 1.2s

PLCA comp=Z, 1.9nm, 0.6s, baz=135, slow=8.1, SNR=9.6

PLCA comp=Z, 1.07nm, 18.8s, baz=152, slow=35

PLCA comp=Z, 1.9nm, 0.6s, baz=135, slow=8.1, SNR=9.6

PLCA comp=Z, 1.4nm, 1.4s

MAW comp=Z, 5.2nm, 0.8s, baz=244, slow=8.2, SNR=4.4

MAW comp=Z, 1.16nm, 19.8s, baz=242, slow=34

BO02 Sierra Bellavi 38.29 288 P 08 46 27.3 -0.4

BO01 Tunca 38.76 288 P 08 46 31.9 +0.4

BO04 La Punta 38.84 289 P 08 46 32.3 +0.1

BO04 comp=Z, 1.7nm, 1.2s

CPUR comp=Z, 1.2nm, 0.8s, baz=153, slow=11, SNR=4.9

MT02 Villa Florida 39.31 311 P 08 46 35.9 -0.3

SUR Sutherland 40.67 70 LR 08 49 14.9

VNDA comp=Z, 1.7nm, 0.8s, baz=157, slow=7.0, SNR=2.2

VNDA Vanda 44.16 182 P 08 47 17.9 +2.6

H04S2 CROZET ISLANDS 45.53 110 T 09 36 50.0

H04S2 CROZET ISLANDS 45.44 110 T 09 37 00.6

BOSA Boshof 45.54 71 P 08 47 26.8 -0.1

BOSA comp=Z, 2.3nm, 0.7s, baz=208, slow=8.6, SNR=4.4

BOSA Boshof 45.54 71 P 08 47 26.8 -0.1

H04S1 CROZET ISLANDS 45.55 110 T 09 37 04.3

BDFB Brasilia 46.08 329 P 08 47 32.2 +0.9

BDFB comp=Z, 2.1nm, 0.6s, baz=155, slow=5.9, SNR=8.0

BDFB Brasilia 46.08 329 P 08 47 31.2 -0.1

BDFB comp=Z, 4.3nm, 0.6s

LBTB Lobatse 48.69 69 LR 09 04 33.3

PB07 comp=Z, 1.26nm, 19.5s, baz=201, slow=31

KGCAE comp=Z, 48.89 64 P 08 47 52.7 -0.4

PTLB Pontes e Lacer 49.88 315 P 08 48 00.1 -0.4

TSUM comp=Z, 85nm, 21.3s, baz=290, slow=30

H10S2 ASCENSION HYDR50 07 13 T 09 42 17.9

H10S3 ASCENSION HYDR50 07 13 T 09 42 35.4

H10N1 ASCENSION HYDR51 19 13 T 09 43 42.3

H10N3 ASCENSION HYDR51 19 13 T 09 43 37.0

H10N2 ASCENSION HYDR51 20 13 T 09 44 03.4

LPAZ La Paz 52.75 304 P 08 48 22.9 +0.1

LPAZ comp=Z, 1.6nm, 0.4s, baz=102, slow=7.4, SNR=15

LPAZ comp=Z, 39nm, 21.9s, baz=164, slow=35

LPAZ La Paz 52.75 304 P 08 48 22.2 -0.5

MATP Matopo 53.98 69 LR 09 07 40.7

LSZ Lusaka 58.25 65 LR 09 10 34.5

NNA Nana 60.45 298 LR 09 13 06.3

BOAH Atoalupa 65.43 299 LR 09 19 22.8

BOAV Bu Vista 66.94 321 P 08 49 58.4 -1.1

BOAV comp=Z, 4.6nm, 0.9s

DBIC Dimbokro 66.96 22 P 08 50 00.0 +0.4

DBIC comp=Z, 4.8nm, 0.6s, baz=221, slow=7.5, SNR=5.6

DBIC Dimbokro 66.96 22 P 08 49 59.9 +0.2

DBIC comp=Z, 4.1nm, 18.5s, baz=206, slow=29

DBIC Dimbokro 66.96 22 P 08 49 59.9 +0.2

DBIC comp=Z, 6.2nm, 0.7s

MBAR Mbarara 72.29 60 LR 09 19 04.9

TORD Torodi Ar. Bea 74.67 27 P 08 50 47.6 +1.2

TORD comp=Z, 5.0nm, 0.5s, baz=200, slow=7.1, SNR=33

TORD Torodi Ar. Bea 74.67 27 P 08 50 46.0 -0.4

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HIGUEY, MICHE, DR12, SDD, DR08, SABA, SDRP, GRTK, TBG, DS/LB, SDV, SDV, OTAV, GOGA, KMSC, T57A, R58B, BG3, 250A, CPCT, TZTN, Z47A, S51A, TXAR, TXAR, ECSD, SCHQ, ULMO, SDDC, PDAR, CPUP, NVAR, YKA, ESDC, ILAR, HHC, PZH.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CABO ROJO, CERRILLOS, LAS MESSAS, UPR, PUERTO RICO SE, ARECIBO OBSERV, EXPERIMENTAL S, AGUADILLA, ESPERANZA - MA, GUAYNABO CITY, COL SAN ANTONI, LOMA PENALTA.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like FREYUNG INFRAS, DUBNA INFRASOM, AKTYUBINSK INF, CABO ROJO, GUAYNABO CITY.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GUANICA, BOSQU, MAGUEYES ISLAN, OBISPADO PONCE, CABO ROJO, LAS MESSAS, PUERTO RICO SE, ARECIBO OBSERV, ESPERANZA - MA, SAN JUAN, GUAYNABO CITY, ISLA Desecheo, COL SAN ANTONI, LOMA PENALTA.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GUANICA, BOSQU, OBISPADO PONCE, CERRILLOS, CABO ROJO, PUERTO RICO SE, ARECIBO OBSERV, ESPERANZA - MA, SAN JUAN, GUAYNABO CITY, ISLA Desecheo, COL SAN ANTONI, LOMA PENALTA.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KURBB, MKAR, FREYUNG INFRAS, DUBNA INFRASOM, AKTYUBINSK INF.

RSPR 10 09:43:58.6, 18.01N:66.77W, h17km, MD2.5/8
NEIC 10 09:43:59.1, 1.1, 18.07N:0.02:66.77W:0.01, h10km, 1km, ML2.7/2, Error ellipse: s-maj=4.1km s-min=2.7km az=154.0, Puerto Rico region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GUANICA, BOSQU, MAGUEYES ISLAN, OBISPADO PONCE, CERRILLOS, UPR, MAGUEYES ISLAN, LAS MESSAS, CABO ROJO, GUAYNABO CITY, COL SAN ANTONI, LOMA PENALTA.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GUANICA, BOSQU, MAGUEYES ISLAN, OBISPADO PONCE, CABO ROJO, LAS MESSAS, PUERTO RICO SE, ARECIBO OBSERV, ESPERANZA - MA, SAN JUAN, GUAYNABO CITY, ISLA Desecheo, COL SAN ANTONI, LOMA PENALTA.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ZALESOVO INFRA, ZALESOVO BEAM, KURBB, MKAR.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like FREYUNG INFRAS, DUBNA INFRASOM, AKTYUBINSK INF.

ASRS 10 09:55:01.0, 0.8, 53.70N:87.97E, h0km, M2.6(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022.
IDC 10 09:55:01.0, 0.8, 53.59N:87.94E, h0km, mbtmp2.82, ML2.4/2, Error ellipse: s-maj=33.6km s-min=19.4km az=55.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ZALESOVO INFRA, ZALESOVO BEAM, KURBB, MKAR.

IDC 10 09:14:49.0:524.0, 53.76N:4.01E, h0km, Error ellipse: s-maj=225.1km s-min=143.7km az=104.0, North Sea region

RSPR 10 09:15:14.3, 17.93N:66.84W, h11km, MD2.7/11
NEIC 10 09:15:11.6:1.8, 17.77N:0.04:66.81W:0.006, h10km, 2km, ML3.6/24, MD2.7/11(RSPR), 7D, Error ellipse: s-maj=6.2km s-min=3.0km az=354.0, Puerto Rico region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GUANICA, BOSQU, MAGUEYES ISLAN, OBISPADO PONCE, CABO ROJO.

IDC 10 09:34:21.9:0.6, 17.93N:0.04:66.83W:0.01, h10km, 1km, ML2.8/2, Error ellipse: s-maj=7.1km s-min=2.7km az=60.0, Puerto Rico region

IDC 10 09:35:30.6:2.3, 54.61N:83.79E, h0km, mbtmp2.5/2, ML2.2/2, Error ellipse: s-maj=18.4km s-min=11.0km az=168.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ZALESOVO INFRA, ZALESOVO BEAM.

Table with columns: Station Name, Az, Phase ID, Time, Res, and various station codes like NADR, SC01, SDDR, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res, and various station codes like BNX, TIA, WHN, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res, and various station codes like GOMU, KNGR, EDFI, etc.

JMA 10 10:10:47.3-0.1, 28°N, 2°14'0"E, h505km, MV4.2/28, W OFF OGASAWARA

MOS 10 10:10:47.1-1.0, 27.59N, 139.94E, h486km, mb4.5/44, Error ellipse: s-maj=9.3km s-min=5.1km az=112.6

IDC 10 10:10:48.3-0.8, 27.64N, 139.95E, h486km, mb4.0/38, mbtmp4.8/45, Error ellipse: s-maj=8.9km s-min=7.3km az=107.0

NEIC 10 10:10:49.1-1.8, 27.63N, 140.01E, h488km, mb4.4/24, Error ellipse: s-maj=15.9km s-min=13.1km az=117.0

ISC 10 10:10:48.5-0.5, 27.62N, 140.01E, h490km, mb4.4/23, 152-10D, Bonin Islands region

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station codes like CBIJ, JCHJ, JHH2, etc.

Main station list table with columns: Station Name, Az, Phase ID, Time, Res, and various station codes like HIA, ENH, HHC, etc.

Main station list table with columns: Station Name, Az, Phase ID, Time, Res, and various station codes like KULM, KNR, KNA, etc.

10d 10h

2020 JAN

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like K15K Ungalak Mouta, KURK Kurchatov, ASAR Alice Springs, H19K Roundabout Mou, and many others.

Table with columns: MESA, MESA, 60.57, 34, P, P, 10 20 11.2 +0.5, etc. Lists various stations and their coordinates.

Table with columns: JLN, Jalan Bani Buh, 72.11, 286, P, P, 10 21 23.3 +0.3, etc. Lists various stations and their coordinates.

Table with columns: HFS, Hagfors, 82.17, 336, P, P, 10 22 15.9 -1.3, etc. Lists various stations and their coordinates.

Code Station Name Az Az' Phase ID Time Res
SHEM Shehya Is, Ala 1.75 304 Op Pn 10 25 19.0 -0.8
SHEM Shehya Is, Ala 1.75 304 Pn Sn 10 25 43.0 +2.1

10d 10h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, I, S, P, N, E, O, A, M, L, I, A, M, L. Includes stations like AMKA, O14K, O16K, M16K, N17K, H18K, H19K, KDAK, O22K, ILAR, YAK, J30M, I30M, G31M, A36M, C36M, H112, H113, H111, H115, H112, YKA, SONM, SPITS, KURB, MKAR, BVAR, TXAR, ASAR.

SJA 10:30:08.2-0.7, 19:27S:68:75W, h168km, 3km, ML3.5, MW3.5

GUC 10:30:11.2-0.6, 19:29S:68:73W, h150km, 4km, ML3.6

ISC 10:30:09.8-2.2, 19:32S:0:05:88W, 0.1, h162km, -11km, n31, -0.69/58, 3C-2D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, I, S, P, N, E, O, A, M, L, I, A, M, L. Includes stations like GO01, PB08, PB11, PB12, AP01, TA01, PATCX, PB02, PB01, PB07, PB09.

2020 JAN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, I, S, P, N, E, O, A, M, L, I, A, M, L. Includes stations like PB03, PB06, PB05, PB10.

IDC 10:36:20.1±2.8, 3:42N:92:64E, h0km, mb3.9/4, mbmp3.9/7, ML4.0/3, MS3.2/2, Error ellipse: s-maj=60.5km s-min=32.9km az=10.0

ISC 10:36:22.9-1.6, 3:31N:92:69E, 0.10, h24km, n8, -0.89/8, mb3.9/4, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, I, S, P, N, E, O, A, M, L, I, A, M, L. Includes stations like PSI, PALK, CMAR, MKAR, SONM, ZALV, GERES, ILAR.

SOME 10:39:38.4, 42:10N:75:88E, h15km

KNET 10:39:38.4±0.5, 42:16N:75:81E, h0km, ml2.8, Error ellipse: s-maj=3.8km s-min=2.4km az=11.0

KRNET 10:39:38.4±0.7, 42:11N:75:86E, h20km, mb3.4

NMC 10:39:39.4±0.7, 42:16N:75:85E, h0km, mb3.9, mpv3.8, Error ellipse: s-maj=5.3km s-min=3.1km az=173.0

ISC 10:39:38.5±0.4, 42:15N:0:02:75:84E, 0.01, h12km, 8km, n82, ±142/140, 48C-25D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, I, S, P, N, E, O, A, M, L, I, A, M, L. Includes stations like ULHL, ULHL, ULHL, BOOM, TKM2, TKM2, KBK, KBK, KST, KST, UCH, UCH, UCH, KDJ, IZV, IZV, MTBS, MTBS, DGS, DGS, DGS, AAK, AAK, AAK, FRU, ARLS, CHMS, CHMS, TNS, TNS, TNS, AAA, AAA, AAA.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, I, S, P, N, E, O, A, M, L, I, A, M, L. Includes stations like MDOK, MDOK, KNDC, KNDC, KOTS, KOTS, KOTS, USP, USP, USP, TARG, TARG, KRBS, KRBS, SGDS, SGDS, KTBS, KTBS, KUU, KUU, PRZ, PRZ, SALK, SALK, MRKS, MRKS, MRKS, SATY, SATY, KURS, KURS, ARSB, ARSB, KPKS, KPKS, MNAS, MNAS, ARXS, ARXS, ARXS, ARXS, UZB, UZB, UZB, BLB, BLB, SFK, SFK, OHH, OHH, SHLS, SHLS, SHLS, ARK, ARK, PDGK, PDGK, BTLS, BTLS, BTLS, KNOS, KNOS, TRKS, TRKS, KTMS, KTMS, KTMS, DJR, DJR, DJR, KAPS, KAPS, KAPS, KK31, KK31, BTK, BTK, BRLS, BRLS, BRLS.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like F28M Old Crow, SPITS Spitsbergen Ar, MCARA McCarthy VSAT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like CFR Carcaliu, CFR Carcaliu, TIRR Targu, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like HUMP Loma Pena Alta, DR12 Loma Pena Alta, FUNJV 10 11:17:16.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BVCY Beaver Creek, DAWY Dawson, I29M Ogilvie Camp, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PAU Pauzhetka, APC Apacha, PEAOB Petropavlovsk, etc.

RSRPR 10 12:18:58.7, 18.01N-66.83W, h13km, MD2.2/10
NEIC 10 12:18:59.0-0.8, 18.03N-0.02-66.830W/0.009,
h10km,14km,ML2.6/22,MD2.2/10(RSPR),5D, Error ellipse:
s-maj=3.8km s-min=2.3km az=168.0, Puerto Rico
region

MOS 10 12:30:22.9,0.8, 52.559N-153.03E, h472km, mb3.9/12,
Error ellipse: s-maj=8.9km s-min=6.1km az=65.3
SKHL 10 12:30:22.9,0.8, 52.559N-153.03E, h489km, mb4.9/5,
mb4.8/3, msh5.0/3, msh5.3/2
KRSC 10 12:30:23.9,2.5, 52.54N-153.31E, h463km,31km, M4.5

10d 15h

Table with columns for station name, frequency, power, and other technical details. Includes stations like FITZ, BAKI, SPSI, DBNI, TTSI, WAMI, GTOI, etc.

2020 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like KMI2, KMI2, KMI2, KMI2, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MK31, MKAR, MKAR, MAKZ, etc.

10d 15h

2020 JAN

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Table with multiple columns containing names, dates, times, and locations. Includes entries like MEIG Platanillo, COXQUIHUI, YOSONDUA, etc.

JTS	comp=Z,19nm,1.0s,baz=312,slow=13,SNR=11	S	Sn	15	30	09.8	-2.5
JTS	comp=Z,2.7nm,0.4s,baz=0.0,slow=20,SNR=1.1	LR	LR	15	33	09.7	
JTS	comp=Z,922nm,20.9s,baz=282,slow=33						
JTS	comp=Z,19nm,1.0s	P	P	15	26	10.0	-0.2
JTS	Las Juntas de	P	P	15	26	10.9	+3.4
JTS	Las Juntas de	P	P	15	26	09.4	+1.2
JTS	Las Juntas de	P	P	15	26	09.4	+1.2
JTS	comp=Z,106nm,1.5s	pmax	pmax				
GRAC	Grapevine Rang	21.39	333	I	A	M	15 26 19.3
Z47A	Mountain Grove	21.48	43	I	A	M	15 26 11.0
OXF	Oxford	21.52	38	I	A	M	15 26 11.8
HBAR	Harrisburg	21.58	34	I	A	M	15 26 11.3
P17A	Butcher Ranch	21.60	349	P	P	15 26 10.9	-0.2
O20A	White River Ci	21.89	354	I	A	M	15 34 51.8
MGMO	Mountain Grove	22.03	29	I	A	M	15 26 20.9
SPR3	Spring Creek 3	22.04	341	I	A	M	15 26 23.6
PKD	Bear Valley Ra	22.10	326	I	A	M	15 26 23.5
PKD	comp=Z,214nm,1.6s	I	A	M	15	33	09.9
HAYD	Hayden	22.20	356	I	A	M	15 26 23.8
GNAR	Gosnell	22.23	35	I	A	M	15 26 23.7
MPU	Maple Canyon	22.30	347	I	A	M	15 26 30.6
T42A	Van Buren	22.49	31	I	A	M	15 35 38.0
H42A	Fort Hunter Li	22.53	325	I	A	M	15 33 42.6
BSUT	Blindstream Ca	22.63	349	I	A	M	15 26 31.4
PLAL	Pickwick Lake	22.64	39	I	A	M	15 26 24.8
DUG	Dugway, Tooele	22.74	345	I	A	M	15 26 32.1
DUG	comp=Z,254nm,1.8s	I	A	M	15	34	50.9
OGNE	Ogallala	22.75	7	I	A	M	15 35 05.4
PARMO	Parma	22.89	34	I	A	M	15 26 26.3
X48A	Hartselle	22.93	42	P	P	15 26 22.9	-2.3
X48A	comp=Z,314nm,1.6s	I	A	M	15	26	29.9
Y49A	Blount Mountai	22.97	44	I	A	M	15 26 30.5
CTU	Camp Tracy	22.97	348	I	A	M	15 26 32.2
NVAR	Mina Array Bea	23.00	333	P	P	15 26 28.4	+2.3
NVAR	comp=Z,11nm,0.9s,baz=149,slow=6.1,SNR=44	LR	LR	15	35	03.1	
NVAR	comp=Z,3um,18.9s,baz=152,slow=36						
NVAR	Mina Array Bea	23.20	326	I	A	M	15 26 27.1 +1.0
SAO	San Andreas Ge	23.20	326	I	A	M	15 33 55.0
CCM	Cathedral Cave	23.24	29	P	P	15 26 25.0	-2.3
CCM	comp=Z,279nm,1.6s	I	A	M	15	26	32.0
CCM	Cathedral Cave	23.24	29	P	P	15 26 26.0	-2.3
CCM	comp=Z,279nm,1.6s	pmax	pmax				
CCM	comp=Z,279nm,1.6s	MLR	MLR				
RYN	Ryan	23.26	333	I	A	M	15 26 39.0
TCUT	Toone Canyon	23.32	348	I	A	M	15 26 35.5
FORD	Fort Ord Natur	23.32	325	I	A	M	15 33 57.3
CGM3	Cape Girardeau	23.42	33	I	A	M	15 26 32.2
152A	Waverly Hall	23.45	48	I	A	M	15 26 35.7
BGU	Big Grassy Mou	23.48	345	I	A	M	15 26 39.4
FVM	French Village	23.57	31	I	A	M	15 26 34.0
WVT	Waverly	23.57	38	P	P	15 26 29.5	-2.1
WVT	comp=Z,185nm,1.8s	I	A	M	15	26	29.5
WVT	Waverly	23.57	38	P	P	15 26 29.5	-2.1
WVT	comp=Z,185nm,1.8s	pmax	pmax				
WVT	comp=Z,185nm,1.8s	MLR	MLR				
MHC	Mount Hamilton	23.73	326	I	A	M	15 34 34.1
HWUT	Hardware Ranch	23.82	348	I	A	M	15 35 25.2
V48A	Smith Stearns	23.91	40	I	A	M	15 26 45.1
FPAL	Fort Paine	23.91	44	I	A	M	15 26 38.3
ELK	Elko	23.92	341	LR	LR	15	35 38.7
S44A	Carbondale	23.93	33	I	A	M	15 26 38.5
SIUC	Southern Illin	23.97	33	I	A	M	15 26 36.6
PAYG	Puerto Ayora	24.00	140	I	A	M	15 33 10.8
JRSC	Jasper Ridge	24.09	326	I	A	M	15 34 30.7
P40A	Paris	24.10	26	I	A	M	15 36 21.7
H2U	Hansel Valley	24.23	346	I	A	M	15 26 45.4
K21A	Casper	24.29	358	I	A	M	15 36 10.8
X52A	Calhoun	24.42	44	I	A	M	15 26 49.9
CLTN	Cedars of Leba	24.44	40	I	A	M	15 26 43.1
MPK	Martis Peak	24.47	332	I	A	M	15 26 51.4
W50A	Signal Mountai	24.51	43	I	A	M	15 26 43.9
T47A	Sharon Grove	24.59	37	I	A	M	15 37 52.4
BW06	Boulder Array	24.64	353	I	A	M	15 35 41.6
PDAR	Pineda Array	24.64	353	P	P	15 26 42.4	+0.6
PDAR	comp=Z,1.4nm,0.9s,baz=134,slow=4.3,SNR=4.6	PcP	PcP	15	30	19.9	+0.7
PDAR	comp=Z,2um,18.6s,baz=170,slow=36	LR	LR	15	36	00.7	
PDAR	comp=Z,1nm,0.8s	P	P	15	26	17.1	-0.2
PDAR	comp=Z,1nm,0.8s	PcP	PcP	15	20	2.2	+1.1
N38A	Joel South For	24.72	23	I	A	M	15 36 42.0
GOGA	Godfrey	24.73	48	P	P	15 26 38.9	-3.5
GOGA	Godfrey	24.73	48	P	P	15 26 38.9	-3.5
GOGA	comp=Z,313nm,2.0s	pmax	pmax				
L34A	Svendens Farm	24.81	16	I	A	M	15 26 46.6
AHID	Auburn Hatcher	24.86	350	I	A	M	15 36 38.2
CVS	Carmen Viney	24.91	327	I	A	M	15 26 51.9
CVS	comp=Z,80nm,1.2s	I	A	M	15	35	09.3
MCCM	Marconi Confer	24.98	326	I	A	M	15 34 57.2
U49A	Red Boiling Sp	25.05	40	I	A	M	15 26 48.1
SUTB	Sutter Butte	25.25	329	I	A	M	15 27 00.9
MNRC	McLaughlin Min	25.30	328	I	A	M	15 35 23.6
OLIL	Olney	25.31	33	P	P	15 26 45.4	-2.3
OLIL	comp=Z,98nm,1.3s	I	A	M	15	27	04.6

ORV	Oroville	25.36	330	I	A	M	15 27 04.2
HOPS	Hoiland Field	25.71	327	I	A	M	15 35 33.6
RSSD	Black Hills	25.76	2	P	P	15 26 51.6	-0.3
RSSD	comp=Z,72nm,0.9s	I	A	M	15	26	57.2
RSSD	Black Hills	25.76	2	P	P	15 26 51.6	-0.3
RSSD	comp=Z,72nm,1.0s	pmax	pmax				
RSSD	comp=Z,2um,20.0s	MLR	MLR				
MOOV	Moose Ponds	25.77	351	I	A	M	15 26 59.0
TKL	Tuckaleehee C	25.78	44	LR	LR	15	39 24.1
TKL	Tuckaleehee C	25.78	44	I	A	M	15 26 54.8
WCI	Wyandotte Cave	25.92	36	P	P	15 26 50.6	-2.6
WCI	Wyandotte Cave	25.92	36	I	A	M	15 38 15.2
WCI	Wyandotte Cave	25.92	36	P	P	15 26 50.6	-2.6
WCI	comp=Z,581nm,2.0s	pmax	pmax				
WCI	comp=Z,581nm,2.0s	MLR	MLR				
T50A	Nancy	25.95	40	I	A	M	15 26 58.1
O03E	Paynes Creek	26.09	331	I	A	M	15 27 07.9
HDIL	Hopedale	26.15	29	I	A	M	15 26 58.9
HLID	Hailey	26.31	345	I	A	M	15 27 05.5
HATC	Hat Creek Rad	26.35	332	I	A	M	15 27 09.9
H17A	Grant Village	26.37	352	I	A	M	15 27 33.5
ECSD	EROS Data Cent	26.41	14	I	A	M	15 27 01.1
V53A	Saluda	26.43	45	I	A	M	15 27 02.2
P46A	Rosedale	26.43	33	I	A	M	15 27 02.2
MTJD	Mount Denham	26.44	86	P	P	15 26 58.0	-0.2
YFT	Old Faithful	26.47	351	I	A	M	15 27 04.0
O02D	Mt. Diablo Mer	26.47	329	I	A	M	15 36 40.3
KCPM	Cahto Lake	26.49	327	I	A	M	15 35 58.1
LKWY	Lakeview	26.52	352	I	A	M	15 36 39.3
MFID	Camas Ranch	26.54	343	I	A	M	15 27 07.5
WVOR	Wild Horse Val	26.56	338	I	A	M	15 27 12.0
L40A	Anamosa	26.58	24	I	A	M	15 37 13.1
R49A	comp=Z,5um,20.0s	26.60	37	I	A	M	15 27 08.3
R49A	comp=Z,163nm,1.9s	I	A	M	15	39	13.2
PAUL	Pauline	26.64	47	I	A	M	15 27 04.0
YMP	Mirror Lake PI	26.66	352	I	A	M	15 27 30.5
YNR	Norris Junctio	26.70	352	I	A	M	15 27 32.8
JSC	Jenkinsville	26.75	49	I	A	M	15 27 20.5
BCYI	Bear Canyon	26.79	347	I	A	M	15 27 09.8
YHB	Horse Butte	26.81	351	I	A	M	15 27 08.4
YNE	Yellowstone N	26.90	353	I	A	M	15 27 09.5
YHL	Hebgen Lake	26.91	351	I	A	M	15 27 10.5
SPFN	Lafayette	27.06	32	I	A	M	15 27 05.5
R50A	Paris	27.09	38	I	A	M	15 27 06.3
R50A	comp=Z,109nm,1.6s	I	A	M	15	39	31.1
S51A	Beattyville	27.11	40	I	A	M	15 27 06.7
L42A	Oliver, Polo	27.16	26	I	A	M	15 27 06.6
KMPM	Mount Pierce	27.31	328	I	A	M	15 36 12.8
I37A	Lemond, Waseca	27.54	19	I	A	M	15 27 46.2
JCC	Jacoby Creek	27.57	328	I	A	M	15 36 45.5
U54A	Nelsons Funny	27.57	44	I	A	M	15 27 12.2
DLMT	Dillon	27.64	349	I	A	M	15 27 18.2
DLMT	comp=Z,177nm,1.4s	I	A	M	15	39	01.0
YBH	Yreka Blue Hor	27.64	331	LR	LR	15	37 48.0
K05A	Summer Lake	27.67	335	I	A	M	15 27 41.7
JFWS	Jewell Farm	27.68	24	I	A	M	15 27 14.3
BOZ	Bozeman (W)	27.70	351	I	A	M	15 27 14.4
BOZ	comp=Z,87nm,1.3s	I	A	M	15	37	42.9
KRPM	Rodgers	27.82	329	I	A	M	15 36 54.9
L04D	comp=Z,5um,21.0s	27.85	332	I	A	M	15 27 18.7
O48B	Farmland	27.98	34	I	A	M	15 27 13.4
PLID	Pearl Lake	28.14	344	I	A	M	15 27 21.4
N47A	Urbana	28.14	33	I	A	M	15 27 14.6
N47A	comp=Z,116nm,1.6s	I	A	M	15	38	33.2
Q51A	Peebles	28.15	38	I	A	M	15 27 15.0
Q51A	comp=Z,61nm,1.1s	I	A	M	15	40	11.4
KSXB	Camp Six Broad	28.27	330	I	A	M	15 27 23.2
X58A	Rowland	28.27	50	I	A	M	15 40 21.5
J05D	Fort Rock, OR	28.28	335	I	A	M	15 27 23.8
BMO	Blue Mountains	28.29	342	I	A	M	15 27 22.4
BMO	comp=Z,81nm,1.6s	I	A	M	15	39	32.3
O49A	Covington	28.37	35	I	A	M	15 27 18.1
I40A	Norwalk	28.38	23	I	A	M	15 27 20.4
I40A	comp=Z,63nm,1.1s	I	A	M	15	38	52.6
E28A	Huff	28.46	7	I	A	M	15 36 58.0
P51A	Williamsport	28.62	38	I	A	M	15 27 20.4
GTBY	Guantanamo Bay	28.63	82	I	A	M	15 38 52.7
S54A	comp=Z,4um,22.0s	28.64	42	I	A	M	15 27 20.6
KBO	Bosley Butte	28.73	330	I	A	M	15 37 27.0
Q52A	Bidwell	28.75	40	I	A	M	15 40 33.6
SPMN	Marine on St.	28.82	19	P	P	15 27 17.1	-2.0
BLA	Blacksburg	28.89	44	P	P	15 27 19.0	-0.9
BLA	comp=Z,112nm,1.6s	I	A	M	15	27	24.2
N49A	Columbus Grove	28.97	34	I	A	M	15 27 23.6
N49A	comp=Z,140nm,1.6s	I	A	M	15	40	25.1
I42A	Draeger Farm	29.03	25	I	A	M	15 27 23.8

I42A	comp=Z,5um,20.0s	I	A
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G26K	Porcupine Rive	54.54	343	P	P	15 30 48.7	0.0
G26K	Babbage River	54.63	345	P	P	15 30 48.9	-0.4
E18K	Koktuh Hills	54.63	332	Iamb	Iamb	15 30 57.2	
O18K	Koktuh Hills	54.63	332	P	P	15 30 49.9	+0.4
NEA2	Nenana	54.69	339	IAMS_20	IAMS_20	15 56 15.2	
NEA2	Nenana	54.69	339	P	P	15 30 50.2	+0.4
M20K	Styx River	54.72	335	IAMS_20	IAMS_20	15 58 15.1	
M20K	Styx River	54.72	335	P	P	15 30 50.7	+0.5
KTH	Kamtishna Hill	54.75	337	Iamb	Iamb	15 31 01.6	
KTH	Kamtishna Hill	54.75	337	IAMS_20	IAMS_20	15 55 38.0	
N19K	Bonanza Creek	54.76	333	P	P	15 30 50.4	0.0
R16K	Pilot Point	54.77	329	P	P	15 30 50.2	-0.2
Q16K	King Salmon	54.78	330	P	P	15 30 50.8	+0.3
CHNA	Chernabura Isl	54.82	325	P	P	15 30 50.9	+0.1
E27K	Coleen River	54.83	344	IAMS_20	IAMS_20	15 55 23.5	
E27K	Coleen River	54.83	344	P	P	15 30 50.8	0.0
PPLA	Purkeypile	54.88	336	IAMS_20	IAMS_20	15 57 22.3	
PPLA	Purkeypile	54.88	336	P	P	15 30 51.3	-0.1
P17K	Kvichak River	54.90	331	P	P	15 30 51.6	+0.3
A36M	Sachs Harbour	54.92	353	Iamb	Iamb	15 30 55.0	
A36M	Sachs Harbour	54.92	353	P	P	15 30 51.1	-0.2
D28M	Stokes Point	55.00	346	P	P	15 30 52.0	+0.1
H24K	Noodor Dome	55.05	340	Iamb	Iamb	15 30 57.2	
H24K	Noodor Dome	55.05	340	IAMS_20	IAMS_20	15 55 04.7	
H24K	Noodor Dome	55.05	340	P	P	15 30 52.0	-0.5
BPAW	Bear Paw Mtn.	55.08	338	P	P	15 30 52.9	+0.2
G25K	Bearman Lake	55.09	342	P	P	15 30 53.4	+0.7
I23K	Minto, Yukon-K	55.12	339	Iamb	Iamb	15 31 05.5	
I23K	Minto, Yukon-K	55.12	339	IAMS_20	IAMS_20	15 51 48.6	
I23K	Minto, Yukon-K	55.12	339	P	P	15 30 53.3	+0.4
F26K	Sheenjek River	55.16	343	IAMS_20	IAMS_20	15 53 17.3	
F26K	Sheenjek River	55.16	343	P	P	15 30 53.9	+0.7
N18K	Kilae Creek	55.31	332	P	P	15 30 54.4	0.0
S1V	San Ignacio	55.37	125	LR	LR	15 52 13.8	
D27M	Malcolm River	55.45	345	IAMS_20	IAMS_20	15 55 09.8	
D27M	Malcolm River	55.45	345	P	P	15 30 56.3	+1.0
O17K	Koliganek Bris	55.45	331	P	P	15 30 56.2	+0.8
CHUM	Lake Minchumir	55.45	337	P	P	15 30 56.1	+0.8
G24K	Hadweencriv Riv	55.47	341	IAMS_20	IAMS_20	15 53 39.7	
G24K	Hadweencriv Riv	55.47	341	P	P	15 30 56.1	+0.7
SDPT	Sand Point	55.47	325	P	P	15 30 56.7	+1.2
F25K	Christian River	55.51	343	IAMS_20	IAMS_20	15 54 35.7	
F25K	Christian River	55.51	343	P	P	15 30 56.3	+0.6
P16K	Nushagak River	55.56	330	P	P	15 30 55.8	-0.3
L19K	White Mountain	55.58	334	Iamb	Iamb	15 31 04.0	
L19K	White Mountain	55.58	334	P	P	15 30 56.5	+0.2
M18K	Stony Hill	55.65	333	P	P	15 30 57.2	+0.4
N17K	Nushagak Hills	55.81	332	P	P	15 30 58.2	+0.2
O16K	Kokwok River B	55.84	331	P	P	15 30 58.2	+0.1
E25K	Arctic Village	55.84	343	Iamb	Iamb	15 31 07.3	
E25K	Arctic Village	55.84	343	P	P	15 30 57.7	-0.4
K20K	Telida	55.84	336	Iamb	Iamb	15 31 05.6	
K20K	Telida	55.84	336	IAMS_20	IAMS_20	15 58 27.0	
K20K	Telida	55.84	336	P	P	15 30 57.8	-0.4
I21K	Tanana	56.04	338	IAMS_20	IAMS_20	15 56 22.1	
I21K	Tanana	56.04	338	P	P	15 30 59.3	-0.3
F24K	Squaw Lake	56.11	342	IAMS_20	IAMS_20	15 55 57.7	
F24K	Squaw Lake	56.11	342	P	P	15 30 60.0	-0.1
H22K	Ishlailitna Cre	56.24	339	IAMS_20	IAMS_20	15 56 28.2	
H22K	Ishlailitna Cre	56.24	339	P	P	15 31 01.0	0.0
G23K	Bananza Creek	56.27	340	P	P	15 31 01.3	+0.1
J20K	Nowinta River	56.29	337	Iamb	Iamb	15 31 13.2	
J20K	Nowinta River	56.29	337	IAMS_20	IAMS_20	15 54 39.8	
J20K	Nowinta River	56.29	337	P	P	15 31 01.2	-0.1
M17K	Hollitna River	56.30	333	P	P	15 31 02.0	+0.5
L18K	Granite Mounta	56.35	334	P	P	15 31 02.3	+0.5
C27K	Jago River	56.40	345	P	P	15 31 02.5	+0.5
O15K	Ungalikthiuk R	56.49	330	Iamb	Iamb	15 31 09.7	
O15K	Ungalikthiuk R	56.49	330	P	P	15 31 03.4	+0.6
N16K	Nishlik Lake	56.50	332	P	P	15 31 03.3	+0.4
PTLB	Pontes e Lacer	56.57	123	eP	P	15 31 04.7	+0.7
H21K	Melozitna River	56.59	339	Iamb	Iamb	15 31 11.1	
H21K	Melozitna River	56.59	339	IAMS_20	IAMS_20	15 52 05.6	
H21K	Melozitna River	56.59	339	P	P	15 31 03.6	+0.1
POIN	Pond Inlet	56.62	9	P	P	15 31 03.4	-0.1
POIN	Pond Inlet	56.62	9	Iamb	Iamb	15 31 06.8	
COLD	Coldfoot	56.64	341	IAMS_20	IAMS_20	15 55 19.7	
COLD	Coldfoot	56.64	341	P	P	15 31 04.2	+0.4
E24K	Your Creek	56.64	342	IAMS_20	IAMS_20	15 55 52.6	
E24K	Your Creek	56.64	342	P	P	15 31 03.8	0.0
RES	Resolute Bay	56.69	3	LR	LR	15 56 19.1	
RES	Resolute Bay	56.69	3	Iamb	Iamb	15 31 06.8	
I20K	Naaghedeneel	56.74	337	IAMS_20	IAMS_20	15 54 50.5	
I20K	Naaghedeneel	56.74	337	P	P	15 31 04.4	0.0
J19K	Poorman	56.76	336	Iamb	Iamb	15 31 18.3	

J19K	comp=Z,33nm,1.2s			IAMS_20	IAMS_20	15 57 03.2	
J19K	Poorman	56.76	336	P	P	15 31 05.1	+0.4
M16K	Timber Creek	56.81	332	P	P	15 31 06.3	+1.2
CLDB	Colider	56.88	117	eP	P	15 31 06.4	+0.2
C26K	Camden Bay	56.90	345	P	P	15 31 06.2	+0.6
GO03	Coppiapo	56.94	142	IAMS_20	IAMS_20	15 50 18.9	
FALS	False Pass	56.94	324	P	P	15 31 06.7	+0.7
J18K	Innoko River	56.94	335	IAMS_20	IAMS_20	15 59 03.7	
J18K	Innoko River	56.94	335	P	P	15 31 06.4	+0.4
N15K	Kwethluk River	56.99	331	P	P	15 31 06.8	+0.4
L17K	Donlin	56.99	333	P	P	15 31 06.2	-0.1
O14K	Tiguykuiwet M	57.20	330	P	P	15 31 08.7	+0.8
H20K	Anotleneega Mo	57.24	338	P	P	15 31 08.5	+0.5
K17K	Iditarod	57.24	334	IAMS_20	IAMS_20	15 59 27.9	
K17K	Iditarod	57.24	334	P	P	15 31 08.2	+0.1
G21K	Allakaket	57.30	339	P	P	15 31 09.2	+0.7
TOLK	Toolik Lake Re	57.31	342	P	P	15 31 09.0	+0.4
H03N2	Juan Fernandez	57.32	154	T	T	16 33 08.7	
L16K	Ohwah River	57.32	333	P	P	15 31 09.0	+0.4
H03N1	Juan Fernandez	57.33	154	T	T	16 33 14.4	
H03N3	Juan Fernandez	57.34	154	T	T	16 33 14.6	
D24K	Happy Valley	57.42	343	P	P	15 31 09.3	0.0
M15K	Kasigluk River	57.46	331	P	P	15 31 09.9	+0.2
GCSA	Galena City Sc	57.61	337	P	P	15 31 10.5	-0.1
N14K	Kuskokwak Cree	57.64	330	P	P	15 31 11.6	+0.7
F21K	Alatna River	57.68	340	IAMS_20	IAMS_20	15 56 48.2	
F21K	Alatna River	57.68	340	P	P	15 31 11.5	+0.3
C24K	Franklin Bluff	57.75	344	IAMS_20	IAMS_20	15 57 28.9	
C24K	Franklin Bluff	57.75	344	P	P	15 31 12.3	+0.7
H19K	Roundabout Mou	57.82	337	IAMS_20	IAMS_20	15 57 53.0	
H19K	Roundabout Mou	57.82	337	P	P	15 31 11.9	-0.2
D23K	Nanushuk River	57.83	342	IAMS_20	IAMS_20	15 53 41.1	
D23K	Nanushuk River	57.83	342	P	P	15 31 12.3	+0.1
AC05	El Transit	57.86	143	IAMS_20	IAMS_20	15 49 44.3	
J17K	VABM Dome	57.86	335	P	P	15 31 12.7	+0.3
M14K	Bethel	58.06	331	P	P	15 31 14.2	+0.3
L15K	Ungalak Mounta	58.19	332	P	P	15 31 15.2	+0.4
F20K	Avaraart Lake	58.33	339	IAMS_20	IAMS_20	15 57 34.4	
F20K	Avaraart Lake	58.33	339	P	P	15 31 16.4	+0.7
C23K	Itkillik River	58.34	343	P	P	15 31 16.0	+0.3
G19K	Purcell Mounta	58.35	338	IAMS_20	IAMS_20	15 57 55.1	
G19K	Purcell Mounta	58.35	338	P	P	15 31 16.2	+0.3
H18K	Honhosa River	58.35	337	IAMS_20	IAMS_20	15 57 37.3	
H18K	Honhosa River	58.35	337	P	P	15 31 16.5	+0.6
D22K	Aiyikav River	58.37	342	P	P	15 31 16.7	+0.8
J16K	Arnyk River	58.44	334	P	P	15 31 17.1	+0.7
UNV	Unalaska Valle	58.44	322	P	P	15 31 17.6	+0.9
K15K	Wol Creek Mou	58.44	333	P	P	15 31 17.4	+0.9
E21K	Killik River	58.51	341	IAMS_20	IAMS_20	15 55 45.0	
E21K	Killik River	58.51	341	P	P	15 31 17.3	+0.3
M13K	Dall Lake	58.59	330	P	P	15 31 18.1	+0.6
L14K	Kuka Creek	58.60	332	Iamb	Iamb	15 31 41.6	
L14K	Kuka Creek	58.60	332	P	P	15 31 18.3	+0.7
I17K	Unalakleet	58.72	335	IAMS_20	IAMS_20	16 00 28.0	
I17K	Unalakleet	58.72	335	P	P	15 31 18.7	+0.3
G18K	Tagagawik	58.80	337	IAMS_20	IAMS_20	15 58 10.0	
G18K	Tagagawik	58.80	337	P	P	15 31 19.2	+0.2
H17K	Granite Mounta	58.85	336	P	P	15 31 19.7	+0.4
F19K	Shalareckik Mo	58.93	339	P	P	15 31 20.1	+0.2
E19K	Redstone River	59.05	339	P	P	15 31 21.1	+0.4
C21K	Knifblade Rid	59.15	342	P	P	15 31 22.1	+0.7
B21K	Ikpikpuk River	59.35	342	IAMS_20	IAMS_20	15 58 59.3	
B21K	Ikpikpuk River	59.35	342	P	P	15 31 23.1	+0.4
G17K	Kiwalik Mounta	59.37	337	P	P	15 31 23.3	+0.4
B22K	Teshkepuk Lake	59.42	343	P	P	15 31 23.5	+0.4
J14K	Nanvaranak Lak	59.48	333	P	P	15 31 24.4	+0.7
SALV	Santo Antonio	59.54	122	eP	P	15 31 26.2	+1.1
H16K	Elimo	59.68	335	P	P	15 31 25.3	+0.5
NIKH	Nikolski High	59.65	321	P	P	15 31 25.4	+0.3
K13K	Kusilvak Mount	59.69	332	P	P	15 31 25.9	+0.7
SFJD	Kangerlussuaq	59.82	22	LR	LR	15 57 06.3	
D19K	Kuna River	59.85	340	IAMS_20	IAMS_20	15 58 26.4	
D19K	Kuna River	59.85	340	P	P	15 31 26.1	-0.1
M11K	Mekoryuk	59.93	330	P	P	15 31 27.6	+0.8
G16K	Koyuk River	59.98	336	IAMS_20	IAMS_20	15 57 33.2	
G16K	Koyuk River	59.98	336	P	P	15 31 27.8	+0.7
F17K	Baldwin Pennin	59.99	337	IAMS_20	IAMS_20	15 58 56.3	
F17K	Baldwin Pennin	59.99	337	P	P	15 31 27.6	+0.5
E18K	Tukpahleark C	60.18	339	IAMS_20	IAMS_20	15 55 10.3	
E18K	Tukpahleark C	60.18	339	P	P	15 31 28.8	+0.1
A22K	Sinclair Lake	60.22	343	P	P	15 31 28.8	+0.1
B20K	Meade River	60.31	342	IAMS_20	IAMS_20	16 00 15.5	
B20K	Meade River	60.31					

10d 16h

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, SNR, and other parameters. Includes stations like FNO Franklin, HHAR Hobbs, TUL3 Leonard, etc.

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Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, SNR, and other parameters. Includes stations like NVAR, RLMT Red Lodge, LKWY Lake, etc.

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Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, SNR, and other parameters. Includes stations like G24K Hadweencz River, C27K Jago River, I23K Minto, etc.

NEIC 10 16:01:29.6-1.0, 18.05N-0.02-66.797W 0.008,

h10km,1km,ML2.5/24,Error ellipse: s-maj=2.8km

s-min=2.7km az=158.0, Puerto Rico region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like OBIP Obispado Ponce, CELP Cerrillos, UUPR Utuado, UPR, P, etc.

RSRPR 10 16:28:56.8, 17.98N, 66.32W, h16km, MD2.87

NEIC 10 16:28:57.2, 14.18, 02N, 03.66, 820W, 0.006

h10km,1km,ML3.2/26,MD2.87(RSPR), Error ellipse:

s-maj=4.8km s-min=2.8km az=183.0

ISC 10 16:28:55.9, 13.179N, 04.6681W, 0.02, h23km, n37,

o36/51, 1C-6D, Puerto Rico region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like GBPR Guanica, Bosqu, OBIP Obispado Ponce, etc.

MOS 10 16:32:29.1, 0.9, 15.39S, 167.33E, h117km, mb4.9/17,

Error ellipse: s-maj=11.7km s-min=9.4km az=119.2

NOU 10 16:32:30.9, 15.36S, 167.52E, h114km, mb4.8/79,

Vanuatu Islands

NEIC 10 16:32:30.6, 1.5, 15.34S, 0.08, 167.5E, 0.1, h120km, 4km,

mb5.0/49, Error ellipse: s-maj=14.2km s-min=1.6km

az=106.0

BJI 10 16:32:31.2, 14.82S, 167.63E, h122km, mb5.2/12,

mb4.9/58

IDC 10 16:32:31.0, 0.7, 15.36S, 167.58E, h125km, 5km, mb4.4/27,

mbmp4.7/28, MS3.7/4, Error ellipse: s-maj=14.1km

s-min=9.0km az=91.0

ISC 10 16:32:30.7, 0.4, 15.35S, 0.04, 167.53E, 0.05, h122km, 2km,

h123km, p-P, n344, e124/374, mb4.9/95, 16C-7D,

Vanuatu Islands

Table with columns: SANVU, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like SARAROUT, DVP Devils Point, etc.

Table with columns: WRA, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like WARRAMUNGA ARR, TASMANIA UNIV, etc.

10d 16h

Table with columns for station name, location, coordinates, and various data points. Includes stations like WHN, PEAOB, PETK, etc.

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Table with columns for station name, location, coordinates, and various data points. Includes stations like SONM, BILL, G19K, etc.

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Table with columns for station name, location, coordinates, and various data points. Includes stations like NOA, AKASG, AKKB, etc.

Table with columns: NR/K, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual. Includes stations like Noril'sk, Akbulak array, Concordia, Ant Kuna River, Redstone River, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual. Includes stations like Guaynabo City, Col San Antoni, Loma Pena Alta, etc.

SJA 10 17:44:07.2 0.7, 33.005:70.30W, h114km, 2km, ML3.3, MW3.6
GUC 10 17:44:08.4 0.6, 32.995:70.34W, h108km, 3km, ML3.7
ISC 10 17:44:09.0 1.3, 33.005:70.30W, h105km, 7km, n46, c086/75, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual. Includes stations like Estacion Santa, Peldehue, Ro Olivares, Cerro Calén, CCHEN, Bocatomá, Universidad Ad, etc.

Table with columns: COOI, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual. Includes stations like Valle Fertil, Chepes, Las Campanas, etc.

NEIC 10 17:44:29.4 1.4, 17.92N:0.003:66.93W:0.01, h10km, 1km, ML3.9/26, Md3.5/7(RSPR), Mw3.6/11(SLM), Error ellipse: s-maj=5.7km s-min=3.0km az=4.0

RSRP 10 17:44:30.1, 17.96N:66.95W, h9km, 1km, MD3.5/7
NEIC 10 17:44:30.1, 17.96N:66.95W, h11km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm, Mrr=0.33; Mth=0.33; Mtt=0.00; Mtr=0.92; Mbr=2.64; Mbr=0.47; Fault plane solution: M2.850000:10^14 NP1:phi=270.00000, delta=0.00000, lambda=20.00000. NP2:phi=4.00000, delta=0.00000, lambda=169.00000. Principal axes: T 2.8529, Plg7.00000, Azm318.00000; N -0.0008, Plg68.00000, Azm64.00000; P -2.8520, Plg21.00000, Azm225.00000; OSPL 10 17:44:30.8 0.9, 17.99N:66.91W, h0km, 7km, ML3.8, Presumed earthquake

ISC 10 17:44:27.8 0.9, 17.89N:0.005:66.93W:0.02, h19km, 2km, n45, c080/65, 7C-4D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual. Includes stations like Guanica, Bosqu, Maguayes Islan, Cabo Rojo, etc.

RSRP 10 17:37:30.7, 17.99N:66.85W, h10km, MD2.9/8
NEIC 10 17:37:30.5 0.8, 17.98N:0.01:66.84W:0.01, h10km, 1km, ML2.7/26, Md2.9/8(RSPR), 11C-1D, Error ellipse: s-maj=3.2km s-min=2.0km az=167.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual. Includes stations like Guanica, Bosqu, Maguayes Islan, Cabo Rojo, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual. Includes stations like El Roble, Las Vizcachas, Pirque, Curacav, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual. Includes stations like Puerto Rico Se, Esperanza - Ma, San Juan, etc.

NEIC 10 17:57:28.7 1.6, 83.4N:0.1:113.7E:0.9, h10km, 1km, mb4.2/51, Error ellipse: s-maj=18.6km s-min=15.3km az=137.0

IDC 10 17:57:29.1 0.8, 83.41N:115.10E, h0km, mb3.7/13, mbtmp3.8/15, ML3.6/2, MS3.5/14, Error ellipse: s-maj=23.8km s-min=16.5km az=141.0

MOS 10 17:57:32.2 83.96N:115.92E, h10km, mb4.3/15, Error ellipse: s-maj=75.7km s-min=9.4km az=89.4

FCIAR 10 17:57:32.0 82.97N:112.94E, h10km, station SVZ has station magnitude of 3.40

YARS 10 17:57:33.9 83.10N:112.10E, h35km, mb4.5/11
ISC 10 17:57:30.0 0.4, 83.44N:0.06:113.91E:0.05, h10km, 120, c2520/97, mb4.2/48, MS3.6/14, 9C, North of Severnaya

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Magueyes Islan, Cabo Rojo, PR, Obispo Ponce, etc.

RSPR 10:01:59.6, 17.82N, 66.86W, h2km
NEIC 10:01:57.0, 17.71N, 66.84W, 0.01, h7km, 7km,
ML2.8/26, ML2.5(RSPR), 1C-SD, Error ellipse:
s-maj=5.3km s-min=1.9km az=186.0, Puerto Rico
region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Guanica, Bosqu, Magueyes Islan, etc.

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

NEIC 10:03:47.8, 0.7, 17.96N, 0.06, 66.82W, 0.02, h17km, 2km,
ML3.5/24, MD3.2/6(RSPR), Error ellipse: s-maj=8.3km
s-min=2.0km az=167.0
OSPL 10:03:48.6, 0.3, 17.89N, 66.83W, h6km, 2km, ML3.5,
Presumed earthquake
RSPR 10:03:48.8, 17.99N, 66.84W, h10km, MD3.1/6
ISC 10:03:47.8, 1.1, 17.94N, 0.05, 66.83W, 0.02, h23km, n38,
o=72/53, 3C-3D, Puerto Rico region

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

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

IDC 10:19:07.0, 5.1, 1.6, 65S, 149.69E, h0km, mb4.0/5,
mb1m/4, 1.7, ML4.1/1, MS3.1/6, Error ellipse: s-maj=62.0km
s-min=20.7km az=125.0
NEIC 10:19:07.0, 0.0, 8.6, 8S, 0.1, 149.8E, 0.1, h19km, 6km,
mb4.6/12, Error ellipse: s-maj=21.5km s-min=6.5km
az=132.0

ISC 10:19:07.0, 4.0, 7.6, 74S, 0.1, 149.7E, 0.1, h49km, n29,
o=18/28, mb4.3/8, MS3.0/4, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Rabaul, Port Moresby, Coen, etc.

NEIC 10:19:15.2, 2.8, 1.0, 18.00N, 0.03, 66.78W, 0.01, h16km, 3km,
ML3.3/26, MD2.8/3(RSPR), Error ellipse: s-maj=4.0km
s-min=1.6km az=174.0
RSPR 10:19:15.2, 3.7, 17.96N, 66.82W, h13km, 1km, MD2.8/3
ISC 10:19:15.2, 2.9, 0.9, 17.97N, 0.04, 66.79W, 0.02, h17km, 5km,
n34, o=87/56, 1C-4D, Puerto Rico region

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

10d 20h

Table with columns: CAN, Canbera, 24.93 218, P, P, 20 12 05.2 +1.0, etc. Lists various locations and their associated data points.

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Table with columns: BATI, Baumata, 43.20 273, P, P, 20 14 43.7 +1.5, etc. Lists various locations and their associated data points.

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Table with columns: JNU, Nakatsue, 60.72 325, P, P, 20 16 55.5 +3.0, etc. Lists various locations and their associated data points.

Table with columns for station name, frequency, and signal strength. Includes stations like PSI Prapat, TIA Tain, GSI Gunungsitoli, and others.

Table with columns for station name, frequency, and signal strength. Includes stations like XLT XLT, RPN Rapa Nui, MA2 Magadan, and others.

Table with columns for station name, frequency, and signal strength. Includes stations like YAK Yakutsk, TNA Tin City, M20K Styx River, and others.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like FETA, DAVA, CTI, etc.

RSPR 10:20:13:57.9, 18:01N:66:83W, h14km
NEIC 10:20:13:57.8:1.4, 18:01N:0:03:66.81W:0.01, h10km±1km,
ML2.5/26, ML2.3(RSPR), 7C-3D, Error ellipse:
s-maj=4.5km s-min=2.9km az=163.0, Puerto Rico
region

Main table for Puerto Rico region with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like GBPR, OBIP, CRPR, etc.

IDC 10:20:15:28.9:1.0, 16:59S:167:69E, h0km, mb4.2/14,
mbmp4.3/15, Error ellipse: s-maj=29.0km s-min=19.3km
az=104.0

NEIC 10:20:15:28.6:2.0, 16:65S:0:04:167:93E:0:04, h10km±1km,
mb4.9/45, Error ellipse: s-maj=7.5km s-min=6.8km
az=301.0

NOU 10:20:15:31.1, 16:71S:167:53E, h0km, MLV5.2/31, Vanuatu
Islands

ISC 10:20:15:32.7:0.4, 16:65S:0:04:167.74E:0:06, h35km, n103,
a1566/104, mb4.8/29, Vanuatu Islands

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

Main table for various regions with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like DZM, ONTC, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like SQTA, FETA, etc.

IDC 10:20:39:56.8:10.0, 21:71S:176:42W, h75km, h75km, mb3.7/5,
mbmp4.0/6, ML4.0/1, Error ellipse: s-maj=52.5km
s-min=40.9km az=151.0

NEIC 10:20:40:05.6:2.0, 21:8S:0:2:176:16W:0:09, h176km±8km,
mb4.5/10, Error ellipse: s-maj=21.7km s-min=12.9km
az=184.0

ISC 10:20:40:07.3:0.8, 22:02S:0:1:176:5W:0:1, h171km, n56,
a1824/56, mb4.0/11, 15C-6D, Fiji Islands region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like MSVF, NIUE, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual, and other parameters. Includes stations like GHRH, Tescani, Topolog, etc.

VAO 10:20:47.52.1.2.1.31.43Sx72.25W, h10km, mb4.4, Presumed earthquake

SJA 10:20:48:03.4.0.7.30.85Sx71.50W, h31km, 2km, ML4.4, MW4.4

GUC 10:20:48:04.9.0.8.30.84S:71.36W, h45km, 2km, ML4.9

NEIC 10:20:48:04.6.30.81S:71.53W, h36km

NEIC 10:20:48:05.2.1.30.81S:0.03:71.44W, 0.07, h40km, 4km, mb4.7/40, Mw4.4/44, Mw4.5(GUC), Error ellipse: s-maj=9.2km s-min=5.0km az=93.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr4.64; Mm0.30; Mm1-4.9; Mm2.55; Mm3.130; Mm4.141; Fault plane solution: Ms5.20000x10^15; NP1.349.74000; 3.36.64000; 1.94.53000; Principal axes: T 4.8706; Plg16.0000; Azm58.0000; N 0.5941; Plg3.0000; Azm166.0000; P -5.4707; Plg8.0000; Azm256.0000;

IDC 10:20:48:06.0.6.30.83S:71.25W, h48km, 5km, mb4.2/8, mbmp4.3/12, MS3.3/2. Error ellipse: s-maj=23.8km s-min=15.9km az=96.0

ISC 10:20:48:04.8.0.5.30.84S:0.02:71.43W, 0.03, h44km, 4km, n222, e239/252, mb4.7/20, 3C-13D, Near coast of central Chile

Main table of station data for the 10d 20h period, including station names, coordinates, and observed data points.

Main table of station data for the 2020 JAN period, including station names, coordinates, and observed data points.

Main table of station data for the 700 period, including station names, coordinates, and observed data points.

Table with columns: Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like H11N3 WAKE ISLAND, H11N1 WAKE ISLAND, H11N2 WAKE ISLAND, BVAR Burvoye Array, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like NMLH Miaoli, NMLH Taipei, FULB Fuli, SBCB Hsinchu, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time Res, ISC. Includes stations like ZPLA Ao Xicun, ZPLA Dongshan, DSXJ Kunhouchang, etc.

JMA 10:20:48.54:3.0.1.24:0N:0.6:121.7E:0.9, h50km, 1km, MVZ 4/16, TAIWAN REGION, TAP 10:20:48:55.1, 24.10N:121.69E, h52km, ML 3.8, ISC 10:20:48:55.3, 1.2, 24.09N:102.12174E:0.02, h49km, 4km, n165, r130/288, Taiwan

NEIC 10:20:49:23.0:1.2, 60.89S:0.04:153.0E:0.3, h10km, 1km, mb4, 6/24, Error ellipse: s-maj=25.9km s-min=3.7km az=103.0

ISC 10:20:49:23.4:7.6, 60.80S:152.42E, h0km, mb3.9/2, mbmp4.0/3, ML4.0/1, MS4/2.10, Error ellipse: s-maj=354.7km s-min=36.9km az=75.0

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC. Lists numerous stations across Taiwan and the Philippines.

Main station list table with columns: Station Name, Azimuth, Phase ID, Time Res, ISC. Continues the list of stations from the previous table.

Main station list table with columns: Station Name, Azimuth, Phase ID, Time Res, ISC. Continues the list of stations from the previous table.

JMA 10:20:52:31.2:0.2, 43.1N:0.6:145.6E:0.7, h48km, 1km, MVZ 7/38, OFF NEMURO PENINSULA, SKHL 10:20:52:32.3:0.4, 43.10N:145.60E, h37km, 1km, mb4.3/3, ISC 10:20:52:30.8:2.8, 43.1N:0.1:145.7E:0.1, h47km, 14km, n13, r057/23, Hokkaido region

10d 21h

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like TLY Talaya, KSRS Korea Array, CN2 Chanchung, WVT Waverly, HIA Hailar, NRIK Noril'sk, etc.

IDC 1021:01:41.0t.1.4, 62.76N; 149.03W, h56km, 21km, mb3.4/4, mbmp3.8/7, ML4.0/3, Error ellipse: s-maj=34.1km s-min=10.1km az=111.0

AEIC 1021:01:43.5t.1.2, 62.72N; 0.03:148.63W; 0.06: h64km, 7km, Error ellipse: s-maj=4.1km s-min=3.9km az=131.0

NEIC 1021:01:43.5t.1.0, 62.75N; 0.03:148.63W; 0.07: h66km, 9km, ML3.8/2.52, ML3.5(A/E/C), Error ellipse: s-maj=4.5km s-min=2.9km az=95.0

ISC 1021:01:42.6t.0.9, 62.73N; 0.04:148.60W; 0.04: h75km, 7km, n240, c1905/246, mb3.8/4, Central Alaska

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like WAT1 Susitna Watana, WAT2 Susitna Watana, WATA Watana, etc.

2020 JAN

Main table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like PAX Paxson, SKT Skwentna, SUA Susitna One, HAARP HAARP, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like HYT Haines Junction, ACHA Angle Creek He, MGLS Mageik Landli, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

KRNET 10 22:01:38.8 0.1, 40.146N, 77.59E, mb2.8
SOME 10 22:01:39.8, 40.50N, 77.68E, h10km
NCC 10 22:01:41.3 0.6, 40.56N, 77.69E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=4.0km s-min=3.1km az=310

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

DJA 10 22:06:30.0 0.5, 8°S, 107°E, h10km, 3km, M4.6/22, mb5.1/1, mb4.77, MLV4.5/22, Mw(mB)4.5/1
NEIC 10 22:06:32.7 1.7, 7.75S, 108.10E, 0.07, h63km, 3km, mb4.4/19, Error ellipse: s-maj=15.4km s-min=6.9km

IDC 10 22:06:32.1 6.3, 7.71S, 108.03E, h63km, 56km, mb3.9/18, mbmp4.2/19, ML4.8/1, MS3.2/2, Error ellipse: s-maj=33.4km s-min=13.3km az=62.0

ISC 10 22:06:31.5 0.9, 8.07S, 106.107E, 0.03, h66km, 7km, n99, e194/109, mb4.2/26, Jawa

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

NOU 10 22:22:38.1, 38.77S, 175.97E, h155km, MLV3.9/23, North Island, New Zealand

WEL 10 22:22:40.9 0.7, 39°S, 155°17'E, h134km, 5km, M3.0/37, ML2.8/31, MLV3.0/37, Error ellipse: s-maj=8.5km s-min=5.5km az=127.5, confirmed

ISC 10 22:27:37.1 1.4, 38.67S, 104.715E, 0.04, h166km, 7km, n127, e134/144, North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Station Name, Azimuth (Az), Magnitude (M), Phase ID, Time (h:m:s), Residual (Res), and Station Name. Lists various stations like MUGZ, MOVZ, PKVZ, etc.

cutoff=50s. Triangular moment-rate function
INMG 10 22:26:26.0.3.2, 17.92N;66.77W,h10km,M5.1,mb5.2,
#DIST_RANGE: DISTANT
CATAC 10 22:26:26.0.3.2, 18°N,5°6'7W,h10km,M5.5,mb5.6/5,

Rico region
Code Station Name Az Az' Phase ID Time Res
GBPR Guanica, Bosqu 0.10 355 Op ISC
GBPR Guanica, Bosqu 0.10 355 Op ISC

MLPR Magueyes Islan 0.19 300 eP Pg
MLPR Magueyes Islan 0.19 300 iP Pg
MLPR Magueyes Islan 0.19 300 eS Pg

CRPR Cabo Rojo, PR 0.26 300 Sg ISC
CRPR Cabo Rojo, PR 0.26 300 eP Pg
CRPR Cabo Rojo, PR 0.26 300 iP Pg

OBIP Obispado Ponce 0.30 56 eS Pg
OBIP Obispado Ponce 0.30 56 iP Pg
OBIP Obispado Ponce 0.30 56 eS Pg

PRSN Puerto Rico Se 0.43 322 Pg IAML
PRSN Puerto Rico Se 0.43 322 eP Pg
PRSN Puerto Rico Se 0.43 322 iP Pg

AOPR Arecibo Observ 0.48 13 Sg Pg
AOPR Arecibo Observ 0.48 13 eS Pg
AOPR Arecibo Observ 0.48 13 iP Pg

AGPR Aguadilla, PR 0.63 339 eS Pg
AGPR Aguadilla, PR 0.63 339 iP Pg
AGPR Aguadilla, PR 0.63 339 eS Pg

EMPR Esperanza - Ma 0.68 28 Sg Pg
EMPR Esperanza - Ma 0.68 28 iP Pg
EMPR Esperanza - Ma 0.68 28 eS Pg

EMPR Esperanza - Ma 0.68 28 iP Pg
EMPR Esperanza - Ma 0.68 28 eS Pg
EMPR Esperanza - Ma 0.68 28 iP Pg

Table with columns: Station Name, Azimuth (Az), Magnitude (M), Phase ID, Time (h:m:s), Residual (Res), and Station Name. Lists stations like SABA, SABA, SABA, etc.

Table with columns: Station Name, Azimuth (Az), Magnitude (M), Phase ID, Time (h:m:s), Residual (Res), and Station Name. Lists stations like ANWB, ANWB, ANWB, etc.

Table with columns: Station Name, Azimuth (Az), Magnitude (M), Phase ID, Time (h:m:s), Residual (Res), and Station Name. Lists stations like CBE, CBE, CBE, etc.

Table with columns: Station Name, Azimuth (Az), Magnitude (M), Phase ID, Time (h:m:s), Residual (Res), and Station Name. Lists stations like GRTK, GRTK, GRTK, etc.

Table with columns: Station Name, Azimuth (Az), Magnitude (M), Phase ID, Time (h:m:s), Residual (Res), and Station Name. Lists stations like MAGL, DSDL, DSDL, etc.

Table with columns: Station Name, Azimuth (Az), Magnitude (M), Phase ID, Time (h:m:s), Residual (Res), and Station Name. Lists stations like SVB, SVB, SVB, etc.

Table with columns: Station Name, Azimuth (Az), Magnitude (M), Phase ID, Time (h:m:s), Residual (Res), and Station Name. Lists stations like SDV, SDV, SDV, etc.

Table with columns: Station Name, Azimuth (Az), Magnitude (M), Phase ID, Time (h:m:s), Residual (Res), and Station Name. Lists stations like SMRC, SMRC, SMRC, etc.

Table with columns: Station Name, Azimuth (Az), Magnitude (M), Phase ID, Time (h:m:s), Residual (Res), and Station Name. Lists stations like CAIB, CAIB, CAIB, etc.

Table with columns: Station Name, Azimuth (Az), Magnitude (M), Phase ID, Time (h:m:s), Residual (Res), and Station Name. Lists stations like UREC, UREC, UREC, etc.

YOTC	Yotoco, Valle	16.64 215	P	P	22 30 20.4	0.0
DWPF	Disney Wildern	16.62 310	Pn	IAMB	22 30 18.0	-2.1
MACC	Macarena, Meta	17.07 204	P	Pn	22 30 20.9	-2.4
JAMC	Jamundi, Valle	17.45 215	P	Pn	22 30 30.1	+0.6
SIUN	Universidad U	17.72 259	Pn	IAMB	22 30 31.0	-0.4
BRUZ	Volcan	17.83 242	Pn	IAMB	22 30 32.6	-0.4
SGCZ	Sao Gabriel da	17.91 180	P	P	22 30 34.6	+0.2
POPC	Popayan, Colom	18.02 213	P	P	22 30 37.6	+1.8
RAFA	San Farael, Vo	18.22 247	Pn	IAMB	22 30 35.8	-2.2
656A	Williston	18.33 311	P	Pn	22 30 37.6	-1.2
FLOC	Florencia	18.34 209	P	Pn	22 30 39.1	-0.1
HDC	Heredia	18.46 247	P	P	22 30 40.8	+0.1
HDC	Heredia	18.46 247	eP	Pn	22 30 42.3	+1.6
GRIC	Gorgona, Isla	18.47 218	P	Pn	22 30 44.0	-0.1
PIRO	Carate, Puerto	18.58 242	P	Pn	22 30 42.0	+0.8
BBAC	Balboa, Cauca	18.76 214	P	Pn	22 30 45.4	+1.0
456A	Hilliard	18.80 316	P	IAMB	22 30 43.8	-0.2
MDP	Montagnes des	18.83 311	P	Pn	22 30 45.4	+0.3
MDP			S	Sn	22 34 04.0	-1.2
MDP			LR	LR	22 39 20.3	
257A	Skidaway Islan	19.00 320	P	P	22 30 45.2	-1.0
Y60A	Bolivia	19.00 330	P	IAMB	22 30 46.3	+0.1
JTS	Las Juntas de	19.08 249	P	Pn	22 30 49.5	+1.4
JTS			LR	LR	22 38 24.6	
JTS			P	P	22 30 47.3	0.0
JTS			IAMB	IAMB	22 30 55.1	
JTS			Pn	Pn	22 30 49.3	+1.2
JTS			P	Pn	22 30 50.1	+2.0
CSU	Charleston Sou	19.17 324	P	Pn	22 30 52.1	+3.1
RGRS	Roger Stewart	19.18 324	P	IAMB	22 30 50.5	+1.4
RGRS			IAMB	IAMB	22 30 59.9	
PTLC	Puerto Leguiza	19.24 205	P	Pn	22 30 52.4	+2.4
NHSC	New Hope	19.32 324	P	P	22 30 49.4	-0.3
GCUF	Volcan Galeras	19.48 213	P	Pn	22 30 57.7	+4.3
MGAN	Mianagua	19.56 256	P	IAMB	22 30 52.2	-0.2
MGAN			IAMB	IAMB	22 31 03.7	
Y58A	Scranton	19.65 327	P	Pn	22 30 54.6	-0.2
JUD3	Juan Diaz 3	19.66 250	P	Pn	22 30 54.9	-0.1
VE1A	Rooper	19.82 356	P	Pn	22 30 55.2	+0.1
CNGN	Cerro Negro	19.86 257	P	P	22 30 57.0	-0.5
HERN	Volcan Telica	19.95 258	P	Pn	22 30 56.7	-0.2
HERN			IAMB	IAMB	22 31 06.9	
TGUH	Teguiguapa Un	19.98 262	P	P	22 30 57.7	+0.5
X58A	Rowland	20.00 329	P	Pn	22 30 57.9	+0.8
Y57A	Sumter	20.12 326	P	Pn	22 30 59.9	-0.4
CRIN	San Cristobal	20.13 258	P	IAMB	22 30 59.9	+1.1
553A	Crawfordville	20.16 311	P	P	22 30 55.4	+0.6
BONI	La Bonita	20.24 212	P	Pn	22 31 04.7	+2.6
TIGA	Tifton	20.29 315	P	IAMB	22 31 01.6	-0.8
TEIG	Tepech	20.37 280	P	P	22 31 01.6	+0.3
TEIG	Tepech	20.37 280	P	Pn	22 31 02.9	-0.5
TEIG	Tepech	20.37 280	P	P	22 31 01.1	-0.2
BIRD	Birdtown, Kers	20.64 327	P	Pn	22 31 05.3	-1.1
BIHD			IAMB	IAMB	22 31 21.0	
154A	Montrose	20.72 318	P	Pn	22 31 06.9	-0.5
JSC	Jenkinsville	20.79 325	P	P	22 31 06.7	+0.9
JSC	Jenkinsville	20.79 325	P	pmax	22 31 06.7	+0.9
V57A	Windy Hill, Pi	20.89 331	P	P	22 31 07.7	+0.9
OTAV	Otavalo	20.90 214	P	Pn	22 31 09.4	-0.7
OTAV	Otavalo	20.90 214	P	pmax	22 31 09.4	-0.7
OTAV	Otavalo	20.90 214	eP	Pn	22 31 09.1	+1.5
MACA	Macapuru-AM	21.67 163	P	IAMB	22 31 09.4	-0.7
S61A	Accomac	21.19 340	P	P	22 31 08.1	-2.0
T59A	Double "B" Far	21.23 336	P	P	22 31 10.7	+0.2
HODGE	Hodges	21.32 323	P	IAMB	22 31 12.5	+1.0
451A	Vernon	21.34 310	P	P	22 31 12.8	+1.1
TEFE	Tefe	21.36 174	eP	P	22 31 13.7	+1.7
GOGA	Godfrey	21.48 319	P	IAMB	22 31 14.1	+1.0
GOGA	Godfrey	21.48 319	P	pmax	22 31 14.1	+1.0
KMCS	Kings Mountain	21.48 326	P	P	22 31 12.4	-0.8
PAULI	Pauline	21.50 325	P	P	22 31 15.3	+1.9
R61A	Willards	21.68 342	P	P	22 31 15.9	+0.6
MACA	Macapuru-AM	21.77 163	P	IAMB	22 31 16.9	+0.4
152A	Waverly Hall	21.80 316	P	P	22 31 16.8	+0.1
MT03	Montecristo	21.88 264	P	P	22 31 18.9	+1.0
U56A	King	21.94 330	P	IAMB	22 31 20.2	+2.2
T57A	Hurt	21.95 333	P	IAMB	22 31 18.8	+0.6
V55A	Taylorsville	21.96 327	P	IAMB	22 31 19.0	+0.7
PETF	Flores	21.97 271	P	P	22 31 18.2	-0.3
Y52A	Lilburn	22.15 319	P	P	22 31 20.2	-0.2
R58B	Mineral	22.22 336	P	P	22 31 20.1	-1.0
R58B			IAMB	IAMB	22 31 34.7	
CBN	Corbin Frederi	22.24 338	P	P	22 31 21.6	+0.3
BG3	Lake Jocassee	22.25 323	P	P	22 31 21.4	-0.1
250A	Grady	22.46 312	P	P	22 31 24.1	+0.4
S57A	Dark Hollow, R	22.47 334	P	IAMB	22 31 24.1	+0.3
BLAL	Brewton	22.58 310	P	P	22 31 26.2	+1.2
BLA	Blacksburg	22.66 331	P	P	22 31 25.9	+0.1
BLA	Blacksburg	22.66 331	P	pmax	22 31 25.9	+0.1
V53A	Saluda	22.68 325	P	P	22 31 26.5	+0.4
V53A			IAMB	IAMB	22 31 50.2	

P61A	Hammonton	22.78 344	P	P	22 31 27.1	0.0
U54A	Nelsons Fun	22.79 328	P	IAMB	22 31 28.1	+0.8
APG	El Apazole	22.81 266	LR	LR	22 40 42.9	
W52A	Murphy	22.90 322	P	IAMB	22 31 28.9	+0.5
X51A	Soldier's Deli	23.11 320	P	P	22 31 29.9	-0.5
SDMD	Tuckaleechee C	23.14 340	P	P	22 31 30.6	-0.2
TKL	Tuckaleechee C	23.21 323	LR	LR	22 40 13.3	
TKL	Tuckaleechee C	23.21 323	P	IAMB	22 31 31.1	-0.4
TKL	Tuckaleechee C	23.21 323	P	pmax	22 31 31.2	-0.4
WUPA	Marlinton	23.25 343	P	P	22 31 31.5	-0.3
R55A	Millersville	23.30 333	P	P	22 31 34.6	+1.0
MVL	Dingess, Beckl	23.53 342	P	P	22 31 35.8	+0.8
SS4A		23.55 330	P	IAMB	22 31 49.8	
FPAL	Fort Paine	23.56 318	P	P	22 31 35.0	-0.1
LRAL	Lakeview Retre	23.56 314	P	P	22 31 35.6	+0.5
LRAL			IAMB	IAMB	22 31 50.6	
P57A	Blount Mountai	23.61 338	P	P	22 31 35.4	-0.1
CPNY	Snyder Ridge	23.64 346	P	IAMB	22 31 35.9	+0.2
Y49A	Blount Mountai	23.65 316	P	P	22 31 36.9	+0.9
Q56A	Snyder Ridge	23.66 336	P	IAMB	22 31 58.3	
N62A	Caumsett State	23.67 347	P	P	22 31 36.0	0.0
BRNJ	Basking Ridge	23.68 345	P	P	22 31 37.6	+1.5
TZTN	Tazewell	23.72 325	P	IAMB	22 31 36.2	-0.4
TZTN			IAMB	IAMB	22 31 50.2	
W50A	Signal Mountai	23.80 320	P	IAMB	22 31 38.1	+0.7
M65A	Busby, Falmout	23.83 353	P	P	22 31 37.7	+0.2
PAL	Palisades	23.84 347	P	P	22 31 37.8	+0.2
PAL	Palisades	23.84 347	P	IAMB	22 32 05.9	
PAL	Palisades	23.84 347	P	pmax	22 31 37.8	+0.2
PAGS	Pennsylvania G	23.85 341	P	P	22 31 37.9	+0.2
M63A	Westport, CT	23.87 350	P	P	22 31 36.1	+0.2
WSPT	Westport, CT	23.87 348	IAMB	IAMB	22 32 03.3	
SWET	Sewanee	24.20 319	P	P	22 31 41.3	+0.1
CGIC	Comitan	24.20 270	P	IAMB	22 31 41.0	-0.5
L64A	Middleborough	24.22 353	P	P	22 31 41.6	+0.4
UCCT	U. Connecticut	24.28 350	P	P	22 31 42.0	+0.2
O54A	Coxs Mills	24.30 333	P	IAMB	22 31 41.2	+0.8
Z47A	Carrollton	24.40 313	P	IAMB	22 31 44.2	+1.2
N58A	Sunbury	24.41 342	P	P	22 31 43.7	+0.7
X48A	Hartselle	24.43 316	P	P	22 31 42.7	-0.5
KSCT	Kent School, K	24.44 348	P	P	22 31 42.4	-0.8
MCW	Mont Chateau	24.45 335	P	P	22 31 44.1	+0.7
SS1A	Beattyville	24.56 327	P	IAMB	22 32 09.5	
SSPA	Standing Stone	24.59 340	P	P	22 31 45.1	+0.5
BCX	Boston College	24.66 352	P	IAMB	22 31 45.1	-0.1
ITTB	Iaituba	24.68 153	eP	P	22 31 45.5	-0.1
WES	Weston	24.72 352	P	IAMB	22 31 46.8	+1.0
WES	Weston	24.72 352	P	pmax	22 31 46.8	+1.0
T50A	Nancy	24.78 324	P	P	22 31 46.6	+0.2
KSPA	Keystone Colle	24.81 344	P	P	22 31 48.8	+2.2
HRV	Adam Dzewonsk	24.88 352	P	P	22 31 46.5	-0.7
HRV	Adam Dzewonsk	24.88 352	P	P	22 31 47.4	+0.2
HRV	Adam Dzewonsk	24.88 352	P	P	22 31 46.5	-0.7
Q52A	Bidwell	24.93 331	P	P	22 31 47.7	+0.1
P53A	Whipple	24.95 333	P	IAMB	22 31 48.3	+0.3
U49A	Red Boiling Sp	24.97 322	P	IAMB	22 31 47.7	-0.4
M57A	Sunshine Farm,	24.99 341	P	IAMB	22 31 48.4	+0.2
L61B	Northampton	24.99 350	P	IAMB	22 31 48.3	+0.1
CLTN	Cedars of Leba	25.02 320	P	P	22 31 48.3	-0.2
V48A	Smith Brothers	25.09 319	P	IAMB	22 31 49.3	+0.1
O54A	Avella	25.11 335	P	IAMB	22 31 58.9	
K62A	Royalston	25.13 351	P	IAMB	22 31 49.6	+0.1
L59A	Walton	25.22 346	P	IAMB	22 31 50.8	+0.5
P52A	Cor					

10d 22h

Table with columns for station ID, name, frequency, and signal quality. Includes stations like P43A Skaggs, Pawnee, 49A Point Hope, CCM Cathedral Cave, BUKO Buck Lake, etc.

2020 JAN

Table with columns for station ID, name, frequency, and signal quality. Includes stations like N35A Tabor, SGCY Sterling City, LPAZ La Paz, LPZAZ La Paz, etc.

708

Table with columns for station ID, name, frequency, and signal quality. Includes stations like TASM ASL Pad, Albuquerque, PB02 IPOC Station P, NBTA Tocaratu-PE, etc.

Table with columns: Call Sign, Location, Frequency, Mode, Power, and other details. Includes entries like PET01 Itanhaem-SP, BC3 Big Chuckawall, BOZ Bozeman (W), etc.

Table with columns: Call Sign, Location, Frequency, Mode, Power, and other details. Includes entries like YKA Yellowknife A, YKA Yellowknife B, YKAW3 Yellowknife Wh, etc.

Table with columns: Call Sign, Location, Frequency, Mode, Power, and other details. Includes entries like RCHB Rochefort, M30M Minto, M30M Minto, etc.

10d 22h

Table with columns: Station, Name, Frequency, Power, Direction, and other parameters. Includes stations like RETA, FETA, NB2, NB2, NOA, etc.

2020 JAN

Table with columns: Station, Name, Frequency, Power, Direction, and other parameters. Includes stations like KHC, KHC, KHC, etc.

710

Table with columns: Station, Name, Frequency, Power, Direction, and other parameters. Includes stations like M20K, C21K, KDAD, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like RND Reindeer, LOHW Long Hollow, PDAR Pinedale Array, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like STEI Steigen, GNI Garni, VNI Novokhovorsk, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other technical details. Includes stations like R9F13 Warsaw-Wawer, TLR Jurrilovca, VLDR Vladesti, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SONGINGO Array, ILAR, MKAR, ARCES, etc.

NEIC 11 02:10:58.1±0.7, 17.82N, 0.033°E, 66.85W, 0.008, h0km, 1km, ML3.5/26, MD3.0/11(RSPR), Error ellipse: s-maj=5.9km s-min=2.7km az=353.0

RSPR 11 02:10:58.0, 17.83N, 66.86W, h4km, MD3.0/11

SDD 11 02:10:59.2±2.4, 17.82N, 66.89W, h15km, 40km, MD3.5, ML3.2, MW3.4, Presumed earthquake

ISC 11 02:10:58.1±1.4, 17.81N, 0.07°E, 66.85W, 0.03, h9km, 8km, n46, e056/59, 14C-10U, Puerto Rico region

Main table listing station names, azimuths, phase IDs, times, and residuals for various seismic stations.

DC 11 02:16:44.2±0.5, 13.75N, 90.84W, h0km, mb4.4/27, mbmp4.4/28, ML4.4/1, MS4.3/25, Error ellipse: s-maj=22.4km s-min=11.8km az=57.0

GCG 11 02:16:47.7±2.1, 13.56N, 91.33W, h13km, 10km, MD5.1, ML5.1, Fault plane solution: NP1, phi=87.000°, delta=1.98000°, lambda=11.70000°, Presumed earthquake

SNET 11 02:16:48.7±1.8, 13.58N, 91.24W, h10km, ML4.8, Presumed earthquake

CATAC 11 02:16:49.1±0.4, 14.2°N, 91.1W, h20km, 3km, M5.2/42, ML5.2/42, Error ellipse: s-maj=4.9km s-min=2.1km az=39.0, confirmed

NEIC 11 02:16:50.8±2.8, 13.60N, 0.06°E, 91.27W, 0.06, h35km, 1km, mb4.9/437, Error ellipse: s-maj=12.3km s-min=8.0km az=222.0

ISC 11 02:16:48.3±1.2, 13.58N, 0.04°E, 91.31W, 0.04, h28km, 8km, n700, e142/534, mb4.8/197, MS4.4/25, Near coast of Guatemala

Main table listing station names, azimuths, phase IDs, times, and residuals for various seismic stations.

Main table listing station names, azimuths, phase IDs, times, and residuals for various seismic stations.

11d 2h

Table with 7 columns: ID, Name, Elevation, Slope, Aspect, Date, and Change. Includes entries like INK Inuvik, RES Resolute Bay, EYAK Cordova Ski Ar, etc.

2020 JAN

Table with 7 columns: ID, Name, Elevation, Slope, Aspect, Date, and Change. Includes entries like CHIR Chirikof Island, G24K Hadweenciz Riv, E25K Arctic Village, etc.

720

Table with 7 columns: ID, Name, Elevation, Slope, Aspect, Date, and Change. Includes entries like B21K Ikpikpuk River, E19K Redstone River, F19K Shalereck Mo, etc.

YUK8	Steele Glacier	66.29 330	P	P	02 39 09.4 -0.8
G29M	Pine Creek	66.32 336	I	Amb	02 39 11.3
G29M	Pine Creek	66.32 336	P	P	02 39 09.2 -0.8
H29M	Whitestone	66.34 335	I	Amb	02 39 11.7
H29M	Whitestone	66.34 335	P	P	02 39 09.6 -0.5
P1NM	Pinnacle	66.41 328	P	P	02 39 10.5 -0.2
O28M	Mount Upton	66.44 329	P	P	02 39 10.4 -0.8
DAWY	Dawson	66.45 333	P	P	02 39 10.6 -0.3
E29M	Blow River	66.55 338	I	Amb	02 39 12.4
E29M	Blow River	66.55 338	P	P	02 39 10.5 -0.9
YUK3	Moose Creek	66.67 330	P	P	02 39 11.7 -0.8
I28M	Miner Creek	66.86 334	P	P	02 39 13.3 -0.3
BVCY	Beaver Creek	66.92 331	P	P	02 39 13.7 -0.3
CTG	China Glacier	67.02 329	P	P	02 39 14.4 -0.3
D28M	Stokes Point	67.02 338	P	P	02 39 14.3 -0.1
F28M	Old Crow	67.15 337	I	Amb	02 39 16.5
F28M	Old Crow	67.15 337	P	P	02 39 14.7 -0.6
E28M	Babbage River	67.18 338	I	Amb	02 39 15.9
E28M	Babbage River	67.18 338	P	P	02 39 14.4 -1.0
MESA	MESA	67.26 328	P	P	02 39 15.4 -1.0
M27K	Edge Creek, AK	67.39 331	I	Amb	02 39 19.2
M27K	Edge Creek, AK	67.39 331	P	P	02 39 16.3 -0.7
BCAR	Beaver Creek A	67.40 332	P	P	02 39 18.1 +1.1
L27K	Beaver Creek	67.42 332	P	P	02 39 15.9 -0.3
I27K	Kandik River	67.58 334	P	P	02 39 17.7 -0.4
H27K	Steamboat Moun	67.61 335	P	P	02 39 16.8 -1.5
G27K	Doyon Strip	67.73 336	I	Amb	02 39 20.1
G27K	Doyon Strip	67.73 336	P	P	02 39 18.2 -0.8
TUE	Stuetta	67.76 46	I	Amb	02 39 23.9
D27M	Malcolm River	67.79 338	I	Amb	02 39 20.5
D27M	Malcolm River	67.79 338	P	P	02 39 18.3 -1.1
CRQE	Cirque	67.86 329	P	P	02 39 19.4 -0.6
MCARA	McCarthy VSAT	67.86 330	P	P	02 39 19.7 -0.1
E27K	Coleen River	67.87 337	I	Amb	02 39 20.9
E27K	Coleen River	67.87 337	P	P	02 39 19.2 -0.6
M26K	Nabesna, AK	67.91 331	I	Amb	02 39 22.2
M26K	Nabesna, AK	67.91 331	P	P	02 39 19.6 -0.6
BGLC	Bering Glacier	67.93 328	P	P	02 39 20.7 +0.5
DAVA	Damuels	68.08 46	i	pP	02 39 22.8 -1.4
L26K	Log Cabin Wild	68.11 331	P	P	02 39 21.5 +0.1
J26L	Joseph Creek	68.30 333	I	Amb	02 39 25.7
J26L	Joseph Creek	68.30 333	P	P	02 39 21.8 -0.9
FUORN	Ofenpass-Fuorn	68.38 46	I	Amb	02 39 27.0
SCRK	Sand Creek	68.45 332	P	P	02 39 24.9 +1.2
SCRK	Sand Creek	68.45 332	P	P	02 39 22.5 -1.2
KAIM	Kayak Island	68.49 328	P	P	02 39 23.3 -0.5
G26K	Porcupine Rive	68.58 336	P	P	02 39 24.1 -0.2
BMRM	Bremner River	68.61 329	P	P	02 39 24.1 -0.6
RETA	Reutte	68.67 45	eP	P	02 39 26.2 +0.9
FETA	Feichten	68.68 46	eP	pP	02 39 26.7 -1.2
KEST	Kesra	68.70 58	P	P	02 39 26.5 +0.8
KEST	Kesra	68.70 58	I	Amb	02 39 28.9
KEST	Kesra	68.70 58	I	Amb	02 39 28.9
NB2	NORSAR	68.70 31	P	P	02 39 26.3 +1.1
NOA	NORSAR Array B	68.70 31	P	P	02 39 25.9 +0.7
F26K	Sheenjek River	68.78 336	I	Amb	02 39 28.1
F26K	Sheenjek River	68.78 336	P	P	02 39 25.2 -0.4
C27K	Jago River	68.80 339	I	Amb	02 39 27.1
C27K	Jago River	68.80 339	P	P	02 39 24.8 -0.8
RIDG	Independent Ri	68.82 332	P	P	02 39 25.5 -0.4
MOTA	Moosalm	68.91 45	eP	P	02 39 27.8 +0.9
HARP	HAARP	68.91 331	P	P	02 39 26.2 -0.3
BMAR	Burnt Mountain	68.93 336	P	P	02 39 27.1 +0.6
SQTA	Sankt Quirin	68.99 46	eP	pP	02 39 28.4 -1.5
PAX	Paxso	69.08 331	P	P	02 39 26.6 -0.9
J25K	Salcha River	69.09 333	I	Amb	02 39 29.0
J25K	Salcha River	69.09 333	P	P	02 39 26.8 -0.8
EYAK	Cordova Ski Ar	69.16 329	P	P	02 39 27.6 -0.3
DIV	Divide	69.18 329	I	Amb	02 39 31.4
WATA	Walderalm	69.23 45	eP	P	02 39 29.2 +0.3
K24K	Donnelly Dome	69.24 332	P	P	02 39 28.2 -0.3
C26K	Camden Bay	69.24 339	P	P	02 39 27.4 -0.9
KLU	Klutina	69.26 330	P	P	02 39 28.6 -1.2
WTTA	Wattenberg	69.28 46	i	pP	02 39 30.1 +0.9
F25K	Christian River	69.34 336	I	Amb	02 39 31.1
F25K	Christian River	69.34 336	P	P	02 39 28.9 -0.2
E25K	Arctic Village	69.35 337	I	Amb	02 39 30.7
E25K	Arctic Village	69.35 337	P	P	02 39 29.2 +0.1
CTI	Castel Tesino	69.38 47	P	P	02 39 28.6 -1.2
CTI	Castel Tesino	69.38 47	I	Amb	02 41 30.2
M24K	Tolsona, Glenn	69.38 330	P	P	02 39 29.1 -0.3
Q23K	Middleton Isla	69.47 328	P	P	02 39 29.5 -0.4
G25K	Beerman Lake	69.48 335	P	P	02 39 29.7 -0.2
D25K	Kavik River	69.71 338	I	Amb	02 39 32.6
D25K	Kavik River	69.71 338	P	P	02 39 31.1 -0.2
IL31		69.74 333	I	Amb	02 39 32.7

ILAR	Eielson Array	69.74 333	P	P	02 39 31.6 +0.1
ILAR	Eielson Array	69.74 333	I	Amb	02 39 25.8
HDA	Harding Lake	69.77 333	I	Amb	02 39 35.2
HDA	Harding Lake	69.77 333	P	P	02 39 31.2 -0.5
GLI	Glacier Island	69.83 329	P	P	02 39 31.9 -0.2
CLL	Collim	69.89 41	P	P	02 39 32.8 +0.1
CLL	Collim	69.89 41	eP	P	02 39 33.0 +0.3
CLL	Collim	69.89 41	AMS	AMS	03 01 00.0
CIMO	Cimolais	69.91 46	I	Amb	02 39 35.8
ABTA	Abfattersbach	69.92 46	i	pP	02 39 33.8 +0.7
ABTA	Abfattersbach	69.92 46	eP	P	02 39 33.8 +0.7
HFS	Hagfors	69.92 32	P	P	02 39 33.4 +0.7
SCM	Sheep Creek Mo	69.93 30	P	P	02 39 31.9 -0.9
DHY	Denali Highway	69.94 331	I	Amb	02 39 41.0
DHY	Denali Highway	69.94 331	P	P	02 39 32.1 -0.9
LESA	Schwarzleotal	69.97 45	eP	P	02 39 34.0 +0.6
POKR	Poker Plat Res	69.98 334	P	P	02 39 32.2 -0.8
P23K	Montague Islan	69.99 328	P	P	02 39 32.9 -0.3
G24K	Hadweenc Riv	70.03 335	P	P	02 39 33.1 -0.2
WAT6	Susitna Watana	70.11 331	P	P	02 39 33.5 -0.6
M23K	Glacier View	70.12 330	P	P	02 39 33.9 -0.1
CCB	Cle Creek Bu	70.14 333	I	Amb	02 39 34.8
COLA	College	70.16 333	P	P	02 39 35.2 +1.2
COLA	College	70.16 333	P	P	02 39 33.8 -0.2
H24K	Noor Dome	70.17 334	P	P	02 39 33.7 -0.5
F24K	Squaw Lake	70.20 336	P	P	02 39 33.2 -1.2
WRH	Wo River Hill	70.26 333	I	Amb	02 39 36.6
MURB	Monte Urbino	70.27 50	I	Amb	02 39 35.8
CESX	Cesi	70.38 50	P	P	02 39 35.8 -0.1
CESX	Cesi	70.38 50	I	Amb	02 39 37.2
SML	Sawmill	70.41 330	P	P	02 39 35.6 -0.1
KHC	Kasperske Hory	70.42 43	P	P	02 39 35.1 -1.0
KHC	Kasperske Hory	70.42 43	eP	P	02 39 32.7 +1.1
KHC	Kasperske Hory	70.42 43	P	P	02 39 36.8 +0.7
PWL	Port Wells	70.43 329	P	P	02 39 36.1 +0.2
E24K	Your Creek	70.44 337	I	Amb	02 39 37.7
E24K	Your Creek	70.44 337	P	P	02 39 34.7 -1.2
KNK	Knj Glaciers	70.48 330	P	P	02 39 34.7 -1.4
WAT1	Susitna Watana	70.48 331	P	P	02 39 35.4 -0.8
BRG	Berggiesshubel	70.52 42	eP	Amp	02 39 37.5 +1.0
BRG	Berggiesshubel	70.52 42	eP	Amp	02 39 38.5
GEC2	GERESS Array B	70.53 44	I	Amb	02 39 38.3
GERES	GERESS Array B	70.53 44	P	P	02 39 36.9 +0.1
C24K	Franklin Bluff	70.55 339	P	P	02 39 36.0 -0.4
D24K	Happy Valley	70.58 338	I	Amb	02 39 37.8
D24K	Happy Valley	70.58 338	P	P	02 39 35.4 -1.1
B10A	Badtschl, Aus	70.59 45	i	pP	02 39 37.7 +0.5
MCK	McKinley	70.64 332	P	P	02 39 37.2 +0.1
MCK	McKinley	70.64 332	P	P	02 39 36.7 -0.4
NEA2	Nenana	70.68 333	P	P	02 39 36.6 -0.7
MYKA	Terra Mystica	70.70 46	i	pP	02 39 38.4 +0.5
PMR	Palmer	70.79 330	P	P	02 39 36.6 -1.4
I23K	Minto, Yukon-K	70.80 334	P	P	02 39 37.4 -0.5
ZVC	Zwiv	70.80 43	eP	P	02 39 42.2 +3.9
CADS	Cadro	70.81 46	i	pP	02 39 39.2 +0.7
TOLK	Toolik Lake Re	70.85 337	P	P	02 39 37.7 -0.6
E23K	Chandalar	70.86 337	P	P	02 39 37.7 -0.8
PRU	Prunhonce	70.97 42	eP	P	02 39 40.7 +1.4
MOA	Molin	71.00 45	eP	P	02 39 38.8 -0.8
SEW	Seward	71.02 328	P	P	02 39 40.5 +1.2
SEW	Seward	71.02 328	P	P	02 39 38.8 -0.6
G23K	Bananza Creek	71.04 335	P	P	02 39 38.9 -0.6
COLD	Coldfoot	71.10 336	I	Amb	02 39 41.8
COLD	Coldfoot	71.10 336	P	P	02 39 39.0 -0.8
RC01	Rabbit Creek A	71.11 329	P	P	02 39 40.0 +0.1
SPITS	Spitsbergen A	71.19 12	P	P	02 39 41.5 +1.3
C23K	Iklikik River	71.21 339	P	P	02 39 39.2 -1.2
D23K	Nanushuk River	71.25 338	I	Amb	02 39 42.6
D23K	Nanushuk River	71.25 338	P	P	02 39 39.7 -1.0
TRF	Thorfare Moun	71.25 332	P	P	02 39 40.2 -0.8
M22K	Willow	71.26 330	P	P	02 39 39.8 -1.0
CUT	Chulitna	71.29 331	P	P	02 39 40.4 -0.6
OBKA	Obir	71.34 46	eP	P	02 39 41.8 +0.1
CEY	Cetkica	71.34 47	i	pP	02 39 42.9 +1.2
LJUJ	Ljubljana	71.38 47	eP	P	02 39 43.2 +1.3
MLY	Manley	71.38 334	I	Amb	02 39 42.9
MLY	Manley	71.38 334	P	P	02 39 40.6 -1.0
L22K	Petersville	71.52 331	I	Amb	02 39 45.8
BPWA	Bear Paw Mtn.	71.53 333	P	P	02 39 41.3 -1.2
SUA	Susitna One	71.57 330	P	P	02 39 42.1 -0.8
H22K	Ishtaliitna Cre	71.61 334	P	P	02 39 42.4 -0.5
SOKA	Soboth	71.65 46	eP	P	02 39 43.6 0.0
BRSE	Bradley Lake S	71.69 328	P	P	02 39 42.3 -1.1
CAPN	Captain Cook N	71.82 329	P	P	02 39 43.1 -1.0
UPC	Upe	71.86 42	eP	P	02 39 46.1 +1.4
CHVC	Chvalec	71.88 42	eP	P	02 39 46.0 +1.2
I21K	Tanana	71.90 334	P	P	02 39 44.6 0.0
SKT	Skwentna	71.91 330	I	Amb	02 39 46.2
SKT	Skwentna	71.91 330	P	P	02 39 44.8 -0.1

ARSA	Arzberg	71.91 45	eP	P	02 39 44.6 -0.5
D22K	Ayikyak River	71.97 338	I	Amb	02 39 46.6
D22K	Ayikyak River	71.97 338	P	P	02 39 44.3 -0.8
OSTC	Ostas	71.98 42	eP	P	02 39 46.6 +1.3
CONA	Conrad Observa	72.06 45	eP	P	02 39 46.8 +0.6
DPC	Dobruska-Polom	72.08 42	eP	P	02 39 47.2 +1.2
DPC	Dobruska-Polom	72.08 42	eP	P	02 39 46.8 +0.8
STLK	Strandline Lak	72.09 330	I	Amb	02 39 49.5
CHUM	Lake Minchumin	72.13 332	P	P	02 39 45.2 -0.8
HOM	Homer	72.15 328	P	P	02 39 45.5 -0.7
PPLA	Purkeypile	72.15 331	P	P	02 39 45.7 -0.7
B22K	Teshekup Lake	72.16 339	P	P	02 39 44.8 -1.3
H21K	Melozitna Rive	72.21 334	P	P	02 39 45.7 -0.8
SPU	Mount Spurr	72.22 330	I	Amb	02 39 48.6
KRUC	Moravsky	72.27 43	eP	P	02 39 48.0 +0.8
SPCR	Spurr Chakacha	72.30 330	P	P	02 39 46.8 -0.4
VRAC	Vranov	72.37 43	i	pP	02 39 48.6 +0.8
F21K	Alatina River	72.38 336	P	P	02 39 46.0 -1.5
RONA	Rosalia, Austr	72.38 45	eP	P	02 39 48.0 +0.1
G21K	Allakaket	72.44 335	P	P</	

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Esperanza - Ma, Puerto Rico Se, Guaynabo City, etc.

RSPR 11 02:56:39.4, 17:97N-66:78W, h5km
NEIC 11 02:56:39.1-1.0, 17.95N-0:03:66.761W-0:007,
h10km, 1km, M2.7/26, ML2.7(RSPR), 9C-3D, Error ellipse:
s-maj=5.1km, s-min=2.6km, az=170.0, Puerto Rico
region

Main table for Puerto Rico region with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Guanica, Bosqu, Obispo Ponce, etc.

IDC 11 03:02:52.8-0.8, 12:26N-143:18E, h0km, mb3.8/11,
mbmp3.8/11, MS3.0/3, Error ellipse: s-maj=27.8km,
s-min=16.5km, az=110.0
NEIC 11 03:02:55.4-2.1, 12:30N-0:08:143:88E-0:10, h10km, 1km,
mb4.6/12, Error ellipse: s-maj=17.5km, s-min=11.7km,
az=125.0

Table for South of Mariana Islands with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Guam, Saipan, etc.

Main table for Puerto Rico region (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAJO Matushiro, SOEI Soe, etc.

SKO 11 03:05:59.8, 40:82N-20:78E, h12km, ML2.9
THE 11 03:05:59.1, 41:1N-1:2:1E, h0km, 1km, ML2.8/13,
MLh2.8/13
TIR 11 03:05:59.2, 40:84N-20:87E, h4km, 2km, ML3.0/8
PDG 11 03:05:59.6-0.5, 40:85N-20:82E, h3km, 1km, ML3.0/11,
Error ellipse: s-maj=0.7km, s-min=1.3km, az=0.0
ATH 11 03:06:00.6, 40:87N-20:85E, h6km, 2km, ML2.8/25,
Manual Solution by G. Panopoulou First location:
2020/01/11 03:07:23, This location: 2020/01/11 11:18:21
ML Amplitudes are expressed in micrometers, All
distances are expressed in degrees Latitude uncertainty: 1
km, Longitude uncertainty: 1 km

Main table for Greece-Albania border region with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Korca, Laimos Florina, etc.

Main table for Greece-Albania border region (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like THE Thessaloniki, THE Thessaloniki, etc.

TIR 11 03:12:09.4, 42:1N-5:19E, h10km, M2.5/11, MLh2.5/11
TIR 11 03:12:09.5, 41:61N-19:54E, h28km, 2km, ML2.6/7
PDG 11 03:12:09.7-0.1, 41:64N-19:60E, h9km, ML2.4/11, Error
ellipse: s-maj=0.1km, s-min=0.5km, az=0.0
BEO 11 03:12:10.1-0.4, 41:60N-19:58E, h8km, 2km, ML2.2/11
ISC 11 03:12:09.3-1.0, 41:60N-0:02:19:58E-0:02, h6km, 2km,
n62, -0:87/107, 13C-12Z, Albania

Main table for Albania region with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TIR Tirane, ULC Ulcinj, etc.

Table with columns: Station, Name, Az, El, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: SMTB, Station, Name, Az, El, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: BCAR, Station, Name, Az, El, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

OMAN 11 04:16:53.0-2.0, 20'42N-58'64E, h12km,1km, m3.5/14, Error ellipse: s-maj=2.2km s-min=0.8km az=289.0, Eastern Arabian Peninsula

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Phase ID, Time Res, and other details for specific stations.

PTWC 11 04:05:56, 18'00N-66'80W, M3.8/9, NEIC 11 04:05:57.9, 0.18, 04N.0L:01:66:793W:0.009, h10km,1km, ML3.5/24, Error ellipse: s-maj=2.0km s-min=1.6km az=161.0

ISC 11 04:20:55.3+1.1, 17.99N:0.07:66.80W:0.04, h29km,6km, n24, 0:49/28, Puerto Rico region

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Phase ID, Time Res, and other details for specific stations.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Devils Point, Saratou, Saratou, etc.

NOU 11 06:01:45.2,24:21S:179:90W,h533km,mb4.9/37, South of Fiji Islands

IDC 11 06:01:45.2,0.4,24:14S:179:86E,h515km,4km,mb4.0/16, mbmp4.9/19, Error ellipse: s-maj=10.6km s-min=9.3km az=93.0

NEIC 11 06:01:46.5,1.2,24:2S:0.1:179:8E:0.1,h521km,9km, mb4.8/67, Error ellipse: s-maj=17.3km s-min=15.7km az=153.0

GCMT 11 06:01:47.5,0.4,24:46S:0:04:179:79E:0:04,h530km,2km, MW5:2/63, Moment Tensor Solution, s63,75; Duration: 1s0

Moment tensor: Scale 10^19Nm; M1:5.6E+27; M2:4.4E+27; M3:1.9E+28; M4:4.0E+27; M5:0.6E+28; M6:5.4E+27; M7:5.4E+27; M8:5.4E+27; M9:5.4E+27

ISC 11 06:01:45.7,0.3,24:26S:0:04:179:85E:0:05,h523km,3km, h524km:pp-P,n344,r155/426,mb4.7/60,31C-21D, South of Fiji Islands

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Raoul Island, Green Lake, Nonsavu, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Timaru, Tingo Renbel, Mavora Lakes, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Sutter Butte, Hayfork Bally, Pinyon Flats, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PB16 IPOC Station P, MACC Macarena, Meta, GARC Garzon, Huila, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR 0.2nm, 0.3s, etc.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AGUA GUANDACOL, ACVD Cuesta del Vie, AROD Rodero, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like QSPA South Pole Qui, TXAR Lajitas Array, DBIC Dimbokro, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AFAD 11 06:34:30.5, GAZK Gazikoy-TEKIRD, SART Kirtidag, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BLKS Balikesir-Sus, VIZE Kirtkareli, Vi, BALLY Baly, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BKI Bering, SHEM Shemya Is, Ala, SHEM Shemya Is, Ala, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SHEM Shemya Is, Ala, SMY Shemya, KBTR Krutoberegovo, etc.

IDC 11 06:24:09.6, 1.2, 25.31N, 96.58E, h0km, mb3.5/5, s-min=16.4km az=68.0

ISC 11 06:24:13.2, 1.1, 25.3N, 02.966E, 0.4, h25km, n6, az=79/6, mb3.7/5, 13.2m, 1.1

IDC 11 06:35:09.8, 0.6, 54.47N, 168.97E, h0km, mb4.0/29, mbtmp4.1/33, ML3.7/4, MS3.5/14, Error ellipse: s-maj=17.3km s-min=11.3km az=175.0

NEIC 11 06:35:10.8, 1.3, 54.2N, 0.1, 169.0E, 0.1, h10km, 1km, mb4.4/22, Error ellipse: s-maj=19.1km s-min=11.0km az=184.0

KRSC 11 06:35:10.9, 1.2, 54.15N, 168.86E, h60km, 30km, M4.7, MOS 11 06:35:13.0, 0.9, 54.19N, 168.81E, h49km, mb4.4/11, Error ellipse: s-maj=27.0km s-min=5.3km az=27.5

ISC 11 06:35:12.4, 0.4, 54.25N, 0.06, 169.00E, 0.04, h20km, n198, 1s22/195, mb4.2/53, MS3.6/15, AC-10D, Komandorsky Islands region

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Col San Antoni, Loma Pena Alta, BANI, etc.

MEX 11 07:15:15.3±0.5, 14.63N±0.92±67W, h65km, 16km, MD3.8 GCG 11 07:15:15.4±0.3, 15.21N±0.92±40W, h75km, 14km, MD3.5, Presumed earthquake

ISC 11 07:15:11.5±1.1, 19.1438N±0.1±92.56W±0.10, h90km±15km, n12, ±1849/23, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SMCA, PATR, CHUJ, PAVE, etc.

ASRS 11 07:15:16.0±1.5, 49.63N±81.64E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022

ISC 11 07:15:15.1±1.2, 49.83N±0.05±82.11E±0.08, h0km, n7, ±0579/8, 8C, Eastern Kazakhstan

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

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

ISC 11 07:25:27.4±1.4, 17.99N±66.89W, h0km, mb3.6/5, mbmp3.7/6, ML2.8/1, MS3.0/2, Error ellipse: s-maj=33.5km s-min=9.2km az=180.0

SDD 11 07:25:28.9±1.8, 17.86N±66.78W, h20km±13km, MD3.5, ML3.9, MW4.1, Presumed earthquake

PTWC 11 07:25:28.1790N±66.80W, h10km, MI4.0/13 NEIC 11 07:25:28.1786N±66.80W, h14km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, Mr0.23;

NEIC 11 07:25:28.1786N±66.80W, h14km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm, Mr0.23; Mw0.53; Ms0-0.76; Mn0-0.40; Mw0.69; Mw0.19; Fault plane solution: M1: 0600x1015 NPF1±18.0000°;

NEIC 11 07:25:28.8±1.4, 17.87N±0.03±66.799W±0.008, h10km±1km, ML4.2/31, Mw3.9/22, MD3.8/5(RSPR), Mw4.0/13(SLM) Error ellipse: s-maj=5.0km s-min=2.9km az=350.0, Moment Tensor Solution. Moment tensor:

NEIC 11 07:25:30.0, 17.93N±66.83W, h10km±1km, MD3.8/5 RSPR 11 07:25:30.0, 17.93N±66.83W, h10km±1km, MD3.8/5 ISC 11 07:25:29.0±0.8, 17.88N±0.04±66.81W±0.02, h16km±5km, n67, ±0578/5, mb3.7/5, 20C-4D, Puerto Rico region

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

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

ISC 11 07:27:31.1, 40.70N±27.42E, h13km, ML0.9/7, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GAZK, MRMT, RKY, etc.

Table with columns: DEMI, Demirci, 0.61 134, P, Pg, 07 28 38.6, +0.4, S, Sg, 07 28 46.7, +0.6, ATIT, Gnen, 0.76 323, P, P, 07 28 41.0, +0.1, BAND, Balkesir-Ban, 0.88 357, P, S, 07 28 44.5, +0.5, BAND, comp=N,10nm,0.6s, IAML, 07 29 02.0, BAND, comp=N,12m,0.9s, IAML, 07 29 10.0, EMET, Khatya-Emet, 0.91 96, P, Pn, 07 28 45.9, +0.3, EMET, comp=E,12m,0.5s, IAML, 07 29 05.0, EMET, comp=N,11nm,0.4s, IAML, 07 29 06.0, ULDT, Uludag, 1.01 48, P, S, 07 28 46.4, +0.2, ULDT, S, Sg, 07 29 00.1, +0.3, GDZ, Gediz, 1.10 110, P, S, 07 28 47.8, 0.0, GDZ, S, Sg, 07 29 02.8, +0.5, AVDN, Avdancik/Bursa, 1.13 43, P, P, 07 28 48.0, 0.0, AVDN, S, Sg, 07 29 01.5, -1.1, DOMA, Khatya-Doman, 1.23 75, P, Pn, 07 28 50.9, +0.9, DOMA, comp=N,11nm,0.7s, IAML, 07 29 15.0

IDC 11 07:28:39.9, 1.0, 17.96N, 66.89W, h0km, mb3.6/8, mbtm3.6/9, ML2.5/1, Error ellipse: s-maj=24.7km s-min=9.6km az=177.0

NEIC 11 07:28:41.7, 1.3, 17.90N, 0.02, 66.81W, 0.01, h10km, 1km, mb4.2/14, ML4.2/29, MR3.9/17, ML3.7(25)PQ, Mw3.9(11)(SLM), Error ellipse: s-maj=3.2km s-min=2.9km az=157.0, Moment Tensor Solution... Scale 10^14Nm: Mr=2.18; Mw=7.24; Mo=5.06; Mo=0.58; Mw=5.18; Mw=0.69; Fault plane solution: M8.310000^10^14 NP1: 205.300000, 881.950000, -174.140000... Azm70.00000, Azm259.00000; P -7.1050, Plg10.00000, Azm70.00000

NEIC 11 07:28:41, 17.87N, 66.81W, h15km, Moment Tensor Solution... Moment tensor: Scale 10^14Nm: Mr=1.34; Mw=5.31; Mw=6.65; Mw=2.71; Mw=4.23; Mw=1.50; Fault plane solution: M8.040000^10^14 NP1: 205.000000, 876.000000, -159.000000... Azm341.00000, N 0.0002, Plg65.00000, Azm172.00000; P -8.0372, Plg4.00000, Azm73.00000

PTWC 11 07:28:41, 17.90N, 66.80W, h11km, M1.4/14, NEIC 11 07:28:42.4, 17.94N, 66.82W, h8km RSPR 11 07:28:42.4, 17.94N, 66.82W, h9km

SDD 11 07:28:44.5, 2.1, 18.06N, 66.93W, h15km, 17km, MD3.6, ML3.3, MW4.0, Presumed earthquake

ISC 11 07:28:41.9, 0.7, 17.90N, 0.04, 66.82W, 0.02, h17km, 4km, n78, r123/104, mb3.9/14, 12C-8D, Puerto Rico region

Main station data table with columns: Code, Station Name, A° AZ', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like GBPR, Guanica, Bosqu, 0.10 324, Sg, P, 07 28 44.8, -0.6, etc.

Table with columns: HIDR, comp=N, 883nm, 0.7s, IAML, 07 29 44.0, MIDR, Miches, 2.38 297, eP, P, 07 29 24.1, -0.2, MIDR, 07 29 24.6, -2.9, DR12, Loma Pena Alta, 2.59 290, P, Pn, 07 29 24.7, +1.6, HATOM, Hato Mayor del, 2.59 290, eP, Pn, 07 29 26.6, -1.3, SDD, Santo Domingo, 3.00 281, Pn, Pn, 07 29 29.2, +0.6, SDD, comp=E, 555nm, 1.1s, IAML, 07 30 25.1, SDD, comp=N, 687nm, 1.1s, IAML, 07 30 29.9, SABA, Saba, 3.42 94, Pn, Pn, 07 29 35.3, +0.8, SEUS, St. Eustatius, 3.68 96, Pn, Pn, 07 29 38.6, +0.6, SC01, Santiago de lo, 4.01 293, Pn, Pn, 07 29 45.6, +4.0, SDR, Presa de Saban, 4.38 285, Pn, Pn, 07 29 51.4, +3.7, CBE, Ft. Capester, 5.31 109, Pn, Pn, 07 30 01.8, +1.4, BIM, Bigot, 6.46 120, Pn, Pn, 07 30 16.7, +0.3, SDV, Santo Domingo, 9.69 203, Pn, Pn, 07 31 01.8, +1.0, SDV, comp=N, 4nm, 0.3s, baz=34, slow=22, SNR=1.9, IAML, 07 32 43.4, -6.1

Table with columns: SDV, baz=328, slow=16, comp=N, 1.9nm, 0.3s, IAML, 07 31 01.1, +0.3, SDV, Santo Domingo, 9.69 203, Pn, Pn, 07 31 01.1, +0.3, 656A, Willston, 18.36 311, P, P, 07 32 56.0, +0.3, 657A, Skidaway Island, 19.01 320, P, P, 07 33 03.2, +0.3, JSC, Jenkinsville, 20.80 324, P, P, 07 33 23.6, +1.2, V58A, Windy Hill, Pi, 20.90 331, P, Pn, 07 33 24.9, -1.1, HODGE, comp=N, 2.9, 8nm, 0.9s, IAMB, 07 33 33.7, GOGA, Gogfrey, 21.49 319, P, P, 07 33 30.9, +1.0, T57A, Hurt, 21.96 333, P, P, 07 33 36.0, +1.2, V55A, Taylorsville, 21.97 327, P, P, 07 33 36.0, +1.0, V53A, Saluda, 22.69 324, P, P, 07 33 43.8, +1.0, S54A, Dingess, Beckl, 23.55 330, P, P, 07 33 53.2, +1.7, TXAR, Lajitas Array, 35.49 296, P, P, 07 35 38.0, 0.0

Table with columns: TXAR, Lajitas Array, 35.49 296, P, P, 07 35 38.0, 0.0, ECSD, EJOS Data Cent, 35.96 322, P, P, 07 35 42.4, +0.6, ULM, Lac du Bonnet, 39.78 331, P, P, 07 36 12.9, -0.9, PV12, Saucer Basin, 41.81 308, P, P, 07 36 33.5, +2.4, CPUP, Villa Florida, 44.92 168, P, P, 07 36 56.5, +0.6, NVAR, Mina Array Bea, 49.10 306, P, P, 07 37 29.8, +1.0, YKA, Yellowknife Ar, 55.42 335, P, P, 07 38 15.4, +0.3, ESCD, Sonseca Array, 58.03 54, P, P, 07 38 35.3, +1.2, ILAR, Eisen Array, 69.74 333, P, P, 07 39 50.5, -0.3

IDC 11 07:34:23.4, 4.7, 34.32N, 24.41E, h0km, mb4.1/5, mbtm3.8/8, ML3.5/3, MS3.6/11, Error ellipse: s-maj=85.7km s-min=21.5km az=29.0

ATH 11 07:34:31.9, 34.52N, 24.43E, h2km, 5km, ML2.76, Manual Solution by M.Kolligri First location: 2020/01/11 07:36:21, This location: 2020/01/11 13:15:05 ML Amplitudes are expressed in micrometers. All distances are expressed in degrees Latitude uncertainty: 5 km; Longitude uncertainty: 1 km

AFAD 11 07:34:33.0, 34.78N, 25.06E, h7km, 4km, ML2.7, ISC 11 07:34:26.9, 1.5, 34.2N, 0.1, 24.54E, 0.05, h30km, n36, e232/45, mb4.0/5, Crete

Main station data table with columns: Code, Station Name, A° AZ', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like GVD, Gavdhos, 0.76 330, P, P, 07 34 41.1, -0.5, GVD, Gavdhos, 0.76 330, P, P, 07 34 40.9, -0.6, GVD, Anoyia, 1.14 14, P, S, 07 34 46.9, -4.7, IDI, Anoyia, 1.14 14, P, P, 07 34 48.3, +0.2, YAM, Vamios, 1.25 347, P, P, 07 34 49.3, +0.9, IMMV, Iera Moni Meta, 1.36 340, P, P, 07 34 51.0, +1.2, NPS, Neapolis, 1.39 39, P, P, 07 34 53.8, +1.6, ANKY, Antikythira Is, 1.97 329, P, P, 07 34 59.5, +1.3, SNTS, Nea Kammeni, S, 2.32 17, P, P, 07 35 05.2, +2.4, MIHO, Agia Marina, M, 2.50 357, P, P, 07 35 06.4, +0.9, KARP, Karpathos, 2.55 57, P, P, 07 35 10.7, -1.2, KARP, Karpathos, 2.55 57, P, P, 07 35 10.7, -1.2, VLI, Velia, 2.85 333, P, P, 07 35 11.3, +0.9, YAZI, Mula-Dat§a-, 3.44 43, P, P, 07 35 20.0, +1.6, TURN, Turunc, 3.98 48, P, P, 07 35 26.6, +0.8, IZZE, Mula-Seydike, 4.44 58, P, P, 07 35 34.5, +2.3, SABU, Mula-Dalaman, 4.47 53, P, P, 07 35 35.6, +3.0, SABU, 07 36 23.5, -0.1, SABU, comp=E, 13nm, 0.4s, IAML, 07 36 33.0, AKAS, Kas, 4.62 62, P, Pn, 07 36 36.8, +2.0, AKAS, 07 36 25.6, -1.9, DNZT, Denizli-Tavas-, 4.78 48, P, S, 07 36 38.2, +1.3, DNZT, 07 36 27.5, -3.9, TAVA, Denizli Tavas, 4.83 46, P, S, 07 36 28.9, -3.8, KNIK, Mula-Seydike, 4.89 56, P, P, 07 36 38.0, KNIK, comp=E, 10nm, 0.5s, IAML, 07 36 39.0, GOLH, Golhisar, 5.09 52, P, Pn, 07 35 44.2, +3.0, GOLH, 07 36 36.8, -2.4, GOLH, comp=N, 12nm, 0.4s, IAML, 07 36 47.0, AKUM, Antalya-Kumliuc, 5.20 64, P, Pn, 07 35 44.0, +1.3, MMAI, Mount Meron Ar, 9.13 94, Pn, Pn, 07 36 37.3, +0.6, BRTR, Keskin Array B, 9.14 50, Pn, Pn, 07 36 38.3, +1.5, AKASG, Malin Array Be, 16.86 10, Pn, Pn, 07 38 19.9, -0.6, HFS, Hagfors, 26.92 348, P, P, 07 40 04.7, -0.4, FINES, FINESS Array B, 27.30 2, P, P, 07 40 07.5, -1.0

Table with columns: ARCES, ARCESS Array B, 35.41 1, P, P, 07 41 18.5, -1.2, SPITS, Spitsbergen Ar, 44.24 358, P, P, 07 42 33.2, +0.2, MKAR, Matanchi Array, 44.74 56, P, P, 07 42 39.1, +1.7, LBTB, Lobatse, 58.88 179, LR, LR, 08 10 02.0

SJA 11 07:36:22.1, 0.8, 21.79S, 68.84W, h129km, 4km, ML3.4, MW3.5, GUC 11 07:36:22.6, 0.7, 21.81S, 68.67W, h122km, 5km, ML3.5, VAO 11 07:36:31.6, 0.3, 21.78S, 68.63W, h284km, 27km, mb3.7, Presumed earthquake

ISC 11 07:36:20.6, 0.9, 21.81S, 0.04, 68.75W, 0.09, h139km, 9km, n37, r094/54, 6C, Chile-Bolivia border region

Main station data table with columns: Code, Station Name, A° AZ', Phase ID, Op, ISC, Time, Res, h m s, ISC. Includes stations like PB09, IPOC Station P, 0.46 271, iP, S, 07 36 40.9, +0.2, PB09, IPOC Station P, 0.46 271, iP, S, 07 36 41.1, +0.4, PB09, IPOC Station P, 0.97 255, iP, S, 07 36 44.9, +0.7, PB03, IPOC Station P, 0.97 255, iP, S, 07 37 02.2, 0.0, PB03, IPOC Station P, 0.97 255, iP, S, 07 37 03.5, PB03, IPOC Station P, 0.97 255, iP, S, 07 37 02.9, PB03, IPOC Station P, 1.03 318, iP, S, 07 37 04.9, +1.0, PB01, IPOC Station P, 1.03 318, iP, S, 07 37 02.0, -1.0, PB01, IPOC Station P, 1.03 318, iP, S, 07 37 03.9, PB01, IPOC Station P, 1.03 318, iP, S, 07 36 45.1, +0.4, PB01, IPOC Station P, 1.03 318, iP, S, 07 37 02.6, -0.4, PB07, IPOC Station P, 1.06 274, iP, S, 07 36 45.9, +0.7, PB07, IPOC Station P, 1.06 274, iP, S, 07 37 03.8, +0.1, PB07, IPOC Station P, 1.06 274, iP, S, 07 36 46.0, +0.8, PB07, IPOC Station P, 1.06 274, iP, S, 07 37 03.0, -0.7, PB07, IPOC Station P, 1.18 294, iP, S, 07 37 05.3, PB02, IPOC Station P, 1.18 294, iP, S, 07 36 46.8, +0.7, PB02, IPOC Station P, 1.18 294, iP, S, 07 37 05.3, -0.2, PB02, IPOC Station P, 1.18 294, iP, S, 07 37 06.2, PB02, IPOC Station P, 1.18 294, iP, S, 07 37 04.1, +1.0, PB02, IPOC Station P, 1.18 294, iP, S, 07 37 04.5, -1.0, PB02, IPOC Station P, 1.18 220, iP, S, 07 37 06.3, PB02, IPOC Station P, 1.18 220, iP, S, 07 36 47.0, +0.8, PB06, IPOC Station P, 1.18 220, iP, S, 07 37 05.5, -0.2, PB06, IPOC Station P, 1.18 220, iP, S, 07 37 06.7, PB06, IPOC Station P, 1.18 220, iP, S, 07 36 47.1, +0.9, PB06, IPOC Station P, 1.18 220, iP, S, 07 37 05.3, -0.5, AF01, San Pedro de A, 1.25 155, IAML, 07 37 32.5, PATCX, Punta Patache, 1.64 307, eP, S, 07 36 51.9, +0.9, PATCX, Punta Patache, 1.64 307, eP, S, 07 37 14.5, +0.3, PATCX, Punta Patache, 1.64 307, iP, S, 07 37 17.9, PATCX, Punta Patache, 1.64 307, iP, S, 07 36 51.7, +0.7, PATCX, Punta Patache, 1.64 307, iP, S, 07 37 13.4, -0.8, PATCX, Punta Patache, 1.64 307, iP, S, 07 37 16.9, -0.4, PB08, IPOC Station P, 1.70 347, eP, S, 07 36 53.2, +1.1, PB08, IPOC Station P, 1.70 347, eP, S, 07 37 16.4, +0.4, PB08, IPOC Station P, 1.70 347, eP, S, 07 37 17.6, PB08, IPOC Station P, 1.70 347, iP, S, 07 36 52.9, +0.8, PB08, IPOC Station P, 1.70 347, iP, S, 07 37 16.4, +0.4, PB08, IPOC Station P, 1.70 347, iP, S, 07 37 17.7, PB05, IPOC Station P, 1.70 232, eP, S, 07 36 52.6, +0.8, PB05, IPOC Station P, 1.70 232, eP, S, 07 37 15.2, -0.3, PB05, IPOC Station P, 1.70 232, eP, S, 07 37 21.1, PB05, IPOC Station P, 1.70 232, iP, S, 07 36 52.9, +1.1, PB05, IPOC Station P, 1.70 232, iP, S, 07 37 15.3, -0.3, PB05, IPOC Station P, 1.70 232, iP, S, 07 37 21.1, TA01, Diego Aracena, 1.82 312, iP, S, 07 36 54.3, +1.3, TA01, 07 37 17.5, -0.2, TA01, 07 37 24.9, +0.5, TA02, Hualquiue, 2.00 319, IAML, 07 37 33.1, GO01, Chusmiza, 2.17 349, IAML, 07 37 29.7, PB11, IPOC Station P, 2.21 337, eP, S, 07 36 58.1, +0.3, PB11, IPOC Station P, 2.21 337, iP, S, 07 37 25.5, -0.8, PB11, IPOC Station P, 2.21 337, iP, S, 07 37 28.3, PB11, IPOC Station P, 2.21 337, iP, S, 07 36 58.2, +0.4, PB11, IPOC Station P, 2.21 337, iP, S, 07 37 23.9, -2.5, PB11, IPOC Station P, 2.38 224, eP, S, 07 37 00.5, +0.8, PB10, IPOC Station P, 2.38 224, eP, S, 07 37 27.3, -2.6, GO02, Mina Guanaco, 3.43 193, IAML, 07 37 56.9, AC02, Maricunga, 5.02 184, IAML, 07 38 38.3, AMBA, Amambai (Brazi), 12.78 98, eP, P, 07 39 23.1, +0.1, SALV, Santo Antonio, 13.66 67, eP, P, 07 39 32.9, +0.5, TRCB, Terra Rica, 14.95 87, eP, P, 07 39 48.5, +1.5, PDRB, Porto dos Gas, 15.33 51, eP, P, 07 39 52.3, +1.0, CP5B, Capacava Do Su, 16.18 125, eP, P, 07 40 01.3, +0.6, CLDB, Colider, 16.50 51, eP, P, 07 40 05.1, +0.8, SNDB, Serra Nova Dou, 19.63 62, eP, P, 07 40 35.0, -0.3, IPMB, Ipameri, GO, 19.68 82, eP, P, 07 40 38.8, -0.2, ITTB, Itambura, 21.44 38, eP, P, 07 40 57.5, -0.5, SMTB, Santa Maria do, 24.08 61, eP, P, 07 41 21.0, -2.4, RSPR 11 07:37:19.0, 17.95N, 66.87W, h12km, MD2.4/10, NEIC 11 07:37:18.3, 0.9, 17.90N, 0.04, 66.838W, 0.009, h10km, 1km, ML2.8/25, MD2.4/10 (RSPR), 5C-3D, Error ellipse: s-maj=6.4km s-min=2.8km az=20.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Cabo Rojo, Cerrillos, Las Mesas, etc.

JMA 11 07:45:25.6:0.1, 32.6N:05:131.1E:0.6, h135km±1km, MV2.9/37, NORTHERN MIYAZAKI PREF

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Kitakata, Izumi3, Hyugahichiya, etc.

NNC 11 08:00:41.6:3.2, 51.67N:75.46E, h0km, mb3.2, mpv2.8, Error ellipse: s-maj=41.1km s-min=21.5km az=27.0,

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

RSPR 11 08:02:45.3: 17.94N:66.92W, h12km, MD2.4/10, NEIC 11 08:02:44.6:1.2, 17.879N:0.009:66.91W:0.01,

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Guanica, Bosqu, Magueyes Islan, etc.

RSPR 11 08:06:18.7: 17.93N:66.91W, h9km, MD2.2/6, NEIC 11 08:06:18.4:1.2, 17.91N:0.02:66.89W:0.009,

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Guanica, Bosqu, Magueyes Islan, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Cabo Rojo, Obispo Ponce, Las Mesas, etc.

IDC 11 08:04:42.4:3.8, 33.23N:73.55E, h0km, mb3.8/5, mbmp3.7/8, ML3.2/3, Error ellipse: s-maj=70.7km

NDI 11 08:04:45.4:1.4, 32.72N:73.40E, h80km, ML4.3, MW4.0, ISC 11 08:04:43.7:0.9, 33.07N:0.06:73.75E:0.07, h15km, n18,

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Thein Dam, Talawar, DHARAMSHALA, etc.

IDC 11 08:13:49.7:1.8, 1.06N:125.15E, h0km, mb3.3/4, mbmp3.4/4, Error ellipse: s-maj=209.2km

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Warramunga Arr, Alce Springs, Makanchi Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Guanica, Bosqu, Magueyes Islan, Cabo Rojo, etc.

RSPR 11 08:15:34.4: 17.97N:66.88W, h11km, NEIC 11 08:15:34.0:1.5, 17.94N:0.03:66.85W:0.01, h10km±1km,

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Guanica, Bosqu, Magueyes Islan, Cabo Rojo, etc.

RSPR 11 08:15:34.4: 17.97N:66.88W, h11km, NEIC 11 08:15:34.0:1.5, 17.94N:0.03:66.85W:0.01, h10km±1km,

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Guanica, Bosqu, Magueyes Islan, Cabo Rojo, etc.

Table with columns: PRSN, Station Name, Time, Res, etc. Includes entries for Puerto Rico Se, Esperanza - Ma, San Juan, etc.

NEIC 11 08:16:18.9±1.6, 17.91N±0.03, 66.910W±0.006, h10km±1km, ML2.8/2.6, Error ellipse: s-maj=4.4km s-min=2.5km az=353.0, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for GBPR, CRPR, CELP, PRSN, UUPR, etc.

IDC 11 08:22:55.7±1.7, 2.01N, 125.62E, h0km, mb3.5/4, mbtmp3.5/4, Error ellipse: s-maj=184.2km s-min=21.7km az=65.0, Talaud Islands

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for WRA, ASAR, MKAR, KURBB, etc.

SOME 11 08:39:17.7, 49°50'N, 76°23'E, h25km, NNC 11 08:39:20.0±7.3, 50°12'N, 76°14'E, h0km, mb3.1, mpv2.8, Error ellipse: s-maj=65.5km s-min=33.4km az=127.0, Suspected Mining explosion.

IDC 11 08:39:21.6±1.0, 50°16'N, 76°29'E, h0km, mbtmp3.0/3, ML2.5/2, Error ellipse: s-maj=14.9km s-min=8.2km az=29.0

ISC 11 08:39:20.0±0.8, 50°15'N, 0°05', 76°23'E, h0km, n14, 149/23, 5C-8D, Eastern Kazakhstan

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for KURBB, KURK, BRZS, SEM, etc.

Table with columns: BVAR, MAKZ, MK31, MKAR, MKAR, BTLS, ZALV, I46RU, AAK, KK31, etc. Includes station names and time/res data.

RSRPR 11 08:40:17.9, 17°82'N, 66°86'W, h6km, MD2.5/10, NEIC 11 08:40:17.1±1.1, 17.78N±0.03, 66.85W±0.01, h10km±2km, ML2.9/2.5, MD2.5/10(RSPR), 5C-4D, Error ellipse: s-maj=4.5km s-min=2.9km az=1.0, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for GBPR, MLPR, CRPR, CELP, etc.

IDC 11 08:52:52.2±2.2, 17°97'N, 66°98'W, h15km±9km, MD3.4, ML3.4, MW4.0, Presumed earthquake

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for WRA, ASAR, MKAR, KURBB, etc.

NEIC 11 08:55:48.0±1.0, 17°95'N, 0°03', 66°78'W, h0.009, h10km±1km, ML3.1/2.7, MD2.8/6(RSPR), Error ellipse: s-maj=5.0km s-min=2.0km az=175.0

RSRPR 11 08:55:48.5±1.7, 98°N, 66°81'W, h13km, MD2.8/6, ISC 11 08:55:48.1±1.1, 17.95N±0.05, 66.81W±0.02, h23km±n34, 0893/46, 7C-3D, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for GBPR, OBIP, MLPR, etc.

IDC 11 08:59:50.2±0.7, 17°90'N, 66°95'W, h0km, mb3.8/12, mbtmp3.9/14, ML3.3/2, MS3.2/1, Error ellipse: s-maj=17.6km s-min=8.8km az=172.0

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for AGPR, SJJG, SJJG, etc.

IDC 11 08:59:51.7±0.7, 17°90'N, 0°03', 66°92'W, h11km, Moment Tensor Solution, Moment tensor: Scale 10^19Nm, M0=0.0, M20=0.0, M30=0.0, M40=0.0, M50=0.0, M60=0.0, M70=0.0, M80=0.0, M90=0.0, M100=0.0, M110=0.0, M120=0.0, M130=0.0, M140=0.0, M150=0.0, M160=0.0, M170=0.0, M180=0.0, M190=0.0, M200=0.0, M210=0.0, M220=0.0, M230=0.0, M240=0.0, M250=0.0, M260=0.0, M270=0.0, M280=0.0, M290=0.0, M300=0.0, M310=0.0, M320=0.0, M330=0.0, M340=0.0, M350=0.0, M360=0.0, M370=0.0, M380=0.0, M390=0.0, M400=0.0, M410=0.0, M420=0.0, M430=0.0, M440=0.0, M450=0.0, M460=0.0, M470=0.0, M480=0.0, M490=0.0, M500=0.0, M510=0.0, M520=0.0, M530=0.0, M540=0.0, M550=0.0, M560=0.0, M570=0.0, M580=0.0, M590=0.0, M600=0.0, M610=0.0, M620=0.0, M630=0.0, M640=0.0, M650=0.0, M660=0.0, M670=0.0, M680=0.0, M690=0.0, M700=0.0, M710=0.0, M720=0.0, M730=0.0, M740=0.0, M750=0.0, M760=0.0, M770=0.0, M780=0.0, M790=0.0, M800=0.0, M810=0.0, M820=0.0, M830=0.0, M840=0.0, M850=0.0, M860=0.0, M870=0.0, M880=0.0, M890=0.0, M900=0.0, M910=0.0, M920=0.0, M930=0.0, M940=0.0, M950=0.0, M960=0.0, M970=0.0, M980=0.0, M990=0.0, M1000=0.0

PTWC 11 08:59:51.7±0.7, 17°90'N, 66°90'W, h10km, M4.2/16, SDD 11 08:59:52.5±2.2, 17°97'N, 66°98'W, h15km±9km, MD3.4, ML3.4, MW4.0, Presumed earthquake

Table with columns: Code, Station Name, Time, Res, etc. Includes entries for GBPR, MLPR, CRPR, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Utuado, Arecibo, Esperanza, and many others.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various codes. Includes stations like Villa Florida, Mina Array, and many others.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Mandailing Nat, MORW, and many others.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like CSS Mathias, KSH2 Kashi, GURO Guromag-BITLI, etc.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like BVAR Borovoye Array, BORK Borovoye, BTO2 Baotou, etc.

Table with columns: Station, Frequency, Mode, Power, and other technical details. Includes stations like CLL Collm, KSAR Korea, ESDC Sonseca Array, etc.

Table with columns: ID, Name, Az, El, Azimuth, Altitude, Date, Time, Status, etc. Rows include D27M Malcom River, L16K Owhat River, M15K Kasigluk River, etc.

Table with columns: ID, Name, Az, El, Azimuth, Altitude, Date, Time, Status, etc. Rows include R17L Mt. Peulik Vol, DHY Denali Highway, I28M Miner Creek, etc.

Table with columns: ID, Name, Az, El, Azimuth, Altitude, Date, Time, Status, etc. Rows include R33M Jennings River, S31K Pelican, Q32M Nakina River, etc.

MOS 11 09:03:17.9,0.9,16:53S:167:53E,h10km,mb5.0/21,Error ellipse: s-maj=1.2km s-min=9.4km az=39.0
BUJ 11 09:03:17.8,16:70S:167:80E,h14km,mb5.2/10,mb4.9/49,Ms4.6/1,Ms7.4/3.5
IDC 11 09:03:17.3,0.5,16:57S:167:78E,h0km,mb4.5/26,mbmp4.5/27,ML4.9/1,MS4.3/36,Error ellipse: s-maj=18.8km s-min=14.2km az=106.0
NOU 11 09:03:19.8,16:72S:167:59E,h0km,mb4.9/38,Vanuatu Islands
NEIC 11 09:03:19.3,0.9,16:62S:0:06:167:68E,0:03,h10km,1km,mb5.1/46,Error ellipse: s-maj=10.1km s-min=5.0km
GCMT 11 09:03:24.3,0.2,16:74S:0:02:167:47E:0:01,h22km,MM5.1/104, Moment Tensor Solution. s76 c99; s104.c150. Duration: 0 Moment tensor: S1016Nm; Mn5.16s;1.16; Mn0.14s;1.11; Mn0.50s;1.11; Mn1.25s;2.21; Mw0.88s;0.8; Mw2.38s;1.7; Best doublet fit: Ms5.81000x1016 NPT0.2400000, s36.00000, lambda15.00000. NP20s175.00000, s58.00000, lambda73.00000. Principal axes: T 6.0140, Plg27.0000, Azm45.0000; N -0.3960, Plg14.0000, Azm183.0000; P -5.6230, Plg12.0000, Azm276.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Az, El, Azimuth, Altitude, Date, Time, Status, etc. Rows include DVP Devils Point, SANVU Sarauoutou, RTV Rentapou, etc.

Table with columns: Station, Name, Time, Az, El, Az El, SNR, and other parameters. Includes stations like KHZ Kahutara, QIS Mout Isa, STKA Stephens Creek, etc.

Table with columns: Station, Name, Time, Az, El, Az El, SNR, and other parameters. Includes stations like YSS ePPS, YSS eSS, YSS pmax, etc.

Table with columns: Station, Name, Time, Az, El, Az El, SNR, and other parameters. Includes stations like YBH Yreka Blue Hor, ZAK Zakamensk, E19K Redstone Rye, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RSPR 11 10:29:45.0, 18.01N, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEIC 11 10:30:44.2, 1.4, 18.03N, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRNET 11 10:34:25.7, 0.1, 43.63N, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 11 10:37:01.4, 6.1, 47.46N, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RSPR 11 11:01:35.7, 17.97N, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RSPR 11 11:01:40.9, 4.1, 6.76N, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 11 11:01:40.9, 4.1, 6.76N, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like VMM05, VMM05, SPBC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 11 10:42:2.2, 3.7, 0.3S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEIC 11 11:06:49.8, 1.1, 17.63S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GO01, GO01, GO01, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Punta Patache, IPOC Station, Maricao, etc.

PTWC 11 11:14:52, 17:90N;66:80W, M4.0/13, PUERTO RICO REGION

RSRP 11 11:14:53.8, 17:93N;66:84W, h8km, 1km, MD3.5/8

NEIC 11 11:14:53.1, 1.1, 17.881N;0.007-66:82W, 0.1, h10km, 2km, ML4.1/28, Mw3.7/11, Md3.5/(RSPR), Mw3.7/6(SLM), Error ellipse: s-maj=3.2km s-min=1.8km az=355.0, Moment Tensor Solution...

NEIC 11 11:14:53.8, 17:93N;66:84W, h7km NEIC 11 11:14:53, 17:89N;66:83W, h12km, Moment Tensor Solution...

Main table for Puerto Rico region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Guanica, Bosqu, Magueyes, etc.

Table with columns: S/JG, comp=N, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Isla Desecheo, Guaynabo, etc.

NEIC 11 11:18:11.5, 0.4, 17.92N;0.03-66:93W, 0.01, h10km, 1km, ML3.6/26, Error ellipse: s-maj=4.3km s-min=2.2km az=186.0

SDD 11 11:18:11.5, 1.2, 17.88N;0.66:93W, h12km, 12km, MD3.5, ML3.5, MW3.8, Presumed earthquake

ISC 11 11:18:11.5, 1.2, 17.90N;0.07-66:93W, 0.03, h10km, 7km, n23, c052/29, 9C-1D, Puerto Rico region

Main table for Puerto Rico region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Guanica, Bosqu, Magueyes, etc.

NEIC 11 11:27:47.1, 0.8, 17.89N;0.04-66:94W, 0.01, h10km, 1km, ML2.9/26, ML2.9/(RSPR), Error ellipse: s-maj=6.1km s-min=2.2km az=9.0

RSRP 11 11:27:47.6, 17:93N;66:94W, h7km SDD 11 11:27:47.1, 0.8, 17.88N;66:94W, h15km, 999km, MD2.5, ML3.0, MW2.9, Presumed earthquake

ISC 11 11:27:47.3, 1.3, 17.90N;0.06-66:92W, 0.02, h9km, 6km, n39, c053/57, 11C-5D, Puerto Rico region

Main table for Puerto Rico region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Guanica, Bosqu, Magueyes, etc.

Table with columns: PRSN, comp=N, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Puerto Rico Se, Utuado, etc.

RSRP 11 11:36:09.2, 17:93N;66:87W, h11km, MD2.7/5 NEIC 11 11:36:09.6, 0.6, 17.96N;0.03-66:87W, 0.009, h10km, 1km, ML2.9/26, MD2.7/(RSPR), 1C-7D, Error ellipse: s-maj=4.5km s-min=1.9km az=181.0, Puerto Rico region

Main table for Puerto Rico region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Guanica, Bosqu, Magueyes, etc.

ISC 11 11:36:33.0, 0.6, 63:33N; 151:53W, h0km, mb4.0/18, mb1m3.9/22, ML3.6/4, MS3.2/4, Error ellipse: s-maj=13.3km s-min=10.7km az=167.0

AEIC 11 11:36:33.9, 1.5, 63:20N;0.02-151:42W, 0.05, h15km, 3km, Error ellipse: s-maj=3.2km s-min=2.8km az=74.0

NEIC 11 11:36:34.1, 1.5, 63:19N;0.02-151:44W, 0.04, h12km, 2km, mb4.1/11, ML4.1/242, Mw3.8/134, ML3.9(AEIC), Error ellipse: s-maj=2.9km s-min=2.4km az=83.0, Moment Tensor Solution...

NEIC 11 11:36:34.2, 63:22N; 151:43W, h12km ISC 11 11:36:34.1, 1.0, 63:20N;0.02-151:43W, 0.02, h12km, 6km, n288, c190/250, mb4.1/24, Central Alaska

Main table for Central Alaska with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kantishna Hill, Purkeypile, etc.

Table with columns for station ID, name, elevation, and other details. Includes stations like PPLA, TRF, L22K, CHUM, BPAW, CUT, RND, RND, RND, K20K, K20K, SKT, SKT, SKT, WAT7, MCK, MCK, MCK, MCK, WAT7, MCK, MCK, MCK, WAT6, GHO, GHO, GHO, L19K, L19K, L19K, SPNN, SPCG, PMR, WRH, SML, SML, I21K, I21K, I21K, SPCN, J19K, J19K, J19K, SPU, CKL, I20K, I23K, I23K, CCB, CCB, CCB, M23K, MDM, RCO1, RCO1, KNK, COLA, HDA, HDA, SCM, J18K, J18K, J18K, H21K, H21K, IL31, ILAR, ILAR, ILAR, ILAR, ILAR, M24K, M18K, M18K, M18K, H22K, PAX, PAX, NCT, H20K, SLKM, PWL, PWL, PWL, N19K, N19K, N19K, RDWB, RDSD, RED.

Table with columns for station ID, name, elevation, and other details. Includes stations like RED, GCSA, HARP, J25K, J25K, J25K, KLU, KLU, KLU, GLI, GLI, K17K, H19K, H19K, H19K, H19K, N18K, N18K, N18K, M17K, DOT, DOT, L17K, DIV, DIV, DIV, SCRV, SCRV, SCRV, G21K, G21K, J17K, J17K, HOM, G23K, G23K, H18K, H18K, H18K, HIN, HIN, HIN, P19K, P19K, CNPM, CNPM, J26L, J26L, J26L, P23K, P23K, P23K, O18K, O18K, N17K, N17K, N17K, N17K, G19K, G19K, G19K, G24K, BMRM, BMRM, GLB, GLB, L16K, L16K, L16K, COLD, COLD, COLD, H17K, H17K, H17K, H17K, G18K, G18K, G18K, F21K, F21K, J16K, J16K, J16K, M16K, M16K, M16K, I17K, I17K, I17K, VRED, G25K, P18K, K27K, K27K, K27K, M27K, M27K, F19K, F19K, F19K, F24K, F24K, F24K, CRQM, CRQM, CRQM, G17K.

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Table with columns for station ID, name, elevation, and other details. Includes stations like PTPK, K15K, K15K, K15K, TGL, TGL, TGL, KHIT, O16K, O16K, O16K, KHAG, F18K, WAX, L15K, E19K, E29K, KAHG, G26K, G26K, G26K, H16K, ISLE, ISLE, F25K, M15K, BARN, BARK, SNH, SNH, BM01, GRCN, H27K, H27K, H27K, H27K, KAKN, G16K, G16K, G16K, CTGM, KABU, F17K, F17K, F17K, ACHA, E21K, E21K, E21K, MESA, DAWY, F26K, E20K, LOGN, KDAK, KDAK, KDAK, I28M, G27K, E25K, TOLK, M14K, J14K, TABL, E19K, O15K, D22K, D23K, G15K, O29M, E17K, D20K, D19K, M29M, L29M, D20K, C21K, O14K, F15K, M13K, E27K, F21K, BCPM, F28M, B21K, C24K, F23K, M30M, C18K, G29M, J30M, C19K, F14K, I30M, C27K, B22K, E28M, D27M, P30M, H31M, F30M, A22K, D28M, E28M, INK, INK, INK, YKAW, YKAW, YKAW, YKA, YKA, YKA, EDM, EDM, RES, RES, G06A, LYMT, ILON, ILON, PDAR, PDAR, PDAR, NVAR, NVAR, NVAR, ULM, ULM.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Las Mesas, Puerto Rico Se, Obispo Ponce, etc.

11C 12:11:23.51.0.35:44N:141.09E, h0km, mb3.8/11, mbmp3.8/15, ML3.2/4, MS3.0/7, Error ellipse: s-maj=23.4km s-min=16.0km az=87.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sammumatsuo, Itakohorinouch, Chibachonac, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kuroka, Inuyama, Erimo, etc.

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

NEIC 11 12:16:29.01.1.17:95N:0.04:66:760W:0.004, h10km, 1km, ML3.4/26, MD3.5/8(RSPR), Error ellipse: s-maj=6.0km s-min=2.8km az=356.0

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

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

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

11C 11 12:29:47.01.0.1:16N:123.93E, h0km, mb3.6/6, mbmp3.6/6, Error ellipse: s-maj=66.8km s-min=18.5km az=68.0

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

11C 11 12:30:21.9:0.6:0.12S:123.02E, h164km, 5km, mb3.7/17, mbmp4.2/20, Error ellipse: s-maj=19.8km s-min=8.5km az=67.0

NEIC 11 12:30:22.1:1.5:0.05S:0.06:122.89E:0.02, h146km, 6km, mb4.5/37, Error ellipse: s-maj=9.3km s-min=2.6km az=184.0

DJA 11 12:30:23.1:0.2:0.0S:2.1:12.3E, h135km, 4km, M4.7/21, mb5.0/4, mb4.8/12, MLV4.7/21, Mw(mb)4.3/4

11C 11 12:30:22.0:0.5:0.09S:0.04:122.90E:0.05, h157km, 4km, n110, e121/128, mb4.4/34, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GTOI Gorontalo, LUWI Luwuk, MRSI Marisa, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AAI Ambon, BSSI Bau Bau, etc.

11d 12h

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Table with columns for station name, frequency, power, and time. Includes stations like NPGB Novo Progresso, ATAH Alathu, TMBN Tom-Au, PA, Br, and many others.

Table with columns for station name, frequency, power, and time. Includes stations like SMTB Santa Maria do, SCIA Santa Maria do, F42A Maple Grove, and many others.

Table with columns for station name, frequency, power, and time. Includes stations like C2SB Chapadão do Su, NPTA Tacarigua, ANMO Albuquerque, and many others.

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, etc. Includes stations like E28M Babbage River, GRNC Granite Creek, MESA MESA, HOMB Homborsund, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, etc. Includes stations like KEST Kesra, NB2 NORSAR Subarra, NB2 NORSAR Subarra, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, etc. Includes stations like ILAR Eielson Array, HDA Harding Lake, KONS Kongsvik, etc.

11d 12h

2020 JAN

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes entries like D24K Happy Valley, GEC2 GERESS Array S, GEC2 GERESS Array S, etc.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes entries like BRSE Bradley Lake S, E22K Anaktuvuk Pass, E22K Anaktuvuk Pass, etc.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes entries like HOPEN Hopen, CUC Castrocucco, CUC Castrocucco, etc.

O16K	Kokwok River B baz=80	75.47	328	P	P	13 06 29.0	+0.3
P16K	Nushagak River comp=2.6um,19.0s	75.52	328	IAMS_20	IAMS_20	13 38	12.7
P16K	Nushagak River comp=80,SNR=18	75.52	328	P	P	13 06 28.6	-0.4
VADS	Vadso	75.54	21	eP	IAMB	13 06 29.7	+0.6
VADS	comp=Z,141nm,1.1s			IAMB	IAMB	13 06 32.6	
G17K	Kiwalik Mounta baz=79	75.55	335	P	P	13 06 28.4	-0.6
R16K	Pilot Point baz=80	75.57	326	P	P	13 06 28.6	-0.6
F17K	Baldwin Pennin comp=2.5um,19.0s	75.61	336	IAMS_20	IAMS_20	13 45	02.4
F17K	Baldwin Pennin baz=79	75.61	336	P	P	13 06 28.3	-1.1
M16K	Timber Creek baz=79	75.64	330	P	P	13 06 29.2	-0.5
N16K	Nishlik Lake baz=79	75.65	329	P	P	13 06 29.6	-0.2
E17K	Owhat Inlet baz=78,SNR=108	75.71	336	P	P	13 06 28.6	-1.3
L16K	Hotham River comp=Z,99nm,0.9s	75.76	331	IAMB	IAMB	13 06 33.5	
L16K	comp=Z,7um,19.0s			IAMS_20	IAMS_20	13 45	23.6
L16K	Owhat River baz=79,SNR=29	75.76	331	P	P	13 06 29.9	-0.4
SUW	Suwali	75.85	37	IAMS_20	IAMS_20	13 37	10.6
SUW	Suwali	75.85	37	IAMS_20	IAMS_20	13 37	10.6
I17K	Unalakleet baz=78,SNR=9.3	75.89	333	P	P	13 06 30.4	-0.6
RDOG	Red Dog Mine baz=77	75.91	337	IAMB	IAMB	13 06 32.5	
RDOG	Red Dog Mine comp=Z,72nm,1.0s	75.91	337	P	P	13 06 30.0	-1.1
C17K	DeLong Mountai baz=77	75.92	338	P	P	13 06 29.7	-1.4
J16K	Anvik River baz=78	75.96	332	P	P	13 06 30.9	-0.5
FINES	FINESS Array B comp=Z,45nm,0.9s,baz=278,slow=5.6,SNR=87	75.97	30	LR	LR	13 06 31.8	+0.3
FINES	comp=Z,3um,19.4s,baz=274,slow=34					13 37	59.0
FINES	FINESS Array B comp=Z,45nm,0.9s	75.97	30	P	P	13 06 31.3	-0.2
PABE	Paberze comp=Z,146nm,1.0s	76.02	36	IAMB	IAMB	13 06 40.4	
PABE	comp=Z,6um,20.0s			IAMS_20	IAMS_20	13 37	31.0
D17K	Noatak River baz=77,SNR=36	76.05	337	P	P	13 06 30.4	-1.5
BANR	Banloc baz=77	76.19	46	IAMB	IAMB	13 06 34.9	+1.8
G16K	Koyuk River baz=77	76.27	335	P	P	13 06 32.2	-1.0
LTVH	Ltvarites, Hu Kwethluk River comp=Z,236nm,2.0s	76.32	44	IAMB	IAMB	13 06 35.1	+1.4
N15K	Kwethluk River baz=78	76.36	329	P	P	13 06 33.4	-0.3
KEK	Kerkira SIRR	76.36	52	IAMB	IAMB	13 06 35.5	+1.4
H16K	Elim baz=77,SNR=28	76.39	334	P	P	13 06 33.1	-0.7
KWP	Kawliaria Pacla KWP	76.41	42	eP	P	13 06 36.3	+2.1
O15K	Ungalikthik R baz=78	76.42	328	P	P	13 06 34.0	-0.1
BZS	Buzias BZS	76.48	46	IAMB	IAMB	13 06 36.0	+1.3
BZS	Buzias EDA	76.48	46	IAMB	IAMB	13 06 34.1	-0.6
EDA	Edea M15K	76.50	90	IAMB	IAMB	13 06 36.2	+0.8
K15K	Wolf Creek Mou comp=Z,5um,20.0s	76.59	331	IAMS_20	IAMS_20	13 45	00.7
K15K	Wolf Creek Mou baz=77	76.59	331	P	P	13 06 35.0	0.0
L15K	Ungalak Mounta baz=77	76.70	331	P	P	13 06 34.9	-0.8
MDVR	Moldovita C16K	76.72	47	IAMB	IAMB	13 06 37.3	+1.2
C16K	Lisburne Hills comp=Z,142nm,1.4s	76.75	338	IAMB	IAMB	13 06 44.4	
C16K	Lisburne Hills baz=75,SNR=43	76.75	338	P	P	13 06 35.1	-0.7
OHR	Ohrid VSU	76.82	51	eP	P	13 06 38.8	+2.0
VSU	Vasula comp=Z,168nm,1.6s	76.82	50	eP	P	13 06 35.9	-0.9
VSU	Vasula	76.90	33	IAMB	IAMB	13 06 36.1	-0.7
BOVS	Bovan	76.95	48	IAMB	IAMB	13 06 37.8	+0.4
DRGR	DRGR	76.98	45	IAMB	IAMB	13 06 38.3	+0.7
TAOE	Nuku Hiva Isla comp=Z,230nm,23.1s	77.03	256	eP	P	13 06 37.9	-0.5
TAOE	comp=Z,826nm,28.0s			eS	S	13 16 26.1	-1.5
TAOE	comp=Z,5um,23.0s			eLR	LR	13 30	38.6
G15K	Niukluk baz=78	77.06	334	P	P	13 06 37.1	-0.5
MESR	Mesesen	77.07	44	IAMB	IAMB	13 06 39.2	+1.2
SKO	Skopje	77.11	50	IAMB	IAMB	13 06 39.3	+1.2
F15K	North Star Dit comp=Z,6um,19.0s	77.13	335	IAMS_20	IAMS_20	13 44	36.6
F15K	North Star Dit baz=76	77.13	335	P	P	13 06 37.4	-0.6
M14K	Bethel comp=Z,6um,20.0s	77.13	330	IAMS_20	IAMS_20	13 43	04.0
M14K	Bethel baz=77,SNR=6.7	77.13	330	P	P	13 06 38.7	+0.7
O14K	Tiguykaiuvet M baz=77	77.13	328	P	P	13 06 38.2	+0.1
HERR	Herculane Kuskokwak Cree comp=Z,130nm,1.0s	77.19	47	IAMB	IAMB	13 06 39.7	+1.0
N14K	Kuskokwak Cree baz=77	77.19	329	P	P	13 06 37.4	-1.0
CHNA	Chernabura Isl baz=77	77.22	324	P	P	13 06 38.8	+0.2
MARR	Marisel-Cluj DZES	77.28	45	IAMB	IAMB	13 06 39.7	+0.3
DEV	Dev	77.30	47	IAMB	IAMB	13 06 40.0	+0.6
DEV	Dev	77.31	46	IAMB	IAMB	13 06 40.2	+0.8
EMR	Baia Mare	77.32	44	IAMB	IAMB	13 06 40.1	+0.8
BMR	Baia Mare	77.32	44	IAMB	IAMB	13 06 40.4	+1.0
GZR	Gura Zlata	77.33	46	IAMB	IAMB	13 06 40.9	+1.2
GZR	Gura Zlata	77.33	46	IAMB	IAMB	13 06 40.8	+1.2
L14K	Kuka Creek comp=Z,7um,21.0s	77.34	331	IAMS_20	IAMS_20	13 41	49.6
L14K	Kuka Creek baz=76	77.34	331	P	P	13 06 39.1	-0.1
J14K	Nanvaranak Lak baz=76	77.40	332	P	P	13 06 39.3	-0.2
APA	Apaitly	77.59	231	eP	P	13 06 40.4	-0.1
APA				e	S	13 06 47.8	
APA				eS	S	13 09 37.8	
APA				eS	S	13 16 31.1	-0.7
APA				eSS	SS	13 16 57.5	
APA	comp=Z,57nm,1.0s			pmax	pmax	13 21 26.5	-4.0
APA	comp=Z,3um,5.8s			MLR	MLR		
CJR	Cluj-Napoca	77.60	45	IAMB	IAMB	13 06 42.5	+1.4
CJR	Cluj-Napoca	77.60	45	IAMB	IAMB	13 06 42.5	+1.4
SDPT	Sand Point baz=77	77.60	324	P	P	13 06 39.9	-0.9
ANM	Norne baz=75,SNR=14	77.72	334	P	P	13 06 40.8	-0.5
SRE	Strehaia SRE	77.78	47	IAMB	IAMB	13 06 42.7	+0.6
SRE	Strehaia	77.78	47	IAMB	IAMB	13 06 42.7	+0.6
F14K	Arctic Creek baz=74	77.86	335	P	P	13 06 42.0	0.0
M13K	Dall Lake comp=Z,103nm,1.1s	77.88	330	IAMB	IAMB	13 07 23.0	
M13K	Dall Lake baz=75	77.88	330	P	P	13 06 42.6	+0.4
LVZ	Lovozero	77.95	22	P	P	13 06 42.6	0.0
LVZ	Lovozero	77.95	221	eP	P	13 06 44.5	+1.9
RKT	Rikitea comp=Z,86nm,0.9s	77.95	241	eP	P	13 06 42.3	-1.0

RKT	comp=Z,9um,36.2s			eSS	SS	13 21 24.3	-1.4
RKT	comp=Z,20um,33.2s			eLQ	LQ	13 27 34.6	
RKT	comp=Z,9um,27.0s			eLR	LR	13 30 48.9	
LOT	Lotru	78.00	46	IAMB	IAMB	13 06 43.9	+0.5
ARCR	ARCALIA	78.02	44	IAMB	IAMB	13 06 44.4	+1.0
VAY	Valandovo	78.08	50	IAMB	IAMB	13 06 44.6	+0.9
K13K	Kusilvak Mount comp=Z,6um,18.0s	78.10	331	IAMS_20	IAMS_20	13 43	12.7
K13K	Kusilvak Mount baz=75	78.10	331	P	P	13 06 43.1	-0.4
VALD	Valchedra	78.16	48	eP	P	13 06 45.8	+1.6
BLSH	Balsha	78.24	49	eP	P	13 06 45.9	+2.2
MDB	Medias	78.25	45	IAMB	IAMB	13 06 45.9	+1.2
MDB	Medias	78.25	45	eP	P	13 06 45.9	+1.2
VTS	Vitosha	78.26	49	eP	P	13 06 46.9	+1.9
TNR	Turnu Rosu	78.29	46	IAMB	IAMB	13 06 45.6	+0.6
TNR	Turnu Rosu	78.29	46	IAMB	IAMB	13 06 45.5	+0.6
KKB	Kruik	78.37	50	IAMB	IAMB	13 06 47.8	+2.2
PUL	Pulkovo	78.39	311	eP	P	13 06 46.8	+1.7
PUL				pmax	pmax		
AGG	Agios Georgios Minsk	78.43	53	IAMB	IAMB	13 06 46.1	+0.3
MNK	comp=E,28nm,1.0s	78.44	36	IAMB	IAMB	13 06 46.0	+0.5
MNK	comp=N,55nm,0.9s			IAMB	IAMB	13 06 46.0	+0.5
MNK	comp=Z,137nm,0.8s,baz=284			IAMB	IAMB	13 06 46.0	+0.5
MNK				I/P	P	13 06 55.3	+0.6
MNK				I/PP	PP	13 09 42.2	-0.4
MNK				I/PPP	PPP	13 11 29.9	
MNK				I/PS	PS	13 16 41.0	-0.4
MNK				I/PS	PS	13 17 36.3	+1.4
MNK				I/SS	SS	13 21 36.3	-7.6
MNK				I/SSS	SSS	13 24 48.8	
MNK				I/LQ	LQ	13 33 48.3	
MNK				I/LR	LR	13 38 54.9	
MNK	comp=Z,2um,18.2s			I/LRM	MLR	13 42 11.7	
MNK	comp=N,2um,18.2s			I/LRM	MLR	13 42 13.7	
MNK	comp=E,2um,17.8s			I/LRM	MLR	13 44 44.3	
MNK	Minsk	78.44	36	IAMB	IAMB	13 06 46.0	+0.5
BUR08	Bucovina Ar, S comp=Z,99nm,1.1s	78.45	44	IAMB	IAMB	13 06 49.2	
MPEP	Malo Peshtene BURAR	78.45	48	IAMB	IAMB	13 06 47.1	+1.3
BURAR	Bucovina Array	78.47	44	IAMB	IAMB	13 06 46.4	+0.4
BURAR	Bucovina Array	78.47	44	IAMB	IAMB	13 06 47.6	+1.6
BURAR	Bucovina Array	78.47	44	IAMB	IAMB	13 06 47.5	+1.6
TNA	Tin City comp=Z,92nm,0.9s	78.47	335	IAMB	IAMB	13 06 48.2	
TNA	comp=Z,6um,20.0s			IAMS_20	IAMS_20	13 46	29.0
TNA	Tin City baz=72,SNR=49	78.47	335	P	P	13 06 44.5	-1.0
ITM	comp=Z,113nm,0.7s	78.55	55	IAMB	IAMB	13 06 49.0	
ITM	Ithomi	78.55	55	IAMB	IAMB	13 06 47.2	+0.7
ARR	Arges	78.61	46	IAMB	IAMB	13 06 47.6	+0.9
VLAD	Vladia	78.77	47	IAMB	IAMB	13 06 48.5	+0.9
MMP	Musomisha	78.89	50	IAMB	IAMB	13 06 50.1	+1.9
MTUR	Matua	78.93	46	IAMB	IAMB	13 06 49.8	+1.3
MTUR	Matua	78.93	46	IAMB	IAMB	13 06 49.8	+1.3
STFAR	Stefanesti-Arg	78.95	46	IAMB	IAMB	13 06 49.8	+1.3
DOPR	Dopca	78.98	45	IAMB	IAMB	13 06 49.8	+1.1
HUMER	Humele	79.05	47	IAMB	IAMB	13 06 50.3	+1.3
PLVR	Pluv	79.07	48	IAMB	IAMB	13 06 49.3	+1.1
PRAR	RASCA	79.19	44	IAMB	IAMB	13 06 51.0	+1.2
OZUR	Ozur	79.21	45	IAMB	IAMB	13 06 51.2	+1.2
M11K	Mekoryuk baz=73	79.25	330	P	P	13 06 49.5	-0.3
COPA	Copaceanca	79.31	47	IAMB	IAMB	13 06 51.6	+1.2
FALS	False Pass comp=Z,7um,21.0s	79.36	324	IAMS_20	IAMS_20	13 41	34.5
FALS	False Pass baz=73	79.36	324	P	P	13 06 50.2	-0.3
TURR	Turia	79.38	45	IAMB	IAMB	13 06 52.2	+1.3
PLD	Plodiv	79.47	49	IAMB	IAMB	13 06 53.5	+2.1
MLR	Muntele Rosu comp=Z,2um,19.6s,baz=286,slow=35	79.47	46	LR	LR	13 40	57.2
MLR	Muntele Rosu	79.47	46	IAMB	IAMB	13 06 53.0	+1.4
MLR	Muntele Rosu	79.47	46	IAMB	IAMB	13 06 52.9	+1.4
GIRR	Girov	79.48	44	IAMB	IAMB	13 06 52.5	+1.2
COVR	Voineasa-Covas	79.56	45	IAMB	IAMB	13 06 53.1	+1.3
ONER	Baraj Valea Uz	79.56	45	IAMB	IAMB	13 06 53.5	+1.7
RZN	Rozhen	79.57	50	IAMB	IAMB	13 06 54.3	+2.1
TESCO	Tescani	79.69	44	IAMB	IAMB	13 06 54.1	+1.3
NEHR	Nehoiu	79.73	46	IAMB	IAMB	13 06	

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like EMPR Esperanza - Ma, SJG San Juan, GPCR Guaynabo City, HUMP Col San Antoni.

BUI 11 13:37:31.2, 40.60'N, 27.48'E, h16km, mB5.1/7, mb4.8/48, Ms5.5/11, Ms7.5/211

SOF 11 13:37:31.1, 40.65'N, 27.48'E, h16km, mB5.1/7, mb4.8/48, Ms5.5/11

IDC 11 13:37:35.8, 40.47'N, 28.33'E, h0km, mb4.5/31, mBmp4.4/44, ML3.9/810, Error ellipse: s-maj=8.5km s-min=6.8km az=39.0

AFAD 11 13:37:36.5, 40.87'N, 28.21'E, h11km, 3km, MW4.7

ISK 11 13:37:36.7, 40.86'N, 28.23'E, h14km, ML4.9/81

MOS 11 13:37:36.2, 40.92'N, 28.28'E, h16km, mb4.9/30, Error ellipse: s-maj=4.5km s-min=3.1km az=97.6

NEIC 11 13:37:37.1, 40.93'N, 28.24'E, h10km, mb4.9/140, Error ellipse: s-maj=9.0km s-min=7.6km az=204.0

THE 11 13:37:38.2, 41.1'N, 28.2'E, h16km, 25km, M4.3/60, MLH4.3/60

CFUSG 11 13:37:39.9, 41.02'N, 28.51'E, h20km, Mb4.3/8, MD4.1/8, MSH4.3/8

NAO 11 13:37:55.9, 42.65'N, 27.42'E, h10km, MB4.4

ISC 11 13:37:1.0, 40.88'N, 28.24'E, 0.01, h11km, 5km, mB2.1/36/1025, mb4.9/135, MS5.2/4, 75C-49D, Turkey

Main station list table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like BOTS Marmara Eregli, SIB Sinanoba-Istan, ELBA Catalca, YKBL Yakuplu-Istan, etc.

Main station list table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like ENEZ SAKARYA, SAUV Sakarya-Sakar, KAYN Sakarya, Kayna, etc.

Main station list table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like ISP Isparta, ISL Isparta, TIRR Tirusor, etc.

Summary table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like BRTR Keskin Array B, CFR Carcalui, etc.

11d 13h

Table with columns for station name, frequency, power, and other technical details. Includes stations like BRLS Boroday, IUG luzhny, KKKAR Karatay Array, etc.

2020 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like ILLON Kuujuaa, KUQ KUK, YAK Yakutsk, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like E25K Arctic Village, E25K Arctic Village, E22K Anaktuluk Pass, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Distance, etc. Includes stations like H16K, COLA, ILAR, J25K, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Distance, etc. Includes stations like SML, M22K, YUK8, L14K, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Distance, etc. Includes stations like CRAG, SII, CHIR, SDPT, etc.

RSPR 11 13:38:25.4, 17:90N-66:89W, h14km NEIC 11 13:38:23.6, 1.4, 17.78N-03:03:66.87W, 0.01, h10km, 2km, ML2.7/20, ML2.1 (RSPR), 8C-2D, Error ellipse: s-maj=5.1km s-min=2.9km az=6.0, Puerto Rico region

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

NEIC 11 13:43:43.6, 1.8, 17:81N-03:03:66:80W, 0.01, h10km, 1km, ML3.7/26, ML3.6 (RSPR), Error ellipse: s-maj=4.5km s-min=2.9km az=11.0

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for Cabo Rojo, Cerrillos, Utuado, Las Mesas, Puerto Rico, etc.

IDC 11 13:48:11.6:0.17, 17.82N:66.83W, h0km, mb4.1/17, mbmp4.1/18, ML3.1/1, Error ellipse: s-maj=15.1km s-min=8.2km az=163.0

PTWC 11 13:48:14, 18:00N:66:80W, M14, 4/22 SDD 11 13:48:14.9:0.7, 18:00N:66:80W, h26km, 10km, MD3.5, ML4.3, MW4.1, Presumed earthquake

NEIC 11 13:48:14.9:0.7, 17.97N:0.03:66.81W:0.02, h14km, 5km, mb4.6/18, ML4.5/36, M1.2/10(RSPR), Error ellipse: s-maj=4.2km s-min=2.0km az=159.0

RSPR 11 13:48:15.4, 18:00N:66:83W, h10km, 10km, MD3.4/10 ISC 11 13:48:14.5:0.7, 17.95N:0.03:66.81W:0.02, h18km, 2km, n120, s113/162, mb4.4/24, 20C-5D, Puerto Rico region

Main table of seismic data for 11d 13h, listing stations like Guanica, Obispo Ponce, Maguieses, etc., with their respective codes and data.

Main table of seismic data for 2020 JAN, listing stations like Esperanza, San Juan, Isla Desecheo, etc., with their respective codes and data.

Main table of seismic data for 768, listing stations like Guanica, Obispo Ponce, Maguieses, etc., with their respective codes and data.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CELP, CRPR Cabo Rojo, PR, etc.

WEL 11 13:56:45.0, 2.43° S, 171° 22' E, h5km, M3.2/16, ML3.0/18, MLV3.2/16, Error ellipse: s-maj=1.9km s-min=1.7km az=58.0, confirmed

NOU 11 13:56:48.1, 43.00S, 171.85E, h28km, ML3.8/12, South Island, New Zealand

ISC 11 13:56:45.3, 1.0, 42.95S, 0.02, 171.87E, 0.02, h13km, 6km, n76, c076/100, South Island

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like APPS, CSHS, LTZ, etc.

OGWZ Otaki Gorge 3.26 50 P Pn 13 57 35.6 -0.4
KHEZ Kahui Hut 4.00 25 P Pn 13 57 45.8 +2.2
SYZ Scrubby Hill 4.08 20 P Pn 13 57 47.4 +0.1
HIZ Hauiti 4.98 28 P Pn 13 58 02.4 +2.7

IDC 11 13:59:48.6, 1.2, 172.95N, 66.94W, h0km, mb3.5/5, mbmp3.6/6, ML3.2/1, Error ellipse: s-maj=3.5km s-min=3.1km az=176.0
NEIC 11 13:59:49.4, 1.2, 172.82N, 0.02, 66.86W, 0.01, h10km, 1km, ML4.1/32, Error ellipse: s-maj=3.9km s-min=2.8km az=353.0

PTWC 11 13:59:49, 17.80N, 66.90W, M4.1/17, PUERTO RICO REGION
SDD 11 13:59:50.4, 0.6, 17.89N, 66.91W, h23km, 7km, MD3.5, ML4.2, MW3.8, Presumed earthquake
RSPR 11 13:59:50.8, 1.7, 93N, 66.88W, h12km
ISC 11 13:59:49.1, 0.9, 17.91N, 0.05, 66.84W, 0.02, h15km, 6km, n60, c148/86, mb3.6/5, 9C-6D, Puerto Rico region

Main station list table for the 2020 JAN section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR, CRPR, etc.

RSPR 11 14:04:59.4, 17.91N, 66.85W, h12km
NEIC 11 14:04:58.9, 1.3, 17.87N, 0.03, 66.83W, 0.007, h10km, 1km, ML2.7/4, ML2.6/(RSPR), 5D, Error ellipse: s-maj=5.6km s-min=2.7km az=358.0, Puerto Rico region

Main station list table for the 11d 14h section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR, CRPR, etc.

NOU 11 14:05:19.0, 16.16S, 168.50E, h169km, MLV4.3/13, Vanuatu Islands, Vanuatu Islands

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

NEIC 11 14:05:28.7, 1.1, 17.93N, 0.02, 66.812W, 0.009, h10km, 1km, ML3.4/26, Error ellipse: s-maj=4.2km s-min=2.9km az=344.0, Puerto Rico region

Main station list table for the NEIC section with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR, CRPR, etc.

WEL 11 14:09:55.5, 1.3, 38° S, 6° 17' 8" E, h60km, 6km, M1.4/5, ML1.4/7, MLV1.4/5, Error ellipse: s-maj=8.0km s-min=5.8km az=141.5, confirmed, Off east coast of North Island

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

Table with columns: Puz, Puketiti, 0.28 111, P, Pn, 14 10 06.7 +1.2, etc.

NEIC 11 14:22:03.0.2.1.16:34N.0:05:98:24W.0:05,h22km,6km, mb4.8/261, Mds.0/206(MEX), Error ellipse: s-maj=9.2km s-min=4.0km az=219.0

MEX 11 14:22:02.8.1.1.16:25N.98:32W,h7km,5km, MDS.1 IDC 11 14:22:05.8.3.9.16:43N.98:09W,h33km,27km, mb4.1/20, mbmp4.3/25, ML4.0/5, MS4.2/8, Error ellipse: s-maj=23.5km s-min=10.9km az=49.0

ISC 11 14:22:02.7.0.7.16:27N.0:03:98:32W.0:02,h19km,2km, n382.1/98/434, mb4.8/114, MS4.2/6, 52C-16D, Near coast of Guerrero

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, etc.

Main station list table (continued) with columns: AOVV, Tiapan, 3.13 342i, eP, Pn, 14 22 56.0 -0.9, etc.

Main station list table (continued) with columns: CDAR, Union Juarez, 6.10 100j, eS, Sn, 14 24 38.4 -1.3, etc.

SDD 11 14:45:30.4-0.1, 17.95N-66.83W, h20km, 5km, MD3.2, ML4.0, MW3.5, Presumed earthquake
 NEIC 11 14:45:30.6-1.0, 17.99N-02:66:827W, 0:009, h10km, 1km, ML3.9/26, MD2.9/9 (RSRP), Error ellipse: s-maj=3.3km s-min=1.8km az=166.0
 RSPR 11 14:45:30.1-0.9, 17.98N-66:84W, h11km, 1km, MD2.9/9
 ISC 11 14:45:30.1-0.9, 17.96N-0.04:66.83W-0.02, h12km, 6km, n44, c056/67, 14C-6D, Puerto Rico region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
					ISC	h m s	ISC
GBPR	Guanica, Bosqu	0.05	286	Pg	Pg	14 45 33.3	+0.2
MLPR	Maguayes Islan	0.21	272	Sg	Sg	14 45 34.8	+0.1
MLPR	Maguayes Islan			Sg	Sg	14 45 38.3	+0.1
MLPR	Maguayes Islan			Sg	Sg	14 45 39.7	
MLPR	Maguayes Islan	0.21	272	P	Pg	14 45 34.7	-0.2
MLPR	Maguayes Islan			Sg	Sg	14 45 37.5	-0.8
MLPR	Maguayes Islan	0.21	272	eP	eP	14 45 34.9	-0.1
MLPR	Maguayes Islan			Sg	Sg	14 45 38.6	+0.3
MLPR	Maguayes Islan			IAML	IAML	14 45 40.4	
MLPR	Maguayes Islan	0.21	272	eP	Pg	14 45 34.9	-0.1
MLPR	Maguayes Islan			Sg	Sg	14 45 37.5	+0.5
MLPR	Maguayes Islan			Sg	Sg	14 45 35.4	+0.1
OBIP	Obispado Ponce	0.23	69	P	Pg	14 45 35.4	+0.1
OBIP	Obispado Ponce			Sg	Sg	14 45 39.3	-0.3
OBIP	Obispado Ponce	0.23	69	eP	Pg	14 45 35.5	+0.3
OBIP	Obispado Ponce			Sg	Sg	14 45 39.4	-0.2
CELP	Cerrillos	0.26	64	Pg	Pg	14 45 35.9	+0.1
CELP	Cerrillos			IAML	IAML	14 45 40.9	
CELP	Cerrillos			IAML	IAML	14 45 40.9	
CRPR	Cabo Rojo, PR	0.27	280	Pg	Pg	14 45 35.8	-0.2
CRPR	Cabo Rojo, PR			Sg	Sg	14 45 40.0	-0.1
CRPR	Cabo Rojo, PR			IAML	IAML	14 45 40.1	
CRPR	Cabo Rojo, PR			IAML	IAML	14 45 40.2	
CRPR	Cabo Rojo, PR	0.27	280	S	Sg	14 45 39.0	-1.1
CRPR	Cabo Rojo, PR	0.27	280	eP	Pg	14 45 39.9	-0.1
CRPR	Cabo Rojo, PR			IAML	IAML	14 45 40.1	
CRPR	Cabo Rojo, PR	0.27	280	eP	Pg	14 45 36.0	-0.1
CRPR	Cabo Rojo, PR			Sg	Sg	14 45 40.1	
UUPR	Utuaedo, UPR, P	0.31	19	Pg	Pg	14 45 36.5	-0.1
AOPR	Arecibo Observ	0.39	10	Pg	Pg	14 45 37.9	-0.3
AOPR	Arecibo Observ	0.39	10	P	Pg	14 45 43.7	+0.1
AOPR	Arecibo Observ	0.39	10	P	Pg	14 45 37.8	-0.3
AOPR	Arecibo Observ	0.39	10	eP	Pg	14 45 42.8	-0.1
AOPR	Arecibo Observ	0.39	10	eP	Pg	14 45 43.0	-0.1
AOPR	Arecibo Observ			IAML	IAML	14 45 43.9	
AOPR	Arecibo Observ	0.39	10	eP	Pg	14 45 38.0	-0.1
PRSN	Puerto Rico Se	0.40	310	Pg	Pg	14 45 38.0	-0.2
PRSN	Puerto Rico Se	0.40	310	Pg	Pg	14 45 43.7	0.0
PRSN	Puerto Rico Se	0.40	310	P	Pg	14 45 37.0	-1.2
PRSN	Puerto Rico Se			Sg	Sg	14 45 43.7	0.0
PRSN	Puerto Rico Se	0.40	310	eP	Pg	14 45 38.0	-0.2
PRSN	Puerto Rico Se			Sg	Sg	14 45 43.0	0.0
PRSN	Puerto Rico Se			IAML	IAML	14 45 45.6	
PRSN	Puerto Rico Se	0.40	310	eP	Pg	14 45 38.0	-0.2
PRSN	Puerto Rico Se			Sg	Sg	14 45 40.8	+0.5
ECPR	Experimental S	0.57	51	Pg	Pg	14 45 51.3	
ECPR	Experimental S			IAML	IAML	14 45 52.7	
ECPR	Experimental S	0.57	51	eP	Pg	14 45 41.0	-0.3
ECPR	Experimental S			Sg	Sg	14 45 49.0	+0.1
AGPR	Aguadilla, PR	0.57	332	Pg	Pg	14 45 40.9	-0.5
AGPR	Aguadilla, PR			IAML	IAML	14 45 49.3	
AGPR	Aguadilla, PR			IAML	IAML	14 45 52.4	
EMPR	Esperanza - Ma	0.59	29	Pg	Pg	14 45 41.7	0.0
EMPR	Esperanza - Ma			IAML	IAML	14 45 52.9	
EMPR	Esperanza - Ma			IAML	IAML	14 45 54.2	
EMPR	Esperanza - Ma	0.59	29	P	Sb	14 45 50.4	+0.5
EMPR	Esperanza - Ma	0.59	29	P	Sb	14 45 41.7	0.0
EMPR	Esperanza - Ma			Sg	Sg	14 45 49.2	0.2
EMPR	Esperanza - Ma	0.59	29	eP	Pg	14 45 41.8	+0.1
EMPR	Esperanza - Ma			Sg	Sg	14 45 50.4	+0.5
SJG	San Juan	0.66	77	Pg	Pg	14 45 42.7	-0.3
SJG	San Juan	0.66	77	eP	Pg	14 45 42.5	-0.6
SJG	San Juan			Sg	Sg	14 45 41.4	-0.5
SJG	San Juan	0.66	77	eP	Pg	14 45 42.7	-0.3
SJG	San Juan			Sg	Sg	14 45 52.1	+0.2
IDE	Isla Desecheo	0.75	305	Pb	Pb	14 45 43.9	-0.7
IDE	Isla Desecheo			Pb	Pb	14 45 43.9	-0.7
GCPR	Guaynabo City	0.79	64	Pb	Pb	14 45 44.8	-0.6
GCPR	Guaynabo City			Sg	Sg	14 45 44.8	-1.0
GCPR	Guaynabo City	0.79	64	S	Pb	14 45 54.0	-1.8
GCPR	Guaynabo City	0.79	64	eP	Pb	14 45 44.8	-0.6
GCPR	Guaynabo City			Sg	Sg	14 45 54.8	-1.0
HUMP	Col San Antoni	0.95	79	Pg	Pb	14 45 47.0	-1.1
HUMP	Col San Antoni			IAML	IAML	14 46 03.5	
HUMP	Col San Antoni	comp=N,4um,0.3s		IAML	IAML	14 46 03.6	
HUMP	Col San Antoni	0.95	79	P	Sb	14 46 03.1	+1.3
HUMP	Col San Antoni	0.95	79	eP	Pb	14 45 47.8	-0.3
HUMP	Col San Antoni	0.95	79	eP	Pb	14 46 01.1	+0.0
HUMP	Col San Antoni			Sb	Sb	14 46 03.1	+1.3
DR12	Loma Pena Alta	2.56	289	Pn	Pn	14 46 12.1	+1.2

NEIC 11 14:53:57.8-1.2, 18.02N-02:66:834W, 0:009, h10km, 1km, ML3.3/22, MD2.1/4 (RSRP), Error ellipse: s-maj=3.3km s-min=2.1km az=174.0
 RSPR 11 14:53:57.2, 17.97N-66:84W, h16km, MD2.1/4
 ISC 11 14:53:56.1-1.3, 17.95N-0.05:66.83W-0.02, h23km, n36, c030/52, 4C-4D, Puerto Rico region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
					ISC	h m s	ISC
GBPR	Guanica, Bosqu	0.05	303	Pb	Pb	14 54 00.1	0.0
GBPR	Guanica, Bosqu			Sb	Sb	14 54 02.5	-0.3
GBPR	Guanica, Bosqu	0.05	303	eP	Pg	14 54 00.1	0.0
MLPR	Maguayes Islan	0.20	277	Pb	Pb	14 54 01.6	+0.1
MLPR	Maguayes Islan			Sb	Sb	14 54 05.0	-0.3
MLPR	Maguayes Islan	0.20	277	IAML	IAML	14 54 05.4	
MLPR	Maguayes Islan			IAML	IAML	14 54 06.1	
MLPR	Maguayes Islan	0.20	277	eP	Pb	14 54 01.6	+0.1
MLPR	Maguayes Islan			Sb	Sb	14 54 05.0	-0.3
OBIP	Obispado Ponce	0.24	66	Pb	Pb	14 54 02.1	+0.1
OBIP	Obispado Ponce			Sb	Sb	14 54 06.1	+0.1
OBIP	Obispado Ponce	0.24	66	IAML	IAML	14 54 06.6	
OBIP	Obispado Ponce	0.24	66	eP	Pb	14 54 02.1	+0.1
OBIP	Obispado Ponce			Sb	Sb	14 54 02.1	+0.1
CRPR	Cabo Rojo, PR	0.27	283	Sb	Sb	14 54 06.6	-0.2
CRPR	Cabo Rojo, PR			IAML	IAML	14 54 06.8	
CRPR	Cabo Rojo, PR			IAML	IAML	14 54 06.9	
CRPR	Cabo Rojo, PR	0.27	283	eP	Pb	14 54 02.6	+0.1
CRPR	Cabo Rojo, PR			Sb	Sb	14 54 06.6	-0.2
CELP	Cerrillos	0.27	62	Pb	Pb	14 54 02.8	+0.2
CELP	Cerrillos			IAML	IAML	14 54 07.4	
CELP	Cerrillos			IAML	IAML	14 54 07.9	
UUPR	Utuaedo, UPR, P	0.32	19	Pb	Pb	14 54 03.4	0.0
UUPR	Utuaedo, UPR, P			IAML	IAML	14 54 09.0	
LSP	Las Mesas	0.33	313	Pb	Pb	14 54 03.6	+0.2
LSP	Las Mesas			Sb	Sb	14 54 08.6	+0.1
LSP	Las Mesas	0.33	313	eP	Pb	14 54 03.3	+0.2
LSP	Las Mesas			Sb	Sb	14 54 08.6	+0.1
PRSN	Puerto Rico Se	0.40	312	Pb	Pb	14 54 04.0	0.0

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
					ISC	h m s	ISC
PRSN	Puerto Rico Se	0.40	312	IAML	Sb	14 54 10.3	0.0
PRSN	Puerto Rico Se			IAML	Sb	14 54 11.1	
PRSN	Puerto Rico Se			IAML	Sb	14 54 11.5	
PRSN	Puerto Rico Se	0.40	312	eP	Pb	14 54 04.6	0.0
PRSN	Puerto Rico Se			Sb	Sb	14 54 10.3	0.0
AOPR	Arecibo Observ	0.41	11	Pb	Pb	14 54 04.6	-0.1
AOPR	Arecibo Observ			Sb	Sb	14 54 10.1	-0.4
AOPR	Arecibo Observ	0.41	11	IAML	Sb	14 54 10.5	
AOPR	Arecibo Observ	0.41	11	eP	Pb	14 54 04.6	-0.1
AOPR	Arecibo Observ			Sb	Sb	14 54 10.1	-0.4
ECPR	Experimental S	0.58	50	eP	Pb	14 54 07.5	-0.1
ECPR	Experimental S			Sb	Sb	14 54 07.1	-1.4
AGPR	Aguadilla, PR	0.58	333	Pb	Pb	14 54 07.6	-0.1
AGPR	Aguadilla, PR			IAML	IAML	14 54 16.0	
EMPR	Esperanza - Ma	0.60	29	Pb	Pb	14 54 08.4	+0.5
EMPR	Esperanza - Ma			Sb	Sb	14 54 16.3	+0.3
EMPR	Esperanza - Ma	0.60	29	IAML	Pb	14 54 17.1	
EMPR	Esperanza - Ma			IAML	IAML	14 54 19.5	
EMPR	Esperanza - Ma	0.60	29	eP	Pb	14 54 08.4	+0.5
EMPR	Esperanza - Ma			Sb	Sb	14 54 16.3	+0.3
SJG	San Juan	0.67	76	Pb	Pb	14 54 09.3	+0.2
SJG	San Juan			IAML	IAML	14 54 19.1	
SJG	San Juan	0.67	76	eP	Pb	14 54 09.3	+0.2
SJG	San Juan			Sb	Sb	14 54 19.1	
IDE	Isla Desecheo	0.75	306	Pb	Pb	14 54 19.3	+0.2
IDE	Isla Desecheo			Sb	Sb	14 54 19.3	+0.3
IDE	Isla Desecheo	0.75	306	eP	Pb	14 54 10.5	+0.1
IDE	Isla Desecheo			Sb	Sb	14 54 20.6	+0.3
IDE	Isla Desecheo	0.75	306	IAML	Pb	14 54 10.5	+0.1
IDE	Isla Desecheo			Sb	Sb	14 54 20.6	+0.3
GCPR	Guaynabo City	0.80	63	Pb	Pb	14 54 11.3	+0.1
GCPR	Guaynabo City			Sb	Sb	14 54 21.3	-0.4
GCPR	Guaynabo City	0.80	63	eP	Pb	14 54 11.3	+0.1
GCPR	Guaynabo City			Sb	Sb	14 54 21.3	-0.4
HUMP	Col San Antoni	0.95	78	Pb	Pb	14 54 14.3	+0.4
HUMP	Col San Antoni			IAML	IAML	14 54 25.9	-0.3
HUMP	Col San Antoni	0.95	78	IAML	Pb	14 54 25.9	-0.3
HUMP	Col San Antoni			IAML	IAML	14 54 30.1	
HUMP	Col San Antoni	0.95	78	eP	Pb	14 54 14.3	+0.4
HUMP	Col San Antoni			Sb	Sb	14 54 25.9	-0.3

ISC 11 14:54:30.1-1.6, 18.90N-66:01W, h0km, mb3.2/3, mbmp3.2/3, Error ellipse: s-maj=36.8km s-min=10.7km az=90.0
 NEIC 11 14:54:33.6-1.3, 17.90N-0.04:66.83W-0.01, h10km, 1km, ML3.8/24, Error ellipse: s-maj=6.6km s-min=2.9km az=3.0
 SDD 11 14:54:34.1-0.5, 17.90N-66:85W, h19km, 8km, MD2.7, ML3.8, MW3.5, Presumed earthquake
 ISC 11 14:54:32.9-1.2, 17.99N-0.06:66.84W-0.03, h18km, 3km, n23, c053/27, mb3.3/3, 8C-2D, Puerto Rico region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
					ISC	h m s	ISC
GBPR	Guanica, Bosqu	0.09	336	Pg	Pg	14 54 36.6	+0.1
MLPR	Maguayes Islan	0.21	292	Pg	Pg	14 54 38.3	+0.3
MLPR	Maguayes Islan			IAML	IAML	14 54 42.2	
MLPR	Maguayes Islan			IAML	IAML	14 54 43.6	
MLPR	Maguayes Islan	0.21	292	eP	Pg	14 54 38.4	+0.5
MLPR	Maguayes Islan			Sg	Sg	14 54 42.0	+0.6
MLPR	Maguayes Islan			IAML	IAML	14 54 42.1	
OBIP	Obispado Ponce	0.27	56	Pb	Pb	14 54 39.3	+0.2
CRPR	Cabo Ro						

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ECPR, ECPR Experimental S, ECPR Aguadilla, PR, AGPR, EMPR Esperanza - Ma, etc.

NOU 11 15:13:52.0, 16:67S:167.51E, h0km, mb4.0/11, Vanuatu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DVP Devils Point, KOUNC Koumang, YATNC Mamie plateau, DZM Mont Dzumac.

RSRP 11 15:16:51.6, 18:03N:66.80W, h16km, 1km, MD2, 4/8. NEIC 11 15:16:52.0, 1.4, 18.05N:0.01:66.80W:0.009, h10km, 1km, ML3, 0/26, MD2, 4/8(RSPR), Error ellipse: s-maj=3.1km s-min=1.9km az=166.0, ISC 11 15:16:50.2, 1.0, 18.01N:0.05:66.79W:0.02, h26km, 6km, n37, 0/32/53, 10C-3D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, OBIP Obispado Ponce, CELP Cerrillos, MLPR Magueyes Islan, etc.

NEIC 11 15:22:02.9, 1.2, 18.06N:0.01:66.80W:0.009, h10km, 1km, ML3, 3/26, MD2, 4/5(RSPR), Error ellipse: s-maj=3.1km s-min=1.9km az=168.0, ISC 11 15:22:02.5, 1.0, 18.01N:0.05:66.80W:0.02, h26km, 6km, n37, 0/36/53, 5C-7D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, OBIP Obispado Ponce, CELP Cerrillos, MLPR Magueyes Islan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TIPB Suao, TWC Dongshan, NDS Fushanzhiwuyua, FUSB Santian Chiao, TWB1 Nioudou, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHN1 Nanshi, CHN1 Jiashian, SGST Kuro-shima, etc.

RSRP 11 15:20:38.4, 17:85N:66.86W, h11km, MD2, 3/13. NEIC 11 15:20:37.9, 1.1, 17.81N:0.03:66.849W:0.005, h10km, 1km, ML2, 2/26, MD2, 3/13(RSPR), 1C-5D, Error ellipse: s-maj=5.9km s-min=2.8km az=358.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, OBIP Obispado Ponce, CELP Cerrillos, MLPR Magueyes Islan, etc.

NEIC 11 15:22:02.9, 1.2, 18.06N:0.01:66.80W:0.009, h10km, 1km, ML3, 3/26, MD2, 4/5(RSPR), Error ellipse: s-maj=3.1km s-min=1.9km az=168.0, ISC 11 15:22:02.5, 1.0, 18.01N:0.05:66.80W:0.02, h26km, 6km, n37, 0/36/53, 5C-7D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, OBIP Obispado Ponce, CELP Cerrillos, MLPR Magueyes Islan, etc.

SDD 11 15:50:01.9, 0.6, 17.95N, 66.84W, h20km, 8km, MD2.7, ML3.6, MW3.4, Presumed earthquake

NEIC 11 15:50:02.3, 1.2, 17.99N, 0.02:66.846W, 0.009, h10km, 1km, ML3.6/26, ML3.9(RSPR), Error ellipse: s-maj=3.4km s-min=2.0km az=173.0

RSPR 11 15:50:02.1, 17.96N, 66.84W, h8km, 1km ISC 11 15:50:01.4, 1.1, 17.94N, 0.05:66.83W, 0.02, h16km, 7km, n39, c0963/56, 10C-11D, Puerto Rico region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations and their associated data points.

BJI 11 15:55:39.1, 43.29N, 146.64E, h62km, mB5.0/14, mb4.5/57, Ms4.1/6, Ms7.3/8.6

MOS 11 15:55:39.7, 1.1, 43.37N, 146.44E, h59km, mb4.7/23, Error ellipse: s-maj=6.9km s-min=5.0km az=99.0

MOS Felt (IV) at Malokuril'skoe (III) at Yuzhno-Kuril'sk, Lagunnoye, Goryachiy Plyazh, Mendeleyevo, Golovino, NMR Nemuro-Hokkaido 51269PN D I 1555521 OSPZ.

SKHL 11 15:55:40.7, 0.2, 43.30N, 146.50E, h62km, 3km, mb6.1/5 IDC 11 15:55:40.8, 1.9, 43.45N, 146.43E, h44km, 17km, mb4.0/28, mbmp4.3/37, ML4.2/9, MS3.6/24, Error ellipse: s-maj=14.2km s-min=11.9km az=127.0

NEIC 11 15:55:40.9, 1.6, 43.42N, 0.08:146.4E, 0.1, h48km, 7km, mb4.7/26, Error ellipse: s-maj=14.5km s-min=10.9km az=123.0

NIED 11 15:55:41.2, 43.32N, 146.38E, h48km, MW4.6 Moment Tensor Solution. s3 Moment tensor: Scale 10^19Nm; Mn=0.19; Mw=9.60; Mx=9.41; My=1.31; Mz=1.71; Mn=0.90; Fault plane solution: Ms=9.79000x10^15 NP1: o=310.00000, s=81.00000, t=2.00000. NP2: phi=220.00000, s=88.00000, t=1.71.00000.

JMA 11 15:55:41.2, 0.2, 43.33N, 0.6:14.6E, h48km, 1km, MD4.8/40, MV5.3/40, OFF NEMURO PENINSULA

JMA Felt III J1 at OFF NEMURO PENINSULA ISC 11 15:55:40.8, 0.6, 43.36N, 0.04:146.43E, 0.04, h49km, 4km, n485, s190/448, mb4.6/128, MS3.8/18, 27C-9D, Kuril Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations and their associated data points.

Main table with columns: Station Name, Magnitude, Phase ID, Time, Res, ISC. Lists seismic events and their associated data points.

Main table with columns: Station Name, Magnitude, Phase ID, Time, Res, ISC. Lists seismic events and their associated data points.

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like TIXI, GUMO, ZAK, H11S1, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like Q17K, J19K, O18K, P18K, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other details. Includes stations like KNK, SML, H24K, F24K, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KURBB, BVAR, ILAR, QSPA.

DNK 11 18:23:56.6±1.8, 51.74N±16.55E, h0km, ML2.1, Suspected explosion
IPEC 11 18:23:59.1±0.2, 51.59N±16.16E, h1km, ML2.5/7, Error ellipse: s-maj=2.7km s-min=1.3km az=71.0

VIE 11 18:24:00.9±1.3, 51.44N±16.16E, h0km, mbmp3.4/3, ML2.1/3, Error ellipse: s-maj=32.5km s-min=9.8km az=111.0

PRU 11 18:24:01.7±0.5, 51.51N±15.98E, h0km, ISC 11 18:23:57.5±0.9, 51.56N±15.98E, h0km, n45, ±102/83, Poland

Main table of station data with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists numerous stations like KSP, CHVC, OSTC, UPC, DPC, etc.

comp=Z,5.0nm,0.9s

NEIC 11 18:24:13.3±1.0, 17.92N±0.04±66.85W±0.01, h10km±2km, ML3.3/26, Md2.5/11(RSPR), Error ellipse: s-maj=6.4km s-min=3.0km az=352.0

RSPR 11 18:24:13.4, 17.92N±66.86W, h14km, MD2.5/11 SDD 11 18:24:13.5±2.2, 17.90N±66.86W, h18km±15km, MD2.7, ML3.3, MW3.7, Presumed earthquake

ISC 11 18:24:12.7±1.0, 17.91N±0.05±66.84W±0.02, h18km±4km, n41, ±053/72, 6C-4D, Puerto Rico region

Main table of station data for Puerto Rico region with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like GBPR, OBIP, CRPR, etc.

RSPR 11 18:29:20.4, 17.86N±66.86W, h15km±1km, MD2.3/8 NEIC 11 18:29:20.2±1.1, 17.86N±0.03±66.85W±0.009, h10km±2km, ML2.7/26, Md2.3/8(RSPR), GD, Error ellipse: s-maj=5.8km s-min=3.0km az=359.0, Puerto Rico region

Main table of station data for Puerto Rico region with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like GBPR, OBIP, CRPR, etc.

Cerrillos 0.34 50 Pg Sg 18 29 26.8 ±0.1

Main table of station data for Puerto Rico region with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like LSP, UUPR, PRSN, etc.

IDC 11 18:32:52.9±1.0, 17.65N±66.65W, h0km, mb3.6/6, mbmp3.6/7, ML2.9/1, MS3.6/1, Error ellipse: s-maj=25.2km s-min=9.6km az=139.0

NEIC 11 18:32:53.7±1.1, 18.00N±0.06±66.79W±0.02, h24km±6km, mb4.3/5, ML4.3/30, Mw3.8/10, ML4.0/10(RSPR), Mw3.9/9(SLM), Error ellipse: s-maj=8.2km s-min=2.2km az=170.0, Moment Tensor Solution

Scale: 10^14Nm; Mw=0.35; Mw=6.15; Mw=5.80; Mw=2.68; Mw=1.09; Mw=0.18; Fault plane solution: M=6.65000±10^14 Np1=311.18000°, 879.86000°, 17.40000°. NP2=218.03000°, 872.88000°, 1.69.39000°. Principal axes: T=7.1849, P19.0000°, Azm175.0000°; N=1.2547, P19.0000°, Azm341.0000°; P=-5.9303, P19.0000°, Azm84.0000°

NEIC 11 18:32:53.6, 17.99N±66.79W, h26km PTWC 11 18:32:53.18, 18.00N±66.80W, h14km, M14.2/15 OSPL 11 18:32:55.4±0.3, 18.03N±66.79W, h16km±10km, ML3.8, Presumed earthquake

SDD 11 18:32:55.3±1.5, 18.03N±66.81W, h23km±9km, MD3.0, ML3.6, MW4.0, Presumed earthquake

RSPR 11 18:32:55.3, 18.02N±66.80W, h14km, MD3.3/10 NEIC 11 18:32:55.18, 18.02N±66.80W, h23km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mw=2.17; Mw=7.53; Mw=5.36; Mw=1.35; Mw=5.99; Mw=3.87; Fault plane solution: M=9.89000±10^14 Np1=22.00000°, 871.00000°, 159.00000°. NP2=290.00000°, 870.00000°, 20.00000°. Principal axes: T=9.8860, P19.0000°, Azm158.0000°; N=0.0016, P16.62000°, Azm67.0000°; P=-9.8876, P16.62000°, Azm249.0000°

ISC 11 18:32:53.0±0.7, 17.99N±0.03±66.80W±0.02, h26km±4km, n77, ±191/106, mb4.0/7, 6C-10D, Puerto Rico region

Main table of station data for Puerto Rico region with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations like GBPR, OBIP, CRPR, etc.

Table with columns: PRSN, comp, Station Name, Az, El, S, P, I, A, M, L, Time, Res. Includes stations like Puerto Rico Se, Experimental S, Esperanza - Ma, San Juan, etc.

Table with columns: CRPR, comp, Station Name, Az, El, S, P, I, A, M, L, Time, Res. Includes stations like Cabo Rojo, PR, Esperanza - Ma, San Juan, etc.

Table with columns: IDE, comp, Station Name, Az, El, S, P, I, A, M, L, Time, Res. Includes stations like Isla Desecheo, Col San Antoni, Punta Cana, DR, Higuey Centro, etc.

Table with columns: Code, Station Name, Az, El, S, P, I, A, M, L, Time, Res. Includes stations like Guanica, Bosqu, Magueyes Islan, etc.

Table with columns: Code, Station Name, Az, El, S, P, I, A, M, L, Time, Res. Includes stations like Guanica, Bosqu, Magueyes Islan, etc.

Table with columns: Code, Station Name, Az, El, S, P, I, A, M, L, Time, Res. Includes stations like Isla Desecheo, Col San Antoni, Punta Cana, DR, Higuey Centro, etc.

NEIC 11 18:42:16.2, 0.2, 17.93N, 0.09:66.84W, 0.04, h19km, 3km, ML3.6/26, Error ellipse: s-maj=13.0km s-min=5.9km az=178.0

SDD 11 18:42:17.0, 0.3, 17.91N, 0.66:82W, h12km, 9km, MD2.7, ML3.7, MW3.4, Presumed earthquake

ISC 11 18:42:16.0, 1.1, 17.91N, 0.06:66.83W, 0.03, h19km, 2km, n26, 0.921/32, 4C-2D, Puerto Rico region

NEIC 11 19:07:28.9, 17.96N, 66.83W, h13km, NEIC 11 19:07:28.8, 1.3, 17.96N, 0.03:66.809W, 0.009, h10km, 1km, ML2.5/30, ML2.8(RSPR), 5D, Error ellipse: s-maj=5.9km s-min=2.6km az=174.0, Puerto Rico region

NEIC 11 18:46:56.6, 1.0, 18.05N, 0.02:66.801W, 0.008, h10km, 1km, ML3.6/26, MD2.9/10(RSPR), Error ellipse: s-maj=3.9km s-min=2.9km az=191.0

RSPR 11 18:46:56.4, 18.03N, 66.80W, h10km, MD2.9/10, SDD 11 18:46:57.2, 2.4, 18.01N, 66.76W, h0km, 10km, MD2.9, ML3.4, MW3.1, Presumed earthquake

ISC 11 18:46:55.8, 0.9, 18.02N, 0.03:66.79W, 0.02, h18km, 4km, n48, 0.674/79, 7C-6D, Puerto Rico region

ISC 11 18:46:55.8, 0.9, 18.02N, 0.03:66.79W, 0.02, h18km, 4km, n48, 0.674/79, 7C-6D, Puerto Rico region

ISC 11 19:25:27.9, 2.6, 41.64N, 19.46E, h0km, mb4.0/3, mbmp3.7/6, ML2.9/3, MS2.9/1, Error ellipse: s-maj=38.4km s-min=19.1km az=1.0

TIR 11 19:25:29.8, 41.63N, 19.49E, h33km, 3km, M3.2/6, THE 11 19:25:30.1, 42.1N, 5.19E, h13km, M2.7/28, ML2.7/28, PDG 11 19:25:30.8, 0.2, 41.63N, 19.56E, h10km, MD3.1/2, ML3.0/11, Error ellipse: s-maj=0.7km s-min=0.7km az=0.0

BEO 11 19:25:30.8, 0.4, 41.58N, 19.52E, h10km, 2km, ML2.8/11, ISC 11 19:25:30.1, 1.0, 41.56N, 0.02:19.47E, 0.02, h14km, 7km, n120, 0.191/169, 14C-21D, Albania

ISC 11 19:25:30.1, 1.0, 41.56N, 0.02:19.47E, 0.02, h14km, 7km, n120, 0.191/169, 14C-21D, Albania

TIR 11 19:25:30.1, 42.1N, 5.19E, h13km, M2.7/28, ML2.7/28, PDG 11 19:25:30.8, 0.2, 41.63N, 19.56E, h10km, MD3.1/2, ML3.0/11, Error ellipse: s-maj=0.7km s-min=0.7km az=0.0

BEO 11 19:25:30.8, 0.4, 41.58N, 19.52E, h10km, 2km, ML2.8/11, ISC 11 19:25:30.1, 1.0, 41.56N, 0.02:19.47E, 0.02, h14km, 7km, n120, 0.191/169, 14C-21D, Albania

ISC 11 19:25:30.1, 1.0, 41.56N, 0.02:19.47E, 0.02, h14km, 7km, n120, 0.191/169, 14C-21D, Albania

TIR 11 19:25:30.1, 42.1N, 5.19E, h13km, M2.7/28, ML2.7/28, PDG 11 19:25:30.8, 0.2, 41.63N, 19.56E, h10km, MD3.1/2, ML3.0/11, Error ellipse: s-maj=0.7km s-min=0.7km az=0.0

BEO 11 19:25:30.8, 0.4, 41.58N, 19.52E, h10km, 2km, ML2.8/11, ISC 11 19:25:30.1, 1.0, 41.56N, 0.02:19.47E, 0.02, h14km, 7km, n120, 0.191/169, 14C-21D, Albania

ISC 11 19:25:30.1, 1.0, 41.56N, 0.02:19.47E, 0.02, h14km, 7km, n120, 0.191/169, 14C-21D, Albania

TIR 11 19:25:30.1, 42.1N, 5.19E, h13km, M2.7/28, ML2.7/28, PDG 11 19:25:30.8, 0.2, 41.63N, 19.56E, h10km, MD3.1/2, ML3.0/11, Error ellipse: s-maj=0.7km s-min=0.7km az=0.0

BEO 11 19:25:30.8, 0.4, 41.58N, 19.52E, h10km, 2km, ML2.8/11, ISC 11 19:25:30.1, 1.0, 41.56N, 0.02:19.47E, 0.02, h14km, 7km, n120, 0.191/169, 14C-21D, Albania

ISC 11 19:25:30.1, 1.0, 41.56N, 0.02:19.47E, 0.02, h14km, 7km, n120, 0.191/169, 14C-21D, Albania

TIR 11 19:25:30.1, 42.1N, 5.19E, h13km, M2.7/28, ML2.7/28, PDG 11 19:25:30.8, 0.2, 41.63N, 19.56E, h10km, MD3.1/2, ML3.0/11, Error ellipse: s-maj=0.7km s-min=0.7km az=0.0

BEO 11 19:25:30.8, 0.4, 41.58N, 19.52E, h10km, 2km, ML2.8/11, ISC 11 19:25:30.1, 1.0, 41.56N, 0.02:19.47E, 0.02, h14km, 7km, n120, 0.191/169, 14C-21D, Albania

ISC 11 19:25:30.1, 1.0, 41.56N, 0.02:19.47E, 0.02, h14km, 7km, n120, 0.191/169, 14C-21D, Albania

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANP Anpu, LATG Datong, NTST Danshui, etc.

NEIC 11 19:36:21.9-1.2, 17.97N, 0.03-66.83W, 0.01h, 10km, ML2.6/2.4, Error ellipse: s-maj=4.3km s-min=2.9km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Islan, etc.

RSRPR 11 19:37:09.9, 17.89N, 66.88W, h13km, MD2.2/4 NEIC 11 19:37:09.6-1.5, 17.86N, 0.04-66.883W, 0.009h, 10km, ML3.0/2.8, MD2.2/4(RSPR), 3C-2D, Error ellipse: s-maj=5.9km s-min=2.8km az=174.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Islan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MLPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

RSRPR 11 19:40:56.7, 17.90N, 66.85W, h12km NEIC 11 19:40:55.8-0.9, 17.85N, 0.03-66.821W, 0.009h, 10km, ML2.5/2.7, MD2.5/2.7(RSPR), 3C-5D, Error ellipse: s-maj=5.6km s-min=2.9km az=359.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Islan, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EMPR Esperanza - Ma, GBPR San Juan, etc.

NEIC 11 19:41:17.4-1.1, 17.88N, 0.03-66.85W, 0.01h, 10km, ML2.8/1.9, Error ellipse: s-maj=5.8km s-min=2.6km az=357.0, Puerto Rico region

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

NEIC 11 19:45:20.8-0.7, 17.94N, 0.03-66.802W, 0.008h, 10km, ML3.3/2.8, MD2.7/1.2(RSPR), Error ellipse: s-maj=5.3km s-min=2.7km az=175.0 RSPR 11 19:45:21.2, 17.96N, 66.83W, h15km, MD2.7/1.2 ISC 11 19:45:20.8-1.0, 17.96N, 0.04-66.82W, 0.02h, 18km, n34, 0.939/54, 3C-5D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Islan, etc.

NEIC 11 19:46:27.8-0.5, 11.5S, 12.5E, h10km, M3.9/13, mb4.16, MLV3.8/13, Timor region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOEI Soe, BATI Baumatata, etc.

Table with columns: D/BNI, PLAI, TWSI, Kabupaten Domp, Plampang, Taliwang, Sumb, 6.47 288, 6.89 284, 7.76 283, P, P, P, Pn, Pn, 19 48 03.0 -0.2, 19 48 09.1 +0.2, 19 48 19.4 -1.6

RSPR 11 19:50:51.1, 17.96N-66.83W, h16km, MD2.4/11
NEIC 11 19:50:51.2, 1.7, 99NL:0.03:66.80W,0.1, h10km, 1km,
ML3.3/27, MD2.4/11(RSPR), Error ellipse: s-maj=5.0km
s-min=2.7km az=171.0

SDD 11 19:50:52.0, 1.8, 17.95N-66.80W, h0km, 10km, MD2.8,
ML3.2, MWV3.0, Presumed earthquake
ISC 11 19:50:51.0, 1.0, 17.95N:0.04:66.81W:0.02, h18km, 4km,
n45, c090/71, 1C-8D, Puerto Rico region

Main table for station 785, listing Code, Station Name, Az, Phase ID, Time, Res, ISC, and various station codes like GBPR, MLPR, OBIP, etc.

NOU 11 19:55:37.5, 16.43S-167.89E, h90km, MLV4.5/13,
Vanuatu Islands, Vanuatu Islands

Table with columns: DVP, DVP, KOUNC, YATNC, DZM, ONTNC, Devils Point, Devils Point, Koumac, New Ca, Mamie plateau, Mont Dzumac, Ouen Toro, 1.32 168, 1.32 168, 5.34 219, 5.68 189, 5.78 193, 6.00 193, P, P, P, P, P, Pn, Pn, Pn, Pn, Pn, 19 56 02.0 +1.0, 19 56 19.6 +0.9, 19 56 55.4 +0.7, 19 56 58.5 -0.9, 19 57 01.4 +0.6, 19 57 03.7 -0.1

BUI 11 20:01:21.3, 4.50S:142.90E, h119km, mB4.9/m, mB4.5/27
NEIC 11 20:01:25.2, 1.6, 4.30S:0.05:142.21E:0.07, h103km, 5km,
mB4.6/70, Error ellipse: s-maj=10.2km s-min=7.6km
az=84.0

IDC 11 20:01:25.9, 0.6, 4.36S:142.03E, h112km, 4km, mB4.0/19,
mbmp4.4/24, MS3.2/5, Error ellipse: s-maj=12.7km
s-min=7.0km az=82.0

DJA 11 20:01:25.9, 0.4, 4.5S:142.2E, h109km, 4km, M4.8/31,
mB4.8/31, mS5.1/6, MLV5.0/7, MWV1B/4.6/6

Main table for station 2020 JAN, listing Code, Station Name, Az, Phase ID, Time, Res, ISC, and various station codes like JAY, JAY, JAY, GENI, etc.

Main table for station 11d 20h, listing Code, Station Name, Az, Phase ID, Time, Res, ISC, and various station codes like PSA00, KKM, BBOO, BBOO, BBOO, SBUM, SBUM, CAN, CAN, MEEK, GIRL, TOO, BBJ, TPUB, MORW, MORW, MORW, BLDU, KLB, MYKOM, MYKOM, MJAR, MJAR, IPM, IPM, NJ2, NJ2, KULM, KULM, KULM, KSR, KSR, RPSI, RPSI, GSI, GSI, GSI, URZ, RTZ, RTZ, BKZ, BSW, KHZ, BFZ, CMAR, CMAR, CHTO, PZH, HHC, HHC, LZDM, MORE, MORE, HILR, SHL, SHL, GTA2, GTA2, PETK, PETK, PETK, LSA, LSA, SONM, SONM, SONM, SONM, WUS, MKAR, MKAR, MKAR, MKAR, VANDA, VANDA, VANDA, PRZ, PRZ, TARG, KSH2, KSH2, KSH2, NIL, ZAAO, ZALV, ZALV, ZALV, BOOM, BOOM, TIXI, AAK, KURK, KURK, KURB, KURBB, ARSB, ARSB

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PRSN Puerto Rico Se, CELP Cerrillos, UUPR Utuado, UPR, P, AOPR Arecibo Observ, etc.

RSPR 11 20:51:05.6, 17.92N:66.87W, h8km, MD2.5/12
SDD 11 20:51:07.0, 1.6, 17.93N:66.86W, h0km, 10km, MD2.6,
ML3.2, MW3.0, Presumed earthquake
NEIC 11 20:51:05.4, 0.5, 17.90N:0.04:66.859W, 0.009, h8km, 3km,
ML3.2/21, MD2.5/12(RSPR), 4C-8D, Error ellipse:
s-maj=5.8km s-min=1.2km az=182.0, Puerto Rico
region

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include GBPR Guanica, Bosqu, GBPR Guanica, Bosqu, GBPR Maguayes Islan, etc.

DNK 11 20:53:32.4, 1.2, 51.42N:16.34E, h0km, ML2.3, Suspected
explosion
IDC 11 20:53:35.9, 0.8, 51.42N:15.97E, h0km, mbmp3.3/6,
ML2.5/6, Error ellipse: s-maj=16.6km s-min=8.5km
az=97.0
VIE 11 20:53:35.6, 0.6, 51.41N:16.32E, h0km, mb2/13,
ml2.9/16, ms3.8/1, Error ellipse: s-maj=7.7km s-min=4.2km
az=70.0 60 km NW of Wroclaw Suspected Mining
induced.

IPEC 11 20:53:35.1, 0.2, 51.42N:16.38E, h1km, ML2.6/7, Error
ellipse: s-maj=2.5km s-min=1.3km az=75.0
PRU 11 20:53:36.5, 51.39N, 16.26E, h0km
ISC 11 20:53:34.0, 0.7, 51.48N:0.03:16.25E:0.02, h0km, n59,
+1507/108, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KSP Ksiaz, CHVC Chvalez, OSTC Ostas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PIVO Bartosovice, PIVO Pankas Ves, PVCC Pankas Ves, etc.

RICC Richard
RYBO Ceska Rybná
RYCB comp=Z,65nm,0.2s,baz=7.0
STEB Steborice
PRU Prunehonic
MORC Moravsky Kriz

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include MORC Moravsky Kriz, HSKC Hora Svate Kat, CLL Colim, etc.

LANS Liptovska Anna
LANS LANS
MODS Modra-Piesok
CONA Conrad Observa
CONA CONA
BSD Bornholm Skovb
RONA Rosalia, Austr
RONA RONA
MOA Molin
MOA MOA
BIOA Bad Ischl, Aus
BIOA BIOA
ARSA Arzberg
LUNU Lund
LUNU LUNU
LESA Schwarzleotol
LESA LESA
KBA Koelnbreinsper
SOKA Soboth
BJUU Bjuv
OBKA Obir
MYKA Terra Mystica
WATA Walderalm
WATA WATA
WTTA Wattenberg
WTTA WTTA
DEL Delary
DEL DEL
MOALS Moosalm
ABTA Abfaltersbach
ABTA ABTA
RETA Reutte
RETA RETA
RETA RETA
SOTA Sankt Quirin
SOTA SOTA
FETA Feichten
DAVOX Davos/Dischmet
AKASG Malin Array Be
HFS Hagfors
NOA NORSAR Array B

WATA Wattenberg
WTTA WTTA
DEL Delary
DEL DEL
MOALS Moosalm
ABTA Abfaltersbach
ABTA ABTA
RETA Reutte
RETA RETA
RETA RETA
SOTA Sankt Quirin
SOTA SOTA
FETA Feichten
DAVOX Davos/Dischmet
AKASG Malin Array Be
HFS Hagfors
NOA NORSAR Array B

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include WATA Wattenberg, WTTA WTTA, DEL Delary, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include FINES FINES Array B, ARCES ARCES Array B, ASRS 11 21:20:23.4, etc.

ASRS 11 21:20:23.4, 54.2N:0.7:86.4E:0.7, h6km, 4km, MLh4, 1/24,
confirmed
NNC 11 21:20:23.8, 1.6, 54.25N:86.50E, h0km, mb4.0, mpv3.9,
Error ellipse: s-maj=15.1km s-min=7.2km az=4.0,
Suspected Mining explosion
IDC 11 21:20:26.1, 1.3, 54.18N:86.44E, h0km, mb3.8/1,
mbmp3.9/6, ML3.6/5, MS3.0/1, Error ellipse: s-maj=12.4km
s-min=10.7km az=106.0
ISC 11 21:20:25.7, 0.7, 54.21N:0.02:86.38E:0.02, h0km, n45,
+1522/82, 13C-18D, Southwestern Siberia

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include BJR4 Bachatsky-4, K, BJR4 Bachatsky-3, BJR3 Bachatsky-3, etc.

RSPR 11 21:20:46.3, 17.94N:66.84W, h13km, MD2.4/11
NEIC 11 21:20:45.8, 1.1, 17.90N:0.03:66.808W:0.005,

11d 21h

h10km,1km,ML2.9/28,MD2.4/11(RSPR),4C-6D,Error ellipse: s-maj=5.6km s-min=2.9km az=356.0, Puerto Rico region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time h m s, Res ISC. Lists seismic stations and their characteristics.

NEIC 11 21:26:43.7±1.2, 17.88N±0.03±66.817W±0.004, h10km,1km,mb4.2/5,ML4.0/34,ML3.6/11(RSPR), Error ellipse: s-maj=5.0km s-min=2.9km az=1.0

OSPL 11 21:26:44.7±2.2, 17.83N±66.86W, h0km±26km, ML3.8, Presumed earthquake

RSPR 11 21:26:44.2±1.90N±66.84W, h8km, MD3.1/11 SDD 11 21:26:45.9±2.8, 17.91N±66.83W, h0km±11km, MD3.5, ML3.7, MW3.5, Presumed earthquake

ISC 11 21:26:43.4±0.9, 17.87N±0.05±66.81W±0.02, h14km±5km, n66, e087/94, mb4.2/3, 6C-7D, Puerto Rico region

Table with columns: ECPR, Station Name, Δ°, AZ°, Op, ISC, Time h m s, Res ISC. Lists seismic stations and their characteristics.

NEIC 11 21:30:23.0±0.1, 42.51N±77.95E, h18km, mb2.3 NNC 11 21:30:23.3±0.5, 42.58N±78.00E, h0km, mb2.3, mpv2.7, Error ellipse: s-maj=4.6km s-min=1.5km az=0.0

SOME 11 21:30:23.1, 42.50N±77.97E, h15km, Presumed earthquake

ISC 11 21:30:23.3±1.0, 42.50N±77.94E±0.02, h13km±9km, n35, e1976/67, 9C-9D, Lake Issyk-Kul region

Table with columns: UZB, Station Name, Δ°, AZ°, Op, ISC, Time h m s, Res ISC. Lists seismic stations and their characteristics.

NEIC 11 21:39:42.8±0.8, 17.89N±0.03±66.81W±0.01, h10km±2km, ML3.5/28, Error ellipse: s-maj=4.6km s-min=2.9km az=345.0

SDD 11 21:39:44.3±1.9, 17.93N±66.80W, h0km±7km, MD2.9, ML3.4, MW3.2, Presumed earthquake

OSPL 11 21:39:44.2±0.8, 17.95N±66.82W, h0km±12km, ML3.3, Presumed earthquake

ISC 11 21:39:42.9±1.0, 17.92N±0.05±66.82W±0.03, h16km±6km, n31, e087/48, Puerto Rico region

Table with columns: S/GJ, San Juan, 0.66, 73, i P, Pb, 21 39 55.7, -0.4, 21 40 05.1, 0.0, 21 40 05.3

RSPR 11 22:11:22.4, 18.01'N, 66.71'W, h14km, 1km, MD2.6/8, NEIC 11 22:11:22.2, 1.1, 17.98'N, 0.03:66.70'W, 0.01, h10km, 1km, ML3.1/30, Md2.6/8(RSPR), Error ellipse: s-maj=5.6km

ISC 11 22:11:21.8-1.1, 18.00'N, 0.04:66.72'W, 0.02, h23km, n33, 0.64/56, 10C-3D, Puerto Rico region

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

RSPR 11 22:15:03.3, 17.93'N, 66.87'W, h11km, MD2.5/7, NEIC 11 22:15:02.6-1.0, 17.87'N, 0.03:66.86'W, 0.01, h10km, 1km, ML2.8/30, Md2.5/7(RSPR), 10C-1D, Error ellipse: s-maj=5.4km s-min=2.9km az=13.0, Puerto Rico region

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Main table with columns: LSP, Las Mesas, 0.37, 324, eP, Pg, 22 15 09.8, -0.2, 22 15 15.0, +0.1, 22 15 09.8, -0.2

IDC 11 22:25:40.1-0.9, 7.6'04'N, 59.95'W, h0km, mb3.4/9, mbmp3.5/9, MS3.6/11, Error ellipse: s-maj=28.3km s-min=18.6km az=157.0

ISC 11 22:25:41.5-0.8, 7.6'04'N, 0.2:60.0'W, 0.1, h10km, n18, 0.19/3.9, mb3.5/9, MS3.7/11, Western Kalaallit Nunaat

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

IDC 11 22:47:02.6-2.0, 1.25'N, 126.78'E, h0km, mb3.5/4, mbtmp3.5/4, Error ellipse: s-maj=213.0km s-min=22.2km az=66.0, Northern Molucca Sea

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

IDC 11 22:52:14.3-3.8, 6.46'S, 103.32'E, h0km, mb3.6/6, mbtmp3.6/6, Error ellipse: s-maj=134.2km s-min=61.4km az=53.0

DJA 11 22:52:17.5-0.7, 7.7'S, 4.10'E, h10km, M3.5/7, MLv3.5/7

ISC 11 22:52:18.8-1.2, 6.56'S, 0.09:103.65'E, 0.09, h35km, n25, 0.18/19, mb3.7/6, Southwest of Sumatera

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Main table with columns: H08S2, Diego Garcia H, 30.93, 266, T, T, 23 31 01.3, H08S3, Diego Garcia H, 30.94, 266, T, T, 23 30 52.4

IDC 11 22:56:54.0-1.1, 13.02'N, 143.71'E, h201km, 18km, mb3.2/8, mbtmp3.7/8, MS3.6/1, Error ellipse: s-maj=45.6km s-min=15.8km az=90.0

ISC 11 22:56:53.8-0.9, 13.03'N, 0.2:143.7'E, 0.2, h200km, n10, 0.67/4.0, mb3.4/8, South of Marignia Islands

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

IDC 11 22:58:35.2-1.8, 1.02'N, 126.51'E, h0km, mb3.7/4, mbtmp3.8/4, Error ellipse: s-maj=192.1km s-min=21.0km az=66.0

DJA 11 22:58:42.8-0.4, 1.2'N, 2.12'E, h53km, 10km, M3.5/7, MLv3.5/7

ISC 11 22:58:41.6-1.0, 1.10'N, 0.05:126.69'E, 0.07, h39km, n9, 1.17/12, mb3.7/4, Northern Molucca Sea

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

RSPR 11 22:14:05.0, 17.94'N, 66.85'W, h18km, MD2.4/4, NEIC 11 22:14:05.0-1.4, 17.94'N, 0.03:66.81'W, 0.008, h10km, 1km, ML2.5/30, Md2.4/4(RSPR), 7C-3D, Error ellipse: s-maj=5.7km s-min=2.7km az=178.0, Puerto Rico region

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

IDC 11 22:14:05.0-1.4, 17.94'N, 0.03:66.81'W, 0.008, h10km, 1km, ML2.5/30, Md2.4/4(RSPR), 7C-3D, Error ellipse: s-maj=5.7km s-min=2.7km az=178.0, Puerto Rico region

Main table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like HFS Hagfors, FINES FINES Array B, EKA Eskdalemuir Ar, NB2 NORARS Subarra, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like AGPR comp=Z,37um,0.4s, EMPPR Esperanza - Ma, EMPPR Esperanza - Ma, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like 456A Hilliard, Y60A Bolivia, JTS Las Juntas de, etc.

IDC 11 23:49:38.1±0.5, 17.85N:66.85W, h0km, mb4.2/22, mbmp4.3/26, ML3.4/4, MS3.7/31, Error ellipse: s-maj=13.1km s-min=7.7km az=166.0

NEIC 11 23:49:38.1792N:66.73W, h14km, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=0.34; Mw=2.92; Ms=2.57; Mn=0.23; Mw7.04; Mw2.10; Fault plane solution: M7.950000x10^19; NP1=191.000000; 88.000000; -1.165.000000; NP2=100.000000; 167.000000; -1.5.000000; Principal axes: T 7.8524, P1g7.0000, Azm325.0000; N -0.0013, P1g74.0000; Azm209.0000; P -7.8511, P1g14.0000; Azm57.0000; N-1C 11 23:49:39.2, 17.84N:66.78W, h6km

NEIC 11 23:49:40.1±1.5, 17.90N:0.04-66.80W:0.05, h10km±1km, mb4.8/87, ML5.0/39, Mw4.5/36, ML4.6/9(RSPR), Mw4.5/13(SLM), Error ellipse: s-maj=8.9km s-min=6.2km az=111.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=2.51; Mw=3.41; Ms=0.90; Mn=0.97; Mw6.52; Mw1.93; Fault plane solution: M7.520000x10^19; NP1=96.000000; 86.9.830000; -1.18.490000; NP2=192.580000; 87.2.680000; -1.158.820000; Principal axes: T 1.8336, P1g2.0000; Azm324.0000; N -1.4289, P1g63.0000; Azm230.0000; P -6.7047, P1g27.0000; Azm55.0000

RSPR 11 23:49:40.6, 17.94N:66.84W, h8km, MD3.5/9, CATAC 11 23:49:41.4±0.4, 18°N±4'6"W±1', h1km±4km, M5.1/9, mb4.9/6, mB5.2/2, MLV5.3/9, Mw(mB)4.6/2, Error ellipse: s-maj=9.4km s-min=2.8km az=10.9, confirmed

OSPL 11 23:49:41.2±2.8, 17.89N:66.81W, h0km±24km, ML4.5, Presumed earthquake

ISC 11 23:49:39±0.8, 17.87N:0.03-66.82W:0.02, h10km±5km, m276.±1444/301, mb4.7/67, MS3.8/28, 2C-5D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like GBPR Guanica, Bosqu, GBPR Guanica, Bosqu, MLPR Magueyes Islan, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like LONEI El Aguacate, LONE3 comp=Z,371nm,0.6s, MBWF Flemmings, Mon, MBWL Windy Hill, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like CLDB Colider, DEOK Depue dos Gas, WMOK Wichita Mountain, etc.

Table with columns: AC02, AC01, AACL, TINO, ACAN, ACHE, BO02, ORTH, LTHK, KYPS, RTZL, ARG2, ARG2, VLS, VLS, CLEM, DMLN, DMLN, YSKI, YRMI, FSK, RLS, RNX, AXS, AXS, EVGI, NYDR, NYDR, LK2D, LK2D, TSLK, ITM, PYP, EFL, KLV, KLV, ANX, ANX, KALE, GUR. Includes station names, coordinates, and time data.

Table with columns: GZR, SIRR, MORH, ATH, ISC, Code, Station Name, Phase ID, Time, Res. Includes station names like Gura Zlata, Siria, Mrgy, Hungary and various codes.

Table with columns: HUMP, DR12, BANI, SDDR, NEIC, AEC12, ANF, ISC. Includes station names like Col San Antoni, Loma Pena Alta, BANI, Presa de Saban and various codes.

TIR 12:00:18:18.9, 41.55N:20.53E, h19km, 1km, M2.6/6
SKO 12:00:18:18.6, 41.51N:20.41E, h12km, ML2.4
PDG 12:00:18:19.5, 0.4, 41.52N:20.45E, h0km, 1km, ML2.5/10, Error ellipse: s-maj=0.7km s-min=1.0km az=0.0

BE0 12:00:18:20.4, 0.3, 41.50N:20.53E, h0km, ML2.3/13
THE 12:00:18:21.6, 41.1N:11.2E, h0km, 9km, M2.3/6, MLh2.3/6

ISC 12:00:18:19.2, 1.0, 41.50N:0.02:20.46E, 0.02, h5km, 9km, n64, c1528/105, 9C-7D, Albania

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations including Peshkopia, Ohrid, Korca, Ulcinj, Plav, Nestorio, Podgorica, Barje, Kipourio, Niksic, Herceg Novi, Selova, Sjenica, Bosilegrad, Kerkira, Igomonitsa, Trebinje, Plijevija, Ivanjica, Rudko, Klokotos Trika, Bovan, Polygyros, Divlbar, Zajecar, Trudelj, Agios Georgios, Kucevo, Tekeris, Avala Beograd, Moldovita, Plevna, Herculane, Vrsac, Fruska Gora, Buzias.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations including Orthonies, Zaky, Lithakia, Kipselli, Zakynthos, Ratzakli, Argostoli, Valsamata, Damouliana, Vasilikiades, Fiskardo, Rilos, Araxos, Lefkada island, Artemida-Makis, Drossia, Dragano-Lefkad, Nydri-Lefkada, Tsoukalades, Pyllos, Kalavryta, Anaxochora, Kallithea, Goura.

NEIC 12:00:36:28.6, 1.4, 17.98N:0.03:66.811W:0.008, h10km, 1km, ML3.5/30, MD2.4/11(RSPR), Error ellipse:

RSPR 12:00:36:28.5, 17.97N:66.831W, h15km, MD2.4/11
ISC 12:00:36:28.0, 0.1, 17.98N:0.04:66.82W:0.02, h17km, 5km, n36, c067/55, 3C-3D, Puerto Rico region

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations including Guanica, Bosqu, Magueyes Islan, Obispo Ponce, Cerrillos, Cabo Rojo, Puerto Rico Se, Puerto Rico Se, Experimental S, Esperanza - Ma, Esperanza - Ma, San Juan, Isla Desecheo, Isla Desecheo, Guaynabo City, Col San Antoni, Col San Antoni.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists numerous stations including Korovin Northe, Korovin Southe, Korovin Volcan, Korovin Flat P, Korovin West, Mount Kluchef, Atka Island, Igitkin Island, Cleveland East, Great Sitkin T, Great Sitkin M, Great Sitkin C, Concord Point, Adak, Nikolski Hill, Nikolski Hill, Nikolski Hill, Kanagawa Island, Gareloi Southw, Unalaska Valle, Unalaska Valle, Saint George I, Saint George I, Saint George I, Akutan Long Va, Cerberus, Akutan, Amchitka, Little Sitkin, False Pass, False Pass, Dutton Round H, Dutton South F, Pavlof Volcano, Sand Point, Charnabura Isl, Charnabura Isl, Mekoryuk, Mekoryuk, Kuskokwak Cree, Ungalikthiuk R, Bethel, Kusilvak Mount, Kusilvak Mount, Kuk Creek, Kasiglik River, Nushagak River, Nushagak River, Peulik Vol, Kolkov River B, Ungalik Mouta, King Salmon, Nishlik Lake, Nishlik Lake, Koliganek Bris, Kivchak River, Kivchak River, Angle Creek He, Owhat River, Sitkinak Islan, Nushagak Hills, Karluk, Big Mountain, Big Mountain, Hofitna River, Koktuk Hills, Koktuk Hills.

12d Oh

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like OHAK Old Harbor, N18K Kilae Creek, J16K Anvik River, etc.

2020 JAN

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like PEAOB Petropavlovsk-PETK, COLA College, N25K Chitina, Valde, etc.

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Table with columns: Station ID, Name, Time, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like HHC, TXAR Lajitas Array, TXAR Lajitas Array, etc.

NEIC 12 00:58:24.8±0.9, 17:77N:0:04:66:87W:0:01, h8km±7km, m3.7/1, ML3.7/1, ML4.1 (RSPR). Error ellipses: s-maj=5.7km, s-min=1.9km, az=186.0. IDG 12 00:58:24.1±0.7, 17:75N:66:89W, h0km, mb3.7/13, mbmp3.7/15, ML2.8/2, Error ellipses: s-maj=17.4km, s-min=9.3km, az=152.0. PTWC 12 00:58:25.17:90N:66:80W, ML4.2/16 RSPR 12 00:58:25.2, 17:81N:66:87W, h5km ISC 12 00:58:24.5±0.5, 17:70N:0:04:66:88W±0.02, h10km, n74, ±170/85, mb3.8/15, 1C-9D, Puerto Rico region

Table with columns: Code, Station Name, Time, Azimuth, Elevation, Frequency, Power, and other parameters. Includes stations like GBPR Guanica, Bosqu, GBPR Guanica, Bosqu, MLPR Magueyes Islan, etc.

Table with columns: ID, Name, Time, Res, Station, Code, and various parameters. Includes entries like Willow, Rabbit Creek A, Shalercuk Mo, Lake Minchumir, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, h, m, s, ISC, Res. Includes entries like Magueyes Islan, Cabo Rojo, Puerto Rico Se, etc.

Table with columns: ID, Name, Time, Res, Station, Code, and various parameters. Includes entries like Santiago de lo Presa de Saban, Morné Mazeau, Grand Turk, etc.

Table of station data for the first section, including columns for station name, coordinates, and status. Stations include ABKAR, ARSB, AKTO, KSH2, etc.

Table of station data for the second section, including columns for station name, coordinates, and status. Stations include ESDC, PAB, EKA, TOR, etc.

Table of station data for the third section, including columns for station name, coordinates, and status. Stations include CRIG, PPCL, PPBT, etc.

DC 12 03:30:19.5:3.5, 8.28S; 119.62E, h191km, 29km, mb2.7/3, mbmp3.6/7, Error ellipse: s-maj=91.5km s-min=15.3km az=6.0

DJA 12 03:30:19.9:0.3, 8.54S; 12.02E, h162km, 5km, M4.0/13, mb4.92, MLV4.0/13

ISC 12 03:30:18.9:0.0, 8.835S; 0.06:119.67E:0.06, h170km, n30, -212/38, Flores region

Table of station data for the fourth section, including columns for station name, coordinates, and status. Stations include LBFJ, WBSI, DBNI, etc.

GCG 12 03:49.2:2.1, 15.68N; 93.83W, h38km, 999km, MD3.9, Presumed earthquake

MEX 12 03:48.9:1.5, 16.15N; 94.20W, h99km, 8km, MD4.2

ISC 12 03:48.9:1.5, 16.15N; 0.05:93.78W:0.03, h84km, 13km, n27, -1973/49, Near coast of Chiapas

Table of station data for the fifth section, including columns for station name, coordinates, and status. Stations include PCIG, UXUV, TGIG, etc.

RSPL 12 03:41:52.3, 17.95N; 66.86W, h13km, NEIC 12 03:41:53.4:1.8, 18.03N; 0.01:66.86W:0.009, h10km, 1km, ML2.6/24, ML2.4z(RSP), 5D, Error ellipse: s-maj=3.0km s-min=2.4km az=164.0, Puerto Rico region

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Cabo Rojo, Obispo Ponce, Las Mesas, Utuado, etc.

IDC 12 03:44:05.6.6.1.7.03S.149.79E, h46km, 53km, mb3.4/3, mbmp3.7/5, ML1.5/1, Error ellipse: s-maj=65.9km s-min=37.4km az=115.0

ISC 12 03:44:04.0.1.3.7.1S.0.3.150.0E.0.3, h34km, n6, c19107, mb3.5/3, New Britain region

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

IDC 12 03:52:55.1.18.0.37.11N.71.35E, h176km, 135km, mb3.6/4, mbmp4.0/6, MS4.0/2, Error ellipse: s-maj=177.5km s-min=71.1km az=171.0

ISC 12 03:52:53.3.5.9.37.1N.0.6.71.2E.0.3, h150km, m10, c0549H, mb4.0/4, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Makanchi Array, Borovoye Array, ZALV, etc.

TIR 12 03:56:59.7.41.52N.20.47E, h162km, 1km, M13.1/8 SKO 12 03:56:59.4.41.51N.20.39E, h111km, ML3.1

PDG 12 03:57:00.7.0.6.41.49N.20.37E, h111km, 1km, ML3.0/10, Error ellipse: s-maj=10.6km s-min=1.0km az=0.0

BEQ 12 03:57:01.0.3.41.49N.20.48E, h0km, ML2.6/13 ISC 12 03:56:57.1.1.41.47N.02.20.48E.0.02, h1km, 10km, n91, c1516/132, 7C-12D, Albania

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Peshkopia, Ohrid, Tirane, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ULC, Nestorio, Plav, Viora, etc.

CEME Cevo 1.59 313 P Pn 03 57 28.2 -0.9 CEME Kipourio 1.66 156 P Sn 03 57 11.1 +0.8

PRMD Pramanda 2.00 166 P Pn 03 57 37.5 -0.4 KKB Krupnik 2.02 79 P Pn 03 57 36.2 -1.0

TRAN Tran 2.11 49 P Pn 03 57 37.3 -1.5 IVAS Ivanjica 2.12 353 P Sn 03 57 36.7 +0.3

TETR Tetraokomo, Epi 2.21 56 P Pn 03 57 41.9 -0.1 BOVS Bovan 2.34 22 P Pn 03 57 40.4 +1.0

VTOS Vitoshka 2.35 60 P Pn 03 57 40.7 +2.3 SRS Serrai 2.37 98 P Pn 03 57 40.9 -2.3

ZAPS Zavoj 2.40 41 P Pn 03 57 41.5 +1.2 GRUS Gruza 2.42 4 ePn Pn 03 57 42.1 +1.3

MMB Musomishtia 2.45 87 P Pn 03 57 42.2 -2.5 MMB Musomishtia 2.45 87 P Pn 03 57 42.1 -2.5

BLSH Balsha 2.50 55 P Pn 03 57 48.6 +1.0 STON Ston 2.50 55 P Pn 03 57 42.5 +1.0

STON Lazii#2631 2.52 342 P Pn 03 58 14.1 +1.4 BLS BLS 2.52 342 P Pn 03 58 14.1 +1.4

AMP1 Ampelaki 2.61 357 P Pn 03 57 45.7 -1.5 DIVS Divibare 2.65 352 P Pn 03 57 44.9 +1.2

ZAJC Zajcar 2.67 28 eSn Pn 03 58 17.6 +1.1 ZAGS Zagrad 2.67 28 eSn Pn 03 57 42.7 +0.3

BORS2 Bor-Borsko je 2.85 23 ePn Pn 03 57 46.9 +0.5 KUBS Kucevo 3.07 16 ePn Pn 03 57 49.3 -0.1

TEKS Tekeri 3.15 347 ePn Pn 03 57 51.1 +0.5 RZN Rozhen 3.20 85 P Pn 03 57 52.9 +1.6

AVAS Avalia Beograd 3.22 0 ePn Pn 03 57 41.7 +0.2 MDVR Moldovita 3.43 15 P Pn 03 57 55.1 +0.7

TIP Tipingrande 3.66 232 P Pn 03 57 56.6 -0.9 HERR Herculanu 3.69 22 P Pn 03 57 58.8 +0.9

VRSS Vrsac 3.70 9 ePn Pn 03 57 58.3 +0.2 FRGS Fruska Gora 3.72 353 ePn Pn 03 57 58.7 +0.4

BLY Banja Luka 4.07 325 P Pn 03 58 03.2 0.0 BZS Buzias 4.22 11 P Pn 03 58 07.0 +1.7

GZR Gura Zlata 4.26 22 P Pn 03 58 07.1 +1.3 ELND Elena 4.26 68 P Pn 03 58 07.4 +1.6

LOT Lotru 4.58 10 P Pn 03 58 12.3 +1.2 MORH Mirogy, Hungar 4.92 345 P Pn 03 58 04.3 +0.4

MARR Marisel-Cluj 5.54 19 P Pn 03 58 25.1 +1.7 DRGR 5.55 16 P Pn 03 58 25.5 +1.9

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like VRLE, GPS1, GPS2, BUAI, etc.

NEIC 12 04:20:48.5.18.241.1S.0.1.179.6W.0.2, h515km, 19km, mb4.3/16, Error ellipse: s-maj=28.4km s-min=6.5km az=50.0

IDC 12 04:20:53.5.5.9.23.91S.179.88W, h572km, 64km, mb3.4/7, mbmp4.3/8, Error ellipse: s-maj=42.5km s-min=21.0km az=63.0

ISC 12 04:20:48.0.0.7.24OS.0.1.179.6W.0.1, h512km, n27, c1921/28, mb4.2/13, South of Fiji Islands

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

BFZ Banzhu Farm 26.36 250 P P 04 24 16.1 -2.2 ARMA Armaidale 26.36 250 P P 04 25 42.3 -0.7

EIDS Eidsvold 26.69 261 P P 04 25 45.4 -0.4 EIDS Eidsvold 26.69 261 P Iamb Iamb 04 26 16.0

CTAO Charters Tower 31.88 270 P Iamb Iamb 04 26 31.2 +0.3 CTAO Charters Tower 31.88 270 P Iamb Iamb 04 26 31.6

TOO Toolangi 32.73 237 P P 04 26 38.3 +0.2 TAU Tasmania Unia 33.16 227 P P 04 26 42.0 +0.4

STKA Stephens Creek 35.06 248 P P 04 26 57.3 -0.4 STKA Stephens Creek 35.06 248 P Iamb Iamb 04 26 57.5 -0.2

BBOO Bucleboe 39.77 247 P P 04 27 35.2 -1.1 ASAR Alice Springs 42.41 261 P P 04 27 56.9 -0.7

ASAR Alice Springs 42.41 261 P P 04 27 56.9 -0.7 ASAR Alice Springs 42.41 261 P P 04 29 38.4 -0.7

WR8 Warramunga Arr 42.65 266 P P 04 27 58.4 -1.0 WRA Warramunga Arr 42.80 266 P P 04 27 59.5 -1.1

WRA Warramunga Arr 42.80 266 P P 04 27 59.2 -1.3 FORR Forrest 46.65 250 P P 04 28 29.0 -1.1

KNRA Kununurra 49.09 270 P Iamb Iamb 04 28 48.2 -0.3 KNRA Kununurra 49.09 270 P Iamb Iamb 04 29 11.9

VNDA Vanda 54.32 185 P P 04 29 26.9 +1.7 VNDA Vanda 54.32 185 P P 04 29 27.0 +1.7

MORW Morawa 57.22 250 P Iamb Iamb 04 29 45.5 -0.8 MORW Morawa 57.22 250 P Iamb Iamb 04 30 02.1

GSPA South Pole Qui 66.09 180 P P 04 30 44.9 +1.1 GSPA South Pole Qui 66.09 180 P P 04 30 45.2 +1.5

BELA Belgrano 2 76.29 173 P P 04 31 43.7 +0.3 BELA Belgrano 2 76.29 173 P Iamb Iamb 04 32 13.4

MAW Mawson 77.80 200 P P 04 31 52.1 +0.4 MAW Mawson 77.80 200 P P 04 31 52.1 +0.4

PETK Petropavlovsk 79.29 346 P P 04 31 59.7 0.0 PETK Petropavlovsk 79.29 346 P P 04 31 59.7 0.0

HFS Hagfors 142.73 349 PKP PKP 04 39 19.5 -2.7 HFS Hagfors 142.73 349 PKP PKP 04 39 19.5 -2.7

NEIC 12 04:21:00.1.1.0.17.82N.0.03.66.851W.0.008, h10km, 1km, ML3.4/28, MD2.6/11 (RSPR), Error ellipse: s-maj=5.7km s-min=2.9km az=1.0

RSPR 12 04:21:00.9.17.87N.66.866W, h7km, MD2.6/11 SDD 12 04:21:00.9.9.2.0.18.01N.66.99W, h12km, 14km, MD3.3, ML2.2.9, MW3.3, Presumed earthquake

ISC 12 04:21:00.4.1.1.17.85N.0.06.86.85W.0.02, h15km, 6km, n40, c0773/63, 13C-6D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MLPR, CRPR, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes Rico region stations like Maguueyes Islan, Obispo Ponce, and Cabo Rojo, PR.

KRSC 12 05:01:16.8±1.5, 51.20N±157.23E, h129km, 8km, M3.6
IDC 12 05:01:20.5±2.3, 51.61N±156.83E, h131km, 26km, mb3.0/3, mbtmp3.7/4, MS3.4/1, Error ellipse: s-maj=74.5km, s-min=18.8km az=138.0

ISC 12 05:01:20.0±1.0, 51.33N±157.2E±0.1, h123km, 7km, n25, ±0.95/35, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Pauzhetka, Khodutka, Kamc, and various other seismic stations.

RSRP 12 05:15:35.2, 17.88N±66.86W, h11km±1km, M0.02, 2.2
NEIC 12 05:15:34.5±1.2, 17.85N±0.04±66.842W±0.006, h10km±2km, ML2.7/28, Md2.2/4(RSPR), 9C-1D, Error ellipse: s-maj=6.3km s-min=3.0km az=354.0, Puerto Rico region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Maguueyes Islan, Obispo Ponce, and Cabo Rojo, PR.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Cabo Rojo, PR, Cerrillos, and various other seismic stations.

NEIC 12 05:17:09.7±1.1, 17.835N±0.009±66.83W±0.01, h11km±2km, ML3.1/28, ML3.0/2(RSPR), Error ellipse: s-maj=3.1km s-min=2.0km az=354.0
SDD 12 05:17:11.6±2.2, 17.91N±66.84W, h12km±28km, MD3.3, ML3.0, MW2.9, Presumed earthquake

RSRP 12 05:17:11.2, 17.93N±66.85W, h10km±1km
ISC 12 05:17:10.1±1.1, 17.88N±0.05±66.83W±0.02, h11km±5km, n38, ±0.72/62, 20C-2D, Puerto Rico region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Maguueyes Islan, Obispo Ponce, and various other seismic stations.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Loma Pena Alta, Hatom, and various other seismic stations.

IDC 12 05:21:01.2±1.8, 32.38N±115.32W, h0km, mb3.7/3, mbtmp3.5/9, ML3.5/5, MS3.3/8, Error ellipse: s-maj=31.3km s-min=10.4km az=35.0
ECX 12 05:21:02.3±0.5, 32.38N±115.25W, h10km, MD4.0, ML4.2, Fault plane solution: NPT1925.00000°, δ61.00000°, λ=82.00000°

NEIC 12 05:21:02.2±1.8, 32.43N±115.17W±0.03, h3km±10km, ML4.0/42, Mw4.0/4(PAS), Error ellipse: s-maj=4.5km s-min=3.3km az=187.0
PAS 12 05:21:02.8±2.2, 32.37N±115.21W±0.03, h28km±7km, Error ellipse: s-maj=4.5km s-min=1.6km az=50.0
MEX 12 05:21:02.6±0.8, 32.51N±115.15W, h7km±4km
ISC 12 05:21:03.0±0.7, 32.39N±115.23W±0.02, h15km±3km, n117, ±1935/150, mb3.6/3, MS3.4/3, 12C-15D, California-Baja California border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Mexicali, Cerro Prieto, Chihuahua, and various other seismic stations.

12d 5h

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MODS, KTK1, VRAC, etc.

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

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

Table with columns: Station ID, Name, Time, Day, Status, and Value. Includes stations like G21K Allakaket, A36M Sachs Harbour, A36M Sachs Harbour, NRS Narsarsuaq, COLD Coldfoot, COLD Coldfoot, J16K Anvik River, J16K Anvik River, H20K Anotleneega Mo, M11K Mekoryuk, GCSA Galena City Sc, D27M Malcolm River, D27M Malcolm River, E25K Arctic Village, F24K Squaw Lake, G23K Bananza Creek, J17K VABM Dome, K15K Wolf Creek Mou, D28M Stokes Point, H21K Melozitna River, H21K Melozitna Riva, SPIA Saint Paul Isl, F25K Christian River, F25K Christian River, H22K Ishaitlita Cre, H22K Ishaitlita Cre, L14K Kuka Creek, F26K Sheenjik River, L15K Ungalak Mouna, E27K Coleen River, E27K Coleen River, E28M Babbage River, E28M Babbage River, G24K Hadweenzic Riv, G24K Hadweenzic Riv, BMAR Burnt Mountain, J19K Poorman, J19K Poorman, J18K Innoke River, I21K Tanana, I21K Tanana, M13K Dall Lake, K17K Iittarod, J20K Nowinta River, J20K Nowinta River, M14K Bethel, ONGWA Qangwa, L16K Owhat River, L16K Owhat River, ACRG Accra, MLY Ianley, G26K Porcupine Rive, H24K Noodor Dome, L17K Donlin, F28M Old Crow, ILON Igloolik, Nuna, I23K Minto, Yukon-K, M15K Kasigluk River, K20K Telida, CHUM Lake Minchumin, L18K Granite Mouna, INK Inuvik, INK Inuvik, M16K Timber Creek, BPAW Bear Paw Mtn., BPAW Bear Paw Mtn., POKR Poker Plat Res, NEA2 Nenana, NEA2 Nenana, C36M Paulatuk, COLA College, COLA College, COLA College, M17K Holitna River, N15K Kwethluk River, CCB Clear Creek, L19K White Mountain, H27K Steamboat Moun, N16K Nishilik Lake, KTH Kantishna Hill, O14K Tiyukauivt M, ILAR Eilson Array, ILAR Eilson Array, GRTLK Ghanzi, GRTLK Ghanzi, LBTB Lobatse

Table with columns: Station ID, Name, Time, Day, Status, and Value. Includes stations like LBTB Lobatse, LBTB Lobatse, PPLA Purkeypile, M18K Stoney River, TRF Thorofare Moun, F31M Tsighehtich, F31M Tsighehtich, HDA Harding Lake, MCK McKinley, N17K Nushagak Hills, I27K Kandik River, I27K Kandik River, J25K Salcha River, J25K Salcha River, KGCAE Kaogae, O15K Ungalikthiuk R, G31M Satah River, G31M Satah River, M20K Styx River, EPYK Eagle Plains, EPYK Eagle Plains, N18K Kilas Creek, O16K Kokwok River B, TSUM Tsumeb, TSUM Tsumeb, TSUM Tsumeb, I28M Miner Creek, I28M Miner Creek, J26L Joseph Creek, J26L Joseph Creek, O17K Kolanek Bris, SKT Skwentna, SKT Skwentna, K24K Donnelly Dome, N19K Bonza Creek, WAT1 Susitna Watana, WAT1 Susitna Watana, MACKR Makgori, P16K Nungak River, DHY Denali Highway, DHY Denali Highway, I29M Ogilvie Camp, I29M Ogilvie Camp, RIDG Independent Ri, SCRK Sand Creek, SCRK Sand Creek, SPCR Spurr Chakacha, O18K Kottuh Hills, WAT6 Susitna Watana, O19K Port Ianley, M22K Willow, H31M Peel River, P17K Kvichak River, SUA Susitna One, K27K Chicken, PAX Paxson, PAX Paxson, KOOLE Kule, KOOLE Kule, P18K Big Mountain, GHO Glory Hole Cre, Q16K King Salmon, PMR Palmer, PMR Palmer, DBIC Dimbokro, DBIC Dimbokro, DBIC Dimbokro, LKGWB Logkwabe, LKGWB Logkwabe, SML Sawmill, CAPN Captain Cook N, J29N Klondike Camp, J29N Klondike Camp, M23K Glacier View, RC01 Rabbit Creek A, RC01 Rabbit Creek A, DAWY Dawson, DAWY Dawson, L26K Log Cabin Wild, L26K Log Cabin Wild, SCM Sheep Creek Mo, KNK Knik Glacier, KNK Knik Glacier

Table with columns: Station ID, Name, Time, Day, Status, and Value. Includes stations like KNK Knik Glacier, P19K Oil Pt, M24K Tolsona, Glenn, HARP HAARP, J30M Hart River, J30M Hart River, Q17K Contact Creek, L27K Beaver Creek, L27K Beaver Creek, BCAR Beaver Creek A, O22K Cooper Landing, Q19K Cape Douglas, K29M Barlow Dome, K29M Barlow Dome, PWL Port Wells, HOM Homer, R17L Mt. Peulik Vol, M26K Nabesna, AK, M26K Nabesna, AK, KLU Klutina, KLU Klutina, BRSE Bradley Lake S, SDPT Sand Point, BOSA Boshof, BOSA Boshof, BOSA Boshof, SEW Seward, GLI Glacier Island, N25K Chitina, Valde, M27K Edge Creek, AK, M27K Edge Creek, AK, WBO Warramunga Arr, L29M L29M, L29M L29M, MAYO Mayo, Yukon, MAYO Mayo, Yukon, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRAB Tennant Creek, WRAB Tennant Creek, WRAB Tennant Creek, BVCY Bear Creek, Q20K Shuyak Island, WRB Warramunga Arr, BMRM Bremner River, MCARA McCarthy VSAT, EYAK Cordova Ski Ar, P23K Montague Islan, KDAK Kodiak Island, YUK3 Moose Creek, M30M Minto, Yukon, M30M Minto, Yukon, OHAK Old Harbor, CROE Cirque, SHI Sitkinak Islan, CIL Chitina Glacier, CTG Chitina Glacier, Q23K Middleton Isla, YUK8 Steele Glacier, GRNC Granite Creek, KAIM Kayak Island, YUK4 Talbot Arm, M31M Drury Creek, Y, M31M Drury Creek, Y, O28M Mount Upton, N30M Aishikik Lake, FARO Faro, Yukon, MESA MESA, YUK6 Outpost Mouna, BLKN Baker Lake, N31M Braeburn, Yuiko, N31M Braeburn, Yuiko, HYT Haines Junction, HYT Haines Junction, PINM Pinnacle, WRGLY Wrigley, WRGLY Wrigley, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like Minerbio Fiu, Graiana, San Zeno di Mo, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like Trento, Gardas, Mastiano, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like PALAU INFRASON, Wake Island, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Kununurra, Chiang Mai Arr, Warramunga Arr, etc.

IDC 12 07:20:06.6 1.5, 8.54S:158.84E, h0km, mb3.8/3, mb2mp4.0/4, ML3.9/1, Error ellipse: s-maj=56.7km, s-min=29.5km az=134.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Mochara, SCB, IDC, VAO, Presumed earthquake, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MOCB, PB09, PB08, PB01, etc.

RSPR 12 07:22:39.1, 17.93N:66.71W, h11km, MD2.8/4 NEIC 12 07:22:38.4 0.9, 17.88N:0.03:66.72W, 0.01, h11km, ML2.7/30, Md2.8(30/PR), 10C-1D, Error ellipse: s-maj=5.7km s-min=2.9km az=358.0, Puerto Rico region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OBIP, MLPR, CRPR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GCPR, HUMP, etc.

MOS 12 07:25:13.6 0.8, 82.18N:117.80E, h11km, mb4.8/48, Error ellipse: s-maj=34.7km s-min=6.8km az=88.9 IDC 12 07:25:13.2 0.4, 82.19N:117.93E, h0km, mb4.2/30, mbmp4.3/30, MS3.6/36, Error ellipse: s-maj=11.7km s-min=10.7km az=157.0

YARS 12 07:25:13.6, 82.15N:117.98E, h10km, mb4.2/12 NEIC 12 07:25:15.0, 81.22N:117.5E:0.7, h10km, mb4.1km, mb4.8/22E, Error ellipse: s-maj=15.1km s-min=14.1km az=72.0

FCIAR 12 07:25:15.0, 81.79N:117.91E, h10km, station SVZ has station magnitude of 3.70 ISC 12 07:25:14.2 0.5, 82.20N:0.04:117.44E, 0.03, h7km, 3km, h7km:pP-P, m649, e1949/600, mb4.8/198, MS3.6/38, 18C-6D, North of Severnaya Zemlya

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SVZ, Zernya Franca, Omega, etc.

12d 7h

B22K B22K	Teshkepkuk Lake comp=Z,57nm,1.1s	21.12	70	P	P	07 29 59.1 +0.4 07 30 12.2
B22K VADS VADS	Teshkepkuk Lake baz=338 Vadso comp=Z,240nm,1.6s	21.12	70	P	P	07 29 59.2 +0.4 07 30 00.6 +0.0 07 30 11.7
VADS SEY SEY	Seymchan comp=Z,9.9nm,0.9s,baz=323,slow=8.6,SNR=31 Seymchan comp=Z,9.9nm,0.9s	21.23	134	eS P	P	07 33 48.8 -6.0 07 29 59.0 -1.1 07 30 01.1 +1.0
TULEG TULEG	Thule comp=Z,16nm,1.1s	21.37	4	P	P	07 30 01.0 -0.5 07 30 11.2
HAMF HAMF	Hammerfest comp=Z,67nm,1.4s	21.42	294	eP	P	07 30 04.4 +2.4 07 30 10.9
C19K C19K	Lookout Ridge Lookout Ridge comp=Z,245nm,1.9s	21.46	77	P	P	07 30 03.5 +0.9 07 30 02.5 -0.1
C16K C16K	Lisburne Hills Lisburne Hills baz=338	21.46	83	P	P	07 30 02.9 +0.3 07 30 02.8 +0.3
C17K C18K C18K	DeLong Mountai Utukok River Utukok River comp=Z,48nm,1.0s	21.57	81	P	P	07 30 03.8 +0.1 07 30 05.2 +0.3 07 30 17.3 07 30 05.7 +0.8
KEV KEV	Kevo comp=Z,36nm,0.8s	21.82	291	P	P	07 30 06.3 -0.1 07 30 25.5
C23K C23K	Itkillik River Itkillik River comp=Z,68nm,1.1s	21.94	68	P	P	07 30 08.3 +0.6 07 30 19.7
RDOG RDOG	Red Dog Mine Red Dog Mine comp=Z,40nm,1.0s	22.00	81	P	P	07 30 08.9 +0.6 07 30 08.9 +0.6
ARA0 ARA0 ARCES	ARCESS Array S ARCESS Array S ARCESS Array B comp=Z,24nm,0.8s,baz=22,slow=1.1,SNR=14	22.22	292	eP eS P	S	07 30 12.7 +2.0 07 34 16.8 +1.7 07 30 10.5 -0.2
ARCES ARCES ARCES	ARCESS Array B ARCESS Array B ARCESS Array B comp=Z,104nm,18.6s,baz=262,slow=38	22.22	292	P	P	07 30 11.2 +0.5 07 30 26.1 07 30 11.2 +0.5
C24K C24K	Franklin Bluff Franklin Bluff comp=Z,50nm,1.1s	22.29	66	P	P	07 30 11.6 +0.2 07 30 21.3
D17K D17K	Noatak River Noatak River baz=339,SNR=15	22.31	81	P	P	07 30 12.1 +0.5 07 30 12.1 +0.5
RES RES RES	Resolute Bay Resolute Bay Resolute Bay comp=Z,7.1nm,1.0s	22.43	22	P	P	07 30 13.0 +0.1 07 30 13.5 +0.6 07 30 13.5 +0.6
LVZ LVZ LVZ	Lovozero Lovozero Lovozero comp=Z,14nm,0.8s	22.57	282	P	P	07 30 14.4 +0.0 07 30 14.5 +0.0 07 30 14.7 +0.3
D22K D22K	Ayikyak River Ayikyak River comp=Z,18nm,1.1s	22.57	71	P	P	07 30 14.7 +0.2 07 30 14.7 +0.2
E20K E20K	Nigu River Nigu River baz=339	22.70	74	P	P	07 30 16.3 +0.3 07 30 16.3 +0.3
D23K D23K	Nanushuk River Nanushuk River comp=Z,50nm,1.1s	22.75	69	P	P	07 30 16.7 +0.4 07 30 28.0
A36M A36M	Sachs Harbour Sachs Harbour comp=Z,35nm,0.8s	22.79	46	IAMB	IAMB	07 30 16.5 -0.1 07 30 27.6
D24K D24K	Happy Valley Happy Valley comp=Z,30nm,1.1s	22.81	67	P	P	07 30 16.8 +0.2 07 30 17.1 +0.1
JETT TRO KTK1 KTK1	Jettan, Norway Tromso Kautokino Kautokino comp=Z,524nm,2.3s	22.84	296	eP eP eP	P	07 30 19.4 +2.1 07 30 16.5 +1.8 07 30 20.0 +1.1 07 30 24.2
APA APA	Apatity Apatity comp=Z,13nm,1.4s	23.04	283	eP P	P	07 30 24.1 +4.8 07 30 24.1 +4.8
E17K TOLK TOLK	Hotham Inlet Toolik Lake River Toolik Lake River comp=Z,61nm,1.2s	23.06	81	P	P	07 30 20.1 +0.5 07 30 21.6 +0.5 07 30 21.6 +0.5
E19K E19K	Redstone River Redstone River comp=Z,34nm,1.0s	23.32	76	P	P	07 30 22.1 -0.1 07 30 22.7 +0.5
TNA TNA	Tin City Tin City comp=Z,19nm,0.9s	23.67	88	P	P	07 30 25.9 +0.3 07 30 35.6
D27M D27M	Malcolm River Malcolm River comp=Z,31nm,1.2s	23.69	60	P	P	07 30 27.1 +1.4 07 30 37.1
F18K F19K F19K	Selawik Shalerucik Mo Shalerucik Mo comp=Z,26nm,1.1s	23.81	79	P	P	07 30 27.9 +0.9 07 30 27.5 +0.2 07 30 27.9 +0.6
D28M LSH F14K	Stokes Point Leshukonskoye Arctic Creek comp=Z,34nm,1.1s	23.87	58	P	P	07 30 28.1 +0.6 07 30 28.0 -0.1 07 30 29.5 +0.9
F15K F15K	North Star Dit North Star Dit comp=Z,20nm,0.9s	23.98	85	P	P	07 30 29.7 +1.1 07 30 29.7 +1.1
F21K F21K	Alatna River Alatna River comp=Z,29nm,1.1s	24.04	73	P	P	07 30 29.3 +0.1 07 30 30.1 +0.9
E25K E25K	Arctic Village Arctic Village baz=340,SNR=8.9	24.19	65	P	P	07 30 31.1 +0.4 07 30 31.4 +0.7
MA2 MA2	Magadan Magadan comp=Z,22nm,1.1s	24.38	137	P	P	07 30 32.7 +0.3 07 30 32.7 +0.3

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MA2 MA2	Magadan Magadan comp=Z,22nm,1.1s	24.38	137	P	P	07 30 32.7 +0.3 07 30 32.7 +0.3
COLD COLD	Coldfoot Coldfoot comp=Z,17nm,0.8s	24.45	70	IAMB	IAMB	07 30 33.4 +0.4 07 30 43.1
E28M E28M	Babbage River Babbage River comp=Z,27nm,1.1s	24.46	60	P	P	07 30 33.8 +0.7 07 30 43.5
F24K F24K	Squaw Lake Squaw Lake comp=Z,16nm,0.9s	24.47	68	IAMB	IAMB	07 30 33.3 +0.2 07 30 43.5
BOD BOD	Bodaibo Bodaibo comp=Z,28nm,1.3s	24.52	184	eP P	P	07 30 34.0 +0.8 07 30 32.4 -1.3
G19K G19K	Purcell Mounta Purcell Mounta comp=Z,19nm,1.1s	24.58	77	P	P	07 30 34.2 +0.0 07 30 52.0
G16K G16K	Koyuk River Koyuk River comp=Z,10nm,0.8s	24.59	83	IAMB	IAMB	07 30 35.4 +1.2 07 30 45.8
G18K G18K	Tagagavik Tagagavik comp=Z,30nm,1.3s	24.61	79	P	P	07 31 01.2 07 30 35.8 +1.3
E27K E27K	Coleen River Coleen River comp=Z,24nm,1.1s	24.62	62	P	P	07 30 35.4 +0.8 07 30 35.9 +0.7
G21K G21K	Allakaket Allakaket comp=Z,24nm,1.1s	24.70	74	P	P	07 30 35.9 +0.6 07 30 36.6 +1.2
G17K G17K	Kiwalik Mounta Kiwalik Mounta comp=Z,15nm,0.8s	24.71	81	P	P	07 30 36.6 +1.2 07 30 36.6 +1.2
G15K G15K	Niukluk Niukluk comp=Z,47nm,1.8s	24.74	85	P	P	07 30 36.6 +1.0 07 30 36.3 +0.4
F26K F26K	Sheenjek River Sheenjek River comp=Z,34nm,1.1s	24.77	64	P	P	07 30 36.7 +0.1 07 30 38.0 +0.3
GAMB GAMB	Gambell Gambell comp=Z,15nm,0.8s	24.85	93	P	P	07 30 36.7 +0.1 07 30 38.0 +0.3
ANM ANM	Nome Nome comp=Z,14nm,1.1s	24.96	86	P	P	07 30 38.1 +0.4 07 30 38.1 +0.4
G23K G23K	Bananza Creek Bananza Creek comp=Z,15nm,0.8s	24.97	70	P	P	07 30 38.0 +0.3 07 30 37.8 +0.1
BMAR H19K	Burnt Mountain Roundabout Mou comp=Z,34nm,1.2s	24.97	65	P	P	07 30 38.8 +1.0 07 30 40.9 +0.7
G24K G24K	Hadweenzic Riv Hadweenzic Riv comp=Z,26nm,1.1s	25.30	68	IAMB	IAMB	07 30 52.7 07 30 41.1 +0.4
H16K H16K	Elim Elim baz=342,SNR=12	25.32	83	P	P	07 30 41.2 +0.4 07 30 40.9 -0.2
H17K H17K	Granite Mounta Granite Mounta comp=Z,11nm,0.8s	25.35	81	P	P	07 30 41.7 +0.6 07 30 41.7 +0.6
H18K H18K	Honhosa River Honhosa River comp=Z,34nm,1.2s	25.35	79	P	P	07 30 41.7 +0.6 07 30 53.6
F28M F28M	Old Crow Old Crow comp=Z,34nm,1.2s	25.37	61	P	P	07 30 41.7 +0.4 07 30 41.1 -0.2
C36M C36M	Paulatuk Paulatuk comp=Z,24nm,1.1s	25.44	47	P	P	07 30 41.5 -0.4 07 30 42.0 +0.2
INK INK INK	Inuvik Inuvik Inuvik comp=Z,74nm,19.6s,baz=337,slow=38	25.44	55	LR P P	LR	07 41 14.0 07 30 42.5 +0.6 07 30 42.5 +0.6
INK INK INK	Inuvik Inuvik Inuvik comp=Z,15nm,1.1s	25.44	55	P P P	P	07 30 42.1 +0.3 07 30 42.1 +0.3 07 30 42.1 +0.3
H20K H20K	Anotieneega Mo Anotieneega Mo comp=Z,23nm,1.1s	25.49	76	P	P	07 30 42.5 +0.1 07 30 43.9
G26K G26K	Porcupine River Porcupine River comp=Z,23nm,1.1s	25.53	65	IAMB	IAMB	07 30 43.3 +0.6 07 30 43.3 +0.6
H22K H22K	Ishlaltina Cre Ishlaltina Cre comp=Z,34nm,1.2s	25.57	72	P	P	07 30 43.8 +0.7 07 30 44.5 +1.0
H21K ADZR ADZR	Melozitna River Andozero Andozero comp=Z,38nm,0.9s	25.61	74	P	P	07 30 44.5 +1.0 07 30 46.1 +0.6 07 30 46.1 +0.6
GCSA GCSA	Galena City Sc Galena City Sc comp=Z,25nm,1.2s	25.94	78	P	P	07 30 47.6 +1.2 07 31 00.5
H24K H24K	Noodor Dome Noodor Dome comp=Z,30nm,0.9s	26.07	69	IAMB	IAMB	07 30 48.4 +0.6 07 30 48.4 +0.6
SCO SCO SCO	Scoresbysund Scoresbysund Scoresbysund comp=Z,161nm,1.7s	26.08	330	P P P	P	07 30 48.6 +0.9 07 30 48.6 +0.9 07 30 48.6 +0.9
I21K I20K	Tanana Tanana comp=Z,34nm,1.1s	26.17	73	P	P	07 30 49.5 +0.9 07 30 50.0 +1.1
F31M F31M	Tsiigethic Tsiigethic comp=Z,34nm,1.1s	26.24	56	P	P	07 30 49.6 +0.4 07 30 50.0 +0.8
H17K H17K	Unalakleet Unalakleet comp=Z,37nm,1.1s	26.25	82	P	P	07 30 50.0 +0.8 07 30 54.1 +1.2
I17K I17K	Manley Manley comp=Z,32nm,1.1s	26.48	72	P	P	07 30 52.3 +0.9 07 31 06.8
H27K H27K	Steamboat Moun Steamboat Moun comp=Z,25nm,1.2s	26.49	63	IAMB	IAMB	07 30 52.2 +0.7 07 30 52.2 +0.7
I23K I23K	Minto, Yukon-K Minto, Yukon-K comp=Z,34nm,1.1s	26.54	71	P	P	07 30 53.1 +1.2 07 30 52.8 +0.9
G31M G31M	Satah River Satah River comp=Z,23nm,1.1s	26.68	56	P	P	07 30 53.7 +0.5 07 31 02.8
G31M POKR POKR	Satah River Poker Plat Res Poker Plat Res comp=Z,16nm,0.8s	26.68	56	P	P	07 30 53.6 +0.5 07 31 07.5 07 30 55.2 +0.8
J19K J19K	Poorman Poorman comp=Z,22nm,1.0s	26.83	77	IAMB	IAMB	07 31 08.9 07 30 55.9 +1.4
J16K J20K	Anvik River Novinta River comp=Z,16nm,1.0s	26.84	82	P	P	07 30 55.7 +1.2 07 31 07.7
J20K EPYK EPYK	Novinta River Eagle Plains Eagle Plains comp=Z,25nm,1.1s	26.85	76	P P P	P	07 30 56.4 +1.0 07 31 08.7 07 30 56.1 +0.6
J17K J17K	VABM Dome VABM Dome comp=Z,20nm,1.1s	26.93	81	P	P	07 31 05.7 07 30 57.0 +1.6
J14K J14K	Nanvaranak Lak Nanvaranak Lak comp=Z,28nm,1.1s	26.95	86	IAMB	IAMB	07 31 14.5 07 30 57.0 +1.4
COLA COLA	College College comp=Z,22nm,1.1s	27.00	70	P	P	07 31 00.9 +4.9 07 30 57.0 +1.0

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COLA COLA	College College comp=Z,22nm,1.1s	27.00	70	P	P	07 31 00.9 +4.9 07 30 57.0 +1.0
I27K I27K	Kandik River Kandik River comp=Z,27nm,1.3s	27.08	64	P	P	07 30 57.3 +0.4 07 31 11.4
NEA2 NEA2	Nevena Nevena comp=Z,27nm,1.3s	27.11	71	P	P	07 30 57.5 +0.7 07 31 08.5
J18K J18K	Innokko River Innokko River comp=Z,23nm,1.0s	27.19	79	IAMB	IAMB	07 30 58.8 +1.0 07 30 58.8 +1.0
IL31 ILAR	Eielson Array Eielson Array comp=Z,3.4nm,0.7s,baz=339,slow=8.7,SNR=35	27.22	69	P	P	07 30 58.3 +0.4 07 30 58.8 +0.8
ILAR ILAR	Eielson Array Eielson Array comp=Z,0.9nm,0.8s,baz=332,slow=3.7,SNR=47	27.22	69	P	P	07 34 17.0 -0.5 07 42 09.8
ILAR CCB CCB	Eielson Array Clear Creek Bu Clear Creek Bu comp=Z,23nm,1.4s	27.22	70	P	P	07 30 58.9 +0.9 07 30 58.0 -0.1 07 31 09.2
BPWA CHUM	Bear Paw Mtn. Lake Minchumin Lake Minchumin comp=Z,23nm,1.4s	27.34	73	P	P	07 30 60.0 +0.9 07 30 60.0 +0.6
I28M I28M	Miner Creek Miner Creek comp=Z,35nm,1.4s	27.43	62	P	P	07 31 00.9 +0.9 07 31 28.1
HDA J25K	Harding Lake Salcha River Salcha River comp=Z,23nm,1.5s	27.56	69	P	P	07 31 02.2 +1.1 07 31 12.0
J25K J25K	Salcha River Salcha River comp=Z,23nm,1.5s	27.57	68	P	P	07 31 01.9 +0.7 07 31 01.2 0.0
K13K K20K	Kuskaw Mount Telida Telida comp=Z,34nm,1.1s	27.58	87	P	P	07 31 03.0 +1.1 07 31 03.3 +1.3
K15K K17K	Woz Creek Mou Iditarod Iditarod comp=Z,34nm,1.1s	27.64	76	P	P	07 31 03.2 +1.0 07 31 03.8 +1.4
I29M I29M	Ogilvie Camp, Ogilvie Camp, comp=Z,14nm,1.1s	27.71	61	P	P	07 31 12.7 07 31 03.1 +0.6
H31M KTH KTH	Peel River Kantishna Hill Kantishna Hill comp=Z,34nm,1.3s	27.75	57	P	P	07 31 03.3 +0.5 07 31 30.2 07 31 04.8 +0.6
J26L MCK	Joseph Creek McKinley McKinley comp=Z,34nm,1.3s	27.96	66	P	P	07 31 06.1 +1.4 07 31 06.1 +1.4
TRF TRF	Thorofare Moun Thorofare Moun comp=Z,34nm,1.3s	28.05	73	P	P	07 31 06.6 +0.9 07 31 06.9 +1.2
L17K L15K	Donlin Ungalik Mounta Ungalik Mounta comp=Z,34nm,1.3s	28.25	81	P	P	07 31 08.3 +1.1 07 31 08.5 +1.3
ILON K24K	Ilgoolik, Nuna Donnelly Dome Donnelly Dome comp=Z,34nm,1.3s	28.28	14	P	P	07 31 07.3 -0.1 07 31 08.8 +1.1
PPLA PPLA	Purkeypile Purkeypile comp=Z,34nm,1.3s	28.				

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like PRAC, BOAY, BOAV, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like TXAR, TPB05, PH02, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, SNR, and other technical details. Includes stations like ZON, RYN, PSAL, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like HEN Hengchun, EWUT Wuta, TWBK Hengchun, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like YSS comp=E,200nm,4.3s, YSS comp=E,500nm,3.4s, etc.

NEIC 12 08:39:13.2±1.0, 17.80N,0.03:66.847W,0.006, h10km±2km, ML3.4/28, M2.7/5(RSPR), Error ellipse: s-maj=5.6km s-min=3.0km az=7.0

IDC 12 09:10:36.1±1.3, 13.91N,0.121:09E, h0km, mb3.4/5, mbtm3.4/5, MS3.1/2, Error ellipse: s-maj=59.8km, s-min=7.2km az=55.0, Mindoro

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

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

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TG Y Tagaytay City, TG Y Tagaytay City, TG Y Tagaytay City, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like UGL comp=E,100nm,0.9s, UGL comp=E,100nm,0.9s, UGL comp=E,100nm,0.9s, etc.

RSPR 12 08:47:28.1, 17.95N,66.83W, h8km, 1km NEIC 12 08:47:29.1±0.1, 17.94N,0.03:66.826W,0.009, h10km±1km, ML2.7/28, M2.7/5(RSPR), 10D, Error ellipse: s-maj=4.6km s-min=2.9km az=1.0, Puerto Rico region

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

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, ISC, Time, Res, ISC. Includes stations like Wolf Creek Mou, Zalesovo Beam, Anvik River, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, ISC, Time, Res, ISC. Includes stations like Isla Desecheo, Guaynabo City, Col San Antoni, etc.

ISC 12 09:29:45.51.2, 21.6'S, 011:169.0'E, 0.1, h2km, m16, e291/15, mb3.9/4, Southeast of Loyalty Islands

ISC 12 09:30:19.7, 1.2, 32.62'N, 47.23'E, h0km, 9km, ML2.3

ISC 12 09:40:13.1, 43.28'N, 81.82'E, h10km

ISC 12 09:33:24.3, 1.2, 17.84'N, 66.83'W, h2km, 22km, ML3.6

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like Cabo Rojo, Cerrillos, Las Mesas, Utuado, Puerto Rico Se, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like Chiang Mai, PanZhiHua, Lanzhou, Lanzhou Array, Gaotai, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like KOPPT, ERZN, KOPRU, etc.

BJI 12 09:52:48.0, 7.08Sx154.92E, h7km, mb4.8/30, mB5.2/6, Ms4.9/2, Ms7.4/2

HTY 12 09:52:50.0, 1.8, 7.21S, 0.07x154.92E, 0.09, h10km, 1km, mb4.9/32, Error ellipse: s-maj=17.8km s-min=5.4km az=51.0

RSRPR 12 09:56:03.2, 17.94N, 66.87W, h5km, MD2.5/11, NEIC 12 09:56:02.7, 1.0, 17.98N, 66.86W, 0.005, h10km, 1km, ML2.5/25, MD2.5/11 (RSRPR), 6C-5D, Error ellipse: s-maj=6.4km s-min=2.9km az=5.0, Puerto Rico region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like RABL, PMG, PMG, PMG, PMG, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like HYT, DAWY, KSH2, NVAR, NEW, YKA, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like GUMO, WBO, WBO, WRA, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like GRES, BDFB, TORD, TORD, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like FUNA, SIJI, INKA, AS31, ASAR, ASAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like ASAR, MKAR, AAK, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like STKA, STKA, FITZ, YOJ, NACB, TPUB, SSB, QIZ, QIZ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Includes stations like KARO, KARO, ECAT, ECAT, etc.

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

NEIC 12 09:58:25.4, 1.4, 17.80N, 0.03, 66.825W, 0.009, h10km, 1km, ML3.0/29, MD2.5/6 (RSRPR), Error ellipse: s-maj=5.6km s-min=2.9km az=6.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Cerrillos, Las Mesas, Utuado, UPR, P, Puerto Rico Se, etc.

DJA 12 09:59:29.0, 3.9, S, 6.11°E, h=85km, 6km, M4, 3/22, mb4.3/6, MLV4.3/22

ISC 12 09:59:30.4, 0.9, 9.16S, 0.08E, 115.86E, 0.05, h97km, 11km, n34, c111/42, South of Bali

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Mataram, Denpasar, Kahang-Kahang, etc.

CATAC 12 10:01:31.9, 0.6, 13.3°N, 8.9°W, h=8km, 3km, M3, 1/13, MLV3.1/13, Error ellipse: s-maj=6.6km s-min=4.2km

NET 12 10:01:32.8, 2.7, 12.77N, 88.95W, h6km, ML3.1, Presumed earthquake

GCG 12 10:01:35.0, 0.8, 12.77N, 88.93W, h36km, 999km, MD3.8, Presumed earthquake

ISC 12 10:01:31.4, 2.0, 12.80N, 0.08E, 88.87W, 0.03, h2km, 11km, n30, c074/49, Off coast of central America

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like UJES, Universidad Ev, PMON, etc.

IDC 12 10:06:30.1, 2.5, 14.16N, 121.39E, h0km, mb3.4/3, mbmt3.4/3, Error ellipse: s-maj=5.1km s-min=10.3km

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

RSPR 12 10:07:21.9, 17.92N, 66.85W, h9km NEIC 12 10:07:21.8, 1.4, 17.94N, 0.04E, 66.833W, 0.006, h10km, 1km, ML2.8/26, ML2.6(RSPR), 8C-3D, Error ellipse: s-maj=6.1km s-min=2.9km (az=185.0, Puerto Rico region)

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

NET 12 10:07:45.6, 0.8, 17.92N, 0.03E, 66.85W, 0.01, h10km, 1km, ML2.9/25, Error ellipse: s-maj=4.3km s-min=2.8km az=183.0, Puerto Rico region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like UUPR, Puerto Rico Se, etc.

IDC 12 10:17:42.1, 6.6, 2.69N, 128.06E, h47km, 81km, mb3.1/3, mbmt3.4/4, ML3.6/1, MS3.1/2, Error ellipse: s-maj=11.5km s-min=30.2km az=70.0, Halmaheera

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

RSPR 12 10:19:34.6, 17.88N, 66.86W, h11km, 1km, MD2.6/10, NEIC 12 10:19:33.9, 1.2, 17.85N, 0.04E, 66.83W, 0.01, h10km, 2km, ML2.5/29, MD2.6(10(RSPR)), 10C-1D, Error ellipse: s-maj=6.0km s-min=3.0km (az=165.0, Puerto Rico region)

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

IDC 12 10:21:25.1, 0.9, 6.71S, 127.45E, h403km, 11km, mb3.8/17, mbmt4.7/25, Error ellipse: s-maj=12.8km s-min=8.0km az=66.0

NET 12 10:21:25.7, 1.6, 6.68S, 0.09E, 127.49E, 0.08, h406km, 8km, mb4.5/40, Error ellipse: s-maj=13.1km s-min=11.3km az=188.0

DJA 12 10:21:25.1, 0.2, 7.2S, 12.7E, h418km, 4km, M4, 7/27, mb4.6/27, mb5.1/12, MLV5.2/23, Mw(MB)4.5/12

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

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like NLAJ Namlea, KRAI Karang Ratu, SAUI Saumlaki, etc.

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

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like CMAR Chiang Mai Arr, BATI Baunata, HILR Hailar Array B, etc.

Additional information including coordinates, error ellipses, and station identifiers. Includes text like '12d 10h: 16.0, 2.16N, 97.75E, h57km, mb5.0/5, mb4.6/33, Ms4.4/3, Ms7.4/33'.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PSI Prapat, TPTI Kotacane, KCSI Sinabang, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BRTR Keskin Array B, PETK Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LBSI Labuhan Bajo, SOEI Soe, etc.

MJAR	comp=Z,2.7nm,1.1s,baz=213,slow=3.8,SNR=5.6	LR	LR	11 11 56.5	
MJAR	comp=Z,2.58nm,18.0s,baz=208,slow=38				
MJB9	comp=Z,8.9nm,0.8s	29.07 20	P	P	10 59 41.6 -1.1
MJB9	Matsu-Tunnel	29.07 20	P	P	10 59 40.5 -2.2
XAN	Xi'an	29.19 330	pP	pP	10 59 41.7 -2.1
XAN			pP	pP	10 59 52.1 -5.4
DL2	Dalian	29.62 353	P	P	10 59 47.8 +0.4
DL2			pmax	pmax	
GSI	comp=Z,65nm,1.0s	29.64 256	P	IAMB	10 59 47.7 -0.3
GSI	Gunungstoliti		IAMB	IAMB	10 59 50.2
GSI	comp=Z,55nm,0.8s		P	P	10 59 48.2 +0.2
HNS	Gunungstoliti	29.64 256	P	P	10 59 48.1 -0.2
HNS	Hongshan	29.71 341	pP	pP	10 59 52.2 +0.8
HNS			pmax	pmax	
HNS	comp=Z,20nm,1.0s		LR	LR	
HNS	comp=Z,410nm,15.5s		LR	LR	
CD2	comp=Z,280nm,16.7s		LR	LR	
CD2	Chengdu	29.90 319	P	P	10 59 50.2 +0.1
CD2			pP	pP	10 59 58.5 -5.4
CD2			pP	pP	10 04 45.6 +1.8
CD2	comp=Z,10.0nm,0.6s		pmax	pmax	
CD2	comp=Z,2.00nm,0.6s		pmax	pmax	
CD2	comp=Z,640nm,17.5s		LR	LR	
CD2	comp=Z,690nm,16.5s		LR	LR	
CD2	comp=Z,910nm,17.0s		LR	LR	
WB0	Warramunga Arr	30.12 165	P	P	10 59 50.9 -1.2
WRAB	Tennant Creek	30.27 165	P	P	10 59 52.2 -1.3
WRA	Warramunga Arr	30.28 165	P	P	10 59 52.5 -1.0
WRA	comp=Z,4.6nm,0.7s,baz=345,slow=9.3,SNR=2.0		S	S	11 04 42.9 -6.8
WRA	comp=Z,1.9nm,1.0s,baz=329,slow=19,SNR=3.4		S	S	
WRA	Warramunga Arr	30.28 165	P	P	10 59 52.8 -0.7
JSD	Sado	30.45 19	P	P	10 59 54.9 +0.7
MBWA	Marble Bar	31.09 192	P	P	11 00 01.3 +0.7
MBWA	Marble Bar	31.09 192	P	P	11 00 01.6 +1.0
MBWA	Marble Bar	31.09 192	P	P	11 00 02.4 +0.3
PSA00	Pilbara Seismi	31.47 191	IAMB	IAMB	11 00 06.0
BJJ2	Beijing	31.73 345	P	P	11 00 06.4 +0.3
BJJ2			pmax	pmax	
PATS	comp=Z,11nm,1.0s	31.84 92	P	P	11 00 06.7 -0.7
PATS	Polnpei		P	P	
SNY	Shenyang	32.33 356	pP	pmax	11 00 12.2 +0.9
SNY	comp=Z,50nm,0.9s		pmax	pmax	
QIS	Mount Isa	32.59 156	P	P	11 00 13.3 -0.6
QIS	comp=Z,53nm,1.1s		P	P	
MTSU	Mount Surprise	32.71 147	P	P	11 00 15.0 +0.1
LZDM	Lanzhou Array	33.42 326	P	P	11 00 19.4 -1.9
LZDM	comp=Z,0.5nm,0.3s,baz=121,slow=17,SNR=1.3		LR	LR	11 14 53.8
LZH	comp=Z,450nm,19.0s,baz=85,slow=38		eP	P	11 00 24.9 +3.6
LZH	comp=Z,0.5nm,0.3s		pP	pP	11 00 32.6 -2.5
LZH	Lanzhou	33.43 326	pP	pP	11 03 02.9 +1.2
LZH			pmax	pmax	
LZH	comp=Z,12nm,1.3s		LR	LR	
LZH	comp=Z,550nm,16.5s		LR	LR	
LZH	comp=Z,650nm,17.5s		LR	LR	
LZH	comp=Z,860nm,14.6s		LR	LR	
AS31	Alice Springs	33.76 167	P	P	11 00 23.3 -0.7
ASAR	Alice Springs	33.76 167	P	P	11 00 23.4 -0.7
ASAR	comp=Z,3.4nm,0.4s,baz=352,slow=7.1,SNR=9.1		pP	pP	11 03 02.5 -0.1
ASAR	comp=Z,2.7nm,0.8s,baz=337,slow=2.8,SNR=2.2		S	S	11 05 38.8 -5.2
ASAR	comp=Z,1.4nm,0.9s,baz=351,slow=17,SNR=4.2		S	S	11 06 41.4 -1.5
ASAR	comp=Z,2.7nm,0.9s,baz=344,slow=3.2,SNR=7.2		LR	LR	11 16 40.7
ASAR	comp=Z,1.04nm,18.1s,baz=339,slow=41		P	P	11 00 23.6 -0.4
ASAR	comp=Z,3.4nm,0.4s		P	P	11 00 28.4 +0.6
CN2	Changchun	34.23 359	P	P	11 00 28.4 +0.6
CN2			pmax	pmax	
WRKA	Warakuna	34.34 177	P	P	11 00 29.4 +0.3
USRK	Ussuriysk Ar.	34.98 7	P	P	11 00 35.2 +0.9
USRK	comp=Z,51nm,0.8s,baz=191,slow=7.7,SNR=5.0		P	P	
MDJ	Mudanjiang	35.15 4	P	P	11 00 36.8 +1.0
MDJ	comp=Z,100nm,1.0s		pmax	pmax	
MDJ	comp=Z,330nm,3.6s		pP	pP	11 00 37.2 +1.4
MDJ	Mudanjiang	35.15 4	pP	pP	11 00 50.2 +1.1
MDJ			pP	pP	11 03 06.8 +0.6
CTA	Charters Tower	35.35 146	P	P	11 00 38.3 +0.4
CTA	comp=Z,7.0nm,0.9s,baz=338,slow=1.9,SNR=7.4		LR	LR	11 17 12.2
CTA	comp=Z,138nm,18.6s,baz=357,slow=40		P	P	11 00 39.1 +1.2
CTA	Charters Tower	35.35 146	P	IAMB	11 00 52.1
XLT	XiLinHaoTe	35.44 347	eP	pP	11 00 38.3 -0.1
XLT			sP	sP	11 00 49.7 -2.3
XLT			pmax	pmax	11 06 50.6 +1.9
XLT	comp=Z,16nm,1.0s		pmax	pmax	
XLT	comp=Z,140nm,5.1s		LR	LR	
BRDH	Bariadhala	35.65 296	LR	LR	11 15 23.4
ERM	Erino	35.69 22	P	P	11 00 42.5 +2.1
BNX	BinXian	36.17 1	pP	pP	11 00 44.8 +0.3
BNX			pmax	pmax	
SHL	Shilong	36.33 301	P	IAMB	11 00 44.6 -1.8
SHL			IAMB	IAMB	11 00 59.5
ASAJ	Asahikawa	37.34 20	P	P	11 01 18.9 5.7
JKA	Kamikawa-asahi	37.34 20	P	P	11 00 56.6 +2.1
TATA	Tatama Isabel	37.83 117	P	P	11 00 59.6 +0.5
GTAZ	Gaotai	38.12 326	eP	pP	11 01 00.2 -1.2
GTAZ			pP	pP	11 01 11.7 -3.7
GTAZ			pP	pP	11 03 14.4 -1.1
GTAZ			sP	sP	11 06 59.9 +1.1
GTAZ			pmax	pmax	
GTAZ	comp=Z,6.0nm,0.8s		LR	LR	
GTAZ	comp=Z,320nm,20.0s		LR	LR	
GTAZ	comp=Z,550nm,19.3s		LR	LR	
GOMU	GeErMu	39.02 318	P	P	11 01 10.5 +1.2
GOMU			pmax	pmax	
MORW	Morawa	39.54 194	P	P	11 01 14.3 +1.2
MORW			IAMB	IAMB	11 01 28.1
INKA	Innaminka	39.55 160	P	P	11 01 13.2 -0.1
NGOA	Tingoa Renbel	39.58 121	P	P	11 01 14.4 +0.8
YSS	Yuzhno-Sakhal	39.93 18	IAMB	IAMB	11 01 17.6 +1.4
YSS			IAMB	IAMB	11 01 18.6
YSS	comp=Z,80nm,1.5s		P	P	11 01 17.4 +1.3
YSS			sP	sP	11 01 36.5 +1.4

YSS	Forrest	40.04 178	P	P	11 03 20.7 -0.1
FORT	WAKE ISLAND Hy	40.18 73	T	T	11 01 17.4 +0.2
H1S3	WAKE ISLAND Hy	40.18 73	T	T	11 44 19.2
H1S1	WAKE ISLAND Hy	40.20 76	T	T	11 44 23.6
H1S2	WAKE ISLAND Hy	40.20 73	T	T	11 44 21.5
HILR	Hailar Array B	40.34 353	P	P	11 01 19.6 0.0
HILR	comp=Z,3.4nm,0.5s,baz=161,slow=9.4,SNR=5.0		P	P	11 03 22.4 +0.2
H1N1	WAKE ISLAND Hy	40.54 71	T	T	11 44 46.5
H1N2	WAKE ISLAND Hy	40.55 71	T	T	11 44 55.5
H1N3	WAKE ISLAND Hy	40.56 71	T	T	11 44 46.6
HURO	Huro Makira	40.62 118	P	P	11 01 23.0 +0.7
HEH	HeiHe	40.69 1	eP	P	11 01 23.1 +0.7
HEH			pmax	pmax	
ULN	Ulanbatar	41.58 341	P	P	11 01 29.6 -0.4
ULN	Ulanbatar	41.58 341	P	P	11 01 28.4 -1.6
KLBR	Kellerberrin	41.61 191	P	P	11 01 31.2 +1.0
SONM	Songino Array	41.77 340	P	P	11 01 30.9 -0.6
SONM	comp=Z,1.9nm,0.7s,baz=159,slow=8.4,SNR=15		P	P	11 03 26.7 -0.2
SONM	comp=Z,1.6nm,0.9s,baz=169,slow=3.3,SNR=6.2		S	S	11 07 12.1 -0.8
SONM	comp=Z,1.6nm,19.6s,baz=132,slow=39		LR	LR	11 20 36.7
SONM	comp=Z,1.9nm,0.7s		P	P	11 01 30.6 -1.0
SONM	Songino Array	41.77 340	P	P	11 01 37.4 +1.6
MUN	Munding	42.30 193	P	P	11 01 43.1 +1.6
NWA0	Narrogin (SRO)	43.01 191	P	P	11 01 41.1 -0.9
BBOO	Buckleboo	43.06 168	P	P	11 01 42.3 +0.4
BBOO	Buckleboo	43.06 168	P	P	11 01 46.7 0.0
STKA	Stephens Creek	43.64 161	P	P	11 01 46.6 -0.1
STKA	comp=Z,9.3nm,0.5s		P	P	11 01 53.1 +0.9
HTT	Hallett	43.22 165	P	LR	11 21 15.2
PALK	Pallekele	45.09 271	LR	LR	11 02 17.6 0.0
SANVU	Saraoutou	47.52 121	P	P	11 02 20.5 +0.6
WHQ	Wharfedale	47.85 323	eP	pP	11 02 29.3 -5.0
WMQ	Wimbor		pP	pP	11 03 48.5 +0.6
WMQ	comp=Z,6.0nm,0.7s		LR	LR	
WMQ	comp=Z,220nm,17.9s		LR	LR	
CAN	Canberra	49.45 155	P	P	11 02 33.2 +1.0
CAN	Canberra	49.45 155	P	P	11 02 33.3 +1.1
CAN	Canberra	49.45 155	pP	pP	11 02 46.7 +0.6
CNB	Canberra Magne	49.60 155	P	P	11 02 34.6 +1.3
TOO	Toolanga	50.13 160	IAMB	IAMB	11 02 38.7 +1.4
TOO			IAMB	IAMB	11 02 39.8
DZM	Mont Dzumac	50.35 129	eP	P	11 02 40.6 +1.3
DZM	comp=Z,46nm,9.8s		eS	S	11 09 49.3 +0.5
DZM	comp=Z,74nm,23.6s		eSS	SS	11 13 19.8 -3.6
DZM	comp=Z,508nm,24.8s		eLR	LR	11 17 00.7
DZM	Mont Dzumac	50.35 129	P	P	11 02 40.3 +0.9
DZM			IAMB	IAMB	11 02 46.5
PEA0B	Petrovsk	50.39 24	P	P	11 02 40.3 +1.3
PETK	Petrovsk	50.39 24	P	P	11 02 39.5 +0.5
PETK	comp=Z,26nm,0.9s,baz=201,slow=4.8,SNR=93		LR	LR	11 22 25.1
PETK	comp=Z,105nm,21.2s,baz=221,slow=34		P	P	11 02 40.2 +1.1
PETK	comp=Z,26nm,0.9s		P	P	11 02 42.8 +1.3
PETK	Petrovsk	50.39 24	P	P	11 02 47.5 -0.1
PETK	Petrovsk	50.72 26	P	P	11 02 51.4 -0.7
ZSN	Zaisan	51.52 325	eP	P	11 02 54.5 -0.4
WUS	Wushi	52.08 316	P	P	11 02 55.5 -0.6
YAK	Yakutsk	52.54 2	P	P	11 07 57.6 -0.8
MKAR	Makanchi Array	52.66 323	P	P	11 10 19.9 +0.1
MKAR	comp=Z,9.7nm,0.7s,baz=122,slow=7.9,SNR=108		S	S	11 26 50.6
MKAR	comp=Z,1.0nm,1.0s,baz=126,slow=4.9,SNR=7.5		S	S	
MKAR	comp=Z,0.6nm,1.0s,baz=103,slow=6.2,SNR=4.2		LR	LR	
MKAR	comp=Z,311nm,21.0s,baz=114,slow=38		LR	LR	
MKAR	comp=Z,9.7nm,0.7s		P	P	11 02 54.3 -2.6
SHLS	Shalkoe	52.73 318	eP	P	11 02 57.3 -0.2
MAKZ	Makanchi	52.85 323	P	IAMB	11 02 58.1
MAKZ	comp=Z,15nm,1.1s		P	P	11 02 57.0 -0.6
MAKZ	Makanchi	52.85 323	pP	sP	11 03 16.3 -2.1
TARG	Taragay, Kyrgy	53.26 316	P	P	11 03 00.9 -0.3
MA2	Magadan	53.33 15	P	P	11 03 01.9 +0.2
MA2	Magadan	53.33 15	P	P	11 03 01.9 +1.1
SATY	Saty	53.39 317	eP	P	11 03 01.2 -0.6
KSH2	Kashi	53.93 312	pmax	pmax	11 03 05.9 +0.1
KSH2	comp=Z,6.0nm,1.1s		P	P	11 03 06.8 -0.7
NIL	Nilore	54.17 305	P	P	11 03 06.7 -0.8
DNL	Taldygorghan	54.21 320	eP	P	11 03 08.1 -0.6
DNL	comp=Z,6.7nm,0.7s		P	P	11 03 08.8 -0.6
MDOK	Medeo	54.34 317	eP	P	11 03 08.8 -0.6
TNSS	Tian-Shan	54.36 317	eP	P	11 03 08.8 -0.6
AAA	Alma-Ata	54.58 317	eP	P	11 03 10.1 -0.2
ULHL	Ulhal	54.54 316	P	P	11 03 15.3 +0.1
TOKM2	Tokmak 2	55.23 316	P	P	11 03 14.0 -1.4
ZAAO	Zalesovo Array	55.33 332	P	P	11 03 13.9 -1.5
ZALV	Zalesovo Beam	55.33 332	P	P	11 29 16.0
ZALV	comp=Z,4.4nm,0.6s,baz=116,slow=6.8,SNR=16		LR	LR	
ZALV	comp=Z,147nm,18.2s,baz=126,slow=38		LR	LR	
ZALV	comp=Z,4.4nm,0.6s		P	P	11 03 19.4 +0.3
UCH	Uchtor	55.73 315	P	P	11 03 18.9 -0.5
CHMS	Chumysh	55.84 316	P	P	11 29 19.2
AAK	Ala-Archa	55.88 316	LR	LR	11 03 19.4 -0.5
AAK	comp=Z,374nm,20.5s,baz=98,slow=38		P	P	11 03 20.4 -0.5
AAK	Ala-Archa 316	55.88 316	P	P	11 03 20.6 -0.7
USP	Ospenovka	56.11 316	P	P	11 03 23.8 -0

12d 10h

Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like 1H18K Honhosa River, G18K Tagagawik, P17K Kvichak River, etc.

2020 JAN

Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like E23K Chandalar, I23K Minto, Yukon-K, TOLK Tood Lake Re, etc.

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Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like M30M Minto, Yukon, ARAO ARCESS Array S, ARCS ARCESS Array S, etc.

12d 12h

Table with columns: CMAR, SONM, WRA, ASAR, MKAR, ZALV, KURBB, BVAR. Includes station names, times, and phases.

12d 12:31:33.7:1.3, 24:77N:124:09E, h0km, mb3.3/4, mbtmp3.4/5, ML2.5/1, Error ellipse: s-maj=46.0km s-min=26.6km az=83.0

JMA 12:12:31:37.4:0.1, 24:77N:0:8:124:4E:0.4, h19km, MV3.6/10, NEAR ISHIGAKIJIMA ISLAND

JMA Felt 1 J1 at NEAR ISHIGAKIJIMA ISLAND, ISC 12:12:31:36.5:1.4, 24:76N:0:08:124:38E:0.05, h16km, g9km, n15, c0971/26, mb3.3/4, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various stations like Ishigakijima, Tarama, Ishigaki jima, etc.

12d 12:31:43.3:0.8, 13:92N:121:04E, h0km, mb3.6/10, mbtmp3.6/10, MS3.4/13, Error ellipse: s-maj=38.6km s-min=5.5km az=63.0, Mindoro

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Tagaytay City, Davao City (W), Sorong, Kappang, Nakatsue, etc.

12d 12:34:41.2:1.4, 13:87N:121:14E, h0km, mb3.4/5, mbtmp3.4/5, Error ellipse: s-maj=59.4km s-min=8.6km az=54.0

ISC 12:12:34:42.3:1.3, 13:93N:0:2:121:1E:0.3, h10km, n6, c075/6, mb3.3/5, Mindoro

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Tagaytay City, Tagaytay City, etc.

2020 JAN

0.5mm,0.8s MKAR Makanchi Array 46.11 323 P P 12 43 07.7 +0.9

JMA 12:12:40:10.1:0.2, 42:00N:0:8:142:22E:0.8, h67km, 2km, MV2.9/36, S OFF URAKAWA

ISC 12:12:40:12.7:1.7, 42:14N:142:33E, h89km, 18km, mb3.1/6, mbtmp3.5/9, MS2.9/1, Error ellipse: s-maj=30.7km s-min=15.9km az=97.0

ISC 12:12:40:10.7:0.8, 42:05N:0:0:142:18E:0.03, h61km, 8km, n34, c096/40, mb3.4/6, Hokkaido region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Hidakashihida, Urukawa-nobuka, etc.

37m,0.5s, baz=228, slow=33, SNR=1.2

0.9m,0.5s, baz=30, slow=12, SNR=5.9

1.6m,0.7s, baz=65, slow=14, SNR=2.8

4.8m,1.0s, baz=213, slow=10, SNR=1.8

comp=2.29mm, 18.1s, baz=144, slow=64

0.4m,0.6s, baz=81, slow=7.1, SNR=2.7

0.4m,0.6s

0.3m,0.3s, baz=77, slow=9.1, SNR=4.0

0.3m,0.3s

0.5m,0.5s, baz=72, slow=9.4, SNR=2.5

0.2m,0.4s

0.1m,0.5s, baz=2.4, slow=7.0, SNR=1.1

0.1m,0.5s

NEIC 12:12:41:25.4:2.2, 17:73N:0:03:66:85W:0.01, h10km, 2km, ML3.0/29, MD2.2/5 (RSPR), Error ellipse: s-maj=5.0km s-min=3.0km az=3.0

RSPR 12:12:41:28.6, 17:93N:66:85W, h11km, MD2.1/5

ISC 12:12:41:27.2:1.7, 17:87N:0:06:66:85W:0.03, h21km, 2km, n35, c0973/50, 12C, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like Magueyes Islan, Magueyes Islan, etc.

comp=N, 1.1um, 0.2s

comp=E, 2um, 0.2s

comp=N, 1.1um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

comp=N, 2um, 0.2s

Table with columns: S/JG, S/JG, IDE, IDE, GPCR, GPCR, GPCR, HUMP, HUMP, HUMP, HUMP, HUMP, HUMP, DR12. Includes station names, times, and phases.

12d 12:41:55.5:1.0, 13:90N:121:13E, h0km, mb3.4/8, mbtmp3.4/8, Error ellipse: s-maj=36.5km s-min=7.3km az=48.0

ISC 12:12:41:56.8:1.1, 13:93N:0:2:121:1E:0.2, h10km, n9, c1902/9, mb3.5/8, Mindoro

Code, Station Name, Az, Phase, ID, Time, Res, ISC

8um,0.3s, baz=22.1, slow=16, SNR=10

1.1um,0.3s, baz=44.2, slow=20, SNR=7

1.3m,0.7s, baz=98, slow=7.7, SNR=10

1.3m,0.7s

0.9m,0.6s

0.9m,0.6s, baz=194, slow=9.3, SNR=2.2

0.9m,0.6s

0.3m,0.6s, baz=153, slow=9.7, SNR=2.5

0.3m,0.6s

0.5m,0.7s, baz=342, slow=8.6, SNR=2.0

0.5m,0.7s

0.3m,0.6s, baz=338, slow=7.1, SNR=6.0

0.3m,0.6s

0.2m,0.7s, baz=140, slow=9.4, SNR=2.0

0.2m,0.7s

0.3m,0.4s, baz=111, slow=8.2, SNR=1.6

0.4m,0.6s

0.4m,0.6s, baz=122, slow=7.3, SNR=5.3

0.4m,0.6s

12d 12:46:51.5:2.7, 9:80S: 113:60E, h0km, mb3.4/5, mbtmp3.4/5, Error ellipse: s-maj=140.0km s-min=22.0km

DJA 12:12:47:01.4:0.5, 10:5S:5:11:4E:1, h10km, M4.1/15, mb4.2/2, MLV4.0/15

ISC 12:12:46:57.6:1.1, 9:86S:0:09:113:92E:0.10, h35km, n24, c194/21, mb3.5/5, South of Java

Code, Station Name, Az, Phase, ID, Time, Res, ISC

1.40 9 Op P

1.59 49 P

1.65 343 P

1.72 36 P

1.73 47 P

2.08 9 P

2.13 351 P

2.23 48 P

2.56 56 P

2.79 1 P

2.98 314 P

3.00 315 P

3.13 69 P

3.88 300 P

4.54 75 P

6.05 77 P

7.75 82 P

14.01 127 P

0.1m,0.3s, baz=27, slow=21, SNR=1.4

0.1m,0.3s, baz=23, slow=22, SNR=1.6

0.3m,0.5s, baz=292, slow=1.2, SNR=6.8

0.9m,0.6s, baz=302, slow=9.4, SNR=20

0.9m,0.6s

1.4m,0.7s, baz=317, slow=13, SNR=2.9

1.4m,0.7s

0.2m,0.4s, baz=178, slow=7.6, SNR=1.6

0.2m,0.5s, baz=144, slow=7.2, SNR=4.2

0.2m,0.5s

12d 12:48:06.8:1.1, 8:18N:121:03E, h0km, mb3.3/6, mbtmp3.4/6, Error ellipse: s-maj=20.1km s-min=8.1km az=76.0

ISC 12:12:48:07.8:1.3, 13:93N:0:2:121:1E:0.3, h10km, n7, c056/7, mb3.4/6, Mindoro

Code, Station Name, Az, Phase, ID, Time, Res, ISC

0.28 315 Op P

9um,0.3s, baz=194, slow=19, SNR=11

9um,0.3s, baz=165, slow=13, SNR=8.3

0.5m,0.3s, baz=96, slow=7.5, SNR=5.7

0.5m,0.3s

0.7m,0.1s

0.7m,1.1s, baz=329, slow=10, SNR=1.6

0.2m,0.7s

0.2m,0.7s, baz=337, slow=8.5, SNR=1.1

0.2m,0.7s

0.3m,0.6s, baz=126, slow=7.3, SNR=2.6

0.3m,0.8s

0.6m,0.6s, baz=130, slow=7.3, SNR=4.1

0.2m,0.3s

12d 12:51:15.3:0.9, 13:90N:121:09E, h0km, mb3.8/9, mbtmp3.8/9, Error ellipse: s-maj=45.2km s-min=6.8km az=56.0

NEIC 12:51:17.9:2.3, 14:03N:0:06:121:05E:0.1, h10km, 1km, mb4.3/11, Error ellipse: s-maj=10.2km s-min=6.9km az=191.0

ISC 12:51:15.3:2.9, 13:99N:0:08:121:2E:0.1, h1km, 18km, n29, c082/30, mb3.9/15, Mindoro

Code, Station Name, Az, Phase, ID, Time, Res, ISC

0.29 293 Op P

18um,0.3s, baz=200, slow=4.9, SNR=19

18um,0.3s, baz=157, slow=13, SNR=24

0.3m,0.3s, baz=198, slow=20, SNR=8

9.35 1 P

12.80 182 P

14.50 182 P

15.02 174 P

21.83 285 P

comp=Z, 9.1nm, 1.0s

12d 12:56:09.1:0.2

NEIC 12 13:45:14.0±0.1, 17.79N±0.03,66.85W±0.01, h10km,2km,
ML3.1/30, Md2.6/5(RSPR), Error ellipse: s-maj=4.8km
s-min=3.0km az=3.0

RSPR 12 13:45:15.2, 17.86N±0.06,87W, h7km,1km, MD2.6/5
ISC 12 13:45:14.3±1.3, 17.83N±0.07,66.87W±0.03, h23km, n33,
c=044/48, 3C-SD, Puerto Rico region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Magueyes Islan, Cabo Rojo, PR, Obispo Ponce, etc.

IDC 12 13:46:24.2±1.4, 13.88N±121.11E, h0km, mb3.2/4,
mbtmp3.3/4, Error ellipse: s-maj=62.3km s-min=12.2km
az=59.0, Mindoro

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Tagaytay City, Chiang Mai Arr, Sonm, etc.

IDC 12 13:49:06.8±1.6, 13.87N±121.16E, h0km, mb3.2/4,
mbtmp3.3/4, Error ellipse: s-maj=61.4km s-min=12.2km
az=54.0, Mindoro

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Tagaytay City, Chiang Mai Arr, WRA, etc.

INMG 12 13:50:21.1±1.4, 36.67N±11.50W, h38km, ML1.9, Error
ellipse: s-maj=7.4km s-min=4.7km az=94.0,
#DIST_RANGE: REGIONAL #PMA_REGION: Gorringe
MDD 12 13:50:21.4±1.3, 36.86N±11.21W, h0km, mb_Lg7.7/3,
Error ellipse: s-maj=11.1km s-min=8.5km az=93.0

CNRM 12 13:50:26.7, 36.39N±10.79W, h42km, ML3.2
ISC 12 13:50:16.7±3.0, 36.71N±10.05±11.21W±0.09, h0km±16km,
n38, c=206/71, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Vila Bisbo, RPSI, MORF, etc.

Main table with columns: PTEO, MESSJ, BBDV, Castro Verde, Mafra, Vaqueiros, Beja, So Bento, Espera, etc. Includes station names, coordinates, and times.

IDC 12 13:50:58.0±0.9, 13.93N±121.23E, h0km, mb3.8/11,
mbtmp3.8/11, MS3.4/6, Error ellipse: s-maj=29.0km
s-min=10.8km az=38.0
NEIC 12 13:50:59.8±1.9, 14.0N±0.2, 121.16E±0.08, h7km, 7km,
mb4.3/15, Error ellipse: s-maj=24.3km s-min=4.9km
az=206.0

ISC 12 13:50:60.0±0.8, 14.0N±0.1, 121.1E±0.1, h10km, n40,
c=098/34, mb4.1/18, MS3.3/3, Mindoro

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Tagaytay City, DAV, SBUM, etc.

Table with columns: WRR, AS31, ASAR, ASAR, PALK, MKAR, MKAR, ZALV, ZALV, AAK, AAK, KURK, KURB, KK31, KK31, KKAR, BVAR, BORK, BORK, AB31, AB31, ABKAR, AKTO, YKA. Lists stations and their coordinates.

RSPR 12 13:53:09.0, 17.93N±66.74W, h8km, 3km, MD2.6/7
NEIC 12 13:53:09.0±1.4, 17.97N±0.02, 66.74W±0.009,
h10km±1km, ML2.5/30, Md2.6/5(RSPR), 11C-1D, Error
ellipse: s-maj=4.2km s-min=2.5km az=166.0, Puerto
Rico region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Obispo Ponce, Cerrillos, UPR, etc.

IDC 12 13:54:26.0±1.2, 13.99N±121.26E, h0km, mb3.2/6,
mbtmp3.2/6, Error ellipse: s-maj=32.5km s-min=12.5km
az=59.4/7, mb3.3/6, Mindoro

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like Tagaytay City, Chiang Mai Arr, Sonm, etc.

IDC 12 13:55:37.4:1.6, 13.84N-121.19E, h0km, mb3.3/5, mbtmp3.3/5, Error ellipse: s-maj=74.3km s-min=12.0km az=54.0, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include TGy Tagaytay City, CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, and KURBB Kurchatov Arra.

IDC 12 13:56:43.6:1.6, 13.91N-121.25E, h0km, mb3.1/5, mbtmp3.2/5, Error ellipse: s-maj=59.7km s-min=14.4km az=65.0, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include TGy Tagaytay City, CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, and KURBB Kurchatov Arra.

RSPR 12 13:58:01.6, 17.91N-66.84W, h6km, MD2.9/9 NEIC 12 13:58:00.1:1.0, 17.82N-0.03-66.83W, 0.01, h10km, 2km, ML2.8/32, MD2.9/9(RSP), 5D, Error ellipse: s-maj=4.7km s-min=3.0km az=6.0, Puerto Rico region

Large table listing various stations including MLPR Magueyes Islan, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arra, and others, with columns for Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC.

IDC 12 13:58:08.6:1.8, 14.00N-121.29E, h0km, mb3.3/4, mbtmp3.4/4, Error ellipse: s-maj=49.2km s-min=13.4km az=32.0, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include TGy Tagaytay City, CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, and MKAR Makanchi Array.

0.3nm,0.8s KURBB Kurchatov Arra 50.27 326 P P 14 07 06.5 -0.1

IDC 12 14:00:25.0:0.9, 13.96N-121.22E, h0km, mb3.8/9, mbtmp3.8/9, MS3.3/12, Error ellipse: s-maj=26.9km s-min=10.5km az=35.0 NEIC 12 14:00:27.3:1.5, 14.0N-0.1:121.2E:0.2, h10km, 1km, mb4.4/16, Error ellipse: s-maj=27.5km s-min=19.1km az=250.0

IDC 12 14:00:26.4:0.7, 14.04N-121.19E:0.10, h10km, n41, r121/30, mb4.0/17, MS3.1/9, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include TGy Tagaytay City, DAV Davao City (W), YULB Yulu, SBUM Sibiu, SJJI Sorong, KAPI Kappang, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CHTO Chiang Mai, GUMO Guam, KRSR Koro Atarray, PSI Prapat, JAY Jayapura, JHJ Hachiojima 2, JGF Kuroka, BRDH Baridaha, SHL Shilong, LSA Lhasa, MBWA Marble Bar, SONM Songino Array, SONM Songino Array, WBO Warramunga Arr, WRAB Warramunga Arr, WRA Warramunga Arr, WRB Warramunga Arr, YSS Yuzho-Sakhali, ASAR Alice Springs, MKAR Makanchi Array, MAKZ Makanchi, ZALV Zalesovo Beam, AAK Ala-Archa, KURK Kurchatov, KURK Kurchatov, KURBB Kurchatov Arra, KK31 Karatay Array, BKAR Karatay Array, BORO Borovoye Array, BKZ Black Stump Fm, YKA Yellowknife Arr, WRA Warramunga Arr, ASAR Alice Springs, KURBB Kurchatov Arra, and MKAR Makanchi Array.

IDC 12 14:03:00.4:1.6, 13.82N-121.13E, h0km, mb3.3/4, mbtmp3.3/4, Error ellipse: s-maj=75.2km s-min=13.5km az=60.0, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include TGy Tagaytay City, CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, MAKZ Makanchi, ZALV Zalesovo Beam, AAK Ala-Archa, KURK Kurchatov, KURK Kurchatov, KURBB Kurchatov Arra, KK31 Karatay Array, BKAR Karatay Array, BORO Borovoye Array, BKZ Black Stump Fm, YKA Yellowknife Arr, WRA Warramunga Arr, ASAR Alice Springs, KURBB Kurchatov Arra, and MKAR Makanchi Array.

IDC 12 14:03:00.4:1.6, 13.82N-121.13E, h0km, mb3.3/4, mbtmp3.3/4, Error ellipse: s-maj=75.2km s-min=13.5km az=60.0, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include TGy Tagaytay City, CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, KURBB Kurchatov Arra, and MKAR Makanchi Array.

IDC 12 14:05:10.8:1.2, 13.99N-120.92E, h0km, mb3.2/4, mbtmp3.3/4, Error ellipse: s-maj=32.3km s-min=10.6km az=96.0, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include TGy Tagaytay City, CMAR Chiang Mai Arr, SONM Songino Array, WRA Warramunga Arr, ASAR Alice Springs, and MKAR Makanchi Array.

IDC 12 14:06:28.6:1.2, 13.94N-121.29E, h0km, mb3.8/6, mbtmp3.8/6, MS3.2/1, Error ellipse: s-maj=32.9km s-min=12.4km az=36.0 NEIC 12 14:06:30.4:0.9, 14.04N-0.08-121.23E:0.105, h5km, 4km, mb4.3/9, Error ellipse: s-maj=11.3km s-min=5.5km az=199.0

IDC 12 14:06:30.3:0.7, 14.04N-121.25E:0.09, h10km, n22, c069/21, mb4.1/11, Luzon

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include TGy Tagaytay City, CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, and MKAR Makanchi Array.

TGY Tagaytay City 0.31 283 Pg Pg 14 06 58.8 -0.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include TGy Tagaytay City, YJOY Yonaguni jima, SBUM Sibiu, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, GUMO Guam, SONM Songino Array, SONM Songino Array, WBO Warramunga Arr, WRAB Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, STKA Stephens Creek, KURK Kurchatov, KURK Kurchatov, KURBB Kurchatov Arra, KK31 Karatay Array, KK31 Karatay Array, KKAR Karatay Array, SEY Seymchan, and ABKAR Abkulaq array.

IDC 12 14:08:28.4:2.4, 13.86N-121.16E, h0km, mb3.4/3, mbtmp3.5/3, MS3.5/1, Error ellipse: s-maj=103.4km s-min=13.3km az=55.0, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include TGy Tagaytay City, CMAR Chiang Mai Arr, BATI Bauma, WRA Warramunga Arr, ASAR Alice Springs, and WRA Warramunga Arr.

IDC 12 14:14:14.9:1.1, 13.94N-121.27E, h0km, mb3.7/7, mbtmp3.7/7, MS3.1/5, Error ellipse: s-maj=30.6km s-min=12.0km az=36.0

IDC 12 14:14:16.5:1.2, 13.9N-0.2-121.2E:0.2, h10km, n12, c080/8, mb3.7/7, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include TGy Tagaytay City, DAV Davao City (W), SJJI Sorong, KAPI Kappang, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, GUMO Guam, SONM Songino Array, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arra, and BVAR Borovoye Array.

NOU 12 14:16:34.3:40.51S-174.21E, h75km, MLV3.5/18, Cook Strait, New Zealand

WEL 12 14:16:36.0:6.41'S-5.17'E, h59km, 10km, M3.2/66, ML3.2/14, MLV3.2/66, Error ellipse: s-maj=6.4km s-min=5.2km az=170.1, confirmed

IDC 12 14:16:37.1:3.4, 40.51S-0.03-174.18E:0.03, h94km, 6km, n138, c087/128, Cook Strait

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include DUWZ D'Urville Isla, DUWZ D'Urville Isla, KIWI Kapiti Island, KIWI Kapiti Island, TCW Tory Channel, TCW Tory Channel, OTKS Otaki School, QCCS Picton Queen C, POKS Katoa Kinderga, POKS Katoa Kinderga, PWES Poriru West, PWES Poriru West, OGWZ Otaki George, OGWZ Otaki George, MKBS Makara Bunker, MKBS Makara Bunker, HAVS Havelock, HAVS Havelock, MNZO South Karori, MNZO South Karori, SNZO South Karori, SNZO South Karori, WEL Wellington, WEL Wellington, UHCS Upper Hutt Col, UHCS Upper Hutt Col, CAW Cannon Point, CAW Cannon Point, OHWZ Ohakea, OHWZ Ohakea, NNZ Nelson, NNZ Nelson, NIWZ Nihoa, NIWZ Nihoa, TUWZ Tuamarina, TUWZ Tuamarina, WAZ Wanganui, WAZ Wanganui, BHW Baring Head, BHW Baring Head, LREZ Lake Rotokare, LREZ Lake Rotokare, TKNZ Takaka Hill, TKNZ Takaka Hill, MRZ Mount Ross, MRZ Mount Ross, HOWZ Holdsworth Sta, HOWZ Holdsworth Sta, NMEZ Namu Road, NMEZ Namu Road, PREZ Palmer Road, PREZ Palmer Road, MTW Mount Morrison, MTW Mount Morrison, MSWZ Motuka Station, MSWZ Motuka Station, POWZ Post Office Ro, POWZ Post Office Ro.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TGY Tagaytay City, DAV Davao City, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TGY Tagaytay City, DAV Davao City, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ESPR Espera, EGOR Sierra Gorda, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ETOR Torette, MVO Moncorvo, POLO Lamas de Olo, etc.

IDC 12 14:33:33.2, 1.0, 13.90N, 121.14E, h0km, mb3.8/8, mblmp3.8/8, Error ellipse: s-maj=40.6km s-min=10.3km az=50.0

NEIC 12 14:33:34.2, 1.4, 14.0N, 0.1, 121.12E, 0.1, h0km, 6km, mb4.2/15, Error ellipse: s-maj=21.9km s-min=4.2km az=218.0

ISC 12 14:33:34.8, 0.7, 13.95N, 0.1, 121.1E, 0.1, h10km, n30, 0.84/30, mb4.1/16, Mindoro

Main station list table for the first section, including TGy Tagaytay City, SBUM Sibiu, CMAR3 Chiang Mai Arr, MBWA Marble Bar, etc.

IDC 12 14:34:12.8, 0.8, 29.41N, 81.66E, h0km, mb3.9/15, mblmp3.9/18, ML4.0/3, MS3.0/1, Error ellipse: s-maj=22.5km s-min=16.4km az=43.0

NEIC 12 14:34:14.8, 1.2, 29.5N, 0.1, 81.7E, 0.1, h10km, 1km, mb4.4/36, Error ellipse: s-maj=21.8km s-min=12.4km az=210.0

NDI 12 14:34:17.7, 0.9, 29.38N, 81.86E, h100km, ML4.4, MW4.3, mb4.4(NEIC)

DMN 12 14:34:17.2, 0.2, 29.63N, 81.34E, h30km, M4.5/8, Error ellipse: s-maj=8.5km s-min=4.4km az=30.0

ISC 12 14:34:17.9, 1.0, 29.46N, 0.05, 81.71E, 0.03, h35km, 4km, n85, r193/100, mb4.3/31, Nepal

Main station list table for the second section, including PTH Pithoragarh, LGTI Lohaghat, PYUN Piuthan, DANN Dangsing, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUN Allahabad, ALBI Allahabad, ALCI Alci, etc.

SHL Shilling, KSH2 Kashi, KBL Kabul, TARG Taragay, ARSN Arslanbob, BOOM Boomskoye usch, AAK Ala-Ata

WMO Urumqi, KK31 Karatay Arr, KKAR Karatay Arr, MKAR Makanchi Arr, MKAR Makanchi Arr, MAK2 Gaotai

GT2A GT2A, GT2A GT2A, LZDM Lanzhou Arr, KURBB Kurchatov Arr, KURK Kurchatov, ENH Enshi

ZAAO Zalesovo Arr, ZALV Zalesovo Arr, ZALV Zalesovo Arr, BVAR BVAR, AB31 Akbulak arr, AB31 Akbulak arr

ABKAR Akbulak arr, SONM Songino Arr, SONM Songino Arr, KURK Kurchatov, KURK Kurchatov, BRTR Keskin Arr

BRTR Keskin Arr, CSS Mathiatis, KARP Karpathos, FIA1 Finess Arr, FINES Finess Arr, FINES Finess Arr, TIXI Tiksi

TIXI Tiksi, PSZ Piszkesteto, HFS Hagfo, NOA NORARS Arr, FUORN Ofenpass-Fuorn, EKA Eskdalemuir Arr

CEST Estaci de Cel, ESDC Sonseca Arr, WB0 Warramunga Arr, WRA Warramunga Arr, WRAB Tennant Creek

C16K Lisburne Hills, C19K Lookout Ridge, ASAR Alice Springs, ASAR Alice Springs, F19K Shaluckick Mt

G19K Purcell Mounta, TORD Torodi Arr, RABL Rabaul, TOLK Toilik Lake, ILAR Elie Arr

SKT Skwentna, C36M Paulatuk, DHY Denali Highway, J26L Joseph Creek, ILON Igloolik, Nuna

SLKM Skliak Lake, H31M Peel River, I30M Mount Dempster, I30M Mount Dempster

SEW Seward, K29M Barlow Dome, K29M Barlow Dome

NEIC 12 14:39:33.1, 1.1, 17.88N, 0.03, 66.831W, 0.008, h8km, 6km, ML3.4/30, MD2.8/10(RSPR), Error ellipse: s-maj=4.0km s-min=0.9km az=172.0

RSPR 12 14:39:34.0, 17.93N, 66.85W, h9km, MD2.8/10, ISC 12 14:39:33.1, 2.1, 17.90N, 0.05, 66.83W, 0.02, h18km, 6km, n35, 0.67/47, 5C-5D, Puerto Rico region

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

MLPR Magueyes Islan, MLPR Magueyes Islan, MLPR Magueyes Islan, MLPR Magueyes Islan

OBIP Obispado Ponce, OBIP Obispado Ponce, OBIP Obispado Ponce, OBIP Obispado Ponce

CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR

CERRILLOS Cerrillos, LSP Las Mesas, LSP Las Mesas, LSP Las Mesas

UPRR Utuado, UPR, P, UPRR Puerto Rico Se, UPRR Puerto Rico Se, UPRR Puerto Rico Se

PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se

PRSN Puerto Rico Se, AOPR Arecibo Observ, AOPR Arecibo Observ, AOPR Arecibo Observ

AOPR Arecibo Observ, AOPR Arecibo Observ, AOPR Arecibo Observ, AOPR Arecibo Observ

ECPR Experimental S, ECPR Experimental S, ECPR Experimental S, ECPR Experimental S

AGPR Aguadilla, PR, AGPR Aguadilla, PR, AGPR Aguadilla, PR, AGPR Aguadilla, PR

EMPR Esperanza - Ma, EMPR Esperanza - Ma, EMPR Esperanza - Ma, EMPR Esperanza - Ma

EMPR Esperanza - Ma, EMPR Esperanza - Ma, EMPR Esperanza - Ma, EMPR Esperanza - Ma

SJG San Juan, SJG San Juan, SJG San Juan, SJG San Juan

SJG San Juan, IDE Isla Desecheo, IDE Isla Desecheo, IDE Isla Desecheo

GCPR Guaynabo City, GCPR Guaynabo City, GCPR Guaynabo City, GCPR Guaynabo City

HUMP Col San Antoni, HUMP Col San Antoni, HUMP Col San Antoni, HUMP Col San Antoni

HUMP Col San Antoni, HUMP Col San Antoni, HUMP Col San Antoni, HUMP Col San Antoni

DR12 Loma Pena Alta, DR12 Loma Pena Alta, DR12 Loma Pena Alta, DR12 Loma Pena Alta

GUC 12 14:41:54.6, 0.7, 23.69S, 68.32W, h140km, 6km, ML3.8, IDC 12 14:41:54.2, 2.4, 23.68S, 67.99W, h102km, 2.2km, mb3.4/4, mblmp3.8/7, Error ellipse: s-maj=32.7km s-min=19.2km az=102.0

NEIC 12 14:41:54.2, 0.8, 23.71S, 0.06, 68.3W, 0.1, h131km, 15km, mb4.2/3, ML3.8(GUC), Error ellipse: s-maj=14.5km s-min=8.1km az=93.0

SJA 12 14:41:54.3, 0.2, 63.64S, 68.26W, h125km, 4km, ML3.5, MW3.7, ISC 12 14:41:54.6, 0.8, 23.68S, 0.03, 68.29W, 0.04, h122km, 8km, n73, r193/93, Northern Chile

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

AF01 San Pedro de A, AF01 San Pedro de A, AF01 San Pedro de A, AF01 San Pedro de A

IPOC IPOC Station P, IPOC IPOC Station P, IPOC IPOC Station P, IPOC IPOC Station P

IPOC IPOC Station P, IPOC IPOC Station P, IPOC IPOC Station P, IPOC IPOC Station P

IPOC IPOC Station P, IPOC IPOC Station P, IPOC IPOC Station P, IPOC IPOC Station P

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IPOC Station P, San Lorenzo, San Ignacio, etc.

12d 14:43:42.0±0.8, 13.96N×121.20E, h0km, mb4.2/13, mbmp4.2/13, MS3.8/28, Error ellipse: s-maj=22.2km s-min=9.8km az=32.0

NEIC 12 14:43:44.6±1.3, 14.04N×102.08E, h1km, mb4.6/36, Error ellipse: s-maj=24.9km s-min=13.5km az=82.0

DJA 12 14:43:57.5±1.0, 14.1N×3.12E, h113km, mb4.4/20, mb4.4/20

ISC 12 14:43:44.5±0.5, 14.09N×102.06E, h10km, n94, s156/68, mb4.5/36, MS3.8/25, Luzon

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tagaytay City, Davao City (W), NACB, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chiang Mai Arr, PLAI, GUMU, etc.

12d 14:45:29.9±1.6, 13.98N×121.24E, h0km, mb3.4/4, mbmp3.4/3, MS3.7/2, Error ellipse: s-maj=45.1km s-min=13.1km az=36.0, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tagaytay City, Fitzroy Crossi, etc.

12d 14:47:56.3±4.5, 14.08N×121.17E, h0km, mb3.2/3, mbmp3.3/3, Error ellipse: s-maj=108.4km s-min=13.0km az=24.0, Luzon

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tagaytay City, Chiang Mai Arr, etc.

12d 14:49:44.1±1.3, 14.05N×121.42E, h0km, mb3.3/6, mbmp3.3/6, Error ellipse: s-maj=26.9km s-min=14.9km az=20.0

ISC 12 14:49:45.8±1.2, 14.0N×121.3E, h10km, n7, s134/7, mb3.3/6, Luzon

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tagaytay City, Chiang Mai Arr, etc.

12d 14:50:04.3±1.1, 14.04N×121.20E, h0km, mb3.4/4, mbmp3.4/6, Error ellipse: s-maj=25.8km s-min=11.5km az=21.0

ISC 12 14:50:05.8±1.2, 14.0N×121.1E, h10km, n7, s40/7, mb3.5/6, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tagaytay City, Chiang Mai Arr, etc.

12d 14:54:19.9±1.6, 14.03N×121.29E, h0km, mb3.2/4, mbmp3.2/4, Error ellipse: s-maj=37.8km s-min=14.3km az=25.0, Luzon

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tagaytay City, Chiang Mai Arr, etc.

12d 14:54:32.6±1.4, 13.87N×121.19E, h0km, mb3.2/5, mbmp3.3/5, Error ellipse: s-maj=56.1km s-min=12.0km az=51.0

ISC 12 14:54:33.8±1.3, 13.9N×121.2E, h10km, n6, s135/6, mb3.4/5, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tagaytay City, Chiang Mai Arr, etc.

12d 14:58:05.1±1.3, 14.06N×121.34E, h0km, mb3.5/5, mbmp3.6/5, Error ellipse: s-maj=30.3km s-min=13.6km az=23.0, Luzon

ISC 12 14:58:06.7±1.5, 14.0N×121.3E, h10km, n6, s147/6, mb3.4/5, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tagaytay City, Chiang Mai Arr, etc.

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

IDC 12 15:00:39.4±1.4, 13°89'N; 121°14'E, h0km, mb3.2/5, mbmp3.3/5, Error ellipse: s-maj=57.0km s-min=7.9km az=51.0

ISC 12 15:00:40.6±1.3, 13°9'N; 02°12'2E:0.3, h10km, n6, c0597/6, mb3.2/5, Mindoro

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for TGY Tagaytay City, CMAR Chiang Mai Arr, and SONM Songoing Array.

NEIC 12 15:01:23.9±1.2, 17°8'N; 01°14'6"E:0.2, h229km, 9km, mb4.2/16, Error ellipse: s-maj=29.0km s-min=14.7km az=94.0

IDC 12 15:01:25.6±3.0, 17°68'N; 146°03'E, h250km, 30km, mb2.8/4, mbmp3.5/5, Error ellipse: s-maj=39.0km s-min=17.9km az=93.0

ISC 12 15:01:21.0±0.8, 17°88'N; 008°146'0E:0.2, h200km, n27, c1668/23, mb4.1/14, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for DPSS Saipan, GUMO Guam, GUMG Guam, and WBO Warramunga Arr.

IDC 12 15:01:33.6±0.8, 14°00'N; 121°23'E, h0km, mb3.9/8, mbmp4.0/8, Error ellipse: s-maj=23.5km s-min=6.9km az=22.0

NEIC 12 15:01:35.4±1.4, 14°0'N; 01°12'17'E:0.06, h5km, 5km, mb4.3/17, Error ellipse: s-maj=15.8km s-min=4.9km az=203.0

ISC 12 15:01:35.2±0.6, 14°05'N; 009°12'19'E:0.10, h10km, n32, c0874/32, mb4.2/16, Luzon

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for TGY Tagaytay City, TPUB Ta-pu, CMAR Chiang Mai Arr, and WRA Warramunga Arr.

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

IDC 12 15:08:19.7±1.4, 14°09'N; 121°28'E, h0km, mb3.4/4, mbmp3.4/4, MS3.7/1, Error ellipse: s-maj=29.2km s-min=8.5km az=8.0, Luzon

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for TGY Tagaytay City, CMAR Chiang Mai Arr, and SONM Songoing Array.

IDC 12 15:08:50.7±3.2, 10°25'S; 119°32'E, h0km, mb3.4/1, mbmp3.1/3, ML3.0/2, Error ellipse: s-maj=247.7km s-min=30.9km az=49.0, Sumba region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, and MKAR Makanchi Array.

IDC 12 15:09:53.6±0.8, 8°13'33"N; 121°20'E, h0km, mb3.8/9, mbmp3.8/9, Error ellipse: s-maj=30.1km s-min=6.5km az=38.0

NEIC 12 15:09:55.2±1.7, 14°03'N; 008°12'18'E:0.5, h6km, 3km, mb4.4/18, Error ellipse: s-maj=12.1km s-min=4.9km az=205.0

ISC 12 15:09:55.2±0.7, 14°01'N; 008°12'12'E:0.1, h10km, n35, c0850/35, mb4.3/18, Luzon

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for TGY Tagaytay City, DAG Dayao City (W), and CMAR Chiang Mai Arr.

IDC 12 15:09:55.2±0.7, 14°01'N; 008°12'12'E:0.1, h10km, n35, c0850/35, mb4.3/18, Luzon

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for WBO Warramunga Arr, WRA Warramunga Arr, and ASAR Alice Springs.

IDC 12 15:10:15.2±1.8, 14°02'N; 121°23'E, h0km, mb3.4/3, mbmp3.5/3, MS3.3/1, Error ellipse: s-maj=49.3km s-min=11.4km az=21.0, Luzon

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

IDC 12 15:17:38.4±1.6, 14°08'N; 121°21'E, h0km, mb3.2/3, mbmp3.6/3, Error ellipse: s-maj=36.2km s-min=9.8km az=6.0, Luzon

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for TGY Tagaytay City, CMAR Chiang Mai Arr, and SONM Songoing Array.

VAO 12 15:19:03.8±1.1, 21°94'S; 68°03'W, h251km, 9km, mb4.3, Presumed earthquake

SJA 12 15:19:03.6±0.7, 21°87'S; 67°46'W, h205km, 5km, ML4.1, MW4.0

IDC 12 15:19:04.7±1.4, 21°93'S; 67°29'W, h175km, 19km, mb3.7/9, mbmp3.1/16, Error ellipse: s-maj=15.9km s-min=11.7km az=71.0

GUC 12 15:19:05.2±0.9, 21°91'S; 67°22'W, h222km, 6km, ML4.7

NEIC 12 15:19:05.5±1.1, 21°93'S; 006°67'47W:0.09, h189km, 6km, mb4.7/23, Mw1.4(GUC), Error ellipse: s-maj=12.3km s-min=9.0km az=76.0

SCB 12 15:19:05.9±1.4, 21°91'S; 67°46'W, h168km, 11km, ML4.5/4, Error ellipse: s-maj=5.2km s-min=2.9km az=0.0

ISC 12 15:19:04.9±0.6, 21°86'S; 004°67'43W:0.04, h184km, 5km, n161, c1825/194, mb4.5/19, 11C-2D, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for AF01 San Pedro de A, PB09 IPOC Station P, and YJA Yavi.

Table with columns: ID, Station Name, Frequency, Band, Mode, and other parameters. Includes stations like IPOC Station P, Humburstone, and various other frequencies.

Table with columns: ID, Station Name, Frequency, Band, Mode, and other parameters. Includes stations like Adamsville, Bloomington, Cathedral Cave, and various other frequencies.

Table with columns: ID, Station Name, Frequency, Band, Mode, and other parameters. Includes stations like Melos Los, Rapu Nui, Rapu Nui, and various other frequencies.

IDC 12 15:19.49 1.1, 14.01N:121.29E, h0km, mb3.5/7, mbmp3.5/7, Error ellipse: s-maj=26.1km s-min=8.0km az=18.0

ISC 12 15:50.5 1.2, 14.0N:02.121E:0.2, h10km, n8, o65f5, mb3.5/7, Mindoro

Table with columns: Code, Station Name, Frequency, Band, Mode, and other parameters. Includes stations like TGy Tagaytay City, CMAR Chirang Mai Arr, and various other frequencies.

IDC 12 15:23:02 7.0, 6.38S:94S:91.76W, h0km, mb4.1/13, mbmp4.1/14, ML3.5/1, MS4.7/34, Error ellipse: s-maj=22.3km s-min=16.4km az=99.0

NEIC 12 15:23:07.4 1.9, 39.1S:1.0:1.91:8W:0.1, h10km, 1km, mb4.7/42, Error ellipse: s-maj=20.0km s-min=17.9km az=235.0

GCMT 12 15:23:08.0 4.1, 39.01S:0.1:01:92:17W:0.01, h12km, MW5.3/145, Moment Tensor Solution, s92, C143, s145, c275; Duration: 1s1 Moment tensor: Scale 1017 Nm; Mn=0.06; M2=0.12; M3=0.06; 02; M=0.05; 04; M=1.26; 01; M=7.02; 04; Best double couple: Mb1.28000x1017 NPa; s88.00000; s81.00000; 1.78; 0.00000; NP2=1.78.00000; s89.00000; 1.9.00000

Principal axes: T 1.3140, Plg7.0000; Azm43.0000; N -0.0680, Plg81.0000; Azm186.0000; P -1.2450, Plg5.0000; Azm313.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 12 15:23:05.6 0.5, 39.12S:0.08:91.81W:0.07, h10km, n108, e2111/63, mb4.6/26, MS4.7/34, 3C-ID, West Chile Rise

Table with columns: Code, Station Name, Frequency, Band, Mode, and other parameters. Includes stations like H03S2 Juan Fernandez, H03S1 Juan Fernandez, and various other frequencies.

IDC 12 15:23:02 7.0, 6.38S:94S:91.76W, h0km, mb4.1/13, mbmp4.1/14, ML3.5/1, MS4.7/34, Error ellipse: s-maj=22.3km s-min=16.4km az=99.0

NEIC 12 15:23:07.4 1.9, 39.1S:1.0:1.91:8W:0.1, h10km, 1km, mb4.7/42, Error ellipse: s-maj=20.0km s-min=17.9km az=235.0

GCMT 12 15:23:08.0 4.1, 39.01S:0.1:01:92:17W:0.01, h12km, MW5.3/145, Moment Tensor Solution, s92, C143, s145, c275; Duration: 1s1 Moment tensor: Scale 1017 Nm; Mn=0.06; M2=0.12; M3=0.06; 02; M=0.05; 04; M=1.26; 01; M=7.02; 04; Best double couple: Mb1.28000x1017 NPa; s88.00000; s81.00000; 1.78; 0.00000; NP2=1.78.00000; s89.00000; 1.9.00000

Principal axes: T 1.3140, Plg7.0000; Azm43.0000; N -0.0680, Plg81.0000; Azm186.0000; P -1.2450, Plg5.0000; Azm313.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 12 15:23:05.6 0.5, 39.12S:0.08:91.81W:0.07, h10km, n108, e2111/63, mb4.6/26, MS4.7/34, 3C-ID, West Chile Rise

Table with columns: Code, Station Name, Frequency, Band, Mode, and other parameters. Includes stations like H03S2 Juan Fernandez, H03S1 Juan Fernandez, and various other frequencies.

PPLA	Purkeypile	19.07	44	P	Pn	16 26 39.2	-0.2
H20K	Anotleneaga Mo	19.16	35	P	Pn	16 26 39.3	-0.9
SUA	Susitna One	19.28	49	P	Pn	16 26 40.6	-1.1
CHUM	Lake Minchumini	19.39	41	P	Pn	16 26 42.6	-0.3
E19K	Redstone River	19.54	29	P	Pn	16 26 43.3	-1.3
O22K	Cooper Landing	19.54	52	P	P	16 26 42.9	+1.0
SEW	Seward	19.61	53	P	P	16 26 42.6	-0.1
M22K	Willow	19.64	48	P	P	16 26 43.6	+0.6
FC01	Rabbit Creek A	19.66	50	P	P	16 26 44.1	+0.8
R20K	Avarart Lake	19.75	31	P	Pn	16 26 45.5	-1.5
CUT	Chulitna	19.75	46	P	P	16 26 44.8	+0.6
KTH	Kantishna Hill	19.84	43	P	P	16 26 46.4	+1.1
H21K	Melozitna Rive	19.99	36	P	Pn	16 26 48.2	-1.7
BPAW	Bear Paw Mtn.	20.02	41	P	Pn	16 26 48.5	-1.7
C19K	Lookout Ridge	20.04	23	P	Pn	16 26 48.8	-1.7
PMR	Palmer	20.06	49	P	P	16 26 48.4	+0.9
PMR	Palmer	20.06	49	P	P	16 26 48.9	-1.8
I21K	Tanana	20.07	38	P	Pn	16 26 49.2	-1.7
TRF	Thorofore Moun	20.07	43	P	P	16 26 48.7	+0.9
G21K	Allakaket	20.18	34	P	P	16 26 50.1	+1.4
PWL	Port Wells	20.28	51	P	P	16 26 49.7	-0.3
KNK	Knik Glacier	20.33	50	P	P	16 26 51.4	+0.9
SML	Sawmill	20.48	49	P	P	16 26 52.3	+0.3
F21K	Alatina River	20.57	32	P	P	16 26 54.0	+1.1
P23K	Montague Islan	20.61	54	P	P	16 26 53.0	0.0
H22K	Ishitalina Cre	20.62	36	P	P	16 26 55.0	+1.5
WAT1	Susitna Watana	20.63	46	P	P	16 26 54.1	+0.4
MCK	McKinley	20.74	43	P	P	16 26 55.4	+0.6
M23K	Glacier View	20.76	49	P	P	16 26 55.6	+0.6
GLI	Glacier Island	20.89	52	P	P	16 26 56.4	0.0
WAT6	Susitna Watana	20.93	47	P	P	16 26 57.4	+0.3
SCM	Sheep Creek Mo	20.95	49	P	P	16 26 57.5	+0.4
NEA2	Nemana	20.98	41	P	P	16 26 58.4	+1.1
I23K	Minto, Yukon-K	21.07	39	P	P	16 26 59.5	+1.2
G22K	Bettles	21.07	34	P	P	16 26 58.6	+0.4
E21K	Kilik River	21.12	29	P	P	16 26 59.7	+0.9
DHY	Denali Highway	21.22	45	P	P	16 26 59.9	-0.2
C21K	Knifeflade Rid	21.33	27	P	P	16 27 01.6	+0.6
G23K	Bananza Creek	21.48	35	P	P	16 27 03.2	+0.5
EYAK	Cordova Ski Ar	21.49	53	P	P	16 27 02.8	-0.1
EYAK	Cordova Ski Ar	21.49	53	P	P	16 27 02.4	-0.5
M24K	Tolsona, Glenn	21.54	48	P	P	16 27 04.0	+0.6
KLU	Klutina	21.55	50	P	P	16 27 03.8	+0.2
COLA	Colleg	21.56	41	P	P	16 27 03.7	+0.2
COLA	Colleg	21.56	41	P	P	16 27 03.9	+0.3
COLA	Colleg	21.56	41	P	P	16 27 04.1	+0.6
COLA	Colleg	21.56	41	P	P	16 27 04.2	+0.6
COLA	Anaktuvuk Pass	21.60	31	P	P	16 27 05.0	+1.0
E22K	Coldfoot	21.66	34	P	P	16 27 05.0	+0.4
B21K	Ikpikpuk River	21.67	26	P	P	16 27 05.1	+0.4
D22K	Aiyikav River	21.76	29	P	P	16 27 06.2	+0.6
HDA	Harding Lake	21.78	42	P	P	16 27 05.9	0.0
POKR	Poker Plat Res	21.81	40	P	P	16 27 06.8	+0.5
H24K	Noodor Dome	21.90	38	P	P	16 27 07.1	-0.1
H24K	Noodor Dome	21.90	38	P	P	16 27 07.8	+0.6
IL31	comp=Z,76m,1.2s	21.92	41	I	Amb	16 27 09.3	
ILAR	Eielson Array	21.92	41	P	P	16 27 05.8	-1.6
ILAR	comp=Z,15nm,0.5s,baz=244,slow=9,SNR=181	21.92	41	P	P	16 30 59.2	-1.1
ILAR	comp=Z,0.7nm,0.6s,baz=293,slow=4.0,SNR=4.1	21.92	41	P	P	16 34 22.4	-1.8
ILAR	comp=Z,2.9nm,0.7s,baz=286,slow=3.4,SNR=22	21.92	41	P	P	16 27 05.4	-1.9
PAX	Paxson	22.02	46	P	P	16 27 08.6	0.0
HARP	HAARP	22.06	48	P	P	16 27 09.2	+0.3
KAIM	Kayak Island	22.10	55	P	P	16 27 08.7	-0.5
K24K	Donnelly Dome	22.10	44	P	P	16 27 08.7	-0.6
BMRM	Bremner River	22.10	52	I	Amb	16 27 19.1	
BMRM	Bremner River	22.10	52	P	P	16 27 09.0	-0.3
N25K	Chitina, Valde	22.19	50	P	P	16 27 10.4	+0.2
E23K	Chandalar	22.27	32	P	P	16 27 11.7	+0.9
A21K	Barrow	22.35	21	P	P	16 27 11.7	+0.2
G24K	Hadweenzic Riv	22.39	36	P	P	16 27 12.9	+0.9
D23K	Nanushuk River	22.40	29	P	P	16 27 12.8	+0.7
B22K	Teshepkuk Lake	22.45	25	P	P	16 27 12.5	0.0
RIDG	Independent Ri	22.49	44	P	P	16 27 12.9	-0.1
J25K	Salcha River,	22.49	42	P	P	16 27 12.2	-0.9
A22K	Sinclair Lake	22.50	23	P	P	16 27 13.3	+0.3
GLB	Gilahina Butte	22.54	51	I	Amb	16 27 15.6	
TOLK	Toolik Lake Re	22.57	31	P	P	16 27 14.5	+0.7
F24K	Squaw Lake	22.59	34	P	P	16 27 15.6	+1.6
E24K	Your Creek	22.64	32	P	P	16 27 15.4	+0.9
BGLC	Bering Glacier	22.68	54	P	P	16 27 15.2	+0.5
VRDI	Verde Repeater	22.69	51	I	Amb	16 27 17.1	
MENT	Mentasta	22.81	47	P	P	16 27 17.2	+1.1
CRQE	Cirque	22.82	53	P	P	16 27 16.5	+0.3
MCARA	McCarthy VSAT	22.91	51	I	Amb	16 27 20.0	
MCARA	McCarthy VSAT	22.91	51	P	P	16 27 17.0	0.0
C23K	Iklikik River	22.91	28	P	P	16 27 17.5	+0.5

SCRK	Sand Creek	22.91	44	I	Amb	16 27 17.6	
SCRK	Sand Creek	22.91	44	P	P	16 27 16.5	-0.6
L26K	Log Cabin Wild	23.00	47	P	P	16 27 18.6	+0.8
M26K	Nabesna, AK	23.05	48	P	P	16 27 18.9	+0.5
D24K	Happy Valley	23.07	30	P	P	16 27 19.4	+1.0
J26L	Joseph Creek	23.22	43	P	P	16 27 20.3	+0.3
MESA	MESA	23.35	54	P	P	16 27 21.6	+0.3
YSS	Yuzhno-Sakhali	23.36	271	P	P	16 27 21.5	+0.3
YSS	Yuzhno-Sakhali	23.36	271	eP	S	16 27 22.2	+1.0
YSS	comp=Z,200nm,6.5s			pmax	pmax	16 31 24.5	+1.3
YSS	comp=Z,20nm,1.0s			pmax	pmax		
YSS	comp=E,300nm,18.0s			MLR	MLR		
YSS	comp=Z,500nm,18.0s			MLR	MLR		
C24K	Franklin Bluff	23.40	29	P	P	16 27 22.3	+0.9
F25K	Christian River	23.41	35	P	P	16 27 22.8	+1.3
M27K	Edge Creek, AK	23.56	49	P	P	16 27 24.2	+1.0
E25K	Arctic Village	23.65	34	P	P	16 27 25.1	+1.4
L27K	Beaver Creek,	23.69	47	P	P	16 27 24.9	+0.8
CTG	Chitna Glacier	23.69	52	P	P	16 27 24.7	+0.5
BCAR	Beaver Creek A	23.71	47	P	P	16 27 24.9	+0.5
BMAR	Burnt Mountain	23.72	36	P	P	16 27 25.6	+1.2
G26K	Porcupine Rive	23.84	37	P	P	16 27 26.6	+1.2
F26K	Sheenik River	23.98	35	P	P	16 27 28.1	+1.4
BVCY	Beaver Creek	24.04	49	P	P	16 27 27.9	+0.5
YUK3	Moose Creek	24.17	50	P	P	16 27 29.1	+0.4
PINM	Pinnacle	24.19	54	P	P	16 27 29.0	+0.2
O28M	Mount Upton	24.24	53	P	P	16 27 29.4	-0.1
I27K	Kandik River	24.29	41	I	Amb	16 27 29.2	
I27K	Kandik River	24.29	41	P	P	16 27 29.5	-0.1
YUK8	Steele Glacier	24.47	51	P	P	16 27 31.9	+0.4
H27K	Steamboat Moun	24.48	39	P	P	16 27 30.4	-0.9
G27K	Doyon Strip	24.60	38	P	P	16 27 33.2	+0.9
C26K	Camden Bay	24.65	30	P	P	16 27 34.5	+1.8
C27K	Jago River	24.89	31	P	P	16 27 35.9	+0.9
DAWY	Dawson	24.92	45	P	P	16 27 36.3	+1.0
I28M	Miner Creek	24.93	42	P	P	16 27 35.7	+0.2
YUK4	Talbot Arm	25.01	51	P	P	16 27 37.1	+0.7
O29M	Mount Kennedy	25.03	54	P	P	16 27 36.6	+0.1
E27K	Coleen River	25.05	35	P	P	16 27 38.0	+1.6
YUK6	Outpost Mounta	25.14	52	P	P	16 27 37.9	+0.4
M29M	Some Creek	25.16	49	P	P	16 27 38.0	+0.5
L29M	L29M	25.36	47	P	P	16 27 40.1	+0.8
J29N	Klondike Camp	25.48	44	P	P	16 27 41.3	+0.9
F28M	Old Crow	25.49	37	I	Amb	16 27 44.1	
F28M	Old Crow	25.49	37	P	P	16 27 41.8	+1.4
HYT	Haines Junctio	25.56	53	P	P	16 27 41.6	+0.4
I29M	Oglivie Camp,	25.59	42	P	P	16 27 41.3	0.0
ERM	Ermo	25.63	261	P	P	16 27 43.6	+1.8
D27M	Malcolm River	25.64	33	P	P	16 27 43.3	+1.5
K29M	Barlow Dome	25.71	46	P	P	16 27 43.3	+0.8
H29M	Whitestone	25.73	40	P	P	16 27 42.7	+0.2
N30M	Aishikik Lake	25.76	51	P	P	16 27 43.1	+0.2
P30M	Mikillon Dollar	25.84	54	P	P	16 27 44.1	+0.4
E28M	Babbage River	25.91	34	P	P	16 27 45.4	+1.3
M30M	Minto, Yukon	25.94	49	I	Amb	16 27 51.3	
M30M	Minto, Yukon	25.94	49	P	P	16 27 44.9	+0.4
G29M	Pine Creek	26.01	39	P	P	16 27 46.1	+1.0
O30N	Mendenhall	26.25	53	I	Amb	16 28 13.9	
O30N	Mendenhall	26.25	53	P	P	16 27 48.1	+0.7
J30M	Hart River	26.30	44	P	P	16 27 48.6	+0.7
I30M	Mount Dempster	26.37	43	P	P	16 27 48.6	+0.2
N31M	Braeburn, Yuko	26.39	51	P	P	16 27 49.3	+0.7
S31K	Pelican	26.39	59	P	P	16 27 48.8	+0.3
MAYO	Mt. Yukon	26.41	46	P	P	16 27 49.6	+0.9
EPYK	Eagle Plains	26.41	40	P			

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like VVDA, SOEI, MBWA, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like IDC, RABL, PMG, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like EDFI, FORT, LBFI, etc.

CNPM	comp=N,440nm,0.5s	IAML	17 51 09.7		
CNPM	comp=E,497nm,0.5s	IAML	17 51 13.3		
IVE	1.60 229	Pn	17 50 46.0 +0.1		
ILSW	1.67 229	Pn	17 50 47.3 +0.4		
ILSW	comp=N,326nm,1.0s	IAML	17 51 10.4		
ILSW	comp=E,375nm,0.8s	IAML	17 51 11.8		
GLI	1.73 96	Pn	17 50 46.4 -1.2		
GLI	comp=E,447nm,0.5s	IAML	17 51 15.1		
GLI	comp=N,405nm,0.5s	IAML	17 51 19.1		
SCM	1.75 63	Pn	17 50 47.4 -0.4		
SCM	comp=E,440nm,0.6s	IAML	17 51 10.7		
SCM	comp=N,398nm,0.7s	IAML	17 51 16.6		
N19K	1.91 263	Pn	17 50 49.9 -0.1		
N19K	comp=N,285nm,1.0s	IAML	17 51 13.8		
P23K	1.93 123	Pn	17 50 49.3 -1.0		
P23K	comp=N,305nm,0.6s	IAML	17 51 25.4		
P23K	comp=E,269nm,0.9s	IAML	17 51 27.9		
WAT7	1.94 25	Pn	17 50 50.0 -0.5		
P19K	1.94 223	Pn	17 50 51.4 +0.9		
PPLA	1.95 338	Pn	17 50 50.9 +0.2		
PPLA	comp=E,348nm,0.4s	IAML	17 51 16.8		
O19K	2.03 245	Pn	17 50 51.5 -0.1		
HIN	2.14 107	Pn	17 50 52.0 -1.1		
HIN	comp=N,240nm,0.8s	IAML	17 51 29.4		
HIN	comp=E,208nm,0.7s	IAML	17 51 33.1		
AUJK	2.23 220	Pn	17 50 54.8 +0.4		
KLU	2.20 78	Pn	17 50 54.7 -0.7		
KLU	comp=E,228nm,0.4s	IAML	17 51 32.6		
KLU	comp=N,233nm,0.5s	IAML	17 51 33.8		
DIV	2.35 87	IAML	17 51 24.6		
M24K	2.35 63	IAML	17 51 34.3		
M24K	comp=N,290nm,0.8s	IAML	17 51 34.3		
TRF	2.37 4	Pn	17 50 57.7 +1.3		
TRF	comp=E,140nm,0.5s	IAML	17 51 30.7		
TRF	comp=N,182nm,1.0s	IAML	17 51 41.0		
EYAK	2.45 101	Pn	17 50 55.8 -1.4		
RND	2.46 19	Pn	17 50 57.1 -0.4		
KTH	2.47 357	Pn	17 50 59.1 +1.4		
KTH	comp=E,259nm,0.8s	IAML	17 51 29.6		
KTH	comp=N,265nm,0.9s	IAML	17 51 32.5		
M18K	2.54 281	Pn	17 50 58.4 -0.2		
O18K	2.59 243	Pn	17 50 59.2 -0.1		
O18K	comp=E,121nm,0.5s	IAML	17 51 29.1		
O18K	comp=N,178nm,0.5s	IAML	17 51 30.1		
N18K	2.61 263	Pn	17 50 59.1 -0.4		
N18K	comp=E,142nm,0.6s	IAML	17 51 29.9		
SYI	2.65 200	Pn	17 51 00.4 +0.4		
O19K	2.65 216	Pn	17 51 00.7 +0.6		
MCK	2.76 16	Pn	17 51 01.7 +0.1		
K20K	2.79 326	Pn	17 51 01.8 -0.1		
K20K	2.79 326	Pn	17 51 01.8 -0.1		
P18K	2.86 235	Pn	17 51 03.0 +0.1		
BMRM	2.93 90	IAML	17 51 03.9		
BMRM	comp=N,140nm,0.6s	IAML	17 51 56.1		
N25K	2.95 77	IAML	17 51 52.9		
RAGM	3.00 101	Pn	17 51 03.3 -1.7		
BPAW	3.02 357	Pn	17 51 05.5 +0.4		
BPAW	comp=E,87nm,0.6s	IAML	17 51 43.7		
PAX	3.07 50	Pn	17 51 06.4 +0.6		
PAX	comp=N,110nm,0.7s	IAML	17 51 51.4		
L18K	3.11 294	Pn	17 51 06.3 0.0		
L18K	3.11 294	Pn	17 51 06.3 0.0		
N17K	3.27 263	Pn	17 51 08.2 -0.3		
N17K	3.27 263	Pn	17 51 08.2 -0.3		
KAHG	3.28 219	Pn	17 51 09.1 +0.4		
GLB	3.31 81	Pn	17 51 08.4 -0.7		
GLB	comp=N,80nm,0.4s	IAML	17 51 58.8		
GLB	comp=E,65nm,0.8s	IAML	17 52 05.4		
M17K	3.31 278	Pn	17 51 08.8 -0.2		
KAWH	3.44 220	Pn	17 51 11.3 +0.3		
KDAK	3.47 198	Pn	17 51 10.0 -1.2		
KDAK	comp=E,1.6nm,0.3s,baz=33,slow=5.4,SNR=59	Pn	17 51 47.6 -3.4		
KDAK	comp=E,5.0nm,0.3s,baz=206,slow=5.4,SNR=5.5	Pn	17 52 04.1		
KDAK	comp=E,4.7nm,0.3s,baz=136,slow=27,SNR=3.6	Pn	17 52 04.1		
KDAK	comp=E,60nm,1.4s	IAML	17 51 54.5		
KDAK	comp=N,21nm,4.0s	IAML	17 52 05.0		
O17K	3.47 250	Pn	17 51 11.3 0.0		
VRDI	3.48 85	IAML	17 52 05.3		
VRDI	comp=N,57nm,0.8s	IAML	17 52 05.3		
P17K	3.48 239	Pn	17 51 11.9 +0.6		
J20K	3.50 334	IAML	17 51 14.2 -0.2		
J20K	3.50 334	IAML	17 51 14.2 -0.2		
J20K	comp=N,117nm,0.6s	IAML	17 51 51.1		
J20K	comp=E,98nm,0.7s	IAML	17 52 08.4		
WRH	3.58 18	Pn	17 51 13.6 +0.9		
KAKM	3.60 221	Pn	17 51 13.4 +0.3		
CRQN	3.67 92	Pn	17 51 12.9 -1.2		
KHIT	3.67 97	Pn	17 51 12.5 -1.7		
MCARA	3.68 82	Pn	17 51 14.0 -0.2		
KABU	3.69 222	Pn	17 51 14.8 +0.5		
J18K	3.71 313	Pn	17 51 14.2 -0.4		
J19K	3.72 324	Pn	17 51 14.5 -0.1		
MENT	3.74 57	Pn	17 51 14.8 -0.2		
ACHA	3.75 222	Pn	17 51 15.6 +0.5		
CCB	3.79 19	Pn	17 51 15.3 -0.3		
L17K	3.81 289	Pn	17 51 16.1 -0.1		
ANCK	3.81 223	Pn	17 51 16.6 +0.5		
TGL	3.82 92	IAML	17 51 14.8 -1.3		
TGL	comp=N,80nm,0.7s	IAML	17 52 20.0		
TGL	comp=E,88nm,0.8s	IAML	17 52 23.6		
M26K	3.85 67	Pn	17 51 16.5 -0.1		
M26K	3.85 67	IAML	17 52 25.4		
WAX	3.87 96	IAML	17 52 28.3		
WAX	comp=N,93nm,0.7s	IAML	17 52 28.3		
WAX	comp=E,80nm,0.7s	IAML	17 52 28.3		
CNTC	3.90 226	Pn	17 51 17.6 +0.5		
L26K	3.93 57	IAML	17 51 17.6 +0.1		
L26K	3.93 57	IAML	17 52 23.6		
L26K	comp=N,60nm,0.4s	IAML	17 52 29.6		
SNH	3.94 100	Pn	17 51 15.8 -2.0		
SNH	3.94 100	IAML	17 52 21.5		
SNH	comp=E,67nm,2.6s	IAML	17 52 51.5		
KJL	3.95 222	Pn	17 51 18.8 +0.9		
K17K	3.98 297	IAML	17 51 18.8 -0.1		
K17K	3.98 297	IAML	17 52 27.1		
K17K	comp=E,49nm,1.3s	IAML	17 52 38.1		
K17K	comp=N,40nm,0.9s	IAML	17 52 38.1		
COLA	4.00 17	Pn	17 51 18.5 0.0		

COLA	College	4.00 17	IAML	17 52 33.9		
O16K	Kokwok River B	4.01 251	Pn	17 51 18.2 -0.3		
O16K	Kokwok River B	4.01 251	IAML	17 52 24.2		
O16K	comp=N,51nm,1.9s	IAML	17 52 31.4			
M16K	comp=E,52nm,1.2s	IAML	17 53 05.9			
M16K	Timber Creek	4.05 273	IAML	17 53 05.9		
M16K	comp=E,47nm,3.1s	IAML	17 53 23.3			
IL31	4.07 23	Pn	17 51 19.9 +0.6			
ILAR	Eielson Array	4.07 23	Pn	17 51 18.8 -0.6		
ILAR	comp=N,2.7nm,0.3s,baz=200,slow=14,SNR=132	Pn	17 52 05.8 +0.2			
ILAR	comp=N,2.5nm,0.3s,baz=215,slow=16,SNR=6.4	Pn	17 52 25.6			
ILAR	comp=N,2.8nm,0.3s,baz=206,slow=29,SNR=9.0	Pn	17 51 19.4 0.0			
ILAR	Eielson Array	4.07 23	Pn	17 51 19.5 -0.4		
I23K	Minto, Yukon-K	4.11 7	Pn	17 52 36.7		
I23K	Minto, Yukon-K	4.11 7	IAML	17 51 18.6 -1.5		
OHAH	Old Harbor	4.12 201	Pn	17 51 20.9 +0.4		
I21K	Tanana	4.15 352	IAML	17 52 42.0		
I21K	comp=N,36nm,1.4s	IAML	17 51 20.3 -1.2			
BAGL	Bagley Icefield	4.22 95	Pn	17 51 23.0 +0.7		
J25K	Salcha River	4.27 32	IAML	17 52 21.4		
J25K	Salcha River	4.27 32	IAML	17 52 21.4		
POKR	Poker Plat Res	4.29 18	Pn	17 51 23.0 +0.5		
L16K	Ohwah River	4.30 282	IAML	17 52 42.2		
L16K	comp=E,38nm,2.6s	IAML	17 53 13.2			
L16K	comp=N,31nm,3.1s	IAML	17 51 22.2 -1.2			
GRNC	Granite Creek	4.34 91	IAML	17 52 34.6		
GRNC	Granite Creek	4.34 91	IAML	17 52 34.6		
BARN	comp=N,36nm,0.8s	IAML	17 51 22.8 -0.7			
BARN	Barnard Glacie	4.35 87	Pn	17 52 35.8		
BARN	Barnard Glacie	4.35 87	IAML	17 52 36.0		
BARN	comp=N,39nm,0.8s	IAML	17 51 21.7 -2.0			
MESA	MESA	4.37 98	Pn	17 52 01.1		
MESA	MESA	4.37 98	IAML	17 52 01.1		
MESA	comp=N,56nm,2.1s	IAML	17 52 46.1			
CTGM	comp=N,58nm,3.2s	IAML	17 51 25.2 -0.5			
CTGM	Chitina Glacie	4.52 88	IAML	17 52 36.4		
CTGM	Chitina Glacie	4.52 88	IAML	17 52 36.4		
J17K	VABM Dome	4.56 304	IAML	17 52 48.7		
J17K	comp=N,32nm,1.5s	IAML	17 52 49.4			
BCAR	Beaver Creek A	4.60 61	Pn	17 51 26.4 -0.4		
GCSA	Galena City Sc	4.65 325	Pn	17 51 27.1 -0.2		
H21K	Melozitna Rive	4.69 349	IAML	17 51 27.9 +0.1		
H21K	Melozitna Rive	4.69 349	IAML	17 52 47.1		
TABL	Table Mountain	4.69 94	Pn	17 51 27.0 -1.1		
TABL	Table Mountain	4.69 94	IAML	17 53 02.9		
TABL	comp=N,33nm,4.3s	IAML	17 53 45.3			
LOGN	Logan Glacier	4.70 89	Pn	17 51 27.4 -0.8		
LOGN	Logan Glacier	4.70 89	IAML	17 52 58.5		
LOGN	comp=N,28nm,4.0s	IAML	17 53 53.7			
J26L	Joseph Creek	4.71 40	Pn	17 51 28.3 0.0		
J26L	Joseph Creek	4.71 40	IAML	17 52 33.7		
J26L	comp=N,27nm,0.6s	IAML	17 52 38.3			
YUK2	White River	4.75 77	Pn	17 51 28.4 -0.4		
N15K	Kwethluk River	4.76 263	Pn	17 51 28.9 +0.1		
H20K	Anotleneega Mo	4.81 338	Pn	17 51 28.9 +0.2		
BVCY	Beaver Creek	4.82 70	Pn	17 51 29.9 +0.1		
H24K	Noodor Dome	4.92 13	IAML	17 52 49.1		
H24K	comp=N,19nm,4.2s	IAML	17 53 11.0			
YUK3	comp=E,20nm,1.9s	IAML	17 51 30.9 -0.5			
K27K	Chicken	4.93 50	Pn	17 51 31.1 -0.1		
M15K	Kasigluk River	4.93 270	Pn	17 51 30.8 -0.4		
O15K	Ungalikthiuk R	4.99 251	Pn	17 51 32.2 +0.3		
O15K	Ungalikthiuk R	4.99 251	IAML	17 54 15.8		
O28M	Mount Upton	5.10 89	Pn	17 51 33.5 -0.3		
O28M	Mount Upton	5.10 89	IAML	17 52 31.6		
J16K	Anvik River	5.17 300	IAML	17 53 06.2		
J16K	comp=N,22nm,4.4s	IAML	17 53 31.6			
H19K	comp=E,24nm,3.5s	IAML	17 52 31.8			
H19K	Roundabout Mou	5.17 332	IAML	17 53 08.9		
H19K	comp=N,22nm,2.3s	IAML	17 53 08.9			
PCA	Pinnacle	5.21 97	Pn	17 51 33.5 -1.6		
L15K	Ungalik Mouna	5.26 281	IAML	17 51 35.2 -0.5		
K15K	Wolf Creek Moun	5.33 288	IAML	17 52 35.4		
K15K	comp=N,24nm,3.4s	IAML	17 53 18.1			
H18K	comp=N,29nm,3.9s	IAML	17 51 37.2 -0.1			
H18K	Honhosa River	5.38 323	IAML	17 53 08.2		
H18K	Honhosa River	5.38 323	IAML	17 53 14.9		
H18K	comp=N,21nm,4.0s	IAML	17 53 14.9			
I17K	Unalakleet	5.45 305	Pn	17 51 38.8 +0.6		
M14K	Bethel	5.54 271	Pn	17 51 39.7 +0.2		
N14K	Kuskokwak Cree	5.59 263	Pn	17 51 40.5 +0.3		
O14K	Tiguykaiuvit M	5.62 256	Pn	17 51 41.0 +0.3		
H17K	Granite Mouna	5.72 316	Pn	17 51 42.1 +0.1		
L14K	Kuka Creek	5.83 278	Pn	17 51 43.9 +0.4		
M29M	Somme Creek	5.93 72	Pn	17 51 45.0 +0		

Table with station names, codes, and times for various locations like Tagaytay City, CMAR, SONM, and ASAR.

SOF 12 18:04:32.1, 40.89N:01:23:50E:0.01, h2km, 10km, MD2.7/6

Table with station names, codes, and times for locations like MMB, VAY, KKB, RZN, PLD, PLNA, KDZ, PGB, VTS, DIM, and MPEP.

NEIC 12 18:08:27.4:1.1, 17.98N:02:06:66.815W:0.009, h1(Km), ML2.8/32, MD3.2/7(RSPR), Error ellipse: s-maj=4.0km s-min=2.3km az=176.0

Large table listing station names, codes, and times for various locations including Guanica, Maguies, and Esperanza.

ISC 12 18:08:56.4:1.2, 13.9N:02:121.2E:0.3, h10km, n8, 0558/8, mb3.57, Mindoro

Table with station names, codes, and times for locations like TGy, CMAR, and HUMP.

Table with station names, codes, and times for locations like WRA, ASAR, MKAR, ZALV, and KURBB.

ISC 12 18:09:48.7:1.6, 13.85N:121.18E, h0km, mb3.3/4, mbtmp3.4/4, MS3.0/1, Error ellipse: s-maj=62.7km s-min=25.5km az=57.0, Mindoro

Table with station names, codes, and times for locations like SIJI, CMAR, WRA, and SONM.

ISC 12 18:12:30.2:1.9, 13.81N:121.08E, h0km, mb3.1/3, mbtmp3.2/3, Error ellipse: s-maj=61.6km s-min=16.0km

Table with station names, codes, and times for locations like TGy, CMAR, SONM, and ASAR.

ISC 12 18:18:48.7:1.4, 13.94N:121.26E, h0km, mb3.3/4, mbtmp3.3/4, Error ellipse: s-maj=40.9km s-min=10.1km

Table with station names, codes, and times for locations like TGy, CMAR, SONM, ASAR, and KURBB.

ISC 12 18:19:46.9:1.5, 13.86N:121.17E, h0km, mb3.2/4, mbtmp3.2/4, Error ellipse: s-maj=60.1km s-min=8.8km

Table with station names, codes, and times for locations like TGy, CMAR, WRA, SONM, and ASAR.

ISC 12 18:20:56.3:1.0, 13.89N:121.24E, h0km, mb3.7/8, mbtmp3.7/8, MS3.4/6, Error ellipse: s-maj=34.6km s-min=8.3km az=40.0

Table with station names, codes, and times for locations like TGy, TGY, SJI, KAPI, CMAR, GUMO, and SONM.

ISC 12 18:20:57.8:1.2, 13.9N:02:121.1E:0.3, h10km, n15, 0561/9, mb3.8/8, MS4.0/3, Mindoro

Table with station names, codes, and times for locations like TGy, TGY, SJI, KAPI, CMAR, GUMO, and SONM.

ISC 12 18:23:31.4:1.6, 13.99N:121.25E, h0km, mb3.3/4, mbtmp3.4/4, MS3.0/1, Error ellipse: s-maj=42.2km s-min=14.0km az=33.0, Mindoro

Table with station names, codes, and times for locations like TGy, CMAR, and HUMP.

Table with station names, codes, and times for locations like JHJ, SONM, WRA, and ASAR.

RSPR 12 18:30:36.3, 17.99N:66.81W, h16km, MD2.8/9, NEIC 12 18:30:36.9:1.3, 18.03N:02:66.789W:0.007, h1(Km), ML2.7/30, MD2.8/9(RSPR), 4C-8D, Error ellipse: s-maj=2.6km s-min=2.5km az=170.0, Puerto Rico

Large table listing station names, codes, and times for various locations including Guanica, Maguies, and Esperanza.

ISC 12 18:30:52.1:1.0, 13.91N:121.23E, h0km, mb3.6/7, mbtmp3.7/7, Error ellipse: s-maj=35.1km s-min=8.3km az=34.0

Table with station names, codes, and times for locations like TGy, CMAR, SONM, WRA, ASAR, MKAR, KURBB, and BVAR.

ISC 12 18:32:38.8:1.3, 13.74N:121.05E, h0km, mb3.3/5, mbtmp3.4/5, Error ellipse: s-maj=50.7km s-min=13.2km az=74.0

ISC 12 18:32:39.8:1.3, 13.9N:02:121.2E:0.3, h10km, n6, 0571/6, mb3.4/5, Mindoro

Table with station names, codes, and times for locations like TGy, CMAR, SONM, WRA, ASAR, and MKAR.

IDC 12 18:34:43.3±2.4, 36°95'N, 138°6'E, h0km, mb3.7/1, mbtmp3.5/2, ML3.0/1, Error ellipse: s-maj=15.9km s-min=8.2km az=35.0

JMA 12 18:34:45.4±1.1, 36°9N, 0.3:138°6E:0.3, h3km±1km, MV2:9/20, MID NIIGATA PREF

JMA Felt II J1 at MID NIIGATA PREF

ISC 12 18:34:44.6±1.4, 36°33'N, 138°6'E:0.04, h11km±12km, n11, c071/17, Eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JGK Kuni, JGK Nakama, JN UNUMA, etc.

IDC 12 18:35:18.7±1.7, 13°88'N, 121°23'E, h0km, mb3.3/4, mbtmp3.4/4, Error ellipse: s-maj=51.0km s-min=16.7km az=44.0, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TGY Tagaytay City, CMAR Chiang Mai Arr, SONM Songino Array, etc.

IDC 12 18:35:40.8±1.1, 13°96'N, 121°28'E, h0km, mb3.5/7, mbtmp3.5/7, MS3.3/2, Error ellipse: s-maj=31.2km s-min=13.8km az=35.0

ISC 12 18:35:42.5±1.2, 13°9N, 0.2:121°2E:0.3, h10km, n9, c055/8, mb3.6/7, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TGY Tagaytay City, KAPI Kappang, CMAR Chiang Mai Arr, etc.

IDC 12 18:36:34.8±1.3, 13°85'N, 121°22'E, h0km, mb3.3/6, mbtmp3.3/6, Error ellipse: s-maj=50.8km s-min=13.3km az=50.0

ISC 12 18:36:36.3±1.2, 13°9N, 0.2:121°2E:0.3, h10km, n7, c099/7, mb3.3/6, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TGY Tagaytay City, CMAR Chiang Mai Arr, WRA Warrungarra Arr, etc.

IDC 12 18:39:30.8±1.9, 13°95'N, 121°34'E, h0km, mb3.1/3, mbtmp3.2/3, Error ellipse: s-maj=46.6km s-min=18.0km az=30.0, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TGY Tagaytay City, CMAR Chiang Mai Arr, SONM Songino Array, etc.

IDC 12 18:40:00.2±1.7, 13°95'N, 121°35'E, h0km, mb3.2/4, mbtmp3.2/4, Error ellipse: s-maj=40.3km s-min=18.0km az=28.0, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TGY Tagaytay City, CMAR Chiang Mai Arr, SONM Songino Array, etc.

IDC 12 18:40:30.5±1.1, 13°99'N, 121°38'E, h0km, mb3.5/7, mbtmp3.5/7, Error ellipse: s-maj=26.9km s-min=14.7km az=31.0

ISC 12 18:40:32.1±1.2, 14°0N, 0.2:121°2E:0.2, h10km, n8, c045/8, mb3.6/7, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TGY Tagaytay City, CMAR Chiang Mai Arr, SONM Songino Array, etc.

IDC 12 18:40:55.9±1.2, 13°92'N, 121°26'E, h0km, mb3.5/6, mbtmp3.5/6, Error ellipse: s-maj=38.7km s-min=13.4km az=41.0

ISC 12 18:40:57.5±1.2, 13°9N, 0.2:121°2E:0.3, h10km, n7, c096/7, mb3.5/6, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TGY Tagaytay City, CMAR Chiang Mai Arr, SONM Songino Array, etc.

IDC 12 18:42:03.3±1.1, 14°02'N, 121°23'E, h0km, mb3.6/8, mbtmp3.6/8, Error ellipse: s-maj=25.6km s-min=13.6km az=23.0

ISC 12 18:42:05.0±1.2, 14°0N, 0.2:121°2E:0.2, h10km, n9, c096/9, mb3.7/8, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TGY Tagaytay City, CMAR Chiang Mai Arr, SONM Songino Array, etc.

IDC 12 18:42:38.9±1.7, 13°94'N, 121°24'E, h0km, mb3.3/4, mbtmp3.3/4, Error ellipse: s-maj=49.0km s-min=13.7km az=39.0, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TGY Tagaytay City, CMAR Chiang Mai Arr, SONM Songino Array, etc.

IDC 12 18:43:12.4±1.3, 13°99'N, 121°29'E, h0km, mb3.4/6, mbtmp3.4/6, Error ellipse: s-maj=31.6km s-min=14.3km az=29.0

ISC 12 18:43:13.9±1.2, 14°0N, 0.2:121°2E:0.2, h10km, n7, c076/7, mb3.5/6, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TGY Tagaytay City, CMAR Chiang Mai Arr, SONM Songino Array, etc.

IDC 12 18:44:28.7±1.1, 14°01'N, 121°25'E, h0km, mb3.5/7, mbtmp3.6/7, MS3.8/2, Error ellipse: s-maj=28.1km s-min=13.6km az=28.0

ISC 12 18:44:30.2±1.2, 14°0N, 0.2:121°2E:0.2, h10km, n10, c065/8, mb3.6/7, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TGY Tagaytay City, CMAR Chiang Mai Arr, SONM Songino Array, etc.

0.6nm, 0.6s, baz=339, slow=8.5, SNR=2.3 0.6nm, 0.6s

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

MEX 12 18:46:15.3±0.3, 19°51'N, 92°62'W, h15km, MD4.2 GCG 12 18:46:16.7±0.7, 19°28'N, 92°40'W, h25km, 20km, MD3.8, ML3.8, Presumed earthquake

ISC 12 18:46:10.4±1.0, 19°50'N, 0.05:92°59'W:0.04, h10km, n18, c191/23, Bay of Campeche

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SCIG Sabancuy, VHAS Villahermosa, etc.

MEX 12 18:47:06.0±0.5, 16°34'N, 95°25'W, h102km±7km, MD3.7, Oaxaca

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CMIG Matias Romero, NEUV Arroyo Zacate, etc.

IDC 12 18:48:01.3±0.9, 13°90'N, 121°19'E, h0km, mb3.9/10, mbtmp3.9/10, MS3.5/20, Error ellipse: s-maj=34.8km s-min=11.4km az=48.0

NEIC 12 18:48:04.0±2.2, 14°1N, 0.1:121°0E:0.03, h10km±1km, mb4.3/1, Error ellipse: s-maj=18.3km s-min=4.3km az=19.0

ISC 12 18:48:02.7±0.8, 14°00'N, 0.1:121°2E:0.1, h10km, n43, c1500/27, mb4.1/15, MS3.4/17, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TGY Tagaytay City, DAV Davao City, etc.

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

IDC 12 18:58:20.9 1.6, 13.93N, 121.26E, h0km, mb3.3/4, mbtmp3.4/4, MS3.6/1, Error ellipse: s-maj=57.9km s-min=13.4km az=47.0, Mindoro

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like TGYY Tagaytay City, CMAR Chiang Mai Arr, SONM Songino Array, etc.

IDC 12 18:53:14.5 1.6, 13.93N, 121.17E, h0km, mb3.5/7, mbtmp3.6/7, Error ellipse: s-maj=40.7km s-min=12.3km az=45.0, Mindoro

IDC 12 18:53:15.9 1.2, 14.0N, 121.17E, h0km, mb3.0, n8, 1941/8, mb3.6/7, Mindoro

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like TGYY Tagaytay City, CMAR Chiang Mai Arr, SONM Songino Array, etc.

IDC 12 18:53:42.0 1.6, 14.13N, 121.34E, h0km, mb3.5/5, mbtmp3.6/5, Error ellipse: s-maj=28.0km s-min=17.0km az=57.0, Mindoro

IDC 12 18:53:43.7 1.3, 14.1N, 121.21E, h0km, mb3.0, n6, 1938/6, mb3.5/5, Luzon

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like TGYY Tagaytay City, CMAR Chiang Mai Arr, SONM Songino Array, etc.

IDC 12 18:55:39.4 2.2, 13.82N, 121.17E, h0km, mb3.2/3, mbtmp3.2/3, Error ellipse: s-maj=94.4km s-min=13.3km az=57.0, Mindoro

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like TGYY Tagaytay City, CMAR Chiang Mai Arr, WRA Warrungarra Arr, etc.

IDC 12 18:58:20.9 1.6, 13.93N, 121.26E, h0km, mb3.3/4, mbtmp3.4/4, Error ellipse: s-maj=48.5km s-min=13.9km az=40.0, Mindoro

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like TGYY Tagaytay City, CMAR Chiang Mai Arr, SONM Songino Array, etc.

IDC 12 18:58:57.0 1.1, 13.92N, 121.19E, h0km, mb3.5/7, mbtmp3.5/7, MS3.8/2, Error ellipse: s-maj=40.8km

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like TGYY Tagaytay City, DAV Davao City (W), CMAR Chiang Mai Arr, etc.

CATAC 12 19:03:25.0 4.0, 8.13N, 149.0W, h15km, 5km, MD3/12, MLV3.3/12, Error ellipse: s-maj=9.4km s-min=5.9km az=33.8, confirmed

SNET 12 19:03:26.5 0.7, 13.19N, 89.85W, h32km, ML3.3, Presumed earthquake

GCG 12 19:03:26.9 0.9, 13.24N, 89.87W, h32km, 8km, MD3.5, ML3.5, Presumed earthquake

IDC 12 19:03:26.4 2.6, 13.2N, 101.89E, h29km, 12km, n25, 4064/34, El Salvador

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like LALI Alcaldia de L, CEVE Cerro Verde, FAME Alcaldia de Sa, etc.

IDC 12 19:03:43.2 1.6, 13.86N, 121.21E, h0km, mb3.3/5, mbtmp3.3/5, Error ellipse: s-maj=52.2km s-min=16.4km az=47.0, Mindoro

IDC 12 19:03:44.7 1.3, 13.9N, 121.21E, h0km, mb3.0, n6, 4092/6, mb3.3/5, Mindoro

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like TGYY Tagaytay City, CMAR Chiang Mai Arr, SONM Songino Array, etc.

IDC 12 19:06:23.6 0.6, 6.94S, 155.41E, h0km, mb4.3/16, mbtmp4.3/16, ML3.4/2, MS3.6/12, Error ellipse: s-maj=21.6km s-min=16.0km az=119.0

NEIC 12 19:06:25.6 2.0, 7.03S, 108.155E, h10km, 1km, mb5.0/102, Error ellipse: s-maj=14.7km s-min=14.3km az=69.0

IDC 12 19:06:30.4 0.4, 7.04S, 106.155E, h50km, n140, 1919/100, mb4.9/71, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like RABL Rabaul, PMG Port Moresby, PMG Port Moresby, etc.

Large table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like SJJI Sorong, INKA Innaminika, ASAR Alice Springs, etc.

Table with columns: BVAR, Borovoye Array, 55.86 326 P, 20 35 35.3+1.0, comp=Z,0.6nm,0.5s,baz=111,slow=6.7,SNR=5.5

Table with columns: BORK, Borovoye, 55.91 326 P, 20 35 32.1 -2.6, comp=Z,0.6nm,0.5s

Table with columns: ABKAR, Akbulak array, 60.87 319 P, 20 36 08.0 -1.4, comp=Z,0.6nm,0.9s,baz=312,slow=5.4,SNR=4.8

IDC 12 20:31:34.01.6.13.91N*121.19E,h0km,mb3.5/4, mbtmp3.6/4,Error ellipse: s-maj=50.6km s-min=16.2km az=43.0,Mindoro

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

IDC 12 20:37:04.9.1.2.34.50N*27.24E,h0km,mb3.7/6, mbtmp3.6/12,ML2.5/3,Error ellipse: s-maj=23.3km s-min=17.8km az=0.0

HLW 12 20:37:05.2.34.72N*27.35E,h16km,14km,ML3.5 ISK 12 20:37:10.4.34.64N*27.09E,h87km,ML3.0/18

NIC 12 20:37:12.3.34.64N*27.55E,h87km,8km,ML3.0/14 AFAD 12 20:37:13.0.34.69N*27.29E,h35km,ML2.9

ATH 12 20:37:16.0.34.89N*26.95E,h42km,5km,ML2.6/8, Manual Solution by F.Xalaris First location: 2020/01/12

ISC 12 20:37:09.4.0.7.34.45N*104.27.24E,0.03,h35km,10km, n65,-154/126,mb3.6/5,Eastern Mediterranean Sea

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

IDC 12 20:37:04.9.1.2.34.50N*27.24E,h0km,mb3.7/6, mbtmp3.6/12,ML2.5/3,Error ellipse: s-maj=23.3km s-min=17.8km az=0.0

HLW 12 20:37:05.2.34.72N*27.35E,h16km,14km,ML3.5 ISK 12 20:37:10.4.34.64N*27.09E,h87km,ML3.0/18

NIC 12 20:37:12.3.34.64N*27.55E,h87km,8km,ML3.0/14 AFAD 12 20:37:13.0.34.69N*27.29E,h35km,ML2.9

ATH 12 20:37:16.0.34.89N*26.95E,h42km,5km,ML2.6/8, Manual Solution by F.Xalaris First location: 2020/01/12

ISC 12 20:37:09.4.0.7.34.45N*104.27.24E,0.03,h35km,10km, n65,-154/126,mb3.6/5,Eastern Mediterranean Sea

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

IDC 12 20:37:04.9.1.2.34.50N*27.24E,h0km,mb3.7/6, mbtmp3.6/12,ML2.5/3,Error ellipse: s-maj=23.3km s-min=17.8km az=0.0

HLW 12 20:37:05.2.34.72N*27.35E,h16km,14km,ML3.5 ISK 12 20:37:10.4.34.64N*27.09E,h87km,ML3.0/18

NIC 12 20:37:12.3.34.64N*27.55E,h87km,8km,ML3.0/14 AFAD 12 20:37:13.0.34.69N*27.29E,h35km,ML2.9

ATH 12 20:37:16.0.34.89N*26.95E,h42km,5km,ML2.6/8, Manual Solution by F.Xalaris First location: 2020/01/12

ISC 12 20:37:09.4.0.7.34.45N*104.27.24E,0.03,h35km,10km, n65,-154/126,mb3.6/5,Eastern Mediterranean Sea

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

IDC 12 20:37:04.9.1.2.34.50N*27.24E,h0km,mb3.7/6, mbtmp3.6/12,ML2.5/3,Error ellipse: s-maj=23.3km s-min=17.8km az=0.0

HLW 12 20:37:05.2.34.72N*27.35E,h16km,14km,ML3.5 ISK 12 20:37:10.4.34.64N*27.09E,h87km,ML3.0/18

NIC 12 20:37:12.3.34.64N*27.55E,h87km,8km,ML3.0/14 AFAD 12 20:37:13.0.34.69N*27.29E,h35km,ML2.9

ATH 12 20:37:16.0.34.89N*26.95E,h42km,5km,ML2.6/8, Manual Solution by F.Xalaris First location: 2020/01/12

ISC 12 20:37:09.4.0.7.34.45N*104.27.24E,0.03,h35km,10km, n65,-154/126,mb3.6/5,Eastern Mediterranean Sea

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

IDC 12 20:37:04.9.1.2.34.50N*27.24E,h0km,mb3.7/6, mbtmp3.6/12,ML2.5/3,Error ellipse: s-maj=23.3km s-min=17.8km az=0.0

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

Table with columns: KTHA, Kythira Island, 3.86 299 Ph, 20 38 06.3 +0.1, comp=Z,0.6nm,0.5s,baz=111,slow=6.7,SNR=5.5

Table with columns: ODEM, Odeia-Mizmir, 3.88 10 Ph, 20 38 06.9 +0.4, comp=Z,0.6nm,0.5s

Table with columns: KULA, Kula-Manisa, 4.21 15 Ph, 20 38 11.7 +0.5, comp=Z,0.6nm,0.5s

IDC 12 20:38:31.1.1.8.13.94N*121.33E,h0km,mb3.4/3, mbtmp3.5/3,MS3.0/2,Error ellipse: s-maj=43.8km s-min=17.8km az=31.0,Mindoro

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

IDC 12 20:40:21.0.1.8.13.79N*121.09E,h0km,mb3.5/3, mbtmp3.5/3,Error ellipse: s-maj=56.8km s-min=16.2km az=30.0,Mindoro

MEX 12 20:40:58.0.5.0.16.00N*95.45W,h16km,10km,MD3.7, Presumed earthquake,Oaxaca

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

IDC 12 20:50:54.6.1.7.13.75N*120.93E,h0km,mb3.2/3, mbtmp3.2/3,Error ellipse: s-maj=41.3km s-min=16.0km az=93.0,Mindoro

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

RSPR 12 20:53:37.6.17.92N*66.91W,h13km,MD2.3/9 NEIC 12 20:53:37.6.17.92N*66.91W,h13km,MD2.3/9

NEIC 12 20:53:37.6.17.92N*66.91W,h13km,MD2.3/9 NEIC 12 20:53:37.6.17.92N*66.91W,h13km,MD2.3/9

NEIC 12 20:53:37.6.17.92N*66.91W,h13km,MD2.3/9 NEIC 12 20:53:37.6.17.92N*66.91W,h13km,MD2.3/9

NEIC 12 20:53:37.6.17.92N*66.91W,h13km,MD2.3/9 NEIC 12 20:53:37.6.17.92N*66.91W,h13km,MD2.3/9

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

IDC 12 20:37:45.2.6.3.18.48N*145.99E,h469km,101km, mb2.8/6,mbtmp3.6/7,Error ellipse: s-maj=177.9km s-min=17.7km az=83.0

NEIC 12 20:37:46.9.1.6.18.8N*0.1*145.1E:0.3,h432km,14km, mb3.8/9,Error ellipse: s-maj=41.6km s-min=14.4km

ISC 12 20:37:46.0.9.1.8.54N*0.09.145.2E:0.2,h450km,n20, s1707.22,mb3.7/11,Mariana Islands

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

IDC 12 20:37:45.2.6.3.18.48N*145.99E,h469km,101km, mb2.8/6,mbtmp3.6/7,Error ellipse: s-maj=177.9km s-min=17.7km az=83.0

NEIC 12 20:37:46.9.1.6.18.8N*0.1*145.1E:0.3,h432km,14km, mb3.8/9,Error ellipse: s-maj=41.6km s-min=14.4km

ISC 12 20:37:46.0.9.1.8.54N*0.09.145.2E:0.2,h450km,n20, s1707.22,mb3.7/11,Mariana Islands

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

IDC 12 20:37:45.2.6.3.18.48N*145.99E,h469km,101km, mb2.8/6,mbtmp3.6/7,Error ellipse: s-maj=177.9km s-min=17.7km az=83.0

NEIC 12 20:37:46.9.1.6.18.8N*0.1*145.1E:0.3,h432km,14km, mb3.8/9,Error ellipse: s-maj=41.6km s-min=14.4km

ISC 12 20:37:46.0.9.1.8.54N*0.09.145.2E:0.2,h450km,n20, s1707.22,mb3.7/11,Mariana Islands

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

IDC 12 20:37:45.2.6.3.18.48N*145.99E,h469km,101km, mb2.8/6,mbtmp3.6/7,Error ellipse: s-maj=177.9km s-min=17.7km az=83.0

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

Table with columns: AB31, Akbulak array, 73.11 317 P, 20 48 29.6 +0.4, comp=Z,0.6nm,0.5s

Table with columns: ABKAR, Akbulak array, 73.11 317 P, 20 48 29.4 -0.6, comp=Z,0.6nm,0.5s

IDC 12 20:38:31.1.1.8.13.94N*121.33E,h0km,mb3.4/3, mbtmp3.5/3,MS3.0/2,Error ellipse: s-maj=43.8km s-min=17.8km az=31.0,Mindoro

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

IDC 12 20:40:21.0.1.8.13.79N*121.09E,h0km,mb3.5/3, mbtmp3.5/3,Error ellipse: s-maj=56.8km s-min=16.2km az=30.0,Mindoro

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

MEX 12 20:40:58.0.5.0.16.00N*95.45W,h16km,10km,MD3.7, Presumed earthquake,Oaxaca

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

IDC 12 20:50:54.6.1.7.13.75N*120.93E,h0km,mb3.2/3, mbtmp3.2/3,Error ellipse: s-maj=41.3km s-min=16.0km az=93.0,Mindoro

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

RSPR 12 20:53:37.6.17.92N*66.91W,h13km,MD2.3/9 NEIC 12 20:53:37.6.17.92N*66.91W,h13km,MD2.3/9

NEIC 12 20:53:37.6.17.92N*66.91W,h13km,MD2.3/9 NEIC 12 20:53:37.6.17.92N*66.91W,h13km,MD2.3/9

NEIC 12 20:53:37.6.17.92N*66.91W,h13km,MD2.3/9 NEIC 12 20:53:37.6.17.92N*66.91W,h13km,MD2.3/9

NEIC 12 20:53:37.6.17.92N*66.91W,h13km,MD2.3/9 NEIC 12 20:53:37.6.17.92N*66.91W,h13km,MD2.3/9

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

IDC 12 20:37:45.2.6.3.18.48N*145.99E,h469km,101km, mb2.8/6,mbtmp3.6/7,Error ellipse: s-maj=177.9km s-min=17.7km az=83.0

NEIC 12 20:37:46.9.1.6.18.8N*0.1*145.1E:0.3,h432km,14km, mb3.8/9,Error ellipse: s-maj=41.6km s-min=14.4km

ISC 12 20:37:46.0.9.1.8.54N*0.09.145.2E:0.2,h450km,n20, s1707.22,mb3.7/11,Mariana Islands

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

IDC 12 20:37:45.2.6.3.18.48N*145.99E,h469km,101km, mb2.8/6,mbtmp3.6/7,Error ellipse: s-maj=177.9km s-min=17.7km az=83.0

NEIC 12 20:37:46.9.1.6.18.8N*0.1*145.1E:0.3,h432km,14km, mb3.8/9,Error ellipse: s-maj=41.6km s-min=14.4km

ISC 12 20:37:46.0.9.1.8.54N*0.09.145.2E:0.2,h450km,n20, s1707.22,mb3.7/11,Mariana Islands

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

IDC 12 20:37:45.2.6.3.18.48N*145.99E,h469km,101km, mb2.8/6,mbtmp3.6/7,Error ellipse: s-maj=177.9km s-min=17.7km az=83.0

NEIC 12 20:37:46.9.1.6.18.8N*0.1*145.1E:0.3,h432km,14km, mb3.8/9,Error ellipse: s-maj=41.6km s-min=14.4km

ISC 12 20:37:46.0.9.1.8.54N*0.09.145.2E:0.2,h450km,n20, s1707.22,mb3.7/11,Mariana Islands

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

IDC 12 20:37:45.2.6.3.18.48N*145.99E,h469km,101km, mb2.8/6,mbtmp3.6/7,Error ellipse: s-maj=177.9km s-min=17.7km az=83.0

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

12d 21h

Table with columns: Code, Station Name, Az, El, P, M, Time, Res, ISC. Includes stations like LOVI, SDDR, LONE3, ANWB, etc.

12C 12:21:19:25.9:0.8, 13:89N:121:20E, h0km, mb4.1/13, mbmp4.0/3, ML3.7/1, Error ellipse: s-maj=26.2km s-min=11.6km az=47.0

Table with columns: Code, Station Name, Az, El, P, M, Time, Res, ISC. Includes stations like TGY, DAV, GTOI, etc.

2020 JAN

Main table with columns: SBUM, Sibu, Az, El, P, M, Time, Res, ISC. Includes stations like TINTI, LUWI, SIJI, etc.

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Table with columns: GURO, C19K, B21K, B21K, etc. Includes station names and coordinates.

NOU 12:21:22:46.3, 36:58S:179:03W, h0km, mb4.4/9, East of North Island, N.Z.

12C 12:21:23:01.1:2:0.36:64S:179:36E, h0km, mb4.0/2, mbmp4.0/3, ML3.7/1, Error ellipse: s-maj=61.5km s-min=30.2km az=137.0

WEL 12:21:23:03:40.7, 37:55S:178:0E, h12km, M3.9/23, ML3.9/22, MLV3.9/23, Error ellipse: s-maj=8.1km s-min=5.9km az=126.1, confirmed

ISC 12:21:22:57:9:2.3, 36:99S:0:06:179:95W:0:09, h15km:12km, n94, 1:16:100/107, East of North Island

Table with columns: Code, Station Name, Az, El, P, M, Time, Res, ISC. Includes stations like MXZ, WMGZ, PKGZ, etc.

Table with columns: KHZ, Kahutara, 7.38 221 P, Pn, 21 24 46.5 +1.5, etc.

IDC 12 21:23:01.5:1.0, 13.94N:121.21E, h0km, mb3.6/9, mbmp3.6/9, Error ellipse: s-maj=31.2km s-min=12.4km az=39.0

IDC 12 21:23:03.1:1.0, 13.93N:02.121E:0.2, h10km, n10, 0.559/10, mb3.6/9, Mindoro

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

SJA 12 21:29:06.4:0.8, 22.94S:66.37W, h250km, 7km, ML3.6, MW3.4, Jujuy Province

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

IDC 12 21:34:14.5:1.9, 13.99N:121.24E, h0km, mb3.2/3, mbmp3.2/3, Error ellipse: s-maj=45.4km s-min=17.3km az=29.0, Mindoro

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

Table with columns: TGY, Tagaytay City, 0.35 284 Pg, Pg, 21 34 53.6 -0.1, etc.

IDC 12 21:35:41.6:1.5, 13.93N:121.21E, h0km, mb3.5/5, mbmp3.5/5, Error ellipse: s-maj=44.3km s-min=16.2km az=9.7

IDC 12 21:35:43.0:1.3, 13.93N:02.121E:0.3, h10km, n6, 0.132/6, mb3.5/5, Mindoro

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

IDC 12 21:37:49.2:1.0, 14.09N:121.26E, h0km, mb3.6/8, mbmp3.7/8, Error ellipse: s-maj=20.7km s-min=13.7km az=0.0

IDC 12 21:37:50.9:1.2, 14.01N:02.121E:0.2, h10km, n9, 0.092/9, mb3.7/8, Luzon

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

IDC 12 21:42:44.8:1.1, 0.26S:91.42W, h0km, mb4.1/11, mbmp4.1/11, ML3.6/11, MS3.4/5, Error ellipse: s-maj=41.8km s-min=13.8km az=45.0

NEIC 12 21:42:45.6:1.4, 0.5S:01.1:9.152W:0.08, h10km, 2km, mb4.6/149, Error ellipse: s-maj=20.2km s-min=11.5km az=206.0

IDC 12 21:42:47.4:0.8, 0.45S:01.9145W:0.08, h23km, n137, 0.113/95, mb4.5/78, Galapagos Islands

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

Table with columns: FNO, Franklin, 35.87 352 P, P, 21 49 45.0 -0.2, etc.

Table with columns: ULM, Lac du Bonnet, 50.56 356 P, P, 21 51 42.8 -1.3, comp=Z:7.1nm,0.9s,baz=176,slow=8.1,SNR=8.1

IDC 12:21:43:23.9:1.1, 13:97N:121:29E, h0km, mb3.8/8, mbmp3.8/8, MS3.2/1, Error ellipse: s-maj=27.7km s-min=13.9km az=32.0

NEIC 12:21:43:26.4:0.7, 14:00N:0:06:121:14E:0:03, h10km, 1km, mb4.4/15, Error ellipse: s-maj=9.6km s-min=4.0km az=355.0

ISC 12:21:53:25.4:0.7, 13:98N:0:10:121:20E:0:09, h10km, n31, az=63/30, mb4.2/17, Mindoro

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC, TGy, Tagaytay City, 0.28 296 P, P, 21 43 30.9 -0.2

IDC 12:21:53:57.7:3.1, 6:58S:126:99E, h398km, 34km, mb2.9/1, mbmp4.0/5, Error ellipse: s-maj=54.5km s-min=15.1km az=63.0

NEIC 12:21:54:00:21.5, 6:75S:0:1:126:8E:0:1, h421km, 15km, mb4.1/8, Error ellipse: s-maj=20.1km s-min=14.3km az=61.0

ISC 12:21:53:59.3:0.7, 6:70S:0:07:126:90E:0:07, h400km, n23, az=111/26, mb3.9/3, Banda Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC, SAUI, Saumlaki, 4.55 107 Op, P, 21 55 16.7 0.0

Table with columns: MBWA, Marble Bar, 15.96 205 P, P, 21 57 21.9 -0.3, comp=Z:6.4nm,0.8s

IDC 12:21:53:58.9:0.8, 13:94N:121:27E, h0km, mb4.1/17, mbmp4.1/17, MS3.8/8, Error ellipse: s-maj=19.7km s-min=12.3km az=32.0

NEIC 12:21:54:01.1:1.4, 13:96N:0:08:121:1E:0:1, h10km, 1km, mb4.6/30, Error ellipse: s-maj=21.3km s-min=12.1km az=112.0

DJA 12:21:54:19.8:1.1, 14:04N:4:12:1E:1, h154km, 15km, M4.5/16, mB5.5/4, mb4.2/16, Mw(mB)5/0.4

ISC 12:21:54:00:9.0, 6.1405N:0:08:121:17E:0:09, h10km, n74, az=113/69, mb4.5/35, MS3.8/7, Luzon

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC, SBUM, Sibau, 14.29 219 P, P, 21 57 35.5 +2.1

IDC 12:21:59:14.4:1.2, 14:21N:121:20E, h0km, mb3.4/7, mbmp3.4/7, Error ellipse: s-maj=21.0km s-min=13.6km az=144.0

ISC 12:21:59:16.0:1.2, 14:20N:1:01:121:1E:0:1, h10km, n8, az=68/8, mb3.3/7, Luzon

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC, ASAR, Alice Springs, 39.50 161 P, P, 22 01 31.1 -1.0

Table with columns: NRK, Iamb, Iamb, 22 04 06.0, AB31, Akbulak array, 60.77 319 P, P, 22 04 12.6 -0.4

IDC 12:21:55:46:4.1, 3.1378N:121:07E, h0km, mb3.3/6, mbmp3.4/6, MS3.2/2, Error ellipse: s-maj=57.3km s-min=15.0km az=69.0

ISC 12:21:53:47:7.1, 2:138N:0:2:121:1E:0:3, h10km, n9, az=151/67, mb3.4/6, Mindoro

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC, TGy, Tagaytay City, 0.29 333 Op, P, 21 55 53.0 -0.6

IDC 12:21:59:14.4:1.2, 14:21N:121:20E, h0km, mb3.4/7, mbmp3.4/7, Error ellipse: s-maj=21.0km s-min=13.6km az=144.0

ISC 12:21:59:16.0:1.2, 14:20N:1:01:121:1E:0:1, h10km, n8, az=68/8, mb3.3/7, Luzon

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC, TGy, Tagaytay City, 0.17 254 P, P, 21 59 19.6 -0.2

IDC 12:21:59:24.8:1.4, 14:06N:121:21E, h0km, mb3.5/6, mbmp3.5/6, MS3.4/4, Error ellipse: s-maj=29.0km s-min=15.3km az=6.0

ISC 12:21:59:26.4:1.3, 14:00N:0:2:121:1E:0:2, h10km, n11, az=93/7, mb3.4/6, MS3.2/3, Luzon

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC, TGy, Tagaytay City, 0.18 297 Op, P, 21 59 29.9 -0.5

IDC 12:22:02:21.6:3.3, 13:89N:121:23E, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=66.3km s-min=26.6km az=21.0, Mindoro

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, h m s, ISC, TGy, Tagaytay City, 0.35 307 Op, P, 22 02 28.4 0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKASG Malin Array Be, FINES FINESSE Array B.

IDC 12 22:39:57.5:1.1, 13:84N:121.24'E, h0km, mb3.6/7, mbtmp3.6/7, Error ellipse: s-maj=44.0km s-min=12.9km az=51.0

ISC 12 22:39:59.0:1.2, 13:83N:121.20'E:0.3, h10km, n8, #194/8, mb3.6/7, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TGy Tagaytay City, CMAR Chiang Mai Arr, WRA Warramunga Arr, SONM Songino Array, ASAR Alice Springs, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arra.

IDC 12 22:50:33.6:1.2, 13:89N:121.22'E, h0km, mb3.4/7, mbtmp3.4/7, MS3.0/1, Error ellipse: s-maj=43.7km s-min=13.4km az=47.0

ISC 12 22:50:35.1:1.2, 13:93N:121.1E:0.3, h10km, n9, #678/8, mb3.5/7, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TGy Tagaytay City, DAV Davao City (W), CMAR Chiang Mai Arr, SONM Songino Array, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arra, BVAR Borovoye Array.

IDC 12 23:02:26.1:0.7, 17:66N:66.89W, h0km, mb3.8/10, mbtmp3.8/12, ML2.9/2, MS3.0/1, Error ellipse: s-maj=19.1km s-min=9.8km az=149.0

NEIC 12 23:02:27.17:84N:66.85W, h0km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm, Mrr=2.50; Mth=0.85; Mtt=1.65; Mtt=2.39; Mtt=3.19; Mtr=7.97; Fault plane solution: M0:4.62000x10^14 Nf1:3.255.00000; 3.65.00000; -4.45.00000; Nf2:0.8.00000; 850.00000; 1.147.00000; Principal axes: T:4.62006, P1g:0.0000; Azm315.00000; N:0.0034, P1g4.00000; Azm52.00000; P: -4.6240, P1g49.00000; Azm214.00000;

NEIC 12 23:02:27.3:1.4, 17:80N:0:03:66.816W:0.009, h4km, 4km, mb2.4/24, ML3.7/36, ML3.5(RSPR), Mw3.7/14(SL), Error ellipse: s-maj=3.7km s-min=1.3km az=180.0

RSPR 12 23:02:27.9:17:85N:66.85W, h6km

ISC 12 23:02:26.5:1.3, 17:76N:0:05:66.83W:0.02, h5km, 8km, n53, #111/73, mb3.8/9, 1C-6D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Islan, OBIP Obispado Ponce, CRPR Cabo Rojo, PR, KALU Kalix, etc.

Table with columns: EMPR, IAML, Time, Res, ISC. Includes stations like EMPR Esperanza - Ma, IDE Isla Desecheo, IDE Isla Desecheo, GCPR Guaynabo City, HUMP Col San Antoni, etc.

HEL 12 23:04:35.2:0.4, 67.16N:20.63E, h0km, ML1.1, Suspected explosion

UPP 12 23:04:37.0:0.6, 67.19N:20.64E, h0km, ML2.0, Suspected explosion, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DUNU Dunderet, MASU Masugnbyn, RATU Laukkulusta, KUA Kurraava, etc.

UPP 12 23:04:53.6:0.3, 67.11N:20.34E, h0km, ML2.6, Suspected explosion, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DUNU Dunderet, PAJU Pajala, KALU Kalix, etc.

Table with columns: KURBB Kurchatov Arra, BVAR Borovoye Array, Time, Res, ISC.

RSPR 12 23:05:53.3:17:94N:66.83W, h16km, NEIC 12 23:05:54.0:2.0, 17:97N:0:03:66.80W:0.01, h10km, 1km, ML2.5/34, ML2.5(RSPR), 6D, Error ellipse: s-maj=5.2km s-min=2.4km az=172.0, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GBPR Guanica, Bosqu, OBIP Obispado Ponce, MLPR Magueyes Islan, etc.

IDC 12 23:06:51.7:8.2, 7.29S:154.60E, h150km, 61km, mb3.3/4, mbtmp3.9/5, Error ellipse: s-maj=62.6km s-min=37.1km az=90.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, QSPA South Pole Qui, MKAR Makanchi Array.

IDC 12 23:09:21.3:3.5, 14:06N:121.29E, h0km, mb3.7/5, mbtmp3.7/5, MS3.7/2, Error ellipse: s-maj=74.1km s-min=10.1km az=173.0

ISC 12 23:09:22.0:14.2N:2:12E:1, h10km, n8, #06/96, mb3.8/5, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TGy Tagaytay City, WRA Warramunga Arr, DAV Davao City (W), CMAR Chiang Mai Arr, SONM Songino Array, MKAR Makanchi Array, KURBB Kurchatov Arra, BVAR Borovoye Array, JMJC Jan Mayen, SAUI Saumlaki.

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Cabo Rojo, Guanica, Las Mesas, Puerto Rico Se, etc.

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Tagaytay City, SIJI, KAPI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Tagaytay City, SIJI, KAPI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Tagaytay City, SIJI, KAPI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Tagaytay City, SIJI, KAPI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Tagaytay City, SIJI, KAPI, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Tagaytay City, SIJI, KAPI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Magueyes Islan, Cabo Rojo, Obispo Ponce, Cerrillos, Las Mesas, Utuado, Arecibo, Esperanza, Isla Desecheo, Guaynabo City, Col San Antoni, Loma Pena Alta.

IDC 13 00:14:03.1+0.9, 14.01'N: 121.29'E, h0km, mb4.0/10, mbtp4.0/10, MS3.5/26, Error ellipse: s-maj=21.4km s-min=12.8km az=24.0

NEIC 13 00:14:05.2+1.2, 14.0N: 0.1x121.2E-0.1, h10km, mb4.3/8, Error ellipse: s-maj=27.9km s-min=17.2km az=40.0

ISC 13 00:14:04.5+0.8, 13.95N:0.09-121.2E-0.1, h10km, n45, -0.79/24, mb4.1/14, MS3.6/22, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tiksi, Akbulak array, GNI, Elat, NOA, Mbar, YKA, Papeete.

IDC 13 00:19:01.0+1.2, 13.93'N: 121.29'E, h0km, mb3.6/7, mbtp3.7/7, MS3.9/7, Error ellipse: s-maj=33.5km s-min=9.5km az=26.0

ISC 13 00:19:02.6+1.3, 13.9N:0.2x121.2E-0.2, h10km, n9, -0.82/8, mb3.7/7, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tagaytay City, Chiang Mai Arr, Songoing Array, Waramunga Arr, Makanchi Array, Zalesovo Beam, Kurbb, BVAR, OBN.

IDC 13 00:20:38.7+4.9, 13.93'N: 121.24'E, h0km, mb3.2/3, mbtp3.2/3, Error ellipse: s-maj=96.9km s-min=25.4km az=4.0, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tagaytay City, Chiang Mai Arr, Songoing Array, Makanchi Array.

RSPR 13 00:21:37.0+1.7, 17.89'N: 66.86'W, h13km, MD2.5/7, NEIC 13 00:21:35.0+1.2, 17.78'N: 0.03-66.81'W-0.01, h10km, n1km, ML2.8/34, MD2.5(RSPR), 11C-1D, Error ellipse: s-maj=5.5km s-min=2.5km az=2.0, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Guanica, Bosqu, Magueyes Islan, Obispo Ponce, Cabo Rojo, Cerrillos, Las Mesas, Utuado, Arecibo, Esperanza, Isla Desecheo, Guaynabo City, Col San Antoni, Loma Pena Alta.

RSPR 13 00:29:23.2+1.7, 17.89'N: 66.87'W, h13km, MD2.5/5, NEIC 13 00:23.1+1.3, 17.86'N: 0.01-66.86'W-0.01, h10km, n1km, ML2.6/32, MD2.5(5(RSPR)), 11C-2D, Error ellipse: s-maj=3.2km s-min=2.1km az=341.0, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Guanica, Bosqu, Magueyes Islan, Obispo Ponce, Cabo Rojo, Cerrillos, Las Mesas, Utuado, Arecibo, Esperanza, Isla Desecheo, Guaynabo City, Col San Antoni, Loma Pena Alta.

IDC 13 00:21:51.2+1.7, 13.90'N: 121.28'E, h0km, mb3.3/4, mbtp3.3/4, Error ellipse: s-maj=48.6km s-min=17.3km az=39.0, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tagaytay City, Songoing Array, Alice Springs, Makanchi Array.

THE 13 00:22:49.8, 38.4'N: 0.4x2.0E, h0km, 1km, M2.6/8, MLh2.6/8

ATH 13 00:22:49.1, 38.42'N: 20.49'E, h13km, ML1.9/7, Manual Solution by N. Liadopoulos First location: 2020/01/13 00:24:02, This location: 2020/01/13 10:45:57 ML

Amplitudes are expressed in micrometers. All distances are expressed in degrees Latitude uncertainty: 0 km; Longitude uncertainty: 0 km

ISC 13 00:22:49.7+0.9, 38.42'N: 0.02-20.53E-0.03, h10km, 5km, n41, -0.95/26, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Vasilikiades, Fiskardo, Damouliana-K, Lefkada island, Lixouri, Cepha, Argostoli, Valsamata, Kefalonia, Entr, Dragano-Lefkad, Dragano-Lefkad, Lefkada island, Ratzaki, Kefa, Tsoukalades, L, Tsoukalades, Astakos, Orthonies, Zaky, Kipseli, Zakini, Araxos, Kyllini, Iliia, G, Loutra Irminis, Ampelaki, Rioli of Patr, Efpalio, Ano Chora, Evrytania, IGT Igomunita, PRMD Pramanda, AMT Artemida-Makis, Kiklav, Makrakomi, Fth, KEK Makraki, AGG Agios Georgios, Ithomi.

RSPR 13 00:29:23.2+1.7, 17.89'N: 66.87'W, h13km, MD2.5/5, NEIC 13 00:23.1+1.3, 17.86'N: 0.01-66.86'W-0.01, h10km, n1km, ML2.6/32, MD2.5(5(RSPR)), 11C-2D, Error ellipse: s-maj=3.2km s-min=2.1km az=341.0, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Guanica, Bosqu, Magueyes Islan, Obispo Ponce, Cabo Rojo, Cerrillos, Las Mesas, Utuado, Arecibo, Esperanza, Isla Desecheo, Guaynabo City, Col San Antoni, Loma Pena Alta.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like YUK, GLVR, NMR, etc.

IDC 13 01:56:54.7±1.9, 13.81N×121.17E, h0km, mb3.5/4, mbtmp3.5/4, MS3.3/7, Error ellipse: s-maj=60.2km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station identifiers like TGY, TG, CMAR, etc.

NEIC 13 02:01:41.0±2.0, 40.25S; 0.05; 71.23W; 0.08, h168km; 4km, mb4.9/317, Mw5.3/24, Mw5.2(GUC), Error ellipse: s-maj=8.9km s-min=7.5km az=71.0

SJA 13 02:01:40.2±0.7, 40.34S; 71.38W, h192km; 4km, M5.5, MW5.0

NEIC 13 02:01:41.6±0.4, 40.51S; 71.00W, h170km, Moment Tensor Solution. Duration: 191.0 Moment tensor: Scale 1017 Nm; Mn=0.32; Mw=0.47; Mw=0.15; Mw=0.06; Mw=0.30; Mw=0.92; Fault plane solutions: M1: 1.05000°x121.7; N1: 1.27342000°x 327.81000°; 1-18.06000°; NP2: 19.49000°x 381.66000°; 1-116.73000°. Principal axes: T 0.8601, Plg31.0000°, Azm131.0000°; N 0.3113, Plg26.0000°, Azm24.0000°; P -1.1714, Plg47.0000°. Azm262.0000°; VAO 13 02:01:41.8±0.4, 40.20S; 71.11W, h180km; 1km, mb5.0, Presumed earthquake

IDC 13 02:01:42.0±0.4, 40.21S; 71.01W, h177km; 2km, mb4.5/15, mbtmp5.0/18, MS3.8/7, Error ellipse: s-maj=12.2km s-min=8.7km az=89.0

NEIC 13 02:01:41.6±0.4, 40.21S; 71.26W, h170km GUC 13 02:01:42.6±0.9, 40.25S; 71.52W, h174km; 4km, ML4.7 GCMT 13 02:01:45.6±1.4, 40.33S; 0.01; 71.42W; 0.01, h190km, MW5.4/140, Moment Tensor Solution. s104.c148; s140.c223; Duration: 182 Moment tensor: Scale 1017 Nm; Mn=0.32±0.02; Mw=0.19±0.03; Mw=0.12±0.03; Mw=0.31±0.02; Mw=0.36±0.02; Mw=1.47±0.02; Best double couple: Mo: 1.571000°x1017; NP1: 25.99000°x 814.00000°; 1-25.00000°; NP2: 19.410000°x 884.00000°; 1-103.00000°. Principal axes: T 1.5590, Plg38.0000°, Azm115.0000°; N 0.0250, Plg12.0000°, Azm15.0000°; P -1.5840, Plg49.0000°, Azm270.0000°; nstai refers to body waves, cutoff=40s. nstai2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 13 02:01:41.2±0.3, 40.20S; 0.03; 71.29W; 0.04, h177km; 2km, h177km; p-P, nA56.6, t147/435, mb4.8/165, 13C-3D, Southern Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station identifiers like G006, PLCA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station identifiers like LR04, LL05, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station identifiers like H03S1, H03S2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and station identifiers like BDFB, CLDB, etc.

Table with columns: Station, Frequency, Power, Class, and other details. Includes stations like MAW, TAOE, 656A, etc.

Table with columns: Station, Frequency, Power, Class, and other details. Includes stations like Q51A, RTZ, AMTX, etc.

Table with columns: Station, Frequency, Power, Class, and other details. Includes stations like DUG, TCUT, RSSD, etc.

Table with columns: CD2, comp, SKS, SKSdf, Time, Res. Includes stations like Songoing Array, Ulaanbaatar, and various meteorological data points.

IDC 13 02:01:52.0:1.9, 13.935N:121.30E, h0km, mb3.3/3, mbtm3.4/3, Error ellipse: s-maj=47.7km s-min=17.6km az=32.0, Mindoro

IDC 13 02:03:18.9:1.3, 13.929N:121.34E, h0km, mb3.5/6, mbtm3.5/6, MS3.3/3, Error ellipse: s-maj=60.1km s-min=21.5km az=61.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Davas City, SUI, CMAR, WRA, SONM, ASAR, MKAR, KURBB.

AEIC 13 02:03:42.6:1.6, 61.64N:0.03:147.91W:0.05, h26km, 5km, Error ellipse: s-maj=4.3km s-min=3.5km az=158.0
IDC 13 02:03:42.6:2.0, 61.68N:148.10W, h46km, 19km, mb3.4/7, mbtm3.7/11, ML3.7/4, MS3.4/2, Error ellipse: s-maj=21.5km s-min=15.0km az=87.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like M23K, SML, KNK, SCM, GHO, PMR.

Main table with columns: PMR, PWT, GLI, WAT6, M24K, KLU, RC01, M22K, DIV, WAT1, WAT7, CUT, SUA, HIN, O22K, DHY, EYAK, EYAK, EYAK, HARP, HARP, SLRK, SLRK, L22K, L22K, N25K, N25K, N25K, P23K, P23K, SEW, SEW, SEW, SKT, SKT, BMRM, BMRM, CAPN, CAPN, PAX, PAX, PAX, RND, RND, STLK, STLK, GOAT, GLB, SPU, RAGM. Contains detailed meteorological data for various stations.

Table with columns: SPCP, SPCN, SPCR, SPCR, TRF, TRF, SPBG, MCK, MCK, MCK, VRED, BRSE, PPLA, PPLA, Q23K, MID, MID, MID, KTH, KTH, BRLK, BRLK, MENT, MENT, MENT, MCAR, MCAR, MCAR, K24K, BERG, KAIM, KAIM, KAIM, M20K, M20K, M26K, M26K, M26K, CRQM, CRQE, RIDG, RIDG, RIDG, RIDG, RIDG, L26K, L26K, L26K, SUCK, SUCK, RDWB, RED, RED, TGL, TGL, TGL, GRIN, CNPM, CNPM, HOM, HOM, HOM, DOT, DOT, DOT, BGCL, WAX, HDA, HDA, HDA, HDA, HDA, BPAW, BPAW, BPAW, BPAW, WRH, SNH, SNH, SNH, ISLE, IVE, M27K, M27K, SCRK, SCRK, ILS, NEA2, NEA2, NEA2, CHUM, CHUM, ILSW, ILSW, ILSW, BAGL, BARN, BARN. Contains detailed meteorological data for various stations.

GRNC	Granite Creek	3.15	104	IAML	02	05	17.6
GRNC	comp=E,306nm,0.5s			IAML			02 05 20.7
IL31	comp=N,588nm,0.7s						02 04 30.5 +1.3
ILAR	Eielson Array	3.19	8	Pn	Pn		02 04 30.2 +1.0
ILAR	comp=N,131nm,0.3s,baz=192,slow=13,SNR=309						02 05 06.7 +0.7
BC01	Beaver Creek A	3.20	61	Pn	Pn		02 04 30.5 +1.1
L27K	Beaver Creek	3.20	61	P	Pn		02 04 30.8 +1.3
J25K	Salcha River	3.21	20	P	Pn		02 04 30.5 +0.9
J25K	Salcha River	3.21	20	P	Pn		02 04 31.0 +1.3
BCAR	Beaver Creek A	3.22	61	Pn	Pn		02 04 30.3 +0.6
COLA	College	3.25	1	Pn	Pn		02 04 31.2 +1.2
COLA	College	3.25	1	S	Sn		02 04 31.3 +1.2
COLA	College	3.25	1	P	Sn		02 05 09.9 +2.4
COLA	College	3.25	1	P	Pn		02 04 31.9 +1.8
N19K	Bonanza Creek	3.25	258	Pn	Pn		02 04 30.8 +0.6
N19K	Bonanza Creek	3.25	258	Pn	Pn		02 04 31.2 +1.0
P19K	Oil Pt	3.27	235	P	Pn		02 04 31.7 +1.4
CTG	Chitina Glacier	3.27	99	P	Pn		02 04 32.1 +1.6
CTGM	Chitina Glacie	3.27	99	IAML			02 05 22.8
CTGM	comp=N,364nm,0.7s			IAML			02 05 22.8
MESA	MESA	3.28	114	Pn	Pn		02 04 31.1 +0.4
MESA	MESA	3.28	114	IAML			02 05 21.6
MESA	MESA	3.28	114	P	Pn		02 04 31.7 +1.0
K20K	Telida	3.31	304	Pn	Pn		02 04 31.6 +0.6
K20K	Telida	3.31	304	IAML			02 05 29.3
K20K	Telida	3.31	304	P	Pn		02 04 32.1 +1.1
MDM	Murphy Dome	3.34	358	P	Pn		02 04 32.4 +1.0
BVCY	Beaver Creek	3.44	74	P	Pn		02 04 34.1 +1.4
LOGN	Logan Glacier	3.47	100	IAML			02 05 26.8
LOGN	comp=E,231nm,0.5s			IAML			02 05 35.0
RKAV	Rock Avalanche	3.50	110	Pn	Pn		02 04 34.2 +0.6
AU22	Augsutine Moun	3.50	232	Pn	Pn		02 04 35.9 +1.6
POKR	Poker Plat Res	3.50	4	IAML			02 04 34.8 +1.3
POKR	Poker Plat Res	3.50	4	IAML			02 05 36.0
POKR	Poker Plat Res	3.50	4	P	Pn		02 04 34.7 +1.1
J26L	Joseph Creek	3.51	33	Pn	Pn		02 04 34.6 +0.9
J26L	Joseph Creek	3.51	33	IAML			02 05 33.9
J26L	Joseph Creek	3.51	33	P	Pn		02 04 34.8 +1.1
TABL	Table Mountain	3.53	107	Pn	Pn		02 04 34.4 +0.2
TABL	comp=E,238nm,0.7s			IAML			02 05 37.8
TABL	comp=N,245nm,0.7s			IAML			02 05 37.8
AUJK	Augustine Jueg	3.53	232	Pn	Pn		02 04 35.7 +1.7
AUCH	Augustine Cone	3.54	232	Pn	Pn		02 04 35.9 +1.8
AUW	Augustine West	3.54	233	Pn	Pn		02 04 35.8 +1.7
AUI	Augustine Isla	3.55	232	Pn	Pn		02 04 35.7 +1.6
YUKJ	Moose Creek	3.58	84	P	Pn		02 04 35.8 +1.0
I23K	Minto, Yukon-K	3.58	351	Pn	IAML		02 04 35.4 +0.8
I23K	comp=N,193nm,0.7s			IAML			02 05 33.8
I23K	comp=E,242nm,1.1s			IAML			02 05 39.4
I23K	Minto, Yukon-K	3.58	351	P	Pn		02 04 35.6 +1.0
SYI	Shuyak Island	3.75	218	IAML			02 04 38.2 +1.3
SYI	Shuyak Island	3.75	218	IAML			02 05 43.6
Q20K	Shuyak Island	3.75	218	P	Pn		02 04 38.2 +1.2
M18K	Stony River	3.76	271	Pn	Pn		02 04 37.5 +0.5
M18K	Stony River	3.76	271	P	Pn		02 04 37.7 +0.7
J20K	Nowinta River	3.81	315	Pn	Pn		02 04 38.9 +1.3
J20K	comp=N,227nm,0.8s			IAML			02 05 40.6
J20K	comp=E,227nm,0.8s			IAML			02 05 41.7
J20K	Nowinta River	3.81	315	P	Pn		02 04 39.0 +1.3
O28M	Mount Upton	3.86	100	Pn	Pn		02 04 39.6 +0.9
O28M	Mount Upton	3.86	100	IAML			02 05 40.2
O28M	comp=N,186nm,0.5s			IAML			02 05 45.6
O28M	comp=E,172nm,1.1s			IAML			02 05 45.6
O28M	Mount Upton	3.86	100	P	Pn		02 04 39.7 +0.9
Q19K	Cape Douglas,	3.92	229	P	Pn		02 04 40.2 +0.9
N18K	Kilae Creek	3.95	259	Pn	Pn		02 04 40.2 +0.5
N18K	Kilae Creek	3.95	259	P	Pn		02 04 40.2 +0.5
YUK8	Steele Glacier	3.96	91	P	Pn		02 04 41.2 +1.2
YUK8	Steele Glacier	3.96	91	P	Pn		02 04 40.9 +0.9
O18K	Koktuh Hills	3.98	246	IAML			02 05 55.6
O18K	Koktuh Hills	3.98	246	P	Pn		02 04 40.2 +0.2
I21K	Tanana	3.99	335	P	Pn		02 04 41.1 +0.9
PCA	Pinnacle	4.08	109	Pn	Pn		02 04 42.1 +0.7
P1NM	Pinnacle	4.08	109	P	Pn		02 04 42.3 +0.8
L18K	Granite Mounta	4.16	282	IAML			02 04 43.0 +0.5
L18K	Granite Mounta	4.16	282	IAML			02 06 00.5
L18K	Granite Mounta	4.16	282	P	Pn		02 04 43.1 +0.5
H24K	Noodor Dome	4.22	1	IAML			02 06 03.5
H24K	Noodor Dome	4.22	1	P	Pn		02 04 45.1 +1.7
J19K	Poorman	4.23	307	Pn	Pn		02 04 44.1 +0.5
J19K	Poorman	4.23	307	IAML			02 05 59.6
J19K	comp=N,142nm,1.1s			IAML			02 06 03.2
J19K	Poorman	4.23	307	P	Pn		02 04 44.8 +1.3
P18K	Big Mountain,	4.23	241	Pn	Pn		02 04 44.2 +0.6
P18K	Big Mountain	4.23	241	P	Pn		02 04 44.6 +1.0
I20K	Naaghedeneel	4.33	320	P	Pn		02 04 46.0 +1.2
I20K	Naaghedeneel	4.33	320	P	Pn		02 04 45.8 +1.0
BCPM	Bancas Point	4.42	109	IAML			02 04 46.2 +0.1
BCPM	Bancas Point	4.42	109	IAML			02 05 59.8
BCPM	comp=N,192nm,1.0s			IAML			02 06 01.1
J18K	Innoko River	4.44	298	Pn	Pn		02 04 47.2 +0.8
J18K	Innoko River	4.44	298	P	Pn		02 04 47.3 +0.8
YUK4	Talbot Arm	4.48	90	P	Pn		02 04 47.9 +0.8
KDAK	Kodiak Island	4.51	213	P	Pn		02 04 47.7 +0.3
KDAK	comp=E,18nm,0.3s,baz=51,slow=3.8,SNR=195			S	Sn		02 05 36.8 -1.9
KDAK	comp=E,148nm,20.9s,baz=44,slow=41			LR	LR		02 06 45.9
KDAK	Kodiak Island	4.51	213	Pn	Pn		02 04 47.6 +0.3
KDAK	comp=N,149nm,3.0s			IAML			02 06 09.4
KDAK	comp=E,120nm,2.1s			IAML			02 06 09.4
KDAK	Kodiak Island	4.51	213	P	Pn		02 04 47.7 +0.3
H22K	Ishtalitna Cre	4.54	342	P	Pn		02 04 48.9 +1.2

M17K	Holitna River	4.54	271	Pn	Pn		02 04 48.2 +0.5
M17K	Holitna River	4.54	271	P	Pn		02 04 48.2 +0.5
M29M	Somme Creek	4.55	76	P	Pn		02 04 49.0 +1.0
M29M	Somme Creek	4.55	76	P	Pn		02 04 49.0 +1.0
H21K	Melozitna Rive	4.58	334	P	Pn		02 04 49.2 +0.9
N17K	Nushagak Hills	4.61	260	Pn	Pn		02 04 49.3 +0.6
N17K	Nushagak Hills	4.61	260	IAML			02 06 13.4
N17K	Nushagak Hills	4.61	260	P	Pn		02 04 49.3 +0.6
DAWY	Dawson	4.63	54	Pn	IAML		02 04 50.1 +1.1
DAWY	comp=N,109nm,0.8s			IAML			02 06 13.5
DAWY	comp=N,97nm,0.8s			IAML			02 06 14.7
DAWY	Dawson	4.63	54	P	Pn		02 04 50.0 +1.1
YUK6	Outpost Mounta	4.69	94	P	Pn		02 04 50.5 +0.5
YUK6	Outpost Mounta	4.69	94	P	Pn		02 04 50.8 +0.8
O29M	Mount Kennedy	4.77	102	IAML			02 04 51.4 +0.3
O29M	Mount Kennedy	4.77	102	IAML			02 06 03.3
O29M	comp=E,114nm,0.5s			IAML			02 06 04.6
O29M	Mount Kenne	4.77	102	P	Pn		02 04 51.6 +0.5
L29M	L29M	4.82	68	IAML			02 06 18.2
L29M	comp=N,104nm,0.8s			IAML			02 06 20.6
L29M	L29M	4.82	68	P	Pn		02 04 52.9 +1.3
O17K	Kolliganek Bris	4.85	251	P	Pn		02 04 52.4 +0.4
O17K	Kolliganek Bris	4.85	251	P	Pn		02 04 52.0 +0.6
P17K	Kvichak River	4.86	244	P	Pn		02 04 52.9 +0.8
I27K	Kandik River	4.89	33	IAML			02 06 14.1
I27K	comp=N,122nm,0.7s			IAML			02 06 19.4
I27K	Kandik River	4.89	33	P	Pn		02 04 54.2 +1.6
YUK5	Granite Creek	4.89	91	Pn	Pn		02 04 53.0 +0.3
YUK7	Dusty Glacier	4.90	99	Pn	Pn		02 04 53.7 +0.8
L17K	Donlin	4.91	280	Pn	Pn		02 04 53.2 +0.3
L17K	Donlin	4.91	280	P	Pn		02 04 53.3 +0.5
H20K	Anotleneega Mo	4.95	324	P	Pn		02 04 54.3 +0.8
K17K	Iditarod	4.96	287	IAML			02 04 54.0 +0.5
K17K	Iditarod	4.96	287	IAML			02 06 32.0
K17K	comp=E,121nm,1.1s			IAML			02 06 36.4
K17K	comp=N,145nm,1.2s			IAML			02 06 36.4
K17K	Iditarod	4.96	287	P	Pn		02 04 54.3 +0.8
KABU	Katmai Buttes	4.99	231	Pn	Pn		02 04 54.9 +0.8
ACHA	Angle Creek He	5.05	230	Pn	Pn		02 04 55.6 +0.8
G24K	Hadweenciz Riv	5.09	2	IAML			02 06 10.7
G24K	comp=N,74nm,1.1s			IAML			02 06 22.8
G24K	comp=E,89nm,1.3s			IAML			02 06 22.8
G24K	Hadweenciz Riv	5.09	2	Pn	Pn		02 04 56.4 +1.1
FYU	Fort Yukon	5.09	12	IAML			02 06 22.9
FYU	comp=E,160nm,1.6s			IAML			02 06 25.0
GCSA	Galena City Sc	5.10	312	P	Pn		02 04 56.9 +1.5
ANCK	Angle Creek	5.12	231	Pn	Pn		02 04 56.4 +0.7
HYT	Haines Junctio	5.12	95	Pn	Pn		02 04 56.7 +0.8
HYT	Haines Junctio	5.12	95	Pn	Pn		02 04 56.0 +0.1
CAHL	Calumet	5.15	229	Pn	Pn		02 04 57.1 +0.8
G23K	Bananza Creek	5.17	351	P	Pn		02 04 58.1 +1.6
OHAK	Old Harbor	5.19	214	Pn	Pn		02 04 56.4 +0.3
OHAK	Old Harbor	5.19	214	P	Pn		02 04 56.6 +0.1
OHAK	Old Harbor	5.19	214	P	Pn		02 04 56.8 +0.1
N30M	Aishikik Lake	5.21	87	P	Pn		02 04 57.1 +0.1
CNCT	Contact Creek	5.22	233	Pn	Pn		02 04 57.8 +0.6
Q17K	Contact Creek	5.22	233	P	Pn		02 04 57.7 +0.5
R18K	Kariuk	5.24	222	P	Pn		02 04 57.8 +0.5
I28M	Miner Creek	5.25	40	IAML			02 04 58.5 +1.0
I28M	Miner Creek	5.25	40	IAML			02 06 28.1
I28M	comp=N,108nm,1.1s			IAML			02 06 31.5
I28M	comp=E,101nm,1.1s			IAML			02 06 31.5
I28M	Miner Creek	5.25	40	P	Pn		02 04 58.9 +1.3
Q16K	King Salmon	5.25	239	Pn	Pn		02 04 58.7 +1.2
Q16K	King Salmon	5.25	239	P	Pn		02 04 58.4 +0.9
J29N	Klondike Camp	5.26	53	P	Pn		02 04 58.6 +0.9
K29M	Barlow Dome	5.29	61	IAML			02 04 59.2 +1.0
K29M	Barlow Dome	5.29	61	IAML			02 06 32.1
K29M	Barlow Dome	5.29	61	P	Pn		02 04 59.2 +1.0
M16K	Timber Creek	5.33	268	IAML			02 04 59.2 +0.6
M16K	Timber Creek	5.33	268	IAML			02 06 32.2
M16K	comp=N,75nm,1.8s			IAML			02 06 39.1
M16K	comp=E,59nm,1.1s			IAML			02 06 39.1

13d 3h

Table of station data for 13d 3h, including columns for station name, coordinates, and various parameters like P, S, and time.

2020 JAN

Main table of station data for 2020 JAN, including columns for station name, coordinates, and various parameters like P, S, and time.

884

Table of station data for 884, including columns for station name, coordinates, and various parameters like P, S, and time.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes entries like Franklin Bluff, Aishikik Lake, Miner Creek, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes entries like E07A Sunnyside, HAWA Hanford, D08A Wolfman Farm, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Mode, Frequency, and other parameters. Includes entries like FCC Goldstone, GSC Goldstone, ILON Igloolik, etc.

13d 3h

2020 JAN

Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like TPB01 Permian Basin, H43A Windswept, LPK048 Pawnee Station, etc.

Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like LZH comp=Z,340nm,15.5s, LZH comp=Z,460nm,15.1s, BLA Blackburg, etc.

Table with columns: Station, Frequency, Power, Mode, and Time. Includes stations like AKBB Main Array Si, AK19 Main Array Si, AK10 Kiev, etc.

RSRP 13 03:09:31.0, 17.94N-66.84W, h12km
NEIC 13 03:09:30.4, 17.90N-66.804W-0.004,
h10km+1km, ML2.6/36, MD2.4/(RSRP), 1C-6D, Error
ellipse: s-maj=5.4km s-min=2.8km az=182.0, Puerto Rico region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Guanica, Bosqu, Obispo Ponce, Magueyes Islan, etc.

CATAC 13 03:17:20.3±0.6, 13°N, 3°8'9W, h19km, 3km, M3.2/15, MLV3.2/15, Error ellipse: s-maj=6.4km s-min=4.3km az=30.0, confirmed

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like LALI, JAYA, PANCS, UTEC, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like MTO3, MTO3, MTO3, etc.

VIE 13 03:18:02.8±0.4, 46°37'N, 13°69'E, h5km, 11km, mb 1.2/1, mlo.9/4, Error ellipse: s-maj=2.0km s-min=1.4km az=69.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like CAD5, CAD5, CAD5, etc.

RSPR 13 03:19:59.2, 17°95'N, 66°82'W, h13km, NEIC 13 03:19:58.9±1.1, 17.93N, 003.6680W, 0.01, h10km±1km, ML2.4/30, ML2.5(RSPR), 1C-7D, Error ellipse: s-maj=4.9km s-min=2.6km az=1.0, Puerto Rico region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like GBPR, Guanica, Bosqu, Obispo Ponce, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TGY, Tagaytay City, DAV, Davao City (W), etc.

IDC 13 03:37:46.8±0.9, 13.88N, 121.24E, h0km, mb4.0/10, mbmp4.0/10, MS3.8/34, Error ellipse: s-maj=32.3km s-min=12.1km az=45.0

NEIC 13 03:37:49.3±0.7, 14°0N, 0°1'x120°9E:0.1, h10km±2km, mb4.6/22, Error ellipse: s-maj=29.1km s-min=5.3km az=24.0

DJA 13 03:38:43.2±2.0, 14°N, 6°12'E, h183km±22km, M4.2/13, mb4.2/13, MB5.22, Mw(mb)4.5/2

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TGY, Tagaytay City, DAV, Davao City (W), etc.

IDC 13 03:27:58.5±1.3, 13.83N, 121.23E, h0km, mb3.7/5, mbmp3.7/5, MS3.0/1, Error ellipse: s-maj=53.5km s-min=16.9km az=52.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ECPR Experimental S, SJG San Juan, AGPR Aguadilla, etc.

JMA 13 04:24:36.9, 0.6, 32.1, 2.14, 1.1E, h6km, MV3.7/28, E OFF HACHUJIMA ISLAND

IDC 13 04:24:36.9, 3.2, 31.1, 60N, 141.03E, h47km, 29km, mb3.5/8, m1bpm3.6/9, ML2.6/1, Error ellipse: s-maj=30.0km

ISC 13 04:24:38.4, 1.0, 31.384N, 0.09, 141.10E, 0.09, h57km, n20, c1847/20, mb3.6, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAOM Aogashimamukai, JHUJ Mitsune, JHJ2 Hachijo jima, etc.

IDC 13 04:33:44.7, 4.7, 19.01N, 108.14W, h0km, mb3.1/2, m1bpm3.3/4, ML3.2/2, Error ellipse: s-maj=126.5km

MEX 13 04:33:50.8, 0.6, 19.30N, 108.16W, h10km, 197km, MD4.0

ISC 13 04:33:48.9, 1.8, 18.39N, 0.02, 108.26W, 0.10, h35km, n18, c171/21, Revilla Gigedo Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H06S1 SOCORRO T, H06N1 SOCORRO T-PHAS, etc.

SOME 13 04:49:58.3, 4.4, 38N, 81.97E, h15km, NNC 13 04:49:59.1, 0.8, 44.32N, 81.95E, h0km, mb4.0, mpv3.7,

Error ellipse: s-maj=8.1km s-min=3.2km az=126.0

ISC 13 04:49:57.8, 1.1, 44.29N, 0.04, 82.00E, 0.05, h10km, n48, c255/70, 10C-3D, Northern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KTMS Ketmen, KTMS Ketmen, DJR Jarkent, etc.

ISC 13 04:50:36.2, 0.8, 13.75N, 0.09, 121.11E, 0.2, h10km, n27, c108/24, mb4.0/12, MS3.3/4, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MKK31 Makanchi Array, MKK31 Kuram, MAK2 Makanchi, etc.

IDC 13 04:56:00.9, 1.9, 13.62N, 121.04E, h0km, mb3.5/3, m1bpm3.6/3, Error ellipse: s-maj=62.2km s-min=30.5km

az=56.0, Mindoro

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

AAK Ala-Archa 5.70 256 fPg Pg 04 51 43.6 -3.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AAK 4.9nm, 0.8s, BTLS Baital, etc.

IDC 13 04:50:35.9, 1.1, 13.86N, 121.24E, h0km, mb3.8/7, m1bpm3.8/7, MS3.3/6, Error ellipse: s-maj=41.8km

s-min=12.5km az=50.0

NEIC 13 04:50:38.6, 0.7, 13.90N, 0.07, 120.9E, 0.2, h10km, 2km, mb4.5/10, Error ellipse: s-maj=27.6km s-min=8.5km

az=109.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TGY Tagaytay City, DAV Davao City, YULB Yu-li, etc.

IDC 13 04:56:00.9, 1.9, 13.62N, 121.04E, h0km, mb3.5/3, m1bpm3.6/3, Error ellipse: s-maj=62.2km s-min=30.5km

az=56.0, Mindoro

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, WRA Warrungarra Arr, etc.

JMA 13 05:03:27.0, 1.0, 26.2N, 140.71E, h418km, 20km, mb3.3/18, m1bpm4.1/21, Error ellipse: s-maj=17.0km

s-min=10.7km az=86.0

NEIC 13 05:03:27.0, 1.4, 26.2N, 0.1, 140.7E, 0.2, h407km, 8km, mb4.1/47, Error ellipse: s-maj=22.0km s-min=14.7km

az=78.0

ISC 13 05:03:26.0, 0.5, 26.22N, 0.06, 140.72E, 0.09, h400km, n89, c1526/83, mb4.0/43, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHH2 Haha-jima-NKT2, JHH2 Chichi jima, etc.

JNU Nakatsue 10.97 311 P Pg 05 05 56.0 +0.8

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like JNU Nakatsue, KRSR Korea Array, SONM Songrio Arr, SEY Seymchan, COEN Coen, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like SBUJ Tangerang, BBUJ Bungbulang, KASI Kota Agung, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like MLPR Magueyes Islan, CRPR Cabo Rojo, AOPR Arcedibo Observ, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like IDC 13 05:19:44.0, DJA 13 05:19:04.9, NEIC 13 05:19:53.1, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like NEIC 13 05:22:26.5, RPTI 13 05:22:26.1, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like IDC 13 05:28:02.1, IDC 13 05:30:17.6, etc.

0.3nm, 0.6s, baz=128, slow=6.0, SNR=2.0
0.3nm, 0.6s

GCG 13 06:14:38.4±1.8, 15.56N:93.55W, h71km, 38km, MD4.3,
Presumed earthquake
MEX 13 06:14:39.6±0.7, 15.55N:93.57W, h82km, 7km, MD4.1
CATAC 13 06:14:40.2±0.4, 16.1N:93.94W, h50km, 6km, M3.7/11,
mb3.8/1, MLV3.7/11, Error ellipse: s-maj=9.4km
s-min=4.4km az=45.9 confirmed
ISC 13 06:14:37.7±1.2, 15.55N:0.04:93.60W±0.03, h87km±11km,
n52, c198/83, Near coast of Chiapas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the 13d 6h period.

RSPR 13 06:19:35.0, 17.96N:66.78W, h6km, MD2.9
NEIC 13 06:19:34.7±0.9, 17.93N:0.02:66.775W±0.008,
h10km±1km, ML2.9/34, Md2.8/9(RSPR), 4C-4D, Error
ellipse: s-maj=3.9km s-min=2.0km az=180.0, Puerto
Rico region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the Puerto Rico region.

Table with columns: PRSN, ECPR, ECPR, comp=N, 1µm, 0.2s, IAML, etc. Lists seismic events with parameters like magnitude, depth, and location.

ISC 13 06:19:41.2±1.6, 13.41N:121.61E, h0km, mb3.5/5,
mbmt3.5/5, MS3.2/2, Error ellipse: s-maj=58.1km
s-min=26.1km az=62.0, Mindoro

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for Mindoro.

ISC 13 06:20:11.9±1.1, 13.87N:121.21E, h0km, mb3.8/7,
mbmt3.8/7, MS3.2/2, Error ellipse: s-maj=55.4km
s-min=18.8km az=63.0

NEIC 13 06:20:12.5±0.9, 13.88N:0.04:121.2E±0.1, h10km±1km,
mb4.3/16, Error ellipse: s-maj=21.0km s-min=5.3km
az=102.0

ISC 13 06:20:12.0±0.6, 13.82N:0.09:121.1E±0.1, h10km, n35,
c093/33, mb4.2/14, Mindoro

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for Mindoro.

ISC 13 06:23:42.9, 38.73N:43.31E, h25km, ML2.7/9
AFAD 13 06:23:44.0, 38.79N:43.19E, h7km, 4km, ML2.1
ISC 13 06:23:44.0±1.0, 38.79N:0.02:43.22E±0.03, h15km, gkm,
n18, c113/32, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for Turkey.

ISC 13 06:33:51.5±1.5, 13.97N:121.41E, h0km, mb3.7/5,
mbmt3.7/5, Error ellipse: s-maj=56.7km s-min=25.7km
az=63.0, Mindoro

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for Mindoro.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for various regions including Malazgirt-MUS, Agr/Tutak/Do, Hanur-Agry, etc.

RSPR 13 06:25:08.4, 17.83N:66.84W, h7km
NEIC 13 06:25:08.0±0.8, 17.80N:0.03:66.82W±0.01, h10km±1km,
ML2.6/34, ML2.6(RSPR), 3C-2D, Error ellipse:
s-maj=5.9km s-min=2.9km az=15.0, Puerto Rico region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the Puerto Rico region.

ISC 13 06:33:26.2±1.4, 13.86N:121.23E, h0km, mb3.5/5,
mbmt3.5/5, Error ellipse: s-maj=56.7km s-min=25.7km
az=63.0, Mindoro

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for Mindoro.

ISC 13 06:33:51.5±1.5, 13.97N:121.41E, h0km, mb3.7/5,
mbmt3.7/5, Error ellipse: s-maj=56.7km s-min=25.7km
az=63.0, Mindoro

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for Mindoro.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for CMAR Chiang Mai Arr, SONM Songo Array, ASAR Alice Springs, MKAR Makanchi Array, and KURBB Kurchatov Arra.

RSPR 13 06:41:50.2, 17:87N-66:86W, h12km, MD2.7/11
NEIC 13 06:41:49.8-0.6, 17.83N-0.03-66.85W-0.01, h10km1km,
ML2.5/32, MD2.7/11(RSPR), 1C-4D, Error ellipse:
s-maj=5.3km s-min=2.4km az=7.0, Puerto Rico region

Main table of station data for Puerto Rico region, including stations like GBPR Guanica, Bosqu, MLPR Magueyes Islan, and various other observatories.

RSPR 13 06:47:53.9, 17:94N-66:83W, h12km, MD2.5/7
NEIC 13 06:47:53.7-0.8, 17.91N-0.03-66.82W-0.01, h10km1km,
ML2.5/32, MD2.5/7(RSPR), 5D, Error ellipse:
s-maj=4.8km s-min=2.5km az=181.0, Puerto Rico region

Main table of station data for Puerto Rico region, continuing from the previous table with stations like SJG San Juan, GPCR Guaynabo City, and others.

Table with columns: HUMP, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for Col San Antonio.

NOU 13 06:49:03.3, 36:94S-178:98W, h41km, MLv5.1/13, East of North Island, N.Z.
IDC 13 06:49:14.4-0.7, 36:68S-179:12E, h0km, mb4.5/6,
mbtmp4.57, ML4.5/1, MS4.1/30, Error ellipse:
s-maj=23.0km s-min=18.5km az=15.0

WEL 13 06:49:15.8, 36:92S-179:76E, h21km, ML4.7, Mw4.9,
Moment Tensor Solution. s9 Moment tensor: Scale 1016
Mn: Mn3.08; Mm: Mm0.32; Ml: Ml0.27; Ms: Ms0.62; Ml: Ml0.34;
Mw: 1.31. Fault plane solution: M3.27000-1016 NP1:
phi=155.00000; s37.00000; lambda=109.00000. Principal axes:
T: 3.4794, P: 74.00000, N: 2.00000. Azm230.00000; N: -0.4277.
Plg11.00000. Azm2.00000; P: -3.0517, Plg11.00000.
Azm94.00000. Stations used: MKZ HAZ WIZ URZ OPRZ
KUZ GRZ TOZ WZ REVERSE FAULTING

NEIC 13 06:49:16.0, 1.9, 37:26S-110:179.4E-0.10, h10km1km,
mb4.9/18 Error ellipse: s-maj=18.4km s-min=10.6km
az=32.0

GCMT 13 06:49:20.0, 0.3, 37:14S-10:03:179:61E-0.03, h24km1km,
MW5.0/73, Moment Tensor Solution. s26 c35; s73, c94;
Duration: 0 Moment tensor: Scale 1016N; M3.21+2.08;
MW5.0-0.67-17; Mw=2.54-18; Ms=1.77-33; Ml=1.40-25;
Ms=0.48-19; Best double couple: M3.72000-1016
NP1: phi=191.00000; s37.00000; lambda=60.00000. Principal axes:
T: 47.00000; s59.00000; lambda=111.00000. NP2:
3.8960, Plg69.00000, Azm1.00000; N: -0.3560,
Plg18.00000, Azm216.00000; P: -3.5430, Plg11.00000.
Azm122.00000; ns1a1 refers to body waves, cutoff=40s.
ns2a2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

ISC 13 06:49:15.7-2.0, 37:21S-0:06:179:49E-0.07, h10km11km,
n245, e02/218, mb4.8/18, MS4.2/30, 3C, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for MXZ Matakaoa Point, WNGZ Waiomatatini S, and others.

Main table of station data for New Zealand region, including stations like PKGZ Pakihoro, HAZ Te Kaha, and others.

URZ Urewera 1.94nm, 0.3s, baz=238, slow=0.2, SNR=932
URZ Urewera 1.94nm, 0.3s, baz=326, slow=23, SNR=4.6

Main table of station data for New Zealand region, continuing with stations like URZ Urewera, URZ Urewera, and others.

Main table of station data for various other regions, including stations like PKVZ Pokaka, AWAZ Awahitu Peninsula, and others.

ISC 13 07:04:46.5:1.1, 41.32N, 0.02-22.28E, h10km, 10km, n27, c101/51, 8C-3D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists stations like Valandovo, KKB Krupnik, BOSS Bosilegrad, etc.

IDC 13 07:06:42.9:1.2, 13.86N, 121.22E, h0km, mb3.8/6, mbtmp3.9/6, MS3.5/4, Error ellipse: s-maj=58.9km s-min=19.3km az=63.0

NEIC 13 07:06:43.7:0.5, 13.8N, 0.1:121.3E:0.2, h10km, 2km, mb4.4/14, Error ellipse: s-maj=29.3km s-min=19.8km az=71.0

ISC 13 07:06:43.3:0.8, 13.8N, 0.1:121.3E:0.2, h10km, n26, c091/23, mb4.3/13, MS3.6/3, Mindoro

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists stations like Davao City (W), Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

GCG 13 07:07:00.6:2.8, 15.54N, 95.04W, h36km, 582km, MD5.2, ML4.8, Presumed earthquake

CATAC 13 07:07:01.4:0.6, 16.1N, 3.9W, h0km, M4.6/11, mb4.7/3, mb4.7/2, MLv4.5/11, Mw(MB)3.9/2, Error ellipse: s-maj=9.9km s-min=4.8km az=55.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mrr:0.48; Mtt:1.85; Mss:1.36; Mtr:0.32; Mts:0.53; Mts:0.60; Fault plane solution: M1: 86.07x-1015 (P) P1: 124.03x44.3; 165.56x44.9; 1168.70x60.7; N2: 218.75x44.7; 879.7306x3.0; 124.8600x6.0; Principal axes: T 1.6981, Plg29.7442; Azm83.8289; N 0.3046, Plg63.2275; Azm23.8205; P -2.0027, Plg9.5813; Azm349.3669; confirmed

MEX 13 07:07:02.0:0.8, 15.47N, 95.00W, h20km, 36km, MD4.5 NEIC 13 07:07:05.6:2.1, 15.74N, 0.05-94.86W, 0.3, h35km, 2km, mb4.2/81, Md4.4/28(MB), Error ellipse: s-maj=9.2km s-min=4.3km az=335.0

IDC 13 07:07:06.1:3.6, 15.82N, 94.63W, h52km, 28km, mb3.6/6, mbtmp3.9/8, ML3.5/2, MS3.5/2, Error ellipse: s-maj=45.7km s-min=9.0km az=44.0

ISC 13 07:06:58.6:1.5, 15.45N, 0.04-95.01W, 0.02, h7km, 10km, n168, c292/206, mb4.3/13, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists stations like Huatulco, Matias Romero, CMIG Matias Romero, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Lists stations like SLOZ Alcaldia de Sa, SLOZ Las Nubes, NUBE El Cayaco, etc.

comp=Z,3.1nm,1.2s
ESDC Sonseca Array 81.10 51 P 07 19 13.0 -2.0
comp=Z,0.6nm,0.8s,baz=274,slow=7.3,SNR=2.4
comp=Z,0.6nm,0.8s

NEIC 13 07:07:38.6-1.3, 17:91N-01:02:66.831W-0.009,
h10km,1km,mb4.2/4,ML3.9/32,MD3.7/5(RSPR),
Mw3.5/7(SLM),Error ellipse: s-maj=3.9km s-min=2.6km
az=358.0

NEIC 13 07:07:38.17:93N:66:83W,h12km,Moment Tensor
Solution. Moment tensor: Scale 10^14Nm; Mrr0.37;
Mth0.64; Mtr-1.01; Mtt0.76; Mbb1.79; Mbr0.34; Fault
plane solution: M2:16000x10^14 NP1:0s105.000000,
5.75.000000,1.20.000000, NP2:0s10.000000,8.71.000000,
1.164.000000. Principal axes: T:2.1611,Plg25.000000,
AzM328.000000; N:0.0008,Plg65.000000,AzM140.000000; P:
-2.1618,Plg3.000000,AzM237.000000

SDD 13 07:07:38.9-2.5, 17:92N-66:82W,h12km,32km,MD3.5,
ML3.6,MW3.6,Presumed earthquake
OSPL 13 07:07:38.3-0.3, 17:85N-66:83W,h10km,3km,ML3.3,
Presumed earthquake

RSPR 13 07:07:38.6, 17:93N-66:83W,h8km,MD3.6/5
ISC 13 07:07:38.8-0.9, 17:91N-0:04:66.82W-0.02, h13km±5km,
n56,+087777,19C-7D,Puerto Rico region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their associated data points.

h10km,1km,ML2.5/34,MD2.6/10(RSPR),3C-3D,Error
ellipse: s-maj=4.8km s-min=2.7km az=356.0, Puerto
Rico region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations in the Puerto Rico region.

ISC 13 07:17:12.0-0.9, 49:57N:28:51W,h0km,mb3.8/14,
mbtmp3.8/16,ML3.9/2,MS3.7/12,Error ellipse:
s-maj=28.1km s-min=15.4km az=6.0
NEIC 13 07:17:12.0-1.7, 49:59N:02:28:51W-0.2, h10km,1km,
mb4.5/28,Error ellipse: s-maj=28.6km s-min=19.2km
az=186.0

ISC 13 07:17:13.5-0.6, 49:59N:01:28:49W-0.08, h17km,n67,
+0934/48,mb4.3/26,MS3.6/11,Northern Mid-Atlantic
Ridge

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations in the Northern Mid-Atlantic Ridge region.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations.

ISC 13 07:29:53.0-1.2, 13:79N:121:13E,h0km,mb3.7/5,
mbtmp3.8/5,MS3.1/2,Error ellipse: s-maj=55.7km
s-min=8.8km az=61.0
NEIC 13 07:29:54.8-0.8, 13:9N:02:121:15E-0.10, h10km,1km,
mb4.2/12,Error ellipse: s-maj=30.5km s-min=9.5km
az=26.0

ISC 13 07:29:53.9-0.8, 13:8N:01:121:11E-0.02, h10km,n23,
+0566/21,mb4.1/11,Mindoro

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations in the Mindoro region.

ISC 13 07:41:38.5-1.0, 13:84N:121:20E,h0km,mb3.7/7,
mbtmp3.7/7,MS3.4/9,Error ellipse: s-maj=45.0km
s-min=8.1km az=49.0
ISC 13 07:41:39.9-1.2, 13:8N:02:121:11E-0.03, h10km,n15,
+0838/8,mb3.8/7,MS3.6/10,Mindoro

Table with columns: Station Name, Time, Res, and other parameters. Includes entries like WRA, SONM, ASAR, MKAR, ZALV, AAK, KURBB.

NEIC 13 08:01:17.8, 1.0, 17.99N, 0.01, 66.826W, 0.009, h10km, 1km, ML3, 3/32, MD3, 5/5(RSPR), Error ellipse:

s-maj=2.8km s-min=1.5km az=179.0, Presumed earthquake

OSPL 13 08:01:17.3, 0.4, 18.11N, 66.84W, h17km, 999km, ML2.8, Presumed earthquake

RSPR 13 08:01:17.6, 17.97N, 66.84W, h13km, MD3, 5/5, Presumed earthquake

ISC 13 08:01:15.6, 1.0, 17.95N, 0.06, 66.84W, 0.02, h26km, 5km, n36, oF53/58, 9C-4D, Puerto Rico region

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other parameters. Lists numerous stations and their associated data.

CATAC 13 08:08:02.6, 0.5, 13.13N, 3.89W, h26km, 2km, M2.9/19, ML2.9/19, Error ellipse: s-maj=6.2km s-min=3.3km az=32.1, confirmed

SNET 13 08:08:02.8, 1.4, 13.04N, 89.51W, h45km, ML3.0, Presumed earthquake

GCG 13 08:08:04.0, 0.4, 13.09N, 89.58W, h34km, 3km, MD3.8, Presumed earthquake

ISC 13 08:08:02.4, 1.8, 13.00N, 0.07, 89.51W, 0.05, h32km, 11km, n57, oF53/84, El Salvador

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other parameters. Lists stations and their associated data.

Table with columns: Station Name, Time, Res, and other parameters. Lists stations like UBDS, CEDA, CEDA, CEDA, etc.

VAO 13 08:12:34.0, 2.0, 8.26E, 07S, 70.33W, h10km, mb4.9, Presumed earthquake

SJA 13 08:12:35.3, 0.7, 26.08S, 70.82W, h52km, 8km, ML4.7, MW4.5

NEIC 13 08:12:36.9, 1.3, 26.11S, 0.010, 70.94W, 0.09, h63km, 5km, mb4.8/15, ML5.0(GZC), Error ellipse:

s-maj=11.4km s-min=1.2km az=94.0, Presumed earthquake

IDC 13 08:12:38.8, 0.5, 26.12S, 70.42W, h66km, 4km, mb4.1/7, mbmp4.3/10, MS3.6/13, Error ellipse: s-maj=19.1km s-min=15.4km az=101.0

GUC 13 08:12:39.3, 0.6, 26.24S, 70.61W, h56km, 4km, ML5.0, Presumed earthquake

ISC 13 08:12:37.1, 0.4, 26.12S, 0.03, 70.74W, 0.05, h69km, 3km, h69km, P-P, n151, i195/170, mb4.7/8, 1C-3D, Near coast of northern Chile

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other parameters. Lists numerous stations and their associated data.

Main table with columns: Station Name, Time, Res, and other parameters. Lists numerous stations and their associated data.

RAR	Rarotonga	80.11 251	LR	LR	08 51 05.6
TSUM	Tsueb	80.33 107	LR	LR	08 57 47.0
TSUM	Tsueb	80.30 107	P	P	08 24 42.1 +0.6
TSUM	Tsueb	80.33 107	P	P	08 25 00.7 +0.2
TSUM	Tsueb	80.33 107	P	P	08 25 07.7 -0.3
TORD	Torodi Ar. Bea	80.49 70	P	P	08 24 43.1 +1.0
TORD	Torodi Ar. Bea	80.49 70	P	P	08 25 00.3 -0.7
LBTB	Lobatse	84.61 115	LR	LR	08 59 05.7
ESDC	Sonsec Array	90.28 45	LR	LR	09 06 14.8
LSZ	Lusaka	91.15 108	LR	LR	09 04 53.0
ASAR	Alice Springs	125.06 206	PKiKP	PKiKP	08 31 31.3 +0.6
ASAR	Alice Springs	125.06 206	PKiKP	PKiKP	08 31 50.6 +0.6
H1S2	WAKE ISLAND	Hy26.66 274	T	T	10 51 19.4
H1S1	WAKE ISLAND	Hy26.67 274	T	T	10 51 17.6
H1S3	WAKE ISLAND	Hy26.68 274	T	T	10 51 18.1
H1N3	WAKE ISLAND	Hy26.87 276	T	T	10 51 30.2
H1N1	WAKE ISLAND	Hy26.89 276	T	T	10 51 35.1
H1N2	WAKE ISLAND	Hy26.89 276	T	T	10 51 32.3
WRA	Warramunga Arr	128.14 210	PKP	PKP	08 31 36.9 +0.7
BVAR	Borovy Array	140.51 37	PKP	PKP	08 32 19.4 +1.4
KURBB	Kurchatov Arra	146.08 36	PKiKP	PKiKP	08 32 11.1 -1.2
KURBB	Kurchatov Arra	146.08 36	PKiKP	PKiKP	08 32 29.8 +0.5
ZALV	Zalesovo Beam	146.82 27	PKP	PKP	08 32 11.6 +0.4
ZALV	Zalesovo Beam	146.82 27	PKP	PKP	08 32 30.3 -0.4
MKAR	Makanchi Array	150.30 39	PKiKP	PKiKP	08 32 22.1 +0.9
MKAR	Makanchi Array	150.30 39	PKiKP	PKiKP	08 32 40.9 +0.8
WMQ	Urumqi	155.14 39	PKP	PKP	08 32 22.1 -0.3
WMQ	Urumqi	155.14 39	PKP	PKP	08 32 35.8 -6.4
HMC	Hu-ho-hao-te	165.18 353	PKP	PKP	08 32 26.8 -6.9
NJ2	Nanjing	169.73 307	PKP	PKP	08 32 35.8 -1.3
NJ2	Nanjing	169.73 307	PKP	PKP	08 32 35.8 -1.3
PZH	PanZhiHua	173.25 85	PKP	PKP	08 32 36.8 -2.4

MKAKN	Makanchi Array	46.08 323	LR	LR	08 51 35.8
YAK	Yakutsk	48.47 5	LR	LR	08 54 42.6
KURBB	Kurchatov Arra	50.22 326	P	P	08 33 47.9 +1.2
KURK	Kurchatov	50.22 326	P	P	08 33 47.0 +0.4
KBL	Kabul	51.09 303	P	P	08 33 54.6 +0.8
KK31	Karatay Array	52.09 314	IAMB	IAMB	08 34 00.9 -0.0
KK31	Karatay Array	52.09 314	IAMB	IAMB	08 34 04.6
KKAR	Karatay Array	52.09 314	P	P	08 34 01.9 +1.0
BVAR	Borovy Array	55.81 326	P	P	08 34 30.2 +2.3
BORK	Borovy	55.85 326	IAMB	IAMB	08 34 28.4 +0.2
BORK	Borovy	55.85 326	IAMB	IAMB	08 34 32.6
AB31	Akbulak array	60.81 319	P	P	08 35 03.8 +0.8
ABKAR	Akbulak array	60.81 319	P	P	08 35 03.0 +0.1
K1K5	Wolf Creek Mou	70.22 326	P	P	08 36 12.7 -1.4
BNAR	Burnt Mountain	78.97 23	P	P	08 36 53.5 -0.8
EIL	Eilat	79.92 298	LR	LR	09 18 32.5

NSK	Sanguang	1.24 306	iP	Pn	08 26 34.2 +0.6
NSK	Sanguang	1.24 306	iP	Pn	08 26 50.2 -0.3
HATJ	Hateruma jima	1.24 85	eS	Sb	08 26 34.9 -0.1
HATJ	Hateruma jima	1.24 85	eS	Sb	08 26 51.2 +0.6
SKX1	Grass Mountain	1.26 335	eS	Sb	08 26 34.5 +0.5
SKX1	Grass Mountain	1.26 335	eS	Sb	08 26 51.2 +0.6
NWF	Wu-fen Shan	1.28 332	iP	Pn	08 26 34.8 +0.6
NWF	Wu-fen Shan	1.28 332	iP	Pn	08 26 51.8 +0.1
WFSB	Wu-fen Shan	1.28 332	eS	Sb	08 26 34.9 -0.7
FULB	Fuli	1.30 235	eS	Sb	08 26 34.2 -0.1
FULB	Fuli	1.30 235	eS	Sb	08 26 51.7 +0.1
TWA	Mucha	1.30 233	eS	Sb	08 26 34.2 -0.1
CHKT	Chengkung	1.30 230	eS	Sb	08 26 35.7 -0.3
CHKT	Chengkung	1.30 230	eS	Sb	08 26 34.1 -0.3
NHHD	Xindian Distri	1.32 320	eP	Pn	08 26 49.2 -1.7
TNOU	National Taiwa	1.32 333	eP	Pn	08 26 36.2 -0.1
TNOU	National Taiwa	1.32 333	eP	Pn	08 26 35.8 +0.7
TATO	Taipei	1.35 320	Pn	Pn	08 26 36.5 -0.3
NHY	Taipei	1.36 324	eP	Pn	08 26 37.2 +0.3
SSLB	Suanglung	1.36 264	eS	Sb	08 26 36.0 +0.5
SSLB	Suanglung	1.36 264	eS	Sb	08 26 52.7 -0.3
SSLB	Suanglung	1.36 264	eS	Sb	08 26 36.2 +0.6
SSLB	Suanglung	1.36 264	eS	Sb	08 26 53.8 +0.9
SSLB	Suanglung	1.36 264	eS	Sb	08 26 36.5 +0.9
SSLB	Suanglung	1.36 264	eS	Sb	08 26 36.0 +0.5
SSLB	Suanglung	1.36 264	eS	Sb	08 26 52.6 -0.3
EHD	Haiduan	1.39 236	eS	Sb	08 26 35.5 -0.1
NFF	Wufeng Townshi	1.40 300	eS	Sb	08 26 37.0 +0.6
NFF	Wufeng Townshi	1.40 300	eS	Sb	08 26 37.1 -0.6
WCS	Beigang Elemen	1.41 275	eS	Sb	08 26 54.2 +0.8
WHP	Taichung City	1.42 284	eP	Pn	08 26 37.8 -0.2
WHP	Taichung City	1.42 284	eP	Pn	08 26 56.3 +0.5
SMLT	Sun Moon Lake	1.42 286	iP	Pn	08 26 37.0 +0.2
SMLT	Sun Moon Lake	1.42 286	iP	Pn	08 26 37.0 +0.2
KSHI	Guangxi Townshi	1.43 306	eS	Sb	08 26 55.3 +1.3
YMO1	YMO1	1.44 326	eP	Pn	08 26 38.1 -0.1
JKRS	Kuro-shima	1.45 78	eP	Pn	08 26 37.2 +0.8
JKRS	Kuro-shima	1.45 78	eP	Pn	08 26 37.9 -0.7
JKRS	Kuro-shima	1.45 78	eP	Pn	08 26 37.9
JKRS	Kuro-shima	1.45 78	eP	Pn	08 26 37.9
TYC	Yuchr	1.46 269	eS	Sb	08 26 57.0 +0.4
TYC	Yuchr	1.46 269	eS	Sb	08 26 37.5 +0.9
YMO8	YMO8	1.47 328	eS	Sb	08 26 55.2 +0.4
ZUZH	Zhuzhou	1.47 326	eP	Pn	08 26 37.3 +0.5
ZUZH	Zhuzhou	1.47 326	eP	Pn	08 26 57.6 +0.5
WHYT	Xinyi Township	1.48 261	iP	Pn	08 26 38.2 +1.2
WHYT	Xinyi Township	1.48 261	iP	Pn	08 26 56.6 +1.1
LIOB	Emei	1.49 298	iP	Pn	08 26 39.0 -1.0
LIOB	Emei	1.49 298	iP	Pn	08 26 48.4 +0.8
TWSI	Kuangyinsinshan	1.49 321	eP	Pn	08 26 38.3 -0.8
NSTT	Nanjiang	1.49 298	eP	Pn	08 26 38.8 -0.4
NSTT	Nanjiang	1.49 298	eP	Pn	08 26 58.0 +0.3
ANP	Anpu	1.50 326	eP	Pn	08 26 38.6 -0.8
ELDTW	Lidau	1.52 241	eS	Sb	08 26 37.7 +0.5
ELDTW	Lidau	1.52 241	eS	Sb	08 26 57.0 -0.4
NTST	Danshui	1.52 323	eP	Pn	08 26 39.3 -0.4
NTST	Danshui	1.52 323	eP	Pn	08 26 39.9 0.0
NCU	National Centre	1.54 312	eP	Pn	08 26 39.8 -0.3
NCU	National Centre	1.54 312	eP	Pn	08 26 39.4 -0.7
ALSH	Alishan	1.57 254	eS	Sb	08 26 39.7 +1.3
ALS	Alishan	1.57 254	eS	Sb	08 26 58.7 +0.7
SBCB	Hsinchu	1.58 303	eP	Pn	08 26 39.5 +1.2
WJS	Zhushan	1.58 266	eP	Pn	08 26 40.6 -0.2
WJS	Zhushan	1.58 266	eP	Pn	08 27 00.5 +0.1
TWQ1	Liyutan	1.59 285	eP	Pn	08 26 40.5 -0.3
TWQ1	Liyutan	1.59 285	eP	Pn	08 27 00.6 +1.6
HSN	Hsinchu	1.60 303	eP	Pn	08 26 39.4 +0.9
HSN	Hsinchu	1.60 303	eP	Pn	08 27 00.1 -0.8
JIS	Ishigaki jima	1.60 74	eP	Pn	08 26 39.4 +0.8
NWY	Sanyi	1.61 287	eP	Pn	08 26 40.9 -0.4
NWY	Sanyi	1.61 287	eP	Pn	08 27 01.6 +0.9
WNT	Mingjian	1.62 268	eP	Pn	08 26 39.1 -0.2
WNT	Mingjian	1.62 268	eP	Pn	08 27 01.8 -0.3
NMLH	Miaoili	1.63 292	eP	Pn	08 26 41.2 -0.3
NMLH	Miaoili	1.63 292	eP	Pn	08 27 01.5 -0.1
CHNS	Tsauling	1.66 258	eP	Pn	08 26 41.4 -0.7
CHNS	Tsauling	1.66 258	eP	Pn	08 27 02.4 +0.8
TTN	Taitung	1.69 226	eP	Pn	08 26 39.2 -0.5
TWBT	Beinan	1.69 229	eP	Pn	08 26 40.1 +0.3
TWBT	Beinan	1.69 229	eP	Pn	08 26 39.6 -0.2
TWBT	Beinan	1.69 229	eP	Pn	08 26 39.7 0.0
TWBT	Beinan	1.69 229	eP	Pn	08 26 59.7 -0.3
TWGT	Pinlang	1.69 229	eP	Pn	08 26 39.6 -0.2
TWGT	Pinlang	1.69 229	eP	Pn	08 26 39.9 +0.1
TWGT	Pinlang	1.69 229	eP	Pn	08 26 59.5 -1.0
PCYT	Pengchaiyu	1.71 348	eP	Pn	08 26 40.8 +0.7
STHY	Taoyuan	1.72 244	eP	Pn	08 26 41.4 +1.2
STHY	Taoyuan	1.72 244	eP	Pn	08 27 02.1 +0.1
WCHH	Zhanghua	1.74 275	eP	Pn	08 26 42.7 -0.7
WCHH	Zhanghua	1.74 275	eP	Pn	08 27 04.5 -0.3
WCH1	Changhua City	1.75 275	eP	Pn	08 26 43.0 -0.5
WCH1	Changhua City	1.75 275	eP	Pn	08 27 05.9 +0.8
WCKI	Gukeng	1.75 262	eP	Pn	08 26 42.4 +1.8
WCKI	Gukeng	1.75 262	eP	Pn	08 27 02.2 +1.4
WCKO	Fanlu	1.77 254	eP	Pn	08 26 43.2 +0.2
WCKO	Fanlu	1.77 254	eP	Pn	08 27 04.5 +2.0
WDL	Douliu City	1.77 263	eP	Pn	08 26 43.8 -0.1
WDL	Douliu City	1.77 263	eP	Pn	08 27 07.8 +2.2
WDLH	Douliu	1.77 262	eP	Pn	08 26 43.2 -0.7
WDLH	Douliu	1.77 262	eP	Pn	08 27 05.8 -0.0
TPUB	Ta-pu	1.79 249	eP	Pn	08 26 42.7 +1.5
TPUB	Ta-pu	1.79 249	eP	Pn	08 26 42.8 +1.6
TPUB	Ta-pu	1.79 249	eP	Pn	08 27 05.7 -0.6
TPUB	Ta-pu	1.79 249	eP	Pn	08 26 43.2 -1.1
TPUB	Ta-pu	1.79 249	eP	Pn	08 26 43.1 +1.9
TPUB	Ta-pu	1.79 249	eP	Pn	08 27 05.9 +1.4
JISG	Ishigakijimahi	1.81 69	eP	Pn	08 26 42.5 +1.0
JISG	Ishigakijimahi	1.81 69	eP	Pn	08 27 04.6 +1.1
WTP	Ta-pu	1.82 248	eP	Pn	08 26 43.5 +1.8
WTP	Ta-pu	1.82 248	eP	Pn	08 27 07.4 +0.1
CHNS	Minshiung	1.86 258	eP	Pn	08 26 44.5 -0.9
CHNS	Minshiung	1.86 258	eP	Pn	08 27 02.1 +0.8
WRL	Goulierin Hig	1.90 269	eP	Pn	08 26 44.8 -1.3
CHY	Chiayi	1.91 257	eP	Pn	08 26 45.3 -1.0
CHY	Chiayi	1.91 257	eP	Pn	08 27 09.1 -0.7
SGST	Jiashian	1.92 244	eP	Pn	08 26 44.5 +1.6
SGST	Jiashian	1.92 244	eP	Pn	08 27 08.9 +1.1
CHNI	Nanshi	1.92 247	eP	Pn	08 26 45.9 -0.9
CHNI	Nanshi	1.92 247	eP	Pn	08 27 09.8 -0.3
TKW	Hsiinying	1.92 250	eP	Pn	08 26 45.4 -1.2
TKW	Hsiinying	1.92 250	eP	Pn	08 27 09.2 -1.0
SNST	T				

BRLLK	Bradley Lake	3.88 348							
BRLLK			Lg	09 02 05.3	-1.3				
HOM	Homer	3.88 344	P	09 01 21.4	+0.3				
HOM	Homer	3.88 342	P	09 01 21.3	+0.3				
KAKN	Katmai Knife C	3.90 309	Pn	09 01 21.9	+0.5				
ACHA	Angle Creek He	3.97 307	Pn	09 01 22.9	+0.6				
KABU	Katmai Buttes	3.98 308	Pn	09 01 23.3	+0.8				
ANCK	Angle Creek	4.04 306	Pn	09 01 23.8	+0.5				
AGU	Augustine-Summ	4.04 328	Pn	09 01 24.1	+0.7				
SEW	Seward	4.13 359	P	09 01 23.6	-0.8				
SEW	Seward	4.13 359	P	09 01 23.4	-0.9				
SEW			S	09 02 09.9	-2.7				
P23K	Montague Islan	4.14 13	IAML	09 01 23.9	-0.7				
P23K				09 02 12.9					
P23K	comp=E,264nm,0.4s		IAML	09 02 14.7					
P23K	comp=N,275nm,0.5s		Pn	09 01 23.7	-1.0				
P23K	Montague Islan	4.14 13	P	09 01 23.7	-1.0				
P23K			S	09 02 10.1	-3.0				
PLK3	Peulik 3	4.19 297	Pn	09 01 25.5	+0.3				
PLK4	Peulik 4	4.21 296	Pn	09 01 25.8	+0.1				
PLK4	Peulik 4	4.21 296	IAML	09 02 21.1					
PLK4	comp=E,258nm,0.6s		IAML	09 02 24.3					
R17L	Mt. Peulik Vol	4.21 296	P	09 01 25.6	0.0				
R17L			S	09 02 13.6	-1.2				
P19K	Oil Pt	4.23 332	IAML	09 01 26.2	+0.3				
P19K			S	09 02 17.7	+2.4				
P19K	comp=N,356nm,0.4s		Pn	09 01 26.2	+0.3				
P19K	Oil Pt	4.23 332	P	09 01 26.2	+0.3				
PLK2	Peulik 2	4.24 298	Pn	09 01 26.4	+0.4				
CNTC	Contact Creek	4.25 305	P	09 01 26.6	+0.4				
Q17K	Contact Creek	4.25 305	P	09 01 26.6	+0.4				
PLK1	Peulik 1	4.40 297	Pn	09 01 28.5	+0.5				
PLB	Peulik Blue Cr	4.47 296	Pn	09 01 29.6	+0.5				
ILSW	Iliamna Southw	4.50 335	IAML	09 01 29.2	+0.3				
ILSW			IAML	09 02 24.4					
Q22K	Cooper Landing	4.51 357	P	09 01 29.9	+0.3				
O22K	Cooper Landing	4.51 357	P	09 01 29.2	-0.5				
SLKM	Skliak Lake	4.56 354	SLKM	09 01 29.7	-0.7				
SLKM			IAML	09 02 23.4					
SLKM	comp=N,238nm,0.5s		IAML	09 02 29.7					
HIN	Hinchinbrook I.	4.66 17	IAML	09 01 31.4	-0.4				
HIN			IAML	09 02 27.8					
HIN	comp=E,201nm,0.7s		IAML	09 02 28.8					
P18K	Big Mountain,	4.66 319	P	09 01 31.5	-0.3				
P18K			S	09 02 25.2	-0.8				
KAIM	Kayak Island	4.73 31	Pn	09 01 31.5	-1.1				
KAIM	Kayak Island	4.73 31	P	09 01 31.5	-1.1				
KAIM			S	09 02 26.1	-1.3				
RED	Redoubt Volcan	4.80 339	IAML	09 01 32.9	-0.9				
RED			IAML	09 02 32.2					
RED	comp=N,149nm,0.7s		IAML	09 02 34.0					
Q16K	King Salmon	4.81 307	P	09 01 34.1	+0.3				
R16K	Pilot Point	4.82 293	P	09 01 33.8	-0.1				
R16K			Pn	09 01 33.8	-0.1				
RDSO	Redoubt South	4.83 339	Pn	09 01 33.3	-1.0				
RDBW	Redoubt West	4.83 339	Pn	09 01 33.9	-1.0				
CAPN	Captain Cook N	4.89 349	P	09 01 35.7	+0.8				
PWL	Port Wells	4.91 6	IAML	09 01 34.7	-0.5				
PWL			IAML	09 02 30.8					
PWL	comp=E,152nm,0.6s		IAML	09 02 43.7					
PWL	Port Wells	4.91 6	Pn	09 01 34.6	-0.5				
EYAK	Cordova Ski Ar	4.94 21	IAML	09 02 32.3					
EYAK			IAML	09 02 34.3					
EYAK	comp=E,224nm,0.6s		Pn	09 01 34.8	-0.8				
EYAK	Cordova Ski Ar	4.94 21	S	09 02 30.6	-2.1				
EYAK	Cordova Ski Ar	4.94 21	P	09 01 34.7	-0.9				
EYAK			S	09 01 34.8	-0.9				
DFR	Drift River	4.95 340	Pn	09 01 34.8	-0.9				
NCT	North Crescent	4.97 339	Pn	09 01 35.2	-0.9				
O19K	Port Alsworth	4.99 330	P	09 01 35.7	-0.5				
O19K	Port Alsworth	4.99 330	P	09 01 35.7	-0.5				
O19K	comp=N,146,SNR=39		IAML	09 02 37.6					
O18K	Koktuh Hills	4.99 323	P	09 01 36.2	-0.1				
O18K			Pn	09 01 36.2	-0.1				
P17K	Kvichak River	5.01 313	P	09 01 37.1	+0.7				
SUCK	Suckling Hills	5.04 33	IAML	09 02 51.0					
SUCK			IAML	09 05 00.3					
GLI	Glacier Island	5.04 12	IAML	09 02 34.9					
GLI			IAML	09 02 37.0					
GLI	comp=N,92nm,1.0s		Pn	09 01 36.2	-0.7				
GLI	Glacier Island	5.04 12	P	09 01 36.2	-0.7				
RAGM	Ragged Mountai	5.04 27	Pn	09 01 36.1	-0.9				
RC01	Rabbit Creek A	5.12 358	IAML	09 01 37.7	-0.4				
RC01			IAML	09 02 38.3					
RC01	comp=N,124nm,0.5s		IAML	09 02 41.1					
RC01	Rabbit Creek A	5.12 358	P	09 01 37.6	-0.4				
GOAT	Goat Mountain	5.20 26	Pn	09 01 38.4	-0.7				
BGLC	Bering Glacier	5.23 35	P	09 01 38.8	-0.7				
BGLC	Bering Glacier	5.23 35	P	09 01 39.2	-0.3				
BERG	Berg Lake	5.32 32	IAML	09 02 40.8					
BERG			IAML	09 02 42.6					
BERG	comp=N,153nm,0.6s		IAML	09 02 42.6					
GRIN	Grindile Hills	5.34 34	Pn	09 01 40.3	-0.9				
SNH	Sunshine Point	5.42 37	Pn	09 01 41.1	-1.1				
SPCR	Spurr Chakacha	5.44 345	P	09 01 42.0	-0.6				
CKL	Chakachanna La	5.46 344	Pn	09 01 42.4	-0.4				
KNK	Knik Glacier	5.46 4	P	09 01 42.5	-0.2				
KNK	Knik Glacier	5.46 4	P	09 01 42.5	-0.2				
CYK	Cape Yakataga	5.47 39	Pn	09 01 41.1	-1.7				
DIV	Divide	5.47 18	Pn	09 01 42.4	-0.6				
VNSG	Veniaminof 6	5.49 275	Pn	09 01 42.5	-0.7				
KHIT	Khiatov Hills	5.49 33	Pn	09 01 42.0	-1.3				
SPCG	Spurr Capps Gl	5.50 346	Pn	09 01 43.3	-0.2				
SUGA	Susitna One	5.54 353	P	09 01 43.3	-0.7				
N19K	Bonanza Creek	5.55 333	P	09 01 43.4	-0.6				
BMRM	Bremner River	5.56 24	P	09 01 43.4	-0.8				
P16K	Nushagak River	5.59 307	P	09 01 45.0	+0.6				
PMR	Palmer	5.62 1	P	09 01 44.9	+0.0				
PMR	Palmer	5.62 1	P	09 01 44.8	-0.1				
PMR	Palmer	5.62 1	P	09 01 44.7	-2.7				
PMR	Palmer	5.62 1	P	09 01 44.7	-0.2				
O17K	Koliganek Bris	5.63 316	P	09 01 45.1	+0.1				
O17K	Koliganek Bris	5.63 316	P	09 01 45.0	0.0				

VNKR	Veniaminof 5	5.65 275	Pn	09 01 45.0	-0.3				
SPNN	North Nagishla	5.68 343	Pn	09 01 45.3	-0.5				
STLK	Strandline Lak	5.68 348	Pn	09 01 45.3	-0.5				
MESA	MESA	5.73 40	P	09 01 45.2	-1.4				
MESA		5.73 40	P	09 01 45.5	-1.1				
CRQE	Cirque	5.78 32	P	09 01 46.2	-1.0				
KLU	Klutina	5.79 16	P	09 01 47.2	-0.2				
GHO	Glory Hole Cre	5.80 2	Pn	09 01 47.5	0.0				
N18K	Kilae Creek	5.84 326	P	09 01 47.5	-0.5				
N18K	Kilae Creek	5.84 326	P	09 01 47.5	-0.5				
SML	Sawmill	5.86 5	Pn	09 01 48.3	+0.1				
SML	Sawmill	5.86 5	P	09 01 48.3	+0.1				
M23K	Glacier View	5.88 7	P	09 01 48.7	+0.2				
O16K	Kokwok River B	5.93 311	Pn	09 01 49.4	+0.3				
SCM	Sheep Creek Mo	5.95 9	Pn	09 01 49.7	+0.2				
SCM	Sheep Creek Mo	5.95 9	P	09 01 50.1	+0.6				
CHNA	Chernabura Isl	5.97 263	Pn	09 01 48.3	-1.5				
CHNA	Chernabura Isl	5.97 263	Pn	09 01 48.1	-1.7				
CHNA	Chernabura Isl	5.97 263	Pn	09 01 48.3	-1.5				
SKT	Skwentna	6.12 350	Pn	09 01 51.4	-0.3				
SKT	Skwentna	6.12 350	Pn	09 01 51.4	-0.3				
N25K	Chitina, Valde	6.14 22	P	09 01 51.6	-0.5				
N17K	Nushagak Hills	6.16 321	Pn	09 01 52.1	-0.2				
N17K	Nushagak Hills	6.16 321	Pn	09 01 52.3	-0.1				
M20K	Styx River	6.23 343	Pn	09 01 52.5	-0.8				
M20K	Styx River	6.23 343	Pn	09 01 52.6	-0.8				
MCARA	McCarthy VSAT	6.32 29	Pn	09 01 54.0	-0.5				
PCA	Pinnacle	6.32 46	P	09 0					

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URJZ Urewera, AWAZ Awitihu Peninsula, RIGZ Rihuhau, TOZ Tahuroa Road, etc.

IDC 13 09:38:16.4±1.0, 13°87'N-121°21'E, h0km, mb3.8/9, mbmp3.8/9, MS3.6/11, Error ellipse: s-maj=43.6km s-min=12.4km az=50.0

ISC 13 09:38:17.9±1.2, 13°9'N-02°12'12"E, h0km, n18, 13°09'10, mb3.8/9, MS3.5/8, Mindoro

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TGY Tagaytay City, DAV Davao City (W), SIJI Sorong, etc.

RSPR 13 09:39:26.9, 17°91'N-66°83'W, h14km, MD2.3/8, NEIC 13 09:39:26.7±1.2, 17°89'N-03°66'81"W, 0.008, h10km, 1km, ML2.5/36, MD2.3/8(RSPR), 2C-5D, Error ellipse: s-maj=4.8km s-min=2.6km az=174.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, GBPR Guanica, Bosqu, MLPR Magueyes Islan, etc.

IDC 13 09:47:53.3±1.2, 13°73'N-121°05'E, h0km, mb3.4/5, mbmp3.4/5, Error ellipse: s-maj=49.0km s-min=12.9km az=73.0, Mindoro

IDC 13 09:51:08.5±1.2, 49°22'N-01°18'86"E, h0km, n5, 05°38'7, Czech and Slovak Republics

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TGY Tagaytay City, CMAR Chiang Mai Arr, WRA Warramunga Arr, etc.

NNC 13 09:57:07.9±4.3, 36°80'N-70°99'E, h127km, 95km, mb2.9, mpv3.6, 1C-4D, Error ellipse: s-maj=39.3km s-min=35.0km az=42.0, Hindu Kush region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KK31 Karatay Array, AAK Ala-Archa, AAK Ala-Archa, etc.

IDC 13 10:01:25.9±0.6, 17°78'N-66°78'W, h0km, mb4.1/15, mbmp4.1/17, ML3.1/2, MS3.3/8, Error ellipse: s-maj=14.8km s-min=8.1km az=153.0, SDD 13 10:01:27.9±1.6, 17°90'N-66°67'W, h14km, gkm, MD2.8, ML4.1, MW4.0, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

Plg17.0000°, Azm83.0000°; P - 1.4100, Plg73.0000°, Azm254.0000°; OSPL 13 10:01:29.0±2.3, 17°91'N-66°73'W, h10km, 4km, ML3.9, Presumed earthquake

RSPR 13 10:01:29.3, 17°97'N-66°74'W, h10km, 1km, MD3.1/8, NEIC 13 10:01:29.3, 17°97'N-66°74'W, h9km, NEIC 13 10:01:29, 17°97'N-66°74'W, h10km, Moment Tensor Solution

Moment tensor: Scale 10^15Nm; Mrr-0.73; Mtt1.30; Mtt2-0.57; Mtt3-0.33; Mrr0.12; Mrr-0.66; Fault plane solution: M1:3500x10^15 Np1:300.0000°, 865.00000°, λ-45.00000°; NP2:53.00000°, 850.00000°, λ-147.00000°; Principal axes: T 1.3511, Plg5.00000°, Azm360.0000°; N - 0.0007, Plg40.0000°, Azm97.0000°; P - 1.3504, Plg49.0000°, Azm259.0000°; ISC 13 10:01:28.5±0.8, 17°89'N-04°66'72"W, h15km, 4km, n104, 01954/122, mb4.3/20, MS3.6/19, 4C-4D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, GBPR Guanica, Bosqu, OBIP Obispado Ponce, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Rio Carpintero, Santo Domingo, El Rosal, Williston, Otavalo, etc.

IDC 13 10:11:40.9; 1.1, 4.03N:121.35E, h0km, mb3.6/7, mbmp3.6/7, Error ellipse: s-maj=25.1km s-min=14.7km az=24.0

IDC 13 10:11:42.5; 1.2, 14.0N:02x121.3E:0.2, h10km, n8, 0872/8, mb3.77, Azndro

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Tagaytay City, Chiang Mai Arr, Sonm, etc.

NEIC 13 10:18:53.5; 1.0, 13.9N:0.1x120.9E:0.2, h10km, 1km, mb4.0/24, Error ellipse: s-maj=25.1km s-min=18.8km az=73.0

IDC 13 10:18:54.4; 0.6, 14.30N:120.88E, h0km, mb4.1/13, mbmp4.2/13, MS3.6/19, Error ellipse: s-maj=27.7km s-min=7.8km az=74.0

DJA 13 10:19:12.5; 2.0, 14 N:6.5x12.1E:1, h166km, 20km, M4.6/13, mb4.5/13, mb5.3/4, Mw(mb)4.8/4

IDC 13 10:18:55.4; 0.5, 14.18N:0.07x120.82E:0.09, h10km, n71, 0145/51, mb4.5/33, MS3.5/16, LD, Luzon

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Tagaytay City.

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DAV, SBU, KRAI, KAPI, CMAR, etc.

NEIC 13 10:22:30.2; 0.8, 17.94N:0.03x66.832W:0.007, h14km, 2km, ML3.0/34, Md2.8/6(RSPR), Error ellipse: s-maj=4.5km s-min=0.9km az=181.0

RSPR 13 10:22:30.6; 17.95N:66.84W, h11km, MD2.8/6, ISC 13 10:22:29.5; 1.2, 17.91N:0.05x66.83W:0.02, h18km, 4km, n38, 0843/52, 11C-1D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GBPR, OBIP, MLPR, etc.

IDC 13 10:28:34.0; 1.3, 6.19S:145.56E, h105km, 12km, mb4.3/20, mbmp4.6/25, MS3.2/4, Error ellipse: s-maj=16.6km s-min=8.6km az=68.0

Bull 13 10:28:35.0; 0.6, 05S:145.90E, h137km, mb5.0/13, mb4.9/52, NEIC 13 10:28:35.9; 1.8, 6.15S:0.05x145.56E:0.06, h117km, 6km, mb4.0/140, Error ellipse: s-maj=11.6km s-min=1.1km az=48.0

DJA 13 10:28:37.0; 0.6, 6.5S:14.6E, h135km, 6km, M4.7/24, mb4.7/24, mb5.4/5, MLV4.5/3, Mw(mb)4.8/5

ISC 13 10:28:35.7; 0.5, 6.18S:0.05x145.59E:0.06, h123km, 4km, n433, 0893/394, mb4.7/101, 1C-3D, New Guinea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PMG, BVAR, BORK, etc.

NEIC 13 10:28:35.7; 0.5, 6.18S:0.05x145.59E:0.06, h123km, 4km, n433, 0893/394, mb4.7/101, 1C-3D, New Guinea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA, WBI, NLAI.

13d 10h

Table with columns for station ID, name, coordinates, and status. Includes stations like KNRA Kununurra, EIDS Eidsvold, SANI Sanana, etc.

2020 JAN

Table with columns for station ID, name, coordinates, and status. Includes stations like SONM Songino Array, MA2 Magadan, MA2 Magadan, etc.

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Table with columns for station ID, name, coordinates, and status. Includes stations like G16K Koyuk River, O19K Port Alsworth, M18K Stoney River, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like H22K, WAT6, NRIK, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like BMAR, YUK8, D25K, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like PETK, MKAR, WRA, etc.

Additional information and notes for the stations, including coordinates and specific parameters.

13d 10h

2020 JAN

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Table with columns for station name, code, time, and position. Includes stations like VT1, ORIO, OTAO, MOQ, MCVT, GAC, TRQ, DRMQ, WYCN, J59A, SURQ, LBNH, HNH, DPO, J61A, H62A, COBO, J57A, PLVO, I62A, PEMO, PECO, G62A, CHRO, SGRQ, DELO, K62A, L61B, SFA, HRV, WVL, BINY, WES, SLBO, A11, UCCT, A54, E62A, DRCO, LMQ, LMQ.

Table with columns for station name, code, time, and position. Includes stations like LMQ, DRWO, MNNY, SADO, KSPA, MEDO, PKRO, A61, BUKO, VLD0, KIP0, PAL, A21, F64A, STCO, CPNY, M65A, CACQ, CACO, EFO, M57A, CLWO, G65A, ACTO, N58A, EMMW, MCNB, GGN, SUBO, KILO, MVL, PAOC, ERPA, SUBO, KILO, MVL, PAOC, CNQ, BATG, PAMR.

Table with columns for station name, code, time, and position. Includes stations like P57A, ICQ, N53A, O54A, MCWV, O56A, N51A, AAM, P53A, P52A, P52A, R55A, S57A, ACSO, T59A, N43A, Q52A, Q49A, Q51A, S51A, K43A, DAV, CMAR, WRA, SONM, ASAR, AAK, BISRR, PLOR, VRI, COVR, NEHR, PANC, MLR, COSR, TURR, ISR, ONER, GHRR, GHR, OZUR, TUZR, BODS, TESR, PGOR, IZVR, SCHL, SCHL, SCHL, DOPR, VARL, NEGRR, BIR, SCTR, SCTR, TATR, TATR, SULR, SULR, VLDR, VLDR, GISR, GIUR, GIUR, MTUR, CFR, AMFR, LEHL, VASR, VASR, GIRR, GIRR, BICZ, BUCI, ARR, ARR, ARR, TOPR, SGRR, TLBR, TLBR, TNR, TNR, HUMR, HUMR, TLOR, TLOR, CVA, TIRR, TIRR, ICOR, ICOR, COPA, MFR, LOT, LOT, RAZG.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like BURAR, EFOR, EFOR, VLAD, Preslentsi, SZH, Strazhitsa, etc.

WEL 13 11:25:16.3:0.8, 37.7 S, 6.18*10E, h12km, M3.4/20, ML3.4/25, MLV3.4/20, Error ellipse: s-maj=8.4km s-min=6.8km az=126.4, confirmed

NOU 13 11:25:17.6:3.0, 37.1 S, 0.1*180W, 0.1, h58km, 49km, n56, r=111/615, East of North Island

Main table listing seismic stations with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MXZ, WNGZ, PUKETI, etc.

IDC 13 11:30:18.4:5.7, 4.06S, 144.95E, h0km, mb3.4/2, mbtmp3.4/3, ML3.3/1, MS3.7/1, Error ellipse: s-maj=124.4km s-min=36.3km az=84.0, Near north coast of New Guinea

Table listing seismic stations with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR, CMAR, HILR.

IDC 13 11:32:40.3:1.2, 14.03N, 121.34E, h0km, mb3.6/6, mbtmp3.6/6, MS3.7/31, Error ellipse: s-maj=26.4km s-min=14.4km az=25.0, Luzon

Table listing seismic stations with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TGY, DAV, SIJI, KAPI, JNU, CMAR, GUMO, etc.

Table listing seismic stations with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR, PALK, CTA, MKAR, MKAR, YAK, PEEK, ATK, YAK, KURBB, BVAR, etc.

AFAD 13 11:40:48.0, 36.80N, 35.73E, h9km, 18km, ML2.6 ISK 13 11:40:48.7, 36.77N, 35.74E, h10km, ML2.4/12

ISK 13 11:40:50.5, 1.0, 36.76N, 0.03, 35.74E, 0.03, h24km, 7km, n24, r=127/39, Turkey

Main table listing seismic stations with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like YURE, ASUZ, TAHT, HATA, HASA, etc.

IDC 13 11:48:49.9:1.3, 13.93N, 121.39E, h0km, mb3.7/6, mbtmp3.7/6, MS2.8/1, Error ellipse: s-maj=31.7km s-min=16.7km az=29.0

ISC 13 11:48:51.3, 13.93N, 02:121.3E, 0.2, h10km, m8, c=0567, mb3.7/6, Mindoro

Table listing seismic stations with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TGY, SIJI, CMAR, SONM, ASAR, MKAR, ZALV, KURBB, etc.

IDC 13 11:50:46.5:1.4, 14.08N, 121.35E, h0km, mb3.6/6, mbtmp3.6/6, MS3.1/6, Error ellipse: s-maj=26.7km s-min=16.7km az=177.0

ISC 13 11:50:48.0, 1.3, 14.08N, 02:121.3E, 0.2, h10km, m12, c=1027, mb3.7/6, MS3.0/4, Luzon

Table listing seismic stations with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like GUMO, KSR, PSI, SONM, ASAR, MKAR, ZALV, KURBB.

RSPR 13 12:08:16.8, 17.84N, 66.88W, h8km NEIC 13 12:08:16.0, 0.5, 17.78N, 0.04, 66.879W, 0.008, h9km, 9km, g1m, ML2.5/2, M2.6/2(RSPR), 1C-7D, Error ellipse: s-maj=5.4km s-min=0.7km az=189.0, Puerto Rico region

Main table listing seismic stations with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like GBPR, CRPR, OBIP, etc.

IDC 13 12:09:34.9:2.0, 13.88N, 121.27E, h0km, mb3.3/4, mbtmp3.3/4, Error ellipse: s-maj=77.1km s-min=13.4km az=45.0, Mindoro

Table listing seismic stations with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TGY, CMAR, WRA, ASAR, KURBB.

RSPR 13 12:13:27.1, 17.95N, 66.92W, h12km, MD2.7/11 NEIC 13 12:13:27.0, 0.4, 17.95N, 0.04, 66.920W, 0.006, h14km, 2km, ML3.4/34, MD2.7/11(RSPR), Error ellipse: s-maj=5.5km s-min=0.6km az=185.0

SDD 13 12:13:28.2:1.6, 17.98N, 66.94W, h13km, 8km, MD2.5, ML3.2, MW3.3, Presumed earthquake

ISC 13 12:13:26.5:0.9, 17.93N, 0.05, 66.90W, 0.02, h16km, 4km, n42, c=0555/63, 3C-7D, Puerto Rico region

Table listing seismic stations with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like GBPR, MLPR, CRPR, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Cabo Rojo, Las Mesas, Obispo Ponce, Cerrillos, Puerto Rico Se, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like North Greenlan, Obispo Ponce, Obispo Ponce, Obispo Ponce, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Obispo Ponce, Obispo Ponce, Obispo Ponce, Obispo Ponce, etc.

NAO 13 12:14:58.3-0.7, 79.43N-3.03E, h15km, ML2.4
DNK 13 12:14:58.6-1.7, 79.37N-3.35E, h21km, ML1.8, Presumed earthquake

CATAC 13 12:17:40.4-0.6, 13.1N-3.9W, h24km, ML3.1/7, MLV3.3/17, Error ellipse: s-maj=7.7km s-min=5.4km az=32.0, confirmed

OBIP Obispo Ponce 0.22 65 Pg 12 41 48.9 -0.1
OBIP Obispo Ponce 0.22 65 Sg 12 41 52.4 -0.2
OBIP Obispo Ponce 0.22 65 IAML 12 41 53.9

BER 13 12:14:59.5-3.2, 79.37N-3.12E, h10km, Mw3.6, ML2.9(NAO), Confirmed Earthquake

CGC 13 12:17:39.2-2.6, 13.1N-0.1W, h89.97W, h29km, ML2km, n39, o058/52, 4C, El Salvador Presumed earthquake

OBIP Obispo Ponce 0.22 65 Pg 12 41 48.9 -0.1
OBIP Obispo Ponce 0.22 65 Sg 12 41 52.4 -0.2
OBIP Obispo Ponce 0.22 65 IAML 12 41 53.9

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Kingsbay, Barentsburg, Spitsbergen, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Tagaytay City, Davao City, SNI, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Obispo Ponce, Obispo Ponce, Obispo Ponce, Obispo Ponce, etc.

SPAO Spitsbergen Ar 2.88 104 Pn P 12 15 44.4 +0.3
SPAO Spitsbergen Ar 2.88 104 Pn P 12 15 44.4 +0.3

CGC 13 12:17:39.2-2.6, 13.1N-0.1W, h89.97W, h29km, ML2km, n39, o058/52, 4C, El Salvador Presumed earthquake

OBIP Obispo Ponce 0.22 65 Pg 12 41 48.9 -0.1
OBIP Obispo Ponce 0.22 65 Sg 12 41 52.4 -0.2
OBIP Obispo Ponce 0.22 65 IAML 12 41 53.9

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Spitsbergen Ar, Hornsund, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Tagaytay City, Chiang Mai, WRA, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Obispo Ponce, Obispo Ponce, Obispo Ponce, Obispo Ponce, etc.

NOR Nord 4.03 316 Pn P 12 15 57.1 +2.9
NOR Nord 4.03 316 Pn P 12 15 57.1 +2.9

NEIC 13 12:41:43.6-0.4, 17.96N-0.03-66:820W, 0.009, h17km, ML2.3/34, MD2.7(RSPR), Error ellipse: s-maj=7.7km s-min=1.1km az=171.0

OBIP Obispo Ponce 0.22 65 Pg 12 41 48.9 -0.1
OBIP Obispo Ponce 0.22 65 Sg 12 41 52.4 -0.2
OBIP Obispo Ponce 0.22 65 IAML 12 41 53.9

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Daneborg, Nord, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Guanica, Magueyes, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Obispo Ponce, Obispo Ponce, Obispo Ponce, Obispo Ponce, etc.

NEEM North Greenlan 10.69 288 eP Pn 12 17 26.9 +1.3
NEEM North Greenlan 10.69 288 eS Pn 12 19 18.7 -6.3

OSPL 13 12:41:43.8-1.1, 17.95N-0.05-66:82W, 0.02, h18km, ML2.8, n41, o058/60, SD, Puerto Rico region Presumed earthquake

OBIP Obispo Ponce 0.22 65 Pg 12 41 48.9 -0.1
OBIP Obispo Ponce 0.22 65 Sg 12 41 52.4 -0.2
OBIP Obispo Ponce 0.22 65 IAML 12 41 53.9

OSPL 13 12:58:02.9-0.4, 17.86N-66:90W, h9km, ML3.6, Presumed earthquake
NEIC 13 12:58:02.6-1.1, 17.89N-0.02-66:899W, 0.009, h10km, ML3.9/36, ML3.5/3(RSPR), Mw3.8/14(SLM), Error ellipse: s-maj=3.9km s-min=2.5km az=16.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for GBPR Guanica, Bosqu; MLPR Maguëyes Isian; CRPR Cabo Rojo, PR; etc.

OSPL 13 13:19:32.0, 4.18, 13N:67.00W, h12km, 39km, ML1.9, Presumed earthquake

RSPR 13 13:19:32.8, 17.97N:66.97W, h6km NEIC 13 13:19:33.1, 17.97N:0.02:66.962W:0.008, h3km, 7km, ML2.5/30, ML3.3(RSPR), Error ellipse: s-maj=3.6km s-min=1.0km az=183.0

ISC 13 13:19:33.1, 17.97N:0.06:66.96W:0.02, h7km, 7km, n29, c064/38, 6C-2D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for GBPR Guanica, Bosqu; MLPR Maguëyes Isian; CRPR Cabo Rojo, PR; etc.

ATH 13 13:31:22.9, 40.41N:171E, h12km, 1km, ML2.6/12, Manual Solution by D.Makar's First Location: 2020/01/13 13:32:36, This location: 2020/01/13 14:28:07 ML

SKO 13 13:31:24.0, 40.30N:21.75E, h25km, ML2.6 NAO 13 13:32:10.8, 40.32N:21.75E, h10km, MB3.3

ISC 13 13:31:23.0, 8.4034N:0.02:21.75E:0.02, h16km, 4km, n31, c082/52, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for KZN Kozani; KPRO Kipourio; PENT Pentalofo; etc.

mbmp3.6/15, ML3.5/8, Error ellipse: s-maj=9.4km s-min=6.3km az=160.0 VIE 13 13:34:16.1, 0.50:23N:18.70E, h0km, mb3.0/19, ml3.8/13, ms4.2/6, Error ellipse: s-maj=4.3km s-min=2.3km az=159.0 20 km W of Katowice Suspected Mining induced.

BGR 13 13:34:17.4, 0.3, 50:22N:18.71E, h1km, ML4.0/22, Error ellipse: s-maj=4.4km s-min=3.3km az=14.0 NEIC 13 13:34:17.2, 2.1, 50:13N:0.06:18.77E:0.09, h5km, 1km, mb4.2/5, ML3.8/13(VIE), Error ellipse: s-maj=10.7km s-min=9.3km az=19.0

MCSM 13 13:34:17.9, 0.5, 50:19E, h10km, 4km, MLV3.8 PRU 13 13:34:18.8, 50:19N:18.62E, h0km, M4.2, Felt In Usti N.orlic

ISC 13 13:34:15.5, 50:21N:0.02:18.68E:0.02, h0km, 1866, c1864/264, mb3.7/6, 14C-8D, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for RAC Raciborz; OKC Ostrava-Krasne; OKC Ostrava-Krasne; etc.

IDC 13 13:00:30.9, 1.5, 10:26N:124.25E, h0km, mb3.4/5, mbtmp3.4/5, MS3.0/1, Error ellipse: s-maj=65.6km s-min=21.5km az=61.0, Leyte

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CMAR Chiang Mai Arr; FITZ Fitzroy Cross; WRA Wararunga Arr; etc.

IDC 13 13:09:02.3, 9, 10:28N:122.68E, h0km, mb3.6/3, mbtmp3.7/3, MS3.2/2, Error ellipse: s-maj=165.8km s-min=59.2km az=149.0, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CMAR Chiang Mai Arr; CMAR Chiang Mai Arr; SONM Songoing Arr; etc.

IPEC 13 13:34:16.8, 0.1, 50:18N:18.75E, h1km, ML3.8/6, Error ellipse: s-maj=1.3km s-min=0.6km az=168.0

IDC 13 13:34:16.4, 0.6, 49:38N:18.82E, h0km, mb3.6/6,

13d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KHC, GERESS Array S, ARS, etc.

2020 JAN

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

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

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ECPR Puerto Rico Se, PRSN San Juan, and HUMP Col San Antonio.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like DAV Davao City (W), CMAR Chiang Mai Arr, and WRA Warramunga Arr.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like DSDZ La Diserade, G, DHDZ Broadband at M, and PRSN Puerto Rico Se.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like RAO Raoul Island, MXZ Matakaoa Point, and URZ Urewera.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like MRNZ Matariki Terra, DZM Mont Dzumac, and CTAO Charters Tower.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KNRA Kununurra, FITZ Fitzroy Crossi, and MAW Mawson.

RSRPR 13 14:18:34.4, 17.91N, 66.84W, h10km, MD2.5/7, NEIC 13 14:18:34.1-0.8, 17.89N, 0.04-66.84W, 0.01, h10km, 1km, ML2.5/36, MD2.5/7(RSPR), 6K-6D, Error ellipse: s-maj=6.8km, s-min=2.6km, az=188.0, Puerto Rico region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like GBPR Guanica, BOsq, MLPR Magueyes Island, and CRPR Cabo Rojo, PR.

IDC 13 14:22:33.8-0.9, 13.88N, 121.26E, h0km, mb3.7/9, mbmp3.8/9, MS3.1/5, Error ellipse: s-maj=30.4km, s-min=8.0km, az=39.0

NEIC 13 14:22:35.1-1.4, 13.94N, 0.07-121.22E, 0.07, h4km, 4km, mb4.4/16, Error ellipse: s-maj=13.5km, s-min=4.8km, az=223.0

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like TGY Tagaytay City, DAV Davao City (W), and CMAR Chiang Mai Arr.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SONM Songoiro Array, SONM WRA, and WRA Warramunga Arr.

IDC 13 14:23:12.2-2.2, 17.47S, 178.78W, h527km, 25km, mb15/13, mbmp4.4/14, Error ellipse: s-maj=17.5km, s-min=15.3km, az=178.0

NOU 13 14:23:13.4, 17.27S, 178.70W, h556km, ML5.5/29, Fiji Islands Region, NEIC 13 14:23:13.1-1.2, 17.55S, 0.1-178.77W, 0.1, h544km, 6km, mb4.4/41, Error ellipse: s-maj=17.3km, s-min=14.6km, az=167.0

ISC 13 14:23:13.7-0.5, 17.40S, 0.09-178.69W, 0.07, h547km, n93, r132/95, mb4.3/33, Fiji Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like LBKA Tubou, Lakemba, TAVE Taveuni, and URZ Urewera.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DZM, 24nm, 0.3s, baz=129, slow=23, SNR=14, LR, LR, 16 22 29.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DZM, 24nm, 0.3s, baz=129, slow=23, SNR=14, LR, LR, 16 22 29.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DZM, 24nm, 0.3s, baz=129, slow=23, SNR=14, LR, LR, 16 22 29.8

IDC 13 16:29:23.3±0.7, 5.71S; 154.63E, h89km, 5km, mb3.9/14, mbmp4.3/15, MS3.2/13, Error ellipse: s-maj=18.6km s-min=12.4km az=102.0

NEIC 13 16:29:24.9±1.1, 5.74S; 0.08:154.70E±0.05, h106km, 8km, mb4.4/24, Error ellipse: s-maj=12.4km s-min=2.7km az=150.0

DJA 19 16:29:24.2±9.6, 5.12S; 12.15E±1.9, h95km, 18km, M4.5/10, mb4.5/10, mB6.0/2, Mw(mB)5.6/2

ISC 13 16:29:23.0±0.6, 5.73S; 0.07:154.70E±0.08, h100km, m61, r1905/54, mb4.3/24, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DZM, 24nm, 0.3s, baz=129, slow=23, SNR=14, LR, LR, 16 22 29.8

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DZM, 24nm, 0.3s, baz=129, slow=23, SNR=14, LR, LR, 16 22 29.8

NEIC 13 16:43:26.1±0.6, 17.93N; 0.02:66.69W±0.01, h11km, 2km, ML3.2/36, ML3.5/11 (RSPR), Error ellipse: s-maj=3.6km s-min=1.3km az=159.0

RSPR 13 16:43:26.1±1.1, 17.92N; 66.69W±0.07, h7km, MD2.7/11

ISC 13 16:43:26.1±1.1, 17.93N; 0.05:66.69W±0.02, h13km, 6km, r139, r040/54, 5C-3D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, DZM, 24nm, 0.3s, baz=129, slow=23, SNR=14, LR, LR, 16 22 29.8

IDC 13 16:44:20.8±9.5, 5.96S; 14N±148.05W, h0km, mb3.1/1, mbmp2.9/3, ML2.7/2, MS3.1/1, Error ellipse: s-maj=98.8km s-min=29.9km az=67.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for Kodiak Island, Old Harbor, Shuyak Island, Middleton Island, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for H112 WAKE ISLAND, H113 WAKE ISLAND, H111 WAKE ISLAND, etc.

IDC 13 17:02:12.0, 1.7, 79N, 66:89W, h0km, mb3.4/4, mbmp3.4/4, MS3.5/1, Error ellipse: s-maj=42.5km s-min=10.6km az=168.0

NEIC 13 17:02:12.4, 0.8, 17:78N, 0:03:66:87W, 0:01, h9km, 2km, ML3.7/37, Md3.2/7(RSPR), Error ellipse: s-maj=4.0km s-min=1.7km az=190.0

RSPR 13 17:02:13.1, 17:83N, 66:86W, h6km, MD3.27, 13 17:02:13.0, 1.4, 17:80N, 0:07:66:86W, 0:02, h7km, g1km, n47, 0:57:59, mb3.5/4, 7C-4D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for GBPR Guanica, BOP Cabo Rojo, CRPR Cabo Rojo, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for RAO Matakaoa Point, MXZ Matakaoa Point, WMGZ Waioamatatini, etc.

IDC 13 17:06:30.6, 1.5, 17:97N, 66:87W, h0km, mb3.4/3, mbmp3.4/4, ML2.9/1, Error ellipse: s-maj=34.2km s-min=9.9km az=176.0

NEIC 13 17:06:30.1, 17:82N, 66:86W, h13km, Moment Tensor Solution. Moment tensor: Scale 1014Nm; Mr=4.94; Mw=3.24; Ms=2.74; M=1.09; Mw=7.50; Mw=1.64; Fault plane solution: Ms=3.20000e+10; N1=192.00000, 88.00000, -1.70000000; N2=100.00000, 88.00000, -1.00000000; Principal axes: T 9.8041, P10.0000, Azm326.0000; N -2.4614, P16.630000, Azm236.0000; P -7.3427, P12.70000, Azm56.0000;

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes entries for GLKZ Green Lake, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Guanica, Bosqu, Magueyes Islan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Las Mesas, Puerto Rico Se, Experimental S, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Prapat, Warramunga Arr, Songoing Array, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CTA, CTAO, CTAQ, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KLNI, MPM, IAGBI, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HNS, NVAR, NVAR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HNS, NVAR, NVAR, etc.

Table listing seismic stations (KIEV, AK04, AK09, etc.) with columns for station name, coordinates, and various parameters like PKP/P, PKPb, etc.

Table listing seismic events (FETA, DAVA, ESDC, KEST, TORD, TORR) with columns for event name, magnitude, location, and time.

RSRPR 13 19:31:15.9, 17.92N, 66.84W, h 13km, MD2 7/11
NEIC 13 19:31:15.6, 17.93N, 0103.66, 824W, 010.99,
h10km, 1km, ML2.9/36, MD2.7/11(RSPR), 11C-1D, Error
ellipse: s-maj=5.8km s-min=2.5km az=184.0, Puerto Rico region

Main table listing seismic stations (Code, Station Name, Azimuth, Phase ID, Time, Res) for the Puerto Rico region.

UPP 13 19:41:57.7, 0.1, 67.86N, 20.22E, h0km, ML2.5, Confirmed
Induced event
ISC 13 19:41:57.6, 1.3, 67.85N, 0.06, 20.23E, 0.04, h0km, n7,
o=28/12, Sweden

Main table listing seismic stations (Code, Station Name, Azimuth, Phase ID, Time, Res) for the Sweden region.

Table listing seismic stations (AOPR, AOPR, AOPR, etc.) with columns for station name, coordinates, and various parameters like Sg, S, etc.

BUI 13 19:53:42.5, 35.84N, 140.27E, h52km, mB4.9/26, mB4.8/72,
Ms4.1/37, Ms7.4/0.40
MOS 13 19:53:46.3, 1.0, 36.15N, 139.86E, h43km, mb5.2/57,
MS4.3/4, Error ellipse: s-maj=6.4km s-min=4.0km
az=111.2

NEIC 13 19:53:48.0, 1.7, 36.08N, 0.05, 139.92E, 0.04, h41km, 4km,
mb5.0/263, Error ellipse: s-maj=7.7km s-min=5.9km
az=218.0

IDC 13 19:53:48.5, 0.3, 36.07N, 139.75E, h48km, 8km, mb4.5/36,
mbmp4.8/40, ML4.4, MS3.9/48, Error ellipse:
s-maj=10.1km s-min=6.1km az=56.0

JMA 13 19:53:49.3, 0.1, 36.1N, 0.3, 139.9E, 0.3, h46km, MD4.8/32,
MW4.7/32, SW IBARAKI PREF
JMA FVI IV J1 at SW IBARAKI PREF

NIED 13 19:53:49.3, 36.08N, 139.88E, h46km, MW4.7, Moment
Tensor Solution, s3 Moment tensor: Scale 10^19N;
Mr1.06; Mss-0.85; Mss-0.22; Mss0.69; Mss-0.27; Mss0.72;
Fault plane solution: M1:4100x1016 NPI;
phi=260.0000; delta=0.0000; lambda=1.15.00000. NP2:
phi=03.00000; delta=0.00000; lambda=79.00000.

GCMT 13 19:53:48.0, 0.4, 36.03N, 0.03, 139.92E, 0.03, h47km, 1km,
MW4.9/65, Moment Tensor Solution, s37.c41; s65.c88;
Duration: 0 Moment tensor: Scale 10^19N; Mr2.42, 16;
Mss-2.23, 11; Mss-1.08, 11; Mss0.88, 08; Mss-0.68, 08;
Mss0.89, 07; Best double couple: Ms2.73100.01E;
NP1: phi=265.00000; delta=0.00000; lambda=110.00000. NP2:
phi=61.00000; delta=558.00000; lambda=77.00000. Principal axes: T
2.7830, P1g73.0000, Azm297.0000; N -0.1030,
P1g11.0000, Azm68.0000; P -2.6780, P1g12.0000,
Azm160.0000; nsta1 refers to surface waves, cutoffs=40s.
nsta2 refers to surface waves, body=50s. Triangular
moment-rate function

ISC 13 19:53:48.0, 0.3, 36.07N, 0.03, 139.92E, 0.03, h47km, 2km,
h47km; PP-P, n954, o=158/827, mb5.0/262, MS4.0/57,
64C-31D, Eastern Honshu

Main table listing seismic stations (Code, Station Name, Azimuth, Phase ID, Time, Res) for the Honshu region.

JOD2	ll	eS	Sn	19 54 21.2 +1.3
JFFD	Fukushimafurud	1.14 27	A	19 54 09.3
JGK	Kuni	1.15 296	A	19 54 08.9
ONAJ	Iwakimizuishiy	1.25 34	A	19 54 10.9
JYN	Shimob	1.26 243	A	19 54 10.6
JUON	Uonuma	1.33 329	A	19 54 11.6
JFNN	Fujinaka	1.33 229	A	19 54 11.7
JHTM	Izuhatsuna	1.34 214	A	19 54 11.9
JFY	Yanaizu	1.34 353	A	19 54 12.0
JIM2	Oshima 3	1.41 197	A	19 54 13.0
JNT	Takato	1.46 263	A	19 54 13.5
MJAR	Matsushiro Arr	1.46 289	Pn	19 54 11.4 -0.6
MJAR	Matsushiro Arr	1.46 289	S	19 54 26.5 -3.5
MJAR	Matsushiro Arr	1.46 289	LR	19 55 00.8
MJAR	Matsushiro Arr	1.46 289	Pn	19 54 12.1 +0.2
MAJO	Matsushiro	1.46 289	P	19 54 13.3 +1.3
MAJO	Matsushiro	1.46 289	S	19 54 32.5 +2.5
MAJO	Matsushiro	1.46 289	Pn	19 54 12.4 +0.4
MIJ9	Matsu-Tunnel	1.47 289	Pn	19 54 12.1 +0.1
JFK	Kawauchi	1.50 30	A	19 54 14.5
JNG	Nsakai	1.51 283	A	19 54 14.1
JOTO	OTAMA OYAMA	1.52 12	A	19 54 14.7
JIZS	Izushimoda	1.60 213	A	19 54 15.6
JTHY	Toshimagaoshi	1.63 199	A	19 54 16.2
SHZ3	Shizuoka 3	1.72 235	A	19 54 17.2
JJN	Nakama	1.75 307	A	19 54 17.6
JJZZ	Izumozaki	1.75 327	A	19 54 17.7
JMS	Sasagawa	1.81 345	A	19 54 18.7
JNST	Minamisomatoc	1.82 25	A	19 54 19.1
JNY	Yasuok	1.82 248	A	19 54 18.6
JSKK	Shikinejimak	1.87 299	A	19 54 19.0
JYAR	Yonezawaaracadi	1.85 5	A	19 54 19.3
JMM	Marumori	1.92 21	A	19 54 20.5
JSG	Sagara	1.99 226	Pn	19 54 21.4 +2.3
JSG	Sagara	1.99 226	P	19 54 21.3 +2.2
JSG	Sagara	1.99 226	S	19 54 43.2 +0.4
JSG	Sagara	1.99 226	A	19 54 21.1
JKKS	Kakegawashinom	2.06 231	A	19 54 22.1
JGF	Kuroka	2.14 258	Pn	19 54 23.6 +2.4
JGF	Kuroka	2.14 258	P	19 54 23.9 +2.7
JGF	Kuroka	2.14 258	S	19 54 50.1 +3.5
JGF	Kuroka	2.14 258	A	19 54 23.1
JYS	Shirataka	2.15 3	A	19 54 23.7
JTT	Ttaley	2.16 285	A	19 54 23.4
HMMU	Hamamatsut 2	2.17 237	A	19 54 23.6
JMKM	Mikurumantsh	2.19 187	A	19 54 24.3
JAO	Obara	2.31 250	A	19 54 25.7
JOU	Okura	2.32 14	A	19 54 26.8
JSD	Sado	2.37 326	Pn	19 54 25.0 +0.7
JSD	Sado	2.37 326	P	19 54 25.1 +0.7
JYU	Inuyama	2.47 254	Pn	19 54 27.0 +1.2
INU	Inuyama	2.47 254	P	19 54 28.0 +2.2
JNY	Atsumi	2.52 356	A	19 54 28.9
JICN	Ichinomiya	2.62 254	A	19 54 30.0
JOFO	Osakifurukawac	2.65 17	A	19 54 30.8
JAA	Atsumi	2.69 239	A	19 54 31.0
JHH	Hachiojima 2	2.95 182	Pn	19 54 33.1 +0.8
JHU	Hachiojima 2	2.95 182	S	19 55 06.9 +0.4
JHU	Mitsune	2.95 182	Pn	19 54 33.1 +0.8
JHU2	Mitsune	2.95 182	P	19 54 33.0 +0.6
JHU2	Mitsune	2.95 182	S	19 55 06.7 +0.1
OFUJ	Ofunato	3.31 24	A	19 54 40.3
JRG	Rokujo	3.47 4	A	19 54 41.0
JYW	Yuwa	3.47 4	A	19 54 42.4
JSZI	Iwateshizukuis	3.75 12	A	19 54 46.4
JOG3	Oga3	3.90 50	A	19 54 47.6
JRM	Monobe	5.45 247	Pn	19 55 07.9 +0.6
JMN	Ermo	6.45 22	P	19 55 20.7 +1.5
ERM	Ermo	6.45 22	Pn	19 55 20.6 +0.3
ERM	Ermo	6.45 22	S	19 55 20.7 +0.4
ERM	Ermo	6.45 22	S	19 56 36.4 +3.9
ERM	Ermo	6.45 22	dP	19 55 20.6 +0.3
ERM	Ermo	6.45 22	P	19 55 22.1 +1.8
JEM	Ermo	6.45 22	S	19 55 36.3 +3.6
JNU	Nakatsue	8.02 251	Pn	19 55 42.2 +0.3
JNU	Nakatsue	8.02 251	LR	19 59 09.3
JNU	Nakatsue	8.02 251	Pn	19 55 42.5 +0.6
JNU	Nakatsue	8.02 251	P	19 55 44.5 +2.6
ASAJ	Asahikawa	8.29 13	Pn	19 55 46.5 +0.9
ASAJ	Asahikawa	8.29 13	S	19 57 18.8 +0.9
ASAJ	Asahikawa	8.29 13	LR	19 59 45.6
JKA	Kamikawa-asahi	8.29 13	Pn	19 55 45.8 +0.2
NMR	Nemuro-Hokkai	8.55 30	Pn	19 55 47.1 -2.0
JTV	Tsushima	8.74 263	Pn	19 57 16.9 -7.2
GLVR	Golovino	8.78 28	Pn	19 55 53.4 +1.6
GLVR	Golovino	8.78 28	iS	19 51 14.0 -0.3
GLVR	Golovino	8.78 28	iS	19 57 25.0 -4.8
RUSJ	Misakicho	9.00 25	eP	19 55 54.9 -0.3
RUSJ	Misakicho	9.00 25	eS	19 57 33.1 -2.0
JCJ	Chichijima	9.15 167	Pn	19 55 56.0 -1.5
JCJ	Chichijima	9.15 167	Pn	19 55 55.1 -2.3
YUK	Yuzh-Kuril'sk	9.16 28	dP	19 55 57.2 -0.2
YUK	Yuzh-Kuril'sk	9.16 28	iS	19 57 33.7 -5.4
YUK	Yuzh-Kuril'sk	9.16 28	pmax	19 57 33.7 -5.4
TEY	Ternei	9.30 345	eP	19 56 02.4 +3.0
TEY	Ternei	9.30 345	e	19 57 50.2
PSR	Posyet	9.64 316	eP	19 56 06.1 +2.1
KSRS	Korea Array	9.73 282	P	19 56 09.1 +3.9
KSRS	Korea Array	9.73 282	LR	19 59 45.2
KSAR	Wonju Array Be	9.76 282	Pn	19 56 09.0 +3.3
KSAR	Wonju Array Be	9.76 282	P	19 56 08.9 +3.0
KS19	Wonju Array Si	9.78 282	Pn	19 56 08.9 +3.0
USRK	Ussuriysk Ar.	10.13 326	P	19 56 15.8 +5.0
TJN	Taejon	10.15 275	P	19 56 11.0 -0.1

TJN	Taejon	10.15 275	P	Pn	19 56 11.0 -0.1
KUR	Kuril'sk	10.96 31	eS	Pn	19 56 21.5 -0.5
KUR	Kuril'sk	10.96 31	eP	Pn	19 58 19.1 -3.9
KUR	comp=Z,59nm,0.3s		pmax	pmax	
KUR	comp=N,120nm,0.7s		smax	smax	
KUR	comp=E,79nm,0.7s		smax	smax	
YSS	Yuzhno-Sakhal	11.08 10	eS	Pn	19 56 23.6 0.0
YSS	Yuzhno-Sakhal	11.08 10	eP	Pn	19 58 24.3 -1.7
YSS	comp=Z,30nm,0.8s		pmax	pmax	
YSS	comp=Z,100nm,3.2s		pmx	pmx	
YSS	comp=Z,600nm,15.0s		MLR	MLR	
YSS	comp=N,300nm,14.0s		MLR	MLR	
MDJ	Mudanjiang	11.61 320	P	Pn	19 56 32.1 +1.2
MDJ	Mudanjiang	11.61 320	sP	Pn	19 56 36.5 +5.6
MDJ	Mudanjiang	11.61 320	S	Pn	19 56 49.8
MDJ	Mudanjiang	11.61 320	pmx	pmx	19 58 41.4 +2.3
MDJ	comp=N,81nm,1.0s		LR	LR	
MDJ	comp=N,410nm,24.0s		LR	LR	
MDJ	comp=N,340nm,22.7s		LR	LR	
MDJ	comp=N,760nm,19.9s		LR	LR	
BNX	BinXian	13.51 319	iP	Pn	19 56 58.8 +1.9
BNX	BinXian	13.51 319	pmx	Pn	19 59 23.8 -1.6
BNX	comp=N,28nm,1.2s		pmx	pmx	
BNX	comp=N,260nm,5.6s		LR	LR	
BNX	comp=N,220nm,12.5s		LR	LR	
BNX	comp=N,400nm,11.3s		LR	LR	
BNX	comp=N,340nm,13.5s		LR	LR	
CN2	Changchun	13.51 209	P	P	19 57 02.8 -2.1
CN2	Changchun	13.51 209	PP	Pn	19 57 14.8 +1.0
CN2	Changchun	13.51 209	pmx	pmx	19 59 31.0 +5.4
CN2	comp=N,30nm,0.9s		LR	LR	
CN2	comp=N,220nm,14.0s		LR	LR	
CN2	comp=N,290nm,14.0s		LR	LR	
CN2	comp=N,290nm,14.0s		LR	LR	
CN2	comp=N,290nm,14.0s		LR	LR	
JOW	Kunigami	13.54 230	P	Pn	19 57 01.5 -3.9
JOW	Kunigami	13.54 230	LR	LR	20 02 00.8
JOW	Kunigami	13.54 230	P	Pn	19 57 00.1 +2.6
JOW	Shenyang	13.95 299	iP	Pn	19 57 00.8 -2.1
JOW	Shenyang	13.95 299	pmx	pmx	
JOW	comp=N,33nm,0.8s		pmx	pmx	
JOW	comp=N,140nm,3.9s		LR	LR	
JOW	comp=N,280nm,17.3s		LR	LR	
JOW	comp=N,490nm,17.5s		LR	LR	
JOW	comp=N,490nm,15.1s		DL2	DL2	
DL2	Dalian	14.80 286	P	S	19 57 19.4 +0.2
DL2	Dalian	14.80 286	eS	P	20 00 08.4 -5.0
DL2	Dalian	14.80 286	pmx	pmx	
DL2	comp=N,84nm,1.0s		pmx	pmx	
DL2	comp=N,390nm,5.5s		LR	LR	
DL2	comp=N,320nm,17.8s		LR	LR	
DL2	comp=N,580nm,14.6s		LR	LR	
DL2	comp=N,760nm,16.4s		LR	LR	
GRNR	Gornyy	14.91 351	iP	Pn	19 57 13.4 -2.2
GRNR	Gornyy	14.91 351	pmx	pmx	
GRNR	comp=Z,4.0nm,0.8s		MLR	MLR	
GRNR	comp=E,280nm,21.0s		MLR	MLR	
GRNR	comp=N,320nm,19.0s		MLR	MLR	
GRNR	comp=N,320nm,19.0s		MLR	MLR	
TYV	Tymovskoe	14.92 7	eP	Pn	19 57 21.0 +0.5
TYV	Tymovskoe	14.92 7	pmx	pmx	
TYV	comp=Z,60nm,0.7s		pmx	pmx	
TYV	comp=Z,200nm,3.9s		pmx	pmx	
HEH	Heihe	16.82 331	eP	Pn	19 57 38.4 -1.6
HEH	Heihe	16.82 331	pmx	pmx	
HEH	comp=Z,8.0nm,0.8s		pmx	pmx	
HEH	comp=Z,130nm,5.5s		LR	LR	
HEH	comp=Z,290nm,14.8s		LR	LR	
HEH	comp=Z,400nm,15.0s		LR	LR	
HEH	comp=Z,490nm,15.6s		LR	LR	
OKH	Okha	17.61 6	dP	Pn	19 57 42.6 -7.0
OKH	Okha	17.61 6	MLR	MLR	
OKH	comp=N,300nm,18.0s		MLR	MLR	
OKH	comp=Z,100nm,24.0s		MLR	MLR	
OKH	comp=N,300nm,20.0s		MLR	MLR	
NJ2	Nanjing	17.91 263	eP	Pn	19 57 52.4 -1.1
NJ2	Nanjing	17.91 263	pmx	pmx	
NJ2	comp=E,8.0nm,0.5s		P	P	19 57 58.6 -0.7
TIA	Tai'an	18.41 277	pmx	pmx	
TIA	Tai'an	18.41 277	pmx	pmx	
TIA	comp=E,27nm,0.8s		pmx	pmx	
TIA	comp=E,300nm,5.0s		LR	LR	
TIA	comp=E,390nm,12.6s		LR	LR	
TIA	comp=E,350nm,14.9s		LR	LR	
TIA	comp=E,540nm,14.7s		LR	LR	
BJ2	Beijing	19.10 289	P	S	19 58 07.3 +0.5
BJ2	Beijing	19.10 289	sP	P	19 58 22.0 -1.7
BJ2	Beijing	19.10 289	pmx	pmx	
BJ2	Beijing	19.10 289	pmx	pmx	
BJT	Baijiatou	19.11 289	P	P	19 58 05.5 -1.3
BJT	Baijiatou	19.11 289	P	P	19 58 07.1 +0.3
BJT	Baijiatou	19.11 289	P	P	19 58 05.5 -1.3
BJT	Baijiatou	19.11 289	pmx	pmx	
YHNB	Yeheng	19.59 240	P	Pn	19 58 14.4 +0.4
NACB	Nianganchiao	19.76 238	P	P	19 58 14.4 +0.3
ZEA	Zeya	19.76 337	eP	P	19 58 11.6 -2.2
ZEA	Zeya	19.76 337	pmx	pmx	
ZEA	comp=N,20nm,0.6s		pmx	pmx	
ZEA	comp=Z,40nm,0.6s		MLR	MLR	
ZEA	comp=E,100nm,16.0s		MLR	MLR	
ZEA	comp=N,200nm,10.0s		MLR	MLR	
ZEA	comp=Z,200nm,19.0s		MLR	MLR	
HIA	Hailar	19.77 318	P	P	19 58 10.3 -3.8
HIA	Hailar	19.77 318	P	P	19 58 10.3 -3.8
HIA	Hailar	19.77 318	pmx	pmx	
XLT	XilinHaoTe	19.83 301	eP	P	19 58 14.4 -0.4
XLT	XilinHaoTe	19.83 301	pP	P	19 58 25.6 -0.2
XLT	XilinHaoTe	19.83 301	S	P	19 58 33.3 +1.6
XLT	XilinHaoTe	19.83 301	pmx	pmx	20 01 46.8 -8.7
XLT	comp=Z,18nm,0.7s		pmx	pmx	
XLT	comp=Z,130nm,7.2s		LR	LR	
XLT	comp=Z,460nm,14.1s		LR	LR	
XLT	comp=Z,570nm,16.3s		LR	LR	

HILR	Hailar Array B	19.93 319	P	P	19 58 13.8 -2.0
HILR	Hailar Array B	19.93 319	LR	LR	20 06 35.8
HNS	Hong-Shan	20.24 281	iP	P	19 58 16.9 -2.3
HNS	Hong-Shan	20.24 281	pmx		

GT2A		pP		20 00 16.3	-3.7
GT2A		PcP		20 02 58.5	+0.3
GT2A		pmax			
comp=Z,11nm,0.9s		LR	LR		
GT2A	comp=Z,310nm,16.7s				
KNGR	Kungtung, Tuv	33.59 309	i/P	P	20 00 25.0 +1.3
KNGR			pmax		
comp=Z,8.0nm,0.9s					
KA2	Kumming	33.61 262	P	P	20 00 23.3 -1.0
KM12			pmax		
comp=Z,17nm,1.2s			LR	LR	
KM12			LR	LR	
comp=Z,160nm,15.6s			LR	LR	
KM12			LR	LR	
comp=Z,260nm,19.7s					
comp=Z,280nm,17.3s					
PZH	PanZhiHua	33.81 265	P	P	20 00 24.6 -1.3
PZH			S	S	20 05 47.0 +0.2
comp=Z,20nm,0.6s			pmax	pmax	
PZH			LR	LR	
comp=Z,90nm,5.4s			LR	LR	
PZH			LR	LR	
comp=Z,160nm,17.1s			LR	LR	
PZH			LR	LR	
comp=Z,190nm,16.2s			LR	LR	
comp=Z,240nm,17.4s					
BILL	Biilbino	35.29 17d	i/P	P	20 00 38.2 +0.2
BILL			pmax		
comp=Z,8.0nm,0.9s					
BILL	Biilbino	35.29 17	P	P	20 00 37.9 -0.1
BILL			pP	pP	20 00 50.4 0.0
TIXI	Tiksi	36.11 354	LR	LR	20 16 41.3
TIXI			pP	pP	
comp=Z,116nm,18.4s					
TIXI					
comp=Z,12nm,0.7s			pmax	pmax	
TIXI	Tiksi	36.11 354	P	P	20 00 44.3 -0.7
GOMU	GeErMu	36.18 284	P	P	20 00 46.1 -0.4
GOMU			PcP	PcP	20 03 11.3 +0.1
comp=Z,11nm,0.6s			pmax	pmax	
TNCH	TengChong	37.07 264	P	P	20 00 53.0 -0.9
TNCH			pP	pP	20 01 07.0 +0.6
comp=Z,33nm,1.1s					
SWI	Sorong	37.62 194	P	P	20 00 58.6 +0.2
comp=Z,18nm,0.7s					
SIJ	Sorong	37.63 194	P	P	20 00 58.2 -0.2
comp=Z,10nm,0.5s					
SIJ	Sorong	37.63 194	P	P	20 00 58.0 -0.4
comp=Z,14nm,0.7s					
GTOI	Gorontalo	38.60 208	P	P	20 01 04.6 -2.0
comp=Z,15nm,1.4s					
PO8K	Saint George I	39.36 42	P	P	20 01 13.4 +0.9
FAKI	Fak Fak	39.45 192	I/Amb	I/Amb	20 01 13.0 -0.7
FAKI					20 01 18.6
comp=Z,54nm,1.4s					
FAKI	Fak Fak	39.45 192	P	P	20 01 13.9 +0.2
FAKI	Fak Fak	39.45 192	P	P	20 01 13.7 0.0
comp=Z,29nm,1.7s					
CHTO	Chiang Mai	39.89 256	P	P	20 01 16.7 -0.7
CHTO	Chiang Mai	39.89 256	P	P	20 01 16.7 -0.7
comp=Z,3.0nm,1.1s					
CHTO	Chiang Mai	39.89 256	P	P	20 01 16.6 -0.9
CHTO	Chiang Mai	39.89 256	P	P	20 01 15.4 -2.0
DGZ	Jazzart, Alta	39.99 307	eP	eP	20 01 18.9 +0.7
DGZ			pmax	pmax	
comp=Z,64nm,0.6s					
CMAR	Chiang Mai Arr	40.09 255	P	P	20 01 17.9 -1.2
comp=Z,0.9nm,0.3s					
comp=Z,0.9nm,0.3s					
SANI	Sanana	40.09 202	P	P	20 01 17.4 -1.7
SANI	Sanana	40.09 202	P	P	20 01 17.1 -2.0
comp=Z,24nm,0.5s					
WMQ	Urumqi	40.21 298	eP	eP	20 01 22.4 +2.5
WMQ			sP	sP	20 01 40.8 +2.8
comp=Z,19nm,0.7s			pmax	pmax	
WMQ					
comp=Z,440nm,6.1s			pmax	pmax	
LUWI	Luwuk	40.23 207	P	P	20 01 19.0 -1.2
comp=Z,31nm,0.9s					
KRAI	Karang Ratu	40.64 198	P	P	20 01 25.0 +1.4
UNV	Unalaska Valle	40.78 47	P	P	20 01 23.9 -0.4
comp=Z,26nm,1.1s					
MORE	Moreh	40.84 266	P	P	20 01 23.1 -2.2
MORE			I/Amb	I/Amb	
comp=Z,5.7nm,0.6s					
AAI	Ambon	41.05 198	P	P	20 01 25.6 -1.3
comp=Z,52nm,1.1s					
LSA	Lhasa	41.10 276	P	P	20 01 27.7 -0.3
LSA			I/Amb	I/Amb	20 01 29.8
comp=Z,20nm,0.8s					
LSA	Lhasa	41.10 276	P	P	20 01 24.1 -3.8
LSA			pmax	pmax	
comp=Z,25nm,0.9s					
LSA	Lhasa	41.10 276	P	P	20 01 27.7 -0.3
LSA			pmax	pmax	
comp=Z,20nm,0.8s					
LSA	Lhasa	41.10 276	P	P	20 01 27.6 -0.3
LSA			pP	pP	20 01 37.2 -3.3
BNDI	Bandanaira	41.46 195	P	P	20 01 29.5 -0.8
ZAAO	Zalesovo Array	41.69 313	P	P	20 01 31.6 -0.2
ZAAO	Zalesovo Beam	41.69 313	P	P	20 01 31.2 -0.6
comp=Z,56nm,0.6s					
ZALV			PcP	PcP	20 03 27.3 -0.5
comp=Z,8.0nm,0.5s			ScP	ScP	20 07 12.7 -1.3
ZALV			LR	LR	20 18 51.3
comp=Z,136nm,18.9s					
comp=Z,56nm,0.6s					
ZALV	Zalesovo Beam	41.69 313	P	P	20 01 31.5 -0.3
ZALV			PcP	PcP	20 03 27.2 -0.5
M11K	Mekoryuk	41.75 37	P	P	20 01 32.4 +0.2
comp=Z,259					
ZSN	Zaisan	41.80 303	eP	eP	20 01 32.7 -0.2
ZSN	Zaisan	41.80 303	eP	eP	20 01 32.8 -0.2
TNA	Tin City	42.28 29	P	P	20 01 36.5 0.0
TNA	Tin City	42.28 29	P	P	20 01 37.9 +1.4
comp=Z,252					
K13K	Kusilvak Mount	42.78 35	P	P	20 01 42.5 +1.9
comp=Z,259					
F14K	Arctic Creek	42.89 30	P	P	20 01 43.4 +2.0
comp=Z,254,SNR=5.3					
ANM	Nome	43.04 31	P	P	20 01 43.7 +1.0
ANM	Nome	43.04 31	P	P	20 01 43.7 +1.0
comp=Z,7.0nm,0.7s					
ANM	Nome	43.04 31	P	P	20 01 44.6 +1.9
comp=Z,256,SNR=5.4					
M13K	Dall Lake	43.16 37	P	P	20 01 46.2 +2.6
M13K	Dall Lake	43.16 37	P	P	20 01 45.6 +2.0
comp=Z,262					
J14K	Nanvaranak Lak	43.44 34	P	P	20 01 48.1 +2.2
J14K	Nanvaranak Lak	43.44 34	P	P	20 01 47.7 +1.8
comp=Z,259					
L14K	Kuka Creek	43.61 36	P	P	20 01 49.7 +2.4
L14K	Kuka Creek	43.61 36	P	P	20 01 49.3 +2.0
comp=Z,262					
MK31	Makanchi Array	43.62 303	i/P	P	20 01 47.3 -0.4
MKAR	Makanchi Array	43.62 303	P	P	20 01 47.4 -0.3
comp=Z,15nm,0.6s					
MKAR			PcP	PcP	20 03 34.3 -0.1
comp=Z,2.6nm,0.8s			ScP	ScP	20 07 21.2 -0.8
MKAR			LR	LR	20 02 27.5
comp=Z,166nm,18.8s					
comp=Z,15nm,0.6s					
MKAR	Makanchi Array	43.62 303	P	P	20 01 47.8 +0.1
F15K	North Star Dit	43.62 30	P	P	20 01 49.6 +2.2
comp=Z,255					
NR1K	Noril'sk	43.65 336	P	P	20 01 47.1 -0.4
comp=Z,9.7nm,0.5s					
NR1K			PcP	PcP	20 03 34.2 +0.3
comp=Z,11nm,0.9s					
NR1K			LR	LR	20 21 28.4

NR1K	Noril'sk	43.65 336	I/Amb	I/Amb	20 01 47.1 -0.4
NR1K					20 01 48.1
comp=Z,22nm,1.1s					
G15K	Niukku	43.70 31	P	P	20 01 49.8 +1.8
comp=Z,257,SNR=7.6					
MA2K	Makanchi	43.83 303	I/Amb	I/Amb	20 01 49.0 -0.4
MA2K					20 01 50.3
comp=Z,37nm,1.2s					
MA2K	Makanchi	43.83 303	P	P	20 01 49.2 -0.2
MA2K	Makanchi	43.83 303	P	P	20 01 48.1 -1.4
M14K	Bethel	43.88 37	I/Amb	I/Amb	20 01 50.5 +1.0
M14K					20 01 52.8
comp=Z,19nm,0.8s					
M14K	Bethel	43.88 37	P	P	20 01 51.1 +1.6
comp=Z,263,SNR=5.9					
N14K	Kuskokwak Cree	43.92 38	P	P	20 01 51.2 +1.4
comp=Z,264					
O14K	Tigyakuiwet M	44.07 39	P	P	20 01 52.2 +1.1
comp=Z,265					
C16K	Lisburne Hills	44.09 26	I/Amb	I/Amb	20 01 53.2
comp=Z,14nm,0.7s					
C16K	Lisburne Hills	44.09 26	P	P	20 01 52.2 +1.1
comp=Z,262					
L15K	Ungalak Mounta	44.23 36	P	P	20 01 54.2 +2.0
comp=Z,262					
K15K	Wolf Creek Mou	44.29 35	P	P	20 01 54.8 +2.1
comp=Z,262					
SDPT	Sand Point	44.33 45	P	P	20 01 54.3 +1.1
comp=Z,270					
H16K	Elim	44.37 31	P	P	20 01 54.6 +1.2
comp=Z,269,SNR=6.9					
G16K	Koyuk River	44.48 30	P	P	20 01 55.4 +1.1
comp=Z,258					
M15K	Kasigluk River	44.49 37	P	P	20 01 55.6 +1.2
comp=Z,264					
SAUI	Saumi	44.56 192	P	P	20 01 56.1 +0.7
N15K	Kwethluk River	44.74 38	P	P	20 01 57.8 +1.4
comp=Z,265					
D17K	Noatak River	44.74 27	P	P	20 01 57.7 +1.4
comp=Z,255,SNR=4.1					
O15K	Unuktiuk R	44.80 39	P	P	20 01 58.3 +1.4
comp=Z,266					
CHNA	Chernabwa Isl	44.84 46	P	P	20 01 58.4 +1.1
comp=Z,271					
J16K	Anvik River	44.85 34	P	P	20 01 58.9 +1.6
comp=Z,262					
RDOG	Red Dog Mine	44.90 27	I/Amb	I/Amb	20 01 58.4 +0.8
RDOG					20 02 00.2
comp=Z,13nm,0.8s					
RDOG	Red Dog Mine	44.90 27	P	P	20 01 58.5 +0.9
comp=Z,265					
I17K	Unalakleet	44.91 33	P	P	20 01 59.3 +1.7
comp=Z,261					
C17K	DeLong Mountai	44.92 26	P	P	20 01 58.6 +0.9
comp=Z,254,SNR=12					
KAPI	Kappang	45.03 209	P	P	20 01 58.8 -0.8
comp=Z,5.2nm,0.6s					
comp=Z,5.2nm,0.6s					
KAPI			I/Amb	I/Amb	20 02 10.8
comp=Z,27nm,1.4s					
E17K	Hotham Inlet	45.06 28	P	P	20 02 00.2 +1.4
comp=Z,257,SNR=17					
F17K	Baldwin Pennin	45.14 29	P	P	20 02 01.2 +1.7
comp=Z,9.8nm,0.7s					
L16K	Owhat River	45.18 36	I/Amb	I/Amb	20 02 02.6
comp=Z,9.8nm,0.7s					
L16K	Owhat River	45.18 36	P	P	20 02 01.2 +1.4
comp=Z,254,SNR=5.1					
G17K	Kiwalik Mounta	45.20 30	P	P	20 02 01.4 +1.4
comp=Z,259					
M16K	Timber Creek	45.37 37	P	P	20 02 03.0 +1.7
comp=Z,266					
H17K	Granite Mounta	45.41 31	I/Amb	I/Amb	20 02 04.7
comp=Z,10nm,0.7s					
H17K	Granite Mounta	45.41 31	P	P	20 02 02.9 +1.3
comp=Z,261,SNR=8.9					
N16K	Nihoa Island	45.42 38	P	P	20 02 03.1 +1.3
comp=Z,266					
J17K	VABM Dome	45.55 33	I/Amb	I/Amb	20 02 06.2
comp=Z,13nm,0.8s					
J17K	VABM Dome	45.55 33	P	P	20 02 04.4 +1.6
comp=Z,263,SNR=11					
KURK	Kurchatov	45.59 309	P	P	20 02 02.9 -0.3
KURK	Kurchatov	45.59 309	P	P	20 02 03.3 +0.1
KURK					20 03 40.5
KURK	Kurchatov	45.59 309	P	P	20 02 01.5 -1.7
KURK	Kurchatov	45.59 309	P	P	20 02 05.2 +2.0
KURB	Kurchatov Arr				

13d 19h

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

2020 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKBB Malin Array Si, AKBB Malin Array Si, AKBB Malin Array Si, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like CHVC Chvalec, PFO Pinyon Flats O, RAR Rarotonga, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like MTN Manton Dam, GUMO Guam, BATI Baunata, etc.

NEIC 13 21:19:56.1±0.9, 17.90N±0.03±66.802W±0.007, h10km, 1km, ML3.3/36, MD3.1/8(RSPR), Error ellipse: s-maj=5.8km s-min=2.9km az=358.0

RSPR 13 21:19:56.6, 17.91N±66.82W, h12km, MD3.1/8, h10km, 1km, ML2.7/32, MD2.6/7(RSPR), Error ellipse: s-maj=5.5km s-min=2.1km az=1.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Islan, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like HUMP Col San Antoni, HUMP Loma Pena Alta, etc.

RSPR 13 21:24:35.6, 17.93N±66.87W, h12km, MD2.6/7, h10km, 1km, ML2.7/32, MD2.6/7(RSPR), Error ellipse: s-maj=5.5km s-min=2.1km az=1.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Islan, etc.

NEIC 13 21:30:26.8±0.7, 17.913N±0.010±67.01W±0.01, h10km, 1km, ML3.5/36, MD2.5/7(RSPR), Error ellipse: s-maj=2.9km s-min=1.9km az=345.0

RSPR 13 21:30:27.2, 17.93N±67.02W, h6km, MD3.3/9, h10km, 1km, ML3.5/36, MD2.5/7(RSPR), Error ellipse: s-maj=2.9km s-min=1.9km az=345.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like MLPR Magueyes Islan, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like ECRP Experimental S, SJG San Juan, etc.

IDC 13 21:31:54.6±0.8, 28.285N±99.02E, h0km, mb3.7/10, mbmp3.6/12, ML3.3/1, Error ellipse: s-maj=37.5km

ISC 13 21:31:56.4±0.8, 28.50N±0.09±99.1E±0.2, h10km, n12, 0.86/11, mb3.9/9, Yunnan

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

IDC 13 21:38:13.7±1.3, 13.85N±120.98E, h0km, mb3.4/6, mbmp3.4/6, MS3.3/1, Error ellipse: s-maj=58.3km s-min=21.4km az=61.0

ISC 13 21:38:14.9±1.3, 13.93N±0.2±121.1E±0.3, h10km, n8, 0.131/6, mb3.4/6, Mindoro

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like TGY Tagaytay City, CMAR Chiang Mai Arr, etc.

NEIC 13 21:43:35.0±1.3, 17.88N±0.04±66.99W±0.02, h10km, 1km, ML3.8/36, MD3.5/8(RSPR), Error ellipse: s-maj=7.2km s-min=2.3km az=18.0

RSPR 13 21:43:36.1, 17.95N±66.99W, h6km, MD3.5/8, OSPL 13 21:43:36.1±0.4, 18.09N±67.03W, h12km, 1.4km, ML3.3, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like MLPR Magueyes Islan, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include MMRI, DBNI, BSSJ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include H11S2, SONM, SONM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include PB08, PB08, PB08, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SH1, KIV, KBZ, NCK, BELG, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SONM, ULN, ULN, etc.

Table with columns: BIOC, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like San Fabin de, B004, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CHVC Chvalec, OSTC Ostas, UPC Upice, DPC Dobruska-Polom, PVCC Panska Ves, BRG Berggiesshubel, TREC Trest, KHC Kasperske Hory.

SDD 14 02:13:54.5:0.3, 17.92N:66.78W, h0km,999km, MD2.8, ML2.9, MW2.9, Presumed earthquake. NEIC 14 02:13:54.9, 17.98N:66.85W, h15km, MD2.7/5.

Main table for station 941, listing various stations like GBPR Guanica, OBIP Obispado Ponce, MLPR Magueyes Islan, CRPR Cabo Rojo, etc.

NEIC 14 02:29:01.6:1.8, 23.29S:0.04:68.77W, h0.05, h99km, 7km, mb4.27, ML4.0(GUC), Error ellipse: s-maj=6.8km s-min=5.1km az=101.0.

GUC 14 02:29:01.9:0.8, 23.28S:68.81W, h95km, 4km, ML4.0 SJA 14 02:29:01.0:0.5, 23.26S:68.81W, h95km, 6km, ML4.0, MW3.8.

IDC 14 02:29:02.5:2.5, 23.32S:68.27W, h84km, 22km, mb3.9, 1, mbmp3.9/6, Error ellipse: s-maj=43.4km s-min=20.1km az=106.0.

ISC 14 02:29:01.4:0.7, 23.27S:0.04:68.76W, h101km, 7km, n78, r140/92, 3C-5D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include AF01 San Pedro de A, PB06 IPOC Station P, PB06 IPOC Station P, PB05 IPOC Station P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB05 IPOC Station P, PB05 IPOC Station P, PB05 IPOC Station P, PB09 IPOC Station P, PB09 IPOC Station P, PB09 IPOC Station P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB07 IPOC Station P, PB07 IPOC Station P, PB07 IPOC Station P, PB07 IPOC Station P, PB07 IPOC Station P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB07 IPOC Station P, PB07 IPOC Station P, PB07 IPOC Station P, PB07 IPOC Station P, PB07 IPOC Station P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB02 IPOC Station P, PB02 IPOC Station P, PB02 IPOC Station P, PB02 IPOC Station P, PB02 IPOC Station P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB01 IPOC Station P, PB01 IPOC Station P, PB01 IPOC Station P, PB01 IPOC Station P, PB01 IPOC Station P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include SALTA PATCX Patache, TA01 Diego Aracena, PB08 IPOC Station P, PB08 IPOC Station P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB01 IPOC Station P, PB01 IPOC Station P, PB01 IPOC Station P, PB01 IPOC Station P, PB01 IPOC Station P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P.

NEIC 14 02:37:13.4:1.1, 17.90N:0.02:67.00W:0.01, h11km, 2km, ML2.7/36, MD2.6(G/RSPR), Error ellipse: s-maj=3.2km s-min=1.7km az=175.0.

SDD 14 02:37:13.0:1.6, 17.88N:67.05W, h15km, 999km, MD2.9, ML2.9, MW2.8, Presumed earthquake. RSPR 14 02:37:14.0, 17.94N:67.00W, h7km, MD2.6/6.

ISC 14 02:37:13.0:1.4, 17.89N:0.07:67.00W:0.03, h11km, 6km, n39, r52/61, 10C-9D, Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MLPR Magueyes Islan, MLPR Magueyes Islan, MLPR Magueyes Islan, MLPR Magueyes Islan, MLPR Magueyes Islan.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MLPR Magueyes Islan, MLPR Magueyes Islan, MLPR Magueyes Islan, MLPR Magueyes Islan, MLPR Magueyes Islan.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CRPR Cabo Rojo, PR, CRPR Las Mesas, CRPR Las Mesas, PRSN Puerto Rico Se, PRSN Puerto Rico Se.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se.

IDC 14 02:56:50.8:0.6, 13.99N:121.02E, h0km, mb4.2/22, mbmp4.2/23, ML4.3/1, MS3.7/2, Error ellipse: s-maj=25.2km s-min=12.4km az=71.0.

NEIC 14 02:56:53.1:2.0, 13.98N:121.00E:0.1, h10km, 1km, mb4.5/17, Error ellipse: s-maj=29.0km s-min=12.7km az=73.0.

ISC 14 02:56:52.5:0.6, 13.98N:121.00E:0.1, h10km, n47, r84/47, mb4.4/29, Mindoro

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KAPI Kappang, KAPI Kappang, KAPI Kappang, KAPI Kappang, KAPI Kappang.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include KAPI Kappang, KAPI Kappang, KAPI Kappang, KAPI Kappang, KAPI Kappang.

14d 3h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ILAR Eielson Array, ARCES ARCES Array B, BRTR Keskin Array B, etc.

IDC 14 03:58:12.6:1.1, 13.91N:121.22E, h0km, mb3.8/9, mbmp3.8/9, MS3.3/7, Error ellipse: s-maj=45.7km

NEIC 14 03:58:14.4:1.4, 14.0N:0.1:121.12E:0.2, h10km, 2km, mb4.3/12, Error ellipse: s-maj=28.4km s-min=19.8km az=80.0

ISC 14 03:58:13.9:0.8, 13.9N:0.1:121.12E:0.2, h10km, n34, o#594/28, mb4.0/14, MS3.1/4, Minderor

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DAV Davao City (W), SJUI Sorong, KAPI Kappang, CM31 Chiang Mai Arr, etc.

NNC 14 03:02:13.7:0.8, 43.60N:77.70E, h3km, 4km, mb3.0, mpv2.5, Error ellipse: s-maj=6.6km s-min=2.8km az=68.0

KRNET 14 03:02:14.4:0.1, 43.56N:77.71E, h20km, mb2.6, SOME 14 03:02:14.4, 43.60N:77.67E, h15km

ISC 14 03:02:14.1:1.0, 43.61N:0.03:77.71E:0.03, h15km, 9km, n16, o#548/32, 10C, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KURS Kuram, ARXS Arharly, ARXS Arharly, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like UZB, PRZ Przewalski, KNOS Knyvren, etc.

NEIC 14 03:04:33.2:1.2, 17.75N:0.03:66.833W:0.009, h10km, 2km, ML3.2/36, Md2.0/2(RSPR), Error ellipse: s-maj=5.9km s-min=3.0km az=3.0

SDD 14 03:04:34.0:0.6, 0.6, 17.80N:66.833W, h15km, 999km, MD3.1, ML3.1, MW3.1, Presumed earthquake

RSPR 14 03:04:35.0:17.85N:66.87W, h12km, ISC 14 03:04:33.8:1.7, 17.81N:0.06:66.85W:0.02, h18km, 4km, n38, o#43/65, 11C-BD, Puerto Rico region

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

NEIC 14 03:12:20.3:1.8, 20.6S:0.1:177.9W:0.2, h50km, 6km, mb4.2/17, Error ellipse: s-maj=22.0km s-min=19.4km az=112.0

IDC 14 03:12:22.6:2.7, 20.60S:177.97W, h538km, 77km, mb3.1/6, mbmp3.9/6, Error ellipse: s-maj=63.8km s-min=28.9km az=150.0

ISC 14 03:12:21.9:0.7, 20.6S:0.1:178.1W:0.1, h534km, n37, o#85/36, mb3.9/15, Fijil Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MSVF Nonavu, MARNC Mare, Loyalty, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SBA Scott Base, JAGI Jajag, Banyuwa, etc.

RSPR 14 03:32:28.4:17.92N:66.84W, h12km, MD2.6/10, NEIC 14 03:32:27.9:1.1, 17.89N:0.02:66.81W:0.01, h10km, 1km, ML2.6/34, Md2.6/10(RSPR), 4D, Error ellipse: s-maj=3.3km s-min=2.4km az=176.0, Puerto Rico region

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

NEIC 14 03:43:04.1:0.9, 19.5S:0.2:177.6W:0.1, h562km, 11km, mb4.4/16, Error ellipse: s-maj=23.8km s-min=17.7km az=150.0

IDC 14 03:43:08.1:1.0, 19.41S:177.93W, h606km, 136km,

mb2.9/6,mbtmp3.9/6,Error ellipse: s-maj=46.8km s-min=35.2km az=88.0

ISC 14 04:03:43.03.0.6,19.55S:01:177.7W:0.1,h550km,n30,0#94/30,mb4.0/1, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like MSVF, Nonsavu, NIUC, Niue, etc.

TAP 14 04:03:54.5,23.97N:122.59E,h25km,1km,ML3.0,D JMA 14 04:03:55.4,0.2,24°N,1°E:122.6E:0.7,h35km,MV2.0/11,NW OFF ISHIGAKIJIMA

ISC 14 04:03:54.3.1.2,23.93N:0.04:122.59E:0.02,h22km,14km,n63,0#83/101,Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like JYNG, Yonagunijimaka, YOJ, Yonaguni jima, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like ALS, Ishigakijimahi, JISG, Beinan, etc.

IDC 14 04:09:47.9.2.5,23.80N:141.89E,h52km,21km,mb3.9/21,mbtmp4.2/23,ML4.7/2,Error ellipse: s-maj=18.2km s-min=13.5km az=87.0

JMA 14 04:09:57.0.1.24:1N:0.9:14.1E:1,h160km,1km,MV5.1/8,IOTO ISLANDS REGION

NEIC 14 04:09:57.6:1.0,23.83N:0.09:141.58E:0.09,h125km,6km,mb4.5/20,Error ellipse: s-maj=15.1km s-min=10.8km az=216.0

ISC 14 04:09:59.5.0.6,24.07N:0.06:141.6E:0.1,h150km,n97,c2505/103,mb4.3/44,Volcano Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like JHH2, Haha-jima-NKT2, JHH2, Chichi jima, etc.

TAP 14 04:03:54.5,23.97N:122.59E,h25km,1km,ML3.0,D JMA 14 04:03:55.4,0.2,24°N,1°E:122.6E:0.7,h35km,MV2.0/11,NW OFF ISHIGAKIJIMA

ISC 14 04:03:54.3.1.2,23.93N:0.04:122.59E:0.02,h22km,14km,n63,0#83/101,Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like JYNG, Yonagunijimaka, YOJ, Yonaguni jima, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like I28M, Miner Creek, I28M, Old Crow, etc.

IDC 14 04:16:08.3.1.6,13.70N:121.22E,h0km,mb3.4/4,mbtmp3.5/4,Error ellipse: s-maj=60.6km s-min=27.0km az=59.0,Mindoro

ISC 14 04:23:54.9.1.1,11.62N:0.05:86.14W:0.05,h131km,7km,n57,0#57/85,7C-3D,Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like I28M, Miner Creek, I28M, Old Crow, etc.

UCR 14 04:23:54.7.1.1,11.60N:86.15W,h120km,11km,MW3.8,Assumed earthquake

CATAC 14 04:23:55.0.0.2,12°N,2.8°W:11.11km,2km,M3.7/42,MLV3.7/42,Error ellipse: s-maj=6.8km s-min=2.3km az=44.9,confirmed

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like CMAR, Chiang Mai Arr, WRA, Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like CMARA, JTS, NYURE, etc.

Table with columns: JIZZ, JNT, JMYK, JOFO, JJN, SHZ3, JYA, JNY, JKMT, JSG, JYK, JSD, JYUJ, etc. Includes station names and coordinates.

Table with columns: TYV, DL2, DL2, DL2, DL2, DL2, DL2, etc. Includes station names and coordinates.

NIED 14 04:25:49.8, 36:12N, 140:01:48E, h52km, MW4.7, Moment Tensor Solution...

JMA 14 04:25:49.8, 0.1, 36:11N, 0.3:140:09E, 0.7, h52km, 1km, MD4.9/40, MW4.7/40, E OFF IBARAKI PREF

JMA Feil JI J1 at E OFF IBARAKI PREF

NEIC 14 04:25:49.9, 36:12N, 141:01E, h60km, Moment Tensor Solution...

JDC 14 04:25:50.8, 0.1, 36:12N, 140:30E, h54km, 4km, mb4.2/29, mblmp4.5/36, MS3.8/30, Error ellipse: s-maj=11.4km

NEIC 14 04:25:51.2, 1.7, 36:14N, 0:05E, 140:94E, 0.07, h48km, 5km, mb5.1/323, Mmw4.8/10, Error ellipse: s-maj=9.8km

ISC 14 04:25:49.7, 0.3, 36:13N, 0:03E, 141:03E, 0:04, h47km, 2km, h47km: p-P, n954, r1950/852, mb5.0/263, MS3.9/33, 40C-34D, Near east coast of eastern Honshu

Main table of station data with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like JHYU, JHYU, JHYU, etc.

Main table of station data with columns: JZZ, JNT, JMYK, JOFO, JJN, SHZ3, JYA, JNY, JKMT, JSG, JYK, JSD, JYUJ, etc. Includes station names and coordinates.

Main table of station data with columns: TYV, DL2, DL2, DL2, DL2, DL2, DL2, etc. Includes station names and coordinates.

945

Table with columns: ID, Name, Time, Altitude, Direction, Status, etc. Includes entries like GTA2 Gaotai, PATS Pohnphei, KMI2 Kunming, etc.

2020 JAN

Table with columns: ID, Name, Time, Altitude, Direction, Status, etc. Includes entries like G16K Koyuk River, N15K Kwethluk River, CHNA Chernabura Isl, etc.

14d 4h

Table with columns: ID, Name, Time, Altitude, Direction, Status, etc. Includes entries like E19K Redstone River, H19K Roundabout Mou, H19K Roundabout Mou, etc.

Table with columns: WRA, Warramunga Arr, 56.12 188, P, P, 04 35 23.8 -0.7, comp=Z,4.3nm,1.6s, KBZ, Khabaz, 71.25 311, P, P, 04 37 03.7 -0.2

Table with columns: KBZ, Khabaz, 71.25 311, P, P, 04 37 03.7 -0.2, comp=Z,4.3nm,1.6s, KBZ, Khabaz, 71.25 311, P, P, 04 37 03.7 -0.2

Table with columns: NVAR, Mina Array Bea, 75.78 53, P, P, 04 37 32.9 +1.9, comp=Z,3.3nm,0.6s, NVAR, Mina Array Bea, 75.78 53, P, P, 04 37 32.9 +1.9

14d 4h

Table with columns: EKA, Eskdalmuir Ar, 83.88 340 P, P, 04 38 14.6 +0.4, etc. Includes various station names like Pomarioru Ree, BIOA, TUC, SOKA, PPT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like BALIKESIR_Sava, STEP, BKES, etc.

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DJA 14 04:41:15.3 0.2, 3'S; 2'12.8E, h10km, M4.4/13, mB5.2/1, mb4.6/2, MLV4.2/13, Mw(mB)4.6/1, NEIC 14 04:41:17.4 1.6, 3.0'S; 0.09x127.99E:0.03, h35km, 2km, mb4.4/12, Error ellipse: s-maj=14.4km s-min=4.3km az=355.0, IDC 14 04:41:20.4 2.2, 3.0'S; 128'12E, h75km, 24km, mb3.7/5, mbmp4.2/9, MS3.6/7, Error ellipse: s-maj=21.3km s-min=14.8km az=112.0, ISC 14 04:41:17.1 0.6, 3.0'S; 0.05x127.97E:0.05, h38km, n46, 0.09x242, mb4.5/6, MS3.6, Seram

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like KRAI, AAI, NLAJ, MSAI, SANI, etc.

DJA 14 04:44:14.7 0.3, 3'S; 2'12.8E, h10km, M4.2/10, mb4.7/2, MLV3.9/10, IDC 14 04:44:20.2 2.2, 3.0'S; 128'15E, h74km, 24km, mb3.4/5, mbmp3.8/9, Error ellipse: s-maj=23.6km s-min=15.5km az=120.0, ISC 14 04:44:16.7 0.8, 3.0'S; 0.06x127.99E:0.05, h38km, n18, 0.169x122, mb3.8/5, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like KRAI, AAI, NLAJ, MSAI, SANI, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like DAV, SIJI, KAPI, CM31, etc.

NOU 14 04:55:39.2, 40.63'S; 172'29E, h349km, MLV3.7/7, Off W. Coast of S. Island, N.Z. WEL 14 04:56:10.0 0.3, 4.0'S; 2'17.4E, h12km, M3.0/29, ML3.1/19, MLV3.0/29, Error ellipse: s-maj=3.8km s-min=2.3km az=73.9, confirmed, ISC 14 04:56:09.9 1.1, 40.21'S; 0.02x174.35E:0.03, h13km, 10km, n80, 0.96x91, Cook Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes stations like DUWZ, WAZ, OHWZ, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PNHZ, WTVZ, NNVZ, etc.

IDC 14 05:03:10.3z 1.6, 29.40Sx61.35E, h0km, mb4.1/4, mbtmp4.1/4, Error ellipse: s-maj=4.4km s-min=36.7km

ISC 14 05:03:11.1z 1.5, 29.3S, 02.612E, 0.4, h10km, n12, s=059.6, mb4.3/4, Southwest Indian Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H04N2, H04N1, H04N3, etc.

RSPR 14 05:12:42.3, 17.87N, 66.85W, h12km, MD2.4/4

NEIC 14 05:12:42.0z 0.5, 17.89N, 0103.6685W, 0.01, h18km, ML2.6/36, MD2.4, (RSPR), 5C-2D, Error ellipse: s-maj=4.3km s-min=1.5km az=177.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR, MLPR, OBIP, etc.

IDC 14 05:13:04.8z 3.2, 22.36Sx147.94E, h0km, mbtmp3.1/2,

ML2.9/2, Error ellipse: s-maj=70.4km s-min=61.3km az=175.0, Queensland

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

CATAC 14 05:20:17.8z 0.5, 12.1N, 2z 8.9W, h7km, 3km, M3.7/20, MLV3.7/20, Error ellipse: s-maj=6.1km s-min=3.0km

SNET 14 05:20:17.8z 0.8, 12.33N, 89.41W, h15km, 36km, ML3.4, Presumed earthquake

GCG 14 05:20:20.5z 2.2, 12.59N, 89.30W, h0km, 579km, MD4.3, Presumed earthquake

IDC 14 05:20:24.9z 2.7, 12.72N, 88.99W, h63km, 29km, mb3.5/3, mbtmp3.8/4, ML2.5/2, Error ellipse: s-maj=78.1km s-min=16.3km az=38.0

ISC 14 05:20:17.7z 1.7, 12.44N, 0.06, 89.36W, 0.04, h11km, 9km, n45, s=128/69, mb3.5/3, Off coast of Central America

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

RSPR 14 05:12:42.3, 17.87N, 66.85W, h12km, MD2.4/4

NEIC 14 05:12:42.0z 0.5, 17.89N, 0103.6685W, 0.01, h18km, ML2.6/36, MD2.4, (RSPR), 5C-2D, Error ellipse: s-maj=4.3km s-min=1.5km az=177.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JAM, MTO3, MTO3, etc.

ISU 14 05:34:54.1, 41.10N, 72.42E, h5km

SOME 14 05:34:56.1, 41.08N, 72.47E, h5km

KRNET 14 05:34:56.4, 0.1, 41.11N, 72.55E, h18km, mb2.2

NNC 14 05:34:58.9, 2.3, 41.14N, 72.44E, h0km, mb2.9, mpv2.5, Error ellipse: s-maj=20.9km s-min=7.9km az=172.0

ISC 14 05:34:55.9z 1.1, 41.08N, 0.03, 72.50E, 0.03, h7km, 11km, n16, s=67/29, 16C-2D, Kyrgyzstan

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

IDC 14 05:13:04.8z 3.2, 22.36Sx147.94E, h0km, mbtmp3.1/2,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KK31, KK31, KK31, etc.

GCG 14 05:42:43.4z 2.4, 15.71N, 93.72W, h56km, 61km, MD5.1, ML4.8, Presumed earthquake

MEX 14 05:42:44.6z 0.7, 15.69N, 93.71W, h82km, 6km, MD4.6

IDC 14 05:42:44.2z 0.9, 15.78N, 93.56W, h84km, 6km, mb3.5/7, mbtmp3.8/10, Error ellipse: s-maj=19.6km s-min=6.1km az=31.0

NEIC 14 05:42:44.7z 2.1, 15.69N, 0.05, 93.65W, 0.04, h80km, 8km, mb4.1/45, MD4.5/34(MEX), Error ellipse: s-maj=8.8km s-min=3.0km az=23.0

CATAC 14 05:42:45.2z 0.3, 16.7N, 93.94W, h66km, 4km, M4.6/23, mb4.7/7, mb5.0/5, MLV4.7/23, Mw(mb4.4/5, Error ellipse: s-maj=5.2km s-min=2.7km az=42.6, confirmed

ISC 14 05:42:44.3z 0.6, 15.69N, 0.03, 93.67W, 0.03, h86km, 5km, n174, s=197/256, mb4.1/12, Near coast of Chiapas

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

CMIG 14 05:42:45.2z 0.3, 16.7N, 93.94W, h66km, 4km, M4.6/23, mb4.7/7, mb5.0/5, MLV4.7/23, Mw(mb4.4/5, Error ellipse: s-maj=5.2km s-min=2.7km az=42.6, confirmed

ISC 14 05:42:44.3z 0.6, 15.69N, 0.03, 93.67W, 0.03, h86km, 5km, n174, s=197/256, mb4.1/12, Near coast of Chiapas

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

IDC 14 05:13:04.8z 3.2, 22.36Sx147.94E, h0km, mbtmp3.1/2,

14d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various stations like TOXPALAN, SABANCYU, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like FORT PAINE, SAMORWOOD, etc.

950

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like MOS, SKHL, JMA, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like BVAR Borovoye Array, YKA Yellowknife Ar, FINES FINESS Array B, etc.

Technical notes and coordinates for station groups. Includes IDC 14 06:33:40.64.8.41.71S:90.55W, h0km, mb3.6/6, mtbpm3.7/7, ML3.6/1, MS4.1/36, Error ellipse: s-maj=132.5km s-min=30.9km az=10.0.

ISLAND section header and introductory text.

Main table listing station data for the ISLAND region. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and other parameters. Includes stations like H03S2 Juan Fernandez, H03S1 Juan Fernandez, etc.

Table listing station data for the ALBUQUERQUE region. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and other parameters. Includes stations like ANMO Albuquerque, PFO Pinyon Flats O, CCM Cathedral Cave, etc.

ISLAND section header and introductory text.

Table listing station data for the ISLAND region. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and other parameters. Includes stations like WRA Warramunga Arr, GUMO Guam, ASAR Alice Springs, etc.

ISLAND section header and introductory text.

Table listing station data for the ISLAND region. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and other parameters. Includes stations like DAV Davao City (W), CMAR Chiang Mai Arr, SONM Songoing Array, etc.

ISLAND section header and introductory text.

Table listing station data for the ISLAND region. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and other parameters. Includes stations like MK31 Makanchi Array, MK31 1.4nm,0.3s,baz=142,slow=12,SNR=4.4, etc.

ISLAND section header and introductory text.

Table listing station data for the ISLAND region. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and other parameters. Includes stations like YUK Yuzh-Kuril'sk, YUK YUK, YUK YUK, etc.

Table listing station data for the GUAYABO region. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and other parameters. Includes stations like GLVR Guayabo, GLVR 2jnm,0.3s, 900nm,0.3s, etc.

ISLAND section header and introductory text.

ISLAND section header and introductory text.

ISLAND section header and introductory text.

Table listing station data for the GUAYABO region. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and other parameters. Includes stations like GBPR Guanica, Bosqu, GBPR Guanica, Bosqu, etc.

ISLAND section header and introductory text.

Table listing station data for the GUAYABO region. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and other parameters. Includes stations like MLPR Maqueyes Island, MLPR Maqueyes Island, etc.

ISLAND section header and introductory text.

Table listing station data for the GUAYABO region. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and other parameters. Includes stations like AOPR Arecibo Observ, AOPR Arecibo Observ, etc.

ISLAND section header and introductory text.

ISLAND section header and introductory text.

ISLAND section header and introductory text.

Table listing station data for the GUAYABO region. Columns include Code, Station Name, Azimuth, Elevation, Phase ID, Op, ISC, Time, Res, and other parameters. Includes stations like GBPR Guanica, Bosqu, GBPR Guanica, Bosqu, etc.

Table with columns: CELP, IAML, Time, Res, etc. Lists various stations and their associated data points.

Table with columns: S/JG, E/MPR, P/SB, etc. Lists stations like San Juan, Esperanza - Ma, and others with their respective data.

Table with columns: SIV, ATAH, AODB, etc. Lists stations like San Ignacio, Atahualpa, and others with their respective data.

RSPR 14 07:15:07.7, 17.95N:66.71W, h0km, 3km, MD2.4/6

NEIC 14 07:15:07.3-0.5, 17.94N:0.02:66.71W:0.01, h10km, 1km

SDD 14 07:15:07.5-0.4, 17.92N:66.66W, h0km, 990km, MD3.1

ISC 14 07:15:07.2-1.1, 17.93N:0.04:66.70W:0.02, h16km, 6km

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, etc. Lists stations like Obispo Ponce, Guanica, and others.

IDC 14 07:30:14.8-1.3, 13.92N:121.34E, h0km, mb3.5/6

NEIC 14 07:30:16.3-1.3, 13.93N:0.2:121.4E:0.3, h10km, n9

GCMT 14 07:31:24.5-0.3, 41.22S:0.03:90.29W:0.02, h10km

ISC 14 07:31:19.2-1.0, 41.8S:0.1:90.6W:0.1, h10km, n73

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, etc. Lists stations like Juan Fernandez, Paso Flores, and others.

IDC 14 07:31:23.5-0.8, 13.85N:121.05E, h0km, mb4.1/18

NEIC 14 07:31:25.7-1.4, 13.85N:0.05:121.1E:0.2, h10km, 1km

ISC 14 07:31:25.3-0.8, 13.91N:0.1:121.1E:0.1, h10km, n42

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, etc. Lists stations like Sibiu, Chiang Mai, and others.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like HUMP Col San Antoni, HUMP Col San Antoni, HUMP Isla Desecheo, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like EMPRR Isla Desecheo, EMPRR Isla Desecheo, EMPRR San Juan, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

14d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations like TWA Mucha, EWUT Wuta, ENIT Nioudou, etc.

2020 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like COHC Cochancay, OTAV Otavalo, MCRA Macar, Loja, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like SALTA, AF01 San Pedro de A, YJA Yavi, etc.

RSNC 14 10:30:51.1±0.6, 3°S 67°7'W, h0km, M3.0, mb4.0, ML2.8, Peru-Ecuador border region

SJA 14 10:41:30.4±0.7, 23°47'S 66°59'W, h230km, 6km, ML4.4, MW4.1

SIV comp=Z,36nm,19.2s,baz=241,slo=41 Pn 14 03 38.2 -1.3

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like SJG, EMPR, GCPR, HUMP, etc.

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like SALV, TXAR, MXST, etc.

Table with columns: Station, Frequency, Power, Class, and other technical details. Includes stations like BMAR, PAX, PRP, etc.

IDC 14 12:37:20.21 3, 17:82N:66:94W, h0km, mb3.6/4, mbtm3.6/5, ML2.3/1, Error ellipse: s-maj=33.5km s-min=9.8km az=168.0

PTWC 14 12:37:22.0 7, 17:80N:02:66:85W, h10km, M4.0/14 NEIC 14 12:37:22.0 7, 17:80N:02:66:85W, h10km, M4.0/14

OSPL 14 12:37:22.7 0.4, 17:78N:66:87W, h2km, ML3.7 Presumed earthquake

SDD 14 12:37:23.2 2.2, 17:81N:66:90W, h11km, 32km, MD3.7 RSPR 14 12:37:23.2 17:86N:66:87W, h10km, MD3.4/7

ISC 14 12:37:21.7 1.1, 17:79N:00:56:82W, h11km, gkm, n71, o558:89, mb3.8/5, 11C-8D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like GBRP, OBIP, MLPR, etc.

14d 13h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Cabo Rojo, PR, Cerrillos, Las Mesas, etc.

AUST 14 12:53:55.6-0.6, 31°S x 121°E, h2km, 5km, mb3.9/2, ML3.0/10, Error ellipse: s-maj=10.7km s-min=5.7km az=13.0, Western Australia

2020 JAN

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Warakurna, Giralda, Oodnadatta, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Kambalda, Balladonia, Kellerberrin, etc.

960

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like San Juan, Esperanza - Ma, etc.

JMA 14 13:19:43.6:0.1, 40.8N:0.3:141.5E:0.6, h80km, MV3.3/40, SHIMOKITA PENINSULA REG

JMA Felt J1 at SHIMOKITA PENINSULA REG. IDC 14 13:19:45.1:1.8, 40.78N:141.48E, h104km, 15km, mb3.1/9, mbmp3.5/13, Error ellipse: s-maj=19.1km s-min=13.2km

ISC 14 13:19:43.0:0.7, 40.74N:0.0:141.146E:0.07, h83km, 6km, n35, c123/40, mb3.5/9, 8D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Aomoriokkasho, JAR, JTM, etc.

ILAR Eielson Array 46.38 34 P 13 28 01.0 +0.4

YKA Yellowknife Ar 60.61 31 P 13 29 43.6 -0.9

WRA Warramunga Arr 60.73 188 P 13 29 45.4 -0.5

ASAR Alibi Springs 64.46 188 P 13 30 10.3 -0.4

NVAR Mina Array Bea 72.76 54 P 13 31 02.2 -0.4

PDAR Pinedale Array 75.06 46 P 13 31 16.3 +0.4

NOU 14 13:31:50.9, 39.32S:175.24E, h131km, MLV3.5/18, North Island, New Zealand

Table with columns: Code, Station Name, Azimuth, Phase, ISC, Time, Res. Lists seismic stations including SNVZ, TUVZ, OTVZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ISC, Time, Res. Lists seismic stations including GBPR, ASAR, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ISC, Time, Res. Lists seismic stations including ASAR, ASAR, ASAR, etc.

OSPL 14 13:38:09.0-0.5, 17.76N-66.87W, h2km-999km, ML2.7, Presumed earthquake
NEIC 14 13:38:09.5-1.0, 17.85N-0.03-66.873W: 0.009, s-maj=5.2km, s-min=2.5km, az=2.0

IDC 14 13:45:23.0-1.0, 30.03-53S: 177.51W, h0km, mb4.2/3, mbtmp4.2/4, ML3.6/1, Error ellipse: s-maj=33.6km, s-min=20.1km, az=97.0

IDC 14 14:02:17.9-1.3, 17.95N-66.89W, h0km, mb3.5/7, mbtmp3.6/8, ML2.9/1, MS3.4/2, Error ellipse: s-maj=34.9km, s-min=9.3km, az=176.0

Mw3.8/16(SLM), Error ellipse: s-maj=4.8km s-min=2.6km az=5.0

OSPL 14 14:02:19.4, 0.6, 17.90N; 66.87W, h14km, 7m, ML3.5, Presumed earthquake

RSPL 14 14:02:19.5, 17.94N; 66.87W, h10km, MD3.4/8

ISC 14 14:02:19.2, 0.8, 17.91N; 0.04; 66.85W; 0.02, h12km, 5km, n68, c073/82, mb3.57, 9C-2D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the 14d 14h event.

ML3.4, MW3.6, Presumed earthquake NEIC 14 14:09:19.2, 1.2, 17.81N; 0.03; 66.86W; 0.1, h10km, 1km, ML3.5/38, MD3.3/6(RSPR), Error ellipse: s-maj=5.0km s-min=2.8km az=7.0

ISC 14 14:09:19.3, 1.1, 17.85N; 0.05; 66.85W; 0.02, h17km, 6km, n46, c040/71, 8C-9D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the 14:09:19.3 event.

moment-rate function ISC 14 14:33:26.9, 0.4, 82.49N; 0.06; 57.3W; 0.04, h10km, n165, c206/129, mb4.240, MS3.8/54, 3C-1D, North of Svalbard

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the 14:33:26.9 event.

OSPL 14 14:09:19.9, 0.8, 17.82N; 66.88W, h13km, 16km, ML3.0, Presumed earthquake

RSPL 14 14:09:19.9, 17.86N; 66.86W, h11km, MD3.3/6

SDD 14 14:09:19.8, 0.9, 17.83N; 66.90W, h20km, 6km, MD3.5,

ISC 14 14:33:26.9, 0.4, 82.49N; 0.06; 57.3W; 0.04, h10km, n165, c206/129, mb4.240, MS3.8/54, 3C-1D, North of Svalbard

OSPL 14 14:09:19.9, 0.8, 17.82N; 66.88W, h13km, 16km, ML3.0, Presumed earthquake

RSPL 14 14:09:19.9, 17.86N; 66.86W, h11km, MD3.3/6

SDD 14 14:09:19.8, 0.9, 17.83N; 66.90W, h20km, 6km, MD3.5,

OSPL 14 14:09:19.9, 0.8, 17.82N; 66.88W, h13km, 16km, ML3.0, Presumed earthquake

RSPL 14 14:09:19.9, 17.86N; 66.86W, h11km, MD3.3/6

SDD 14 14:09:19.8, 0.9, 17.83N; 66.90W, h20km, 6km, MD3.5,

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HFS, NRS, FRB, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ASF, ASAJ, G2A2, etc.

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

14d 15h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like San Juan, Guaynabo City, Col San Antoni, Higuay Centro, Miches, Hato Mayor del Rey, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like Eielson Array, HFS Hagfors, GERES GERESS Array B, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like Cabo Rojo, PR, Obispo Ponce, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Union Juarez, Catarina, Comitán, Comitan, Retalhuleu, El Palmar, Qui, Matias Romero, Huatulco, Arroyo Zacate, Puerto Escondi, Yosondua, Toxpalan, Tlaxiaco, Pinotepa, Fresnillo de T.

IDC 14 15:38:00.5:1.1, 16:85N:146:46E, h0km, mb3.6/6, mbmp3.6/6, MS4.1/1, Error ellipse: s-maj=46.3km s-min=22.5km az=106.0

ISC 14 15:38:08.9:1.1, 16:81N:02:146:5E:0.3, h68km, m8, a1927.7, mb3.8/7, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Petropavlovsk, Warramunga Arr, ASAR, DZM, ZALV, MKAR, ILAR, YKA.

NEIC 14 15:38:35.0:2.2, 137:0N:0:08:144:7E:0.1, h129km, 3km, mb4.6/11, Error ellipse: s-maj=15.1km s-min=11.6km az=67.0, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO, DPSS, SBUS, PAMT, PSA00, KJLM, KULM, MNAI, TOO, NIUE, O15K, DIB, NV11, LRM, MCMT, PFO, PFO.

IDC 14 15:39:18.9:5.6, 11:34S:74:57W, h112km, 57km, mb3.1/2, mbmp3.5/3, Error ellipse: s-maj=110.8km s-min=45.2km az=32.0, Central Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LPAZ, PDAR, TORO, WRA, MKAR.

NEIC 14 16:03:53.1:7, 83N:66:79W, h15km, Moment Tensor Solution. Moment tensor: Scale 10^14 Nm; Mrr=0.16; Mth=0.63; Mty=0.46; Mxz=0.41; Mxy=0.51; Fault plane solution: M2: 75000x10^14 Np1: 187.00000; 0.80.00000; lambda=170.00000; NP2: 95.00000; 0.80.00000; lambda=10.00000; Principal axes: T: 2.7578, Plg0: 0.0000; Azm321: 0.0000; N: -0.0003, Plg76: 0.0000; Azm230: 0.0000; P: -2.7575, Plg14: 0.0000; Azm51: 0.0000

NEIC 14 16:03:53.3:1.7, 17:80N:0:04:66:79W:0.02, h10km, 2km, ML4.1/40, Mw3.6/10(SLM) Error ellipse: s-maj=7.3km s-min=3.0km az=14.0

PTWC 14 16:03:55.18:00N:66:80W, h10km, ML4.0/12

RSRP 14 16:03:55.5, 17:95N:66:84W, h15km, MD3.5/8

SDD 14 16:03:55.4:1.1, 17:94N:66:86W, h22km, 5km, MD3.7, ML3.6, MW3.7, Presumed earthquake

OSPL 14 16:03:55.0:4.7, 17:33N:66:84W, h16km, 4km, ML3.4, Presumed earthquake

ISC 14 16:03:53.1:0.5, 17:78N:0:05:66:86W:0.02, h28km, 5km, n60, c674/86, 13C-7D, Puerto Rico region

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

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Cabo Rojo, Obispo Ponce, Cerrillos, Las Mesas, Utuado, Puerto Rico, Esperanza, San Juan, Guaynabo, Boshof, Matop, Sutherland, Col San Antoni, Hato Mayor del Rey, Santo Domingo, Nagua, Saba, Santiago de los Caballeros, Presa de Saban, Morre Mazeau, Bigot, Hu-ho-hao-te, PanZhiHua.

RSRP 14 16:07:30.1, 17:94N:66:87W, h10km

NEIC 14 16:07:29.8:0.5, 17:94N:0:04:66:861W:0.0099, h12km, 2km, ML2.6/36, ML2.6(RSPR), 5C-6D, Error ellipse: s-maj=5.8km s-min=1.1km az=173.0, Puerto Rico region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Las Mesas, Utuado, Puerto Rico, Esperanza, San Juan, Guaynabo, Boshof, Matop, Sutherland, Col San Antoni, Hato Mayor del Rey, Santo Domingo, Nagua, Saba, Santiago de los Caballeros, Presa de Saban, Morre Mazeau, Bigot, Hu-ho-hao-te, PanZhiHua.

IDC 14 16:25:14.1:4.8, 26:17S:28:91E, h0km, mbmp3.0/3, ML2.2/3, Error ellipse: s-maj=37.9km s-min=23.3km az=80.0, South Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LBTB, BOS, MATP, SUR, I35NA.

IDC 14 16:37:14.7:1.1, 32:04S:67:44W, h0km, mb3.1/1, mbmp3.3/4, ML3.0/3, MS3.2/1, Error ellipse: s-maj=50.9km s-min=25.0km az=107.0

SJA 14 16:37:30.7:0.7, 31:77S:67:38W, h106km, 3km, ML3.4, MW3.5

ISC 14 16:37:31.2:0.9, 31:78S:0:03:67:38W:0.03, h108km, 6km, n47, c227/69, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CFA, CFA, CFA, ACCE, ACDD, ACDD, ACCL, AROD, TCA, TCA, MT08, MT08, MT08, MT04, MT04, VA03, VA03, CO01.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Cabo Rojo, Las Mesas, Puerto Rico Se, Obispo Ponce, etc.

ISN 14 17:29:22.5:0.6, 34.68N-47.38E, h10km, 7km, ML2.9
TEH 14 17:29:23.8, 34.72N-47.38E, h10km, 51km, ML2.9, Presumed earthquake

ISC 14 17:29:25.0:1.0, 34.72N-0.05:47.39E:0.04, h10km, n14, c1805/19, Western Iran

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

ISC 14 17:32:01.2:1.3, 13.89N-121.05E, h0km, mb3.4/6, mbmp3.4/6, MS3.2/8, Error ellipse: s-maj=58.7km s-min=21.7km az=61.0

ISC 14 17:32:02.7:1.2, 13.9N-121.1E:0.3, h10km, n13, c048/6, mb3.3/6, MS2.9/7, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DAV, JNU, CMAR, GUMO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KURBB, BVAR, LOPPI, MADR, etc.

ISC 14 17:44:11.8:9.6, 17.86S-178.03W, h507km, 95km, mb2.9/5, mbmp3.7/5, Error ellipse: s-maj=47.3km s-min=31.4km az=132.0, Fiji Islands region

ISC 14 17:57:08.0:0.3, 6.81N-73.16W, h156km, 3km, mb4.1/23, mbmp4.6/27, MS3.1/1, Error ellipse: s-maj=9.0km s-min=6.3km az=124.0

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

ISC 14 17:53:06.7:2.1, 7.84S-117.96E, h0km, mb3.7/3, mbmp3.8/4, ML4.1/1, Error ellipse: s-maj=134.3km s-min=15.4km az=47.0, Bali Sea

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

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

CATAC 14 17:57:09.0:0.5, 7.2N-73.3W, h157km, 4km, MA.7/13, mb4.5/6, mb4.6/4, MLV5.2/13, (Mw)(M)3.8/4, Error ellipse: s-maj=9.2km s-min=5.0km az=86.8, confirmed

ISC 14 17:57:08.0:0.3, 6.81N-73.16W, h156km, 3km, mb4.1/23, mbmp4.6/27, MS3.1/1, Error ellipse: s-maj=9.0km s-min=6.3km az=124.0

FUNV 14 17:57:08.4, 6.81N-73.16W, h171km, MW4.6, Presumed earthquake

NEIC 14 17:57:08.7:1.7, 6.80N-0.07:73.02W:0.07, h157km, 5km, mb4.8/262, Error ellipse: s-maj=11.2km s-min=8.1km az=141.0

VAO 14 17:57:08.2:0.7, 6.71N-72.99W, h150km, 5km, mb4.7, Presumed earthquake

RSNC 14 17:57:09.2:0.0, 7.1N-73.3W, h150km, 1km, MA.9, mb5.3, mb5.3, ML4.5, MLV5.2, Mw(m)4.7

ISC 14 17:57:08.0:0.3, 6.81N-73.08W:0.03, h160km, 3km, h161km, pP-P, n370, c1943/319, mb4.7/175, 8C-5D, Northern Colombia

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

Table with columns: SDV, Santo Domingo, 3.17, 50, P, Pn, 17 57 59.1 +0.9, etc. Lists various locations and their associated data points.

Table with columns: HODGE, Iamb, Iamb, 18 02 52.1, etc. Lists various locations and their associated data points.

Table with columns: VHRN, Iamb, Iamb, 18 04 14.8, etc. Lists various locations and their associated data points.

Table with columns: S/JG, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like San Juan, Guaynabo City, Col San Antoni, Loma Peña Alta, Presa de Saban.

NEIC 14 18:47:55.8±1.3, 17.85N±0.02; 66.816W±0.009, h10km, ML3.9/36, ML3.3/7(RSPR), Error ellipse: s-maj=2.8km s-min=2.8km az=65.0

ISC 14 18:47:56.3±0.9, 17.89N±0.05; 66.83W±0.02, h17km±5km, n43, c0817/3, 6C-7D, Puerto Rico region

Main table for Puerto Rico region with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists various stations and their parameters.

NEIC 14 18:48:59.6±1.0, 17.37N±0.03; 66.85W±0.01, h10km±1km, ML3.6/36, Error ellipse: s-maj=5.9km s-min=2.9km az=11.0, Puerto Rico region

Main table for Greece region with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists various stations and their parameters.

NEIC 14 18:49:35.6±1.2, 17.32N±0.03; 66.85W±0.01, h10km±1km, ML3.6/36, Error ellipse: s-maj=5.9km s-min=2.9km az=11.0, Puerto Rico region

Table for Cerrillos, Puerto Rico Se, Arecibo Observ, Experimental S, Aguadilla, PR, Esperanza - Ma, San Juan, Loma Peña Alta, Santiago de

ISC 14 19:03:47.8±1.1, 13.80N±121.37E, h0km, mb3.6/8, mbmp3.6/8, MS2.9/2, Error ellipse: s-maj=54.7km s-min=18.2km az=63.0

ISC 14 19:03:49.3±1.2, 13.8N±121.3E±0.3, h10km, n10, c055/5, mb3.7/8, Mindoro

Table for Davao City (W), Kappang, Chiang Mai Arr, Warrungarra Arr, Alice Springs, MKAR, ZALV, Kurbb, BVAR, Davao City (W), Kappang, Chiang Mai Arr, Warrungarra Arr, Alice Springs, MKAR, ZALV, Kurbb, BVAR

ISC 14 19:05:05.8±1.0, 13.94N±121.19E, h0km, mb3.7/9, mbmp3.7/9, MS3.9/42, Error ellipse: s-maj=46.5km s-min=18.2km az=62.0

NEIC 14 19:07:37.1±1.4, 11.0N±121.2E±0.2, h10km, 1km, mb4.3/23, Error ellipse: s-maj=29.5km s-min=18.3km az=244.0

ISC 14 19:06:08.0±0.6, 14.08N±109.121E±0.1, h10km, n76, c1505/39, mb4.1/19, MS3.8/38, Luzon

Main table for Luzon region with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Lists various stations and their parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MAKZ Makanchi, NIL Niore, YAK Yakuts, ZALV Zalesovo Beam, etc.

RSPR 14 19:26:14.8, 17:91N-66:84W, h13km

NEIC 14 19:26:15.0-0.8, 17.92N-0.03-66.824W-0.008, h10km, 1km, ML2.5/36, ML2.5(RSPR), 8C-2D, Error ellipse: s-maj=4.6km s-min=2.4km az=176.0, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Islan, CRPR Cabo Rojo, PR, etc.

IDC 14 19:26:03.5-3.9, 8:53S-116:34E, h130km, 31km, mb3.4/6, mbmp3.9/8, Error ellipse: s-maj=52.9km s-min=12.0km az=51.0

DJA 14 19:26:18.0-0.4, 8:5S-117:8E, h226km, 4km, M3,8/13,

mb4.0/2, MLV3.8/13

ISC 14 19:26:17.1-0.8, 7.97S-105:117.71E-0.04, h231km, 7km, n25, -c158/42, mb3.7/5, Pal Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DBNI Kabupaten Domp, PLAI Plampang, TWSI Taliwang, Sumb, etc.

RSPR 14 19:28:08.3, 17:87N-66:84W, h14km, MD2.4/9

NEIC 14 19:28:06.9-1.5, 17.78N-0.02-66.84W-0.01, h10km, 1km, ML2.7/36, MD2.4/9(RSPR), 1C-6D, Error ellipse: s-maj=3.5km s-min=2.7km az=193.0, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Islan, CRPR Cabo Rojo, PR, etc.

NEIC 14 19:40:05.7-1.9, 17:94N-0.01-66:80W-0.01, h10km, 1km, ML3.4/36, ML3.0/8(RSPR), Error ellipse: s-maj=2.9km

s-min=1.7km az=349.0

OSPL 14 19:40:06.2-0.3, 17:96N-66:84W, h18km, 2km, ML2.9, Presumed earthquake

RSPR 14 19:40:06.3, 17:98N-66:83W, h15km, MD2.9/8

ISC 14 19:40:05.4-1.1, 17.96N-0.04-66.83W-0.02, h20km, 4km, n38, -c032/70, 10C-2D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Islan, CRPR Cabo Rojo, PR, etc.

IDC 14 19:59:53.2-1.6, 14:17N-122:08E, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=282.2km s-min=26.6km az=72.0, Luzon

IDC 14 20:02:07.1-0.8, 13:81N-121:11E, h0km, mb3.9/11, mbmp3.9/11, MS3.4/12, Error ellipse: s-maj=37.9km

s-min=15.6km az=66.0
NEIC 14 20:02:08.9.0.9, 13.8N:0.1:121.0E:0.2, h10km, 1km
mb4.2/2.1, Error ellipse: s-maj=32.1km s-min=16.7km
az=257.0

ISC 14 20:02:08.6:0.7, 13.8N:0.1:121.0E:0.2, h10km, n42,
#095/31, mb4.1/1.7, MSZ, 5/9, Mindoro

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for various events.

IDC 14 20:03:08.3:8.1, 33.48N:139.73E, h104km, 114km,
mb3.2/2, mbmp3.4/3, ML2.4/1, Error ellipse:
s-maj=108.0km s-min=80.2km az=61.0

JMA 14 20:03:10.1:0.2, 33.7N:0.6:14.0E, h121km, 1km,
MV3.0/33, NEAR MIYAKE/JIMA ISLAND

ISC 14 20:03:13.3:1.4, 33.73N:0.07:139.67E:0.08, h100km, n17,
#137/17, Southeast of Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for various events.

IDC 14 20:16:03.7:2.6, 6.37S:107.55E, h0km, mb3.6/7,
mbmp3.7/7, Error ellipse: s-maj=137.9km s-min=18.4km
az=55.0

DJA 14 20:16:07.0:3.0, 2.7S:2.10E, h10km, M3.7/16,
ML3.7/16

ISC 14 20:16:07.1:1.2, 6.77S:107.34E:0.04, h17km, 9km,
n24, #150/35, mb3.5/7, Jawa

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for various events.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for various events.

AEIC 14 20:46:55.9:1.3, 64.72N:0.02:148.53W:0.05, h20km, 5km,
Error ellipse: s-maj=3.5km s-min=2.9km az=79.0

NEIC 14 20:46:56.4:0.6, 64.73N:0.02:148.54W:0.05, h25km, 9km,
ML3.9/63, ML3.7(AEIC), Mw3.3/31(SLM), Error ellipse:
s-maj=3.4km s-min=2.2km az=224.0

IDC 14 20:46:56.1:1.3, 65.03N:148.44W, h0km, mb3.2/3,
mbmp3.3/6, ML3.3/3, Error ellipse: s-maj=16.2km
s-min=9.9km az=7.0

NEIC 14 20:46:56.6:4.73N:148.50W, h17km, Moment Tensor
Solution. Moment tensor: Scale 10^14Nm; M1:0.09;
M2:-2.75; M3:2.85; M4:-0.58; M5:1.07; M6:-0.09; Fault
plane solution: M3.05000:1014 NP1:3.55.00000:1
885.00000:1 -10.00000: NP2:3.146.00000: 880.00000:
-1.175.00000: Principal axes: T 3.0563, P3.0563,
Azml1.00000: N -0.0026, P1g7.00000: Azm209.00000:
P -0.0537, P1g11.00000: Azm10.00000:

ISC 14 20:46:56.3:0.8, 64.74N:0.02:148.50W:0.02, h20km, 2km,
n153, #190/163, Central Alaska

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for various events.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for various events.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Santiao Chiao, Shuangxi, Grass Mountain, Suao, Wu-fen Shan, National Taiwa, Mucha, Nanau, Taipei, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Xinyi Township, Mingjian, Zhushan, Changhua City, Yuli, Kuro-shima, Fuli, Alishan, etc.

RSPR 14 21:34:58.0, 17.94N-66.85W, h13km, MD2.6/6
NEIC 14 21:34:57.5-1.4, 17.94N-0.04-66.825W, 0.005,
h10km, 1km, ML2.6/34, MD2.6/6(RSPR), 4C-7D, Error
ellipse: s-maj=6.5km s-min=2.8km az=178.0, Puerto
Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Guanica, Bosqu, Magueyes Islan, Obispo Ponce, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residuals. Includes stations like Col San Antoni, Loma Pena Alta, Magueyes Islan, Obispo Ponce, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Isian, CRPR Cabo Rojo, etc.

NEIC 14 21:51:48.5±1.3, 17.80N±0.03; 66.87W±0.02, h10km±2km, ML3.1/38, Error ellipse: s-maj=5.1km s-min=2.9km az=16.0

SDD 14 21:51:49.7±0.7, 17.85N±0.06; 85W±1.13km±13km, MD3.4, ML2.9, MW3.0, Presumed earthquake

OSPL 14 21:51:49.5±0.8, 17.81N±0.06; 88W±1.0km±5km, ML2.4, Presumed earthquake

ISC 14 21:51:49.1±1.2, 17.87N±0.06; 86.85W±0.02, h17km±7km, n25, c033/43, 11C-1D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Isian, CRPR Cabo Rojo, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EMPR Esperanza, Ma, MLPR Magueyes Isian, CRPR Cabo Rojo, etc.

IDC 14 21:53:05.6±2.5, 7.11S±147.79E, h0km, mb3.3/2, mbtmp3.5/4, ML3.8/1, MS2/2/1, Error ellipse: s-maj=72.1km s-min=24.8km az=100.0, Eastern New Guinea region

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

IDC 14 21:57:47.4±2.1, 21.02S±68.70E, h0km, mb3.8/9, mbtmp3.8/9, MS3.7/29, Error ellipse: s-maj=68.7km s-min=23.4km az=43.0

ISC 14 21:57:49.7±2.2, 21.05S±68.8E±0.3, h13km, n39, c093/9, mb3.8/9, MS3.7/29, Mid-Indian Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

IDC 14 22:05:53.9±1.7, 4.62S±130.59E, h0km, mb3.3/1, mbtmp3.5/5, ML3.3/4, Error ellipse: s-maj=76.9km s-min=24.1km az=85.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SIJI Sorong, FITZ Fitzroy Crossi, etc.

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

GCG 14 22:21:25.7±0.4, 13.09N±90.37W, h20km±5km, MD3.7, Presumed earthquake

SNET 14 22:21:29.4±1.1, 13.29N±90.27W, h16km±15km, ML3.2, Presumed earthquake

ISC 14 22:21:25.7±2.8, 13.3N±0.1; 90.4W±0.1, h12km±13km, n13, c043/18, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NUBE Las Nubes, CEVE Cerros Verdes, SBL San Blas, etc.

IDC 14 22:21:41.7±0.8, 18.01N±66.90W, h0km, mb3.9/11, mbtmp4.0/13, ML3.3/42, MS3.3/7, Error ellipse: s-maj=19.5km s-min=8.9km az=177.0

SDD 14 22:27:42.8±2.7, 17.82N±66.86W, h20km±15km, MD3.7, ML2.2, MW4.3, Presumed earthquake

NEIC 14 22:27:42.7±1.2, 17.87N±0.02; 66.83W±0.04, h18km±2km, mb4.4/23, ML4.5/44, Mw4.2/25, ML4.3/11 (RSRP), Mw4.2/18 (SLM), Error ellipse: s-maj=5.8km s-min=2.9km az=60.0, Moment Tensor Solution. Moment tensor: Scale 10¹⁵Nm; Mr=0.06; Mrr=0.93; Mss=0.99; Mss=0.13; Mss=2.56; Mss=1.91; Fault plane solution: M2:75000x1015 NP1: 0x10, 31000; 385:62000; 2:13000

PTWC 14 22:27:42.7±1.9, 17.86N±66.86W, h10km, ML4.4/16, NEIC 14 22:27:42.8, 17.89N±66.83W, h18km, OSPL 14 22:27:43.1±0.6, 17.85N±66.86W, h21km±6km, ML4.0, Presumed earthquake

NEIC 14 22:27:43.7, 17.86N±66.85W, h17km, Moment Tensor Solution. Moment tensor: Scale 10¹⁵Nm; Mr=0.0; Mrr=1.42; Mrr=1.42; Mrr=0.48; Mrr=2.46; Mrr=0.13; Fault plane solution: M2:88000x1015 NP1: 0x10, 285:00000; 3:90:00000; 4:10:00000; NP2: 0x10, 00000; 3:80:00000; 4:180:00000; Principal axes: T: 2.8842, P: 0.0000, Azm1: 64.0000; P: -2.8842, P: 0.0000, Azm2: 240.0000; Azm105.0000; P: -2.8842, P: 0.0000, Azm240.0000

RSRP 14 22:27:43.3, 17.86N±66.85W, h11km, MD3.7/11, ISC 14 22:27:42.0±0.9, 17.79N±0.04; 66.84W±0.02, h16km±6km, n170, c186/102, mb4.3/23, MS3.2/6, 27C-8D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Isian, CRPR Cabo Rojo, etc.

Table with columns: BDFB, Station Name, Time, Res, ISC. Includes entries for Brasilia, Sonm, LPaz, LPaz, LBtb, Sur, Snaa, Snaa, Qspa, Qspa, ASAR.

RSPR 14 22:45:41.6, 17.82N:66.88W, h10km, MD3.1/12
NEIC 14 22:45:41.1, 17.81N:0.03:66.85W:0.01, h10km, 1km,
ML2.3, S:38, M:3.2, I:2 (RSPR), Error ellipse: s-maj=4.8km
s-min=2.7km az=10.0

OSPL 14 22:45:41.8, 1.3, 17.80N:66.90W, h8km, 12km, ML3.0,
Presumed earthquake
ISC 14 22:45:41.0, 1.3, 17.83N:0.07:66.87W:0.02, h1km, 3km,
n39, c056/61, 10C-4D, Puerto Rico region

Main table for Puerto Rico region with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Guanica, Maguëyes, Cabo Rojo, etc.

SDD 14 22:49:23.8, 1.4, 17.89N:66.82W, h20km, 9km, MD3.0,
ML3.2, MW3.7, Presumed earthquake
OSPL 14 22:49:23.9, 0.5, 17.88N:66.83W, h12km, 2km, ML2.9,
Presumed earthquake

NEIC 14 22:49:23.1, 1.2, 17.87N:0.03:66.81W:0.01, h10km, 1km,
ML3.4/38, Md2.8/12 (RSPR), Error ellipse: s-maj=5.8km
s-min=2.5km az=3.0

RSPR 14 22:49:23.5, 17.88N:66.83W, h1km, MD2.8/12
ISC 14 22:49:23.5, 0.9, 17.91N:0.04:66.82W:0.02, h1km, 5km,
n53, c056/86, 26C-5D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes entries for Guanica, Brasilia, Maguëyes.

Main table for Puerto Rico region with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Maguëyes, Cabo Rojo, etc.

NEIC 14 22:53:11.6, 1.4, 17.79N:0.010:66.86W:0.01,
h10km, 2km, ML2.7/38, Md2.7/9 (RSPR), Error ellipse:
s-maj=3.2km s-min=2.4km az=28.0
OSPL 14 22:53:12.4, 0.3, 17.82N:66.87W, h17km, 4km, ML2.3,

Presumed earthquake
RSPR 14 22:53:12.1, 17.81N:66.87W, h10km, MD2.7/9
ISC 14 22:53:11.6, 1.4, 17.81N:0.07:66.87W:0.02, h23km, n37,
c055/61, 12C-1D, Puerto Rico region

Main table for Puerto Rico region with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Guanica, Cabo Rojo, etc.

RSPR 14 23:01:05.8, 17.88N:66.84W, h13km
NEIC 14 23:01:05.6, 1.4, 17.87N:0.003:66.835W:0.008,
h10km, 1km, ML2.4/32, ML2.8 (RSPR), 2C-8D, Error ellipse:
s-maj=5.5km s-min=2.8km az=355.0, Puerto Rico
region

Main table for Puerto Rico region with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Guanica, Cabo Rojo, etc.

15d 0h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like AOPR Arcedibo Observ, AGPR Aguadilla, PR, and many others.

2020 JAN

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Islan, and many others.

980

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like LKBA Tubou, Lakemba, RAO Raoul Island, and many others.

OSPL 14 23:48:54.2, 35.67N, 26.43E, h28km, ML2.6/16
Manual Solution by A.Moschou First location: 2020/01/14
23:49:23, This location: 2020/01/15 05:56:02 ML

ML3.5/36, Md3.0/10(RSPR), Error ellipse: s-maj=5.6km
s-min=3.0km az=9.0
SDD 14 23:56:11.8, 17.83N, 66.86W, h19km, 14km, MD3.5,
ML3.2, MW3.3, Presumed earthquake
RSPR 14 23:56:11.9, 17.83N, 66.86W, h12km, MD3.0/10
ISC 14 23:56:11.4, 17.1783N, 0.05:66.83W, 0.02, h17km, 6km,
n44, c063/72, 11C-9D, Puerto Rico region

BUJ 15 00:14:17.5, 23.40S: 179.59W, h514km, mB5.0/17,
mb5.0/55
IDC 15 00:14:18.9, 0.4, 23.66S: 179.95E, h514km, 3km, mb4.5/29,
mbmt5.4/31, Error ellipse: s-maj=8.0km s-min=7.2km
az=5.0
NEIC 15 00:14:18.3, 2.1, 23.68S: 0.09: 179.98W: 0.10,
h506km, 5km, mb5.0/299, Error ellipse: s-maj=12.7km
s-min=12.4km az=118.0
NOU 15 00:14:19.5, 23.72S: 179.77W, h514km, mb5.1/128, South
of Fiji Islands
GCMT 15 00:14:22.3, 0.2, 23.85S: 0.03: 179.94W: 0.03,
h533km, 1km, MW5.6/108, Moment Tensor Solution,
s108, ct156: Duration: 1s Moment tensor: Scale 1017
Nm; M1: 1.26e+05; M2: 0.75e+08; M3: 0.51e+08;
M4: 1.23e+08; M5: -1.05e+07; M6: -1.99e+08; Best double
couple: M2: 777000: 1017 NP1: 89.00000: 819.00000:
1.124.00000: NP2: 213.00000: 875.00000: 1.79.00000:
Principal axes: T: 2.6260, P1g59.0000, Azm108.0000,
N: 0.3000, P1g10.0000, Azm216.0000; P: -2.9280,
P1g29.0000, Azm312.0000; nsta1 refers to body waves,
cutoff=40s. Triangular moment-rate function
ISC 15 00:14:19.3, 0.3, 23.85S: 0.04: 179.97W: 0.03,
h522km, 2m, h523km, P-P, n1016, h1909/1057, mb5.1/238,
59C-45D, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SCHL Schela, CFR Carcalui, TPGR Topolog, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CONA comp=Z,0.5nm,0.4s, CONA comp=Z,7.3nm,0.8s, SNR=8.2, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SVN Savane Anatole, SVN Savane Anatole, SVN Savane Anatole, etc.

TRN 15:00:17:04.8, 15:08N:61.12W, h144km, MD4.4, South-east of Dominica. Felt in Saint Lucia MMI V.
IDC 15:00:17:07.0, 2.2, 15.13N:61.25W, h150km, 22km, mb3.9/24, mbmp4.4/26, MS2.8/1, Error ellipse: s-maj=14.11km, s-min=10.4km, az=53.0
NEIC 15:00:17:06.5, 1.5, 15.10N:0.05:61.21W:0.0:08, h141km, 4km, mb4.8/25/23, Error ellipse: s-maj=11.7km s-min=7.3km
PTWC 15:00:17:06, 15:10N:61.10W, h135km, M14.3/13
RSNC 15:00:17:17.1, 3.5, 16.1N:19.6:2W:3.4, h373km, 36km, mb4.6, mb4.2, Mw(mb)3.8
ISC 15:00:17:06:2.0, 5.15, 07:02:61.18W:0.04, h145km, 3km, n473, o097/416, mb4.7/137, 11C-5D, Leeward Islands

250A	Grady	28.40 311	I	Amb	00 22 47.9
R55A	Marlinton	28.54 328	P	P	00 22 49.3 +1.0
SSPA	Standing Stone	29.34 333	I	Amb	00 22 55.6 +0.3
SSPA	SSPA		I	Amb	00 23 56.8
LRAL	Lakeview Retre	29.47 312	P	P	00 22 56.5 0.0
LRAL	LRAL		I	Amb	00 22 57.9
M57A	Sunshine Farm,	29.61 335	I	Amb	00 22 57.8 +0.2
M57A	M57A		I	Amb	00 22 59.2
S51A	Beattytville	30.00 323	I	Amb	00 23 02.4
Q52A	Bidwell	30.18 326	P	P	00 23 01.8 -0.9
Q52A	Q52A		I	Amb	00 23 03.9
P52A	Corning	30.59 327	P	P	00 23 06.7 +0.4
P52A	P52A		I	Amb	00 23 07.5
Q51A	Peebles	30.81 325	I	Amb	00 23 09.8
SIV	San Ignacio	30.86 180	P	P	00 23 09.9 +1.0
ACSO	Alum Creek Sta	31.48 327	I	Amb	00 23 15.6
WVT	Waverly	31.72 316	P	P	00 23 16.0 -0.3
WVT	Waverly	31.72 316	P	P	00 23 15.5 -0.8
WVT	WVT		pP	pP	00 23 47.5 +0.7
WVT	WVT		sP	sP	00 24 03.0 -0.3
Y45A	Yeager Farm, C	31.72 311	P	P	00 23 16.8 +0.4
LP4Z	La Paz	31.90 193	P	sP	00 23 26.8 +7.9
LP4Z	LP4Z		sP	sP	00 24 04.5 -0.7
OXF	Milford	31.95 312	I	Amb	00 23 18.7 +0.4
P48A	Oxford	32.28 323	I	Amb	00 23 21.5
BATG	Bathurst New B	32.37 354	P	I	00 23 21.8 0.0
BATG	BATG		I	Amb	00 23 24.1
O48B	Farmland	32.67 325	I	Amb	00 23 25.5
TRQ	Mont Tremblant	33.02 343	P	I	00 23 28.0 +0.4
TRQ	TRQ		I	Amb	00 23 29.3
BDFB	Brasilia	33.17 156	P	P	00 23 30.3 +1.1
LMQ	La Malbaie	33.27 349	P	P	00 23 29.7 +0.1
SIUC	Southern Illin	33.53 318	I	Amb	00 23 33.4
S44A	Cardonade	33.55 317	I	Amb	00 23 33.4
Q44A	Meyer Farm, Va	34.10 319	I	Amb	00 23 38.1
WLAR	White Oak Lake	34.29 308	I	Amb	00 23 40.3
WHAR	Woolly Hollow	34.39 312	I	Amb	00 23 40.0
X40A	Basin Creek Fa	34.43 310	I	Amb	00 23 40.9
FCAR	Ozark Folk Cen	34.56 313	P	I	00 23 40.9 0.0
FCAR	FCAR		I	Amb	00 23 41.6
J47A	Summer	34.61 329	I	Amb	00 23 42.5
CCM	Cathedral Cave	35.06 316	P	I	00 23 44.5 -0.7
CCM	CCM		I	Amb	00 24 06.5
CCM	Cathedral Cave	35.06 316	P	P	00 23 43.9 -1.3
HKT	Hockley	35.12 301	I	Amb	00 23 45.6 -0.1
HKT	HKT		I	Amb	00 23 46.6
MGMO	Mountain Grove	35.28 314	I	Amb	00 23 48.5
237A	Washetta, Mont	35.75 304	I	Amb	00 23 52.3
HHAR	Hobbs	36.04 312	P	P	00 23 53.3 -0.4
HHAR	HHAR		I	Amb	00 23 54.2
N41A	Harden Midland	36.30 321	I	Amb	00 23 56.3
P40A	Paris	36.39 318	I	Amb	00 23 57.0
HBVL	Hebronville	36.83 295	I	Amb	00 24 02.4
FW13	Cleburne	37.16 304	I	Amb	00 24 03.8
I42A	Drager Farm,	37.19 326	P	I	00 24 03.3 +0.1
I42A	I42A		I	Amb	00 24 03.9
JFWS	Jewell Farm	37.29 324	I	Amb	00 24 04.9
Z35A	Perchaven, S	37.35 306	I	Amb	00 24 06.3
W35A	Tecumseh	37.73 309	I	Amb	00 24 07.9
N38A	Joess South For	37.84 319	I	Amb	00 24 09.4
HND0	Hondo	37.89 299	I	Amb	00 24 09.5
OK052	Battle Ridge R	38.01 310	I	Amb	00 24 10.7
QUOK	Quay	38.01 310	P	I	00 24 09.8 -0.5
QUOK	QUOK		I	Amb	00 24 10.6
PLPT	Palo Pinto	38.02 304	I	Amb	00 24 10.7
X34A	Smith Ranch, M	38.25 307	I	Amb	00 24 14.4
OK048	Pawnee Station	38.28 310	I	Amb	00 24 12.7
SCIA	State Center	38.45 320	I	Amb	00 24 14.8
JCT	Junction City	38.56 300	I	Amb	00 24 15.6
APMT	Aspermont	39.62 304	P	I	00 24 22.9 -0.8
APMT	APMT		I	Amb	00 24 23.3
OZNA	Ozona	39.78 300	I	Amb	00 24 26.1
SCHO	Scheffler	39.92 355	P	P	00 24 25.5 -0.4
SCHO	SCHO		I	Amb	00 24 25.5 -0.4
SGCY	Sterling City	40.03 302	I	Amb	00 24 26.6 -0.7
SGCY	SGCY		I	Amb	00 24 27.1
SN07	Snyder 07	40.16 304	P	P	00 24 27.0 -1.3
SPMN	Marine on St.	40.17 325	I	Amb	00 24 28.1 0.0
R32A	Long Quarter,	40.40 312	I	Amb	00 24 31.1
129A	Stewart Farms,	40.82 303	I	Amb	00 24 33.6
ODSA	Odessa	41.25 302	I	Amb	00 24 37.0
CBKS	Cedar Bluff	41.29 312	P	I	00 24 36.6 -0.9
CBKS	CBKS		I	Amb	00 24 37.8
CPUP	Villa Florida	41.32 175	P	P	00 24 36.9 -0.7
CPUP	CPUP		I	Amb	00 24 36.9 -0.7
CPUP	Villa Florida	41.32 175	P	P	00 24 36.5 -1.1
128A	Castleberry Fa	41.33 302	I	Amb	00 24 37.7
AMTX	Amarillo	41.33 306	I	Amb	00 24 38.7
ECSD	EROS Data Cent	41.54 321	I	Amb	00 24 39.0 -0.3
ECSD	ECSD		I	Amb	00 24 39.9
TXAR	Lajitas Array	41.59 297	P	P	00 24 39.5 -0.6
TXAR	TXAR		I	Amb	00 24 39.5 -0.6
TPB05	Hovey Rd	41.62 300	I	Amb	00 24 42.4
PH09	Texas Public H	41.69 307	I	Amb	00 24 41.3
TPB01	Permian Basin	42.00 300	P	I	00 24 42.0 -1.4
TPB01	TPB01		I	Amb	00 24 44.2
HTMS	Hat Mesa	42.23 302	P	P	00 24 44.1 -1.1
F33A	5 Mile Ranch,	42.51 323	I	Amb	00 24 47.7
RTGA	Rita Blay	42.64 308	I	Amb	00 24 49.3
HP16	Highway	42.98 293	I	Amb	00 26 14.0

VHRN	Van Horn	42.99 299	I	Amb	00 26 27.0
EPL0	Experimental L	43.50 329	I	Amb	00 24 55.5
MNTX	Corvus Mount	43.50 300	I	Amb	00 26 26.3
ULM	Lac du Bonnet	44.93 329	P	P	00 25 05.6 -0.8
ULM	ULM		I	Amb	00 25 05.6 -0.8
ANMO	Albuquerque	45.11 305	P	pP	00 24 57.8 -1.1
ANMO	ANMO		pP	pP	00 25 40.0 -0.3
MDND	Maddock	45.52 324	I	Amb	00 25 11.6
S22A	4UR Ranch, Cre	46.15 308	I	Amb	00 26 35.3
RSSD	Black Hills	46.43 317	P	P	00 25 18.6 0.0
RSSD	Black Hills	46.43 317	P	P	00 25 18.2 -0.4
LAO	LASA Array	48.91 320	I	Amb	00 25 38.8
P18A	Preston Tunner	49.24 310	P	I	00 25 39.9 -0.5
P18A	P18A		I	Amb	00 27 34.4
SRU	San Rafael Swe	49.31 309	I	Amb	00 26 29.5
P17A	Butcher Ranch,	49.57 309	I	Amb	00 26 27.1
BW06	Boulder Array	49.66 314	I	Amb	00 25 44.2
PD31	Pinedale Array	49.66 314	P	I	00 25 42.7 -0.8
PD31	PD31		I	Amb	00 25 44.2
PDAR	Pinedale Array	49.66 314	P	I	00 25 43.2 -0.2
Q16A	Castle Valley	49.75 308	I	Amb	00 26 25.0
FFC	Flin Flon	50.61 331	P	P	00 25 49.4 +0.6
FFC	Flin Flon	50.61 331	P	P	00 25 49.1 -1.0
LOHW	Long How	50.66 314	I	Amb	00 26 36.2
AHID	Auburn Hatcher	50.74 313	I	Amb	00 25 52.3
W13A	Hualapai Mount	51.11 303	I	Amb	00 26 05.9
DUG	Dugway, Tooele	51.29 310	P	I	00 25 55.3 -0.4
DUG	DUG		I	Amb	00 25 56.9
YHB	Horse Butte	51.42 316	I	Amb	00 25 59.0
YHL	Hebgen Lake	51.45 316	I	Amb	00 25 59.6
H102A	ASCENSION HYD51.56 113	T	T	01 21 32.7	
H102A	ASCENSION HYD51.56 113	T	T	01 21 36.9	
H101A	ASCENSION HYD51.58 113	T	T	01 21 39.7	
H101A	ASCENSION HYD51.58 113	T	T	01 21 39.7	
BGU	Big Grassy Mou	51.63 311	I	Amb	00 25 59.2
EGMT	Eggleton	51.65 320	I	Amb	00 25 59.5
SPR3	Spring Creek 3	52.17 307	I	Amb	00 26 13.7
SPR3	Spring Creek 3	52.17 307	I	Amb	00 26 13.7
SHPR	Sheep Range	52.36 305	P	I	00 26 02.5 -1.2
SHPR	SHPR		I	Amb	00 26 05.3
PRN	Pahroc Range	52.43 306	I	Amb	00 26 07.0
ELK	Elko	53.22 310	I	Amb	00 26 15.8
HLID	Hailey	53.30 313	I	Amb	00 26 26.3
PLID	Pearl Lake	54.79 315	I	Amb	00 26 24.5
NV11	Mina Array Sit	55.02 307	I	Amb	00 26 24.1
NVAR	Mina Array Bea	55.13 306	P	P	00 26 23.7 -0.2
NVAR	NVAR		I	Amb	00 26 23.7 -0.2
NVAR	Mina Array Bea	55.13 306	P	P	00 26 24.2 +0.4
ESDC	Sonsec Array	55.39 52	P	P	00 26 25.3 -0.1
ESDC	ESDC		I	Amb	00 26 25.3 -0.1
ESDC	Sonsec Array	55.39 52	P	P	00 26 26.2 +0.7
DBIC	Dimbokro	55.81 92	P	P	00 26 29.6 +0.9
DBIC	DBIC		I	Amb	00 26 29.6 +0.9
DBIC	Dimbokro	55.81 92	P	P	00 26 29.5 +0.7
DBIC	DBIC		I	Amb	00 26 29.3 +0.6
POIN	Pond Inlet	58.45 354	I	Amb	00 26 47.2
EKA	Eskdalemuir Ar	59.71 34	P	P	00 26 53.7 -1.6
LLBL	Lillooet	59.98 320	I	Amb	00 26 58.2
YKAW1	Yellowknife Wh	60.21 335	P	I	00 26 58.0 -0.5
YKAW1	YKAW1		I	Amb	00 26 58.4
YKA	Yellowknife Ar	60.26 335	P	P	00 26 58.2 -0.7
YKA	YKA		I	Amb	00 26 58.2 -0.7
YKAW3	Yellowknife Wh	60.29 335	P	I	00 26 58.6 -0.5
YKAW3	YKAW3		I	Amb	00 26 59.4
TORD	Torodi Ar. Bea	60.82 83	P	P	00 27 04.0 +0.5
CLRS	Cowichan Lake	61.04 318	P	P	00 27 04.0 -0.5
RES	Resolute Bay	62.45 350	P	P	00 27 13.7 +0.2
TAM	Tamanrasset	63.12 72	P	P	00 27 21.0 +2.0
TAM	Tamanrasset	63.12 72	P	P	00 27 20.9 +2.0
KOTAN	Kotaneelae Air	63.63 330	P	P	00 27 22.2 +0.7
TOAD	Toad River Com	63.87 329	P	P	00 27 22.7 -0.5
WRGLY	Wrigley	64.29 334	P	P	00 27 25.9 +0.2
KEST	Kesra	65.25 57	P	P	00 27 36.6 +1.4
KEST	Kesra	65.25 57	I	Amb	00 27 37.5
T35M	Bob Quinn	66.10 326	P	P	00 27 38.0 +0.4
DAVA	Damuels	66.25 45	eP	P	00 27 40.1 +1.2
FETA	Feichten	66.81 45	eP	P	00 27 43.5 +1.0
R33M	Jennings River	66.88 329	P	P	00 27 43.1 +0.5
SQTA	Sankt Quirin	67.15 45	eP	P	00 27 45.5 +0.9
Q32M	Nakina River	67.47 328	P	P	00 27 45.9 -0.5
ALE	Alert	67.48 360	P	P	00 27 45.4 -0.5
CRAC	Craig	67.49 324	P	P	00 27 46.5 +0.2
U33K	Whale Pass	67.56 325	P	P	00 27 46.9 +0.2
A36M	Sachs Harbour	67.86 342	P	P	00 27 48.5 +0.2
P33M	Teslin, Yukon	67.93 329	P	P	00 27 49.6 +0.5
N32M	Quiet Lake	68.20 330	P	P	00 27 51.2 +0.4
P32M	Atin	68.29 329	P	P	00 27 51.9 +0.5
NOA	NORSAR Array B	68.41 30	P	P	00 27 52.8 +0.7
FARO	Faro, Yukon	68.48 331	P	P	00 27 52.9 +0.4
KBA	Koelnbreinsper	68.60 45	eP	P	00 27 54.4 +0.6
GERES	GERESS Array B	68.87 43	P	P	00 27 55.5 +0.3
M31M	Drury Creek	68.96 331	P	P	00 27 56.7 +1.2
OBKA	Obir	69.43 46	eP	P	00 27 58.8 +0.1

H31M	Peel River	69.47 335	P	P	00 27 58.8 +0.3
F31M	Tsightehchic	69.51 337	P	P	00 27 58.4 -0.3
INK	Inuvik	69.59 338	I	Amb	00 27 59.4
INK	Inuvik	69.59 338	P	P	00 27 58.8 -0.3
G31M	Satah River	69.63 336	I	Amb	00 27 59.7
G31M	Satah River	69.63 336	P	P	00 27 59.3 -0.1
SOKA	Soboth	69.76 45	eP	P	00 28 00.8 0.0
M30M	Minto, Yukon	70.12 332	P	P	00 28 02.9 +0.3
J30M	Hart River	70.13 334	I	Amb	00 28 43.3
J30M	Hart River	70.13 334	P	P	00 28 03.4 +0.7

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like DRGR, H24K, SCM, C24K, 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 N17K, K17K, L17K, 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 STG2, STG5, STG6, etc.

IDC 15 00:26:40.1.2.9.21.32S.179.97W.h0km.mb3.9.1. mBmtmp3.9/3,MS3.5/1,Error ellipse: s-maj=218.1km s-min=35.1km az=161.0, Fiji Islands region

IDC 15 00:30:10.1.0.1.9.13.91N.93.18W.h0km.mb4.1/13, mBmtmp4.1/16,ML3.7/3,MS3.4/10,Error ellipse: s-maj=23.0km s-min=14.5km az=43.0

CATAC 15 00:30:10.2.1.1.14.N.3.9'W.L. h2km.gkm.M4.7/24, mB5.1/5,mB5.2/5,MLV4.6/24,Mv(mB)4.6/5,MvMwp4.8/1, Mwp5.1/1,Error ellipse: s-maj=7.7km s-min=4.9km az=46.6,Moment Tensor Solution. Moment tensor: Scale 1015Nm; Mn:0.50; Mw:2.20; Ms:1.70; Mv:1.15; Mw:0.35; Mw:0.11; Fault plane solution: M2.33606x1015 NP1: o=311.83065°,δ75.32020°,λ-15.95910°. NP2: T.1.7320,Plg0.7585°,Azm265.1483°; N.0.9250,Plg69.7937°,Azm357.2089°; P.-2.6569,Plg20.1908°,Azm174.8694°; confirmed

NEIC 15 00:30:11.2.1.9.13.86N.0.06.93.19W.0.05.h10km.1km, mb4.6/84,MD4.5/209(MLX) Error ellipse: s-maj=10.4km s-min=8.1km az=291.0

GCG 15 00:30:11.9.2.3.13.73N.93.24W,h35km.41km,MD4.7, ML4.6, Presumed earthquake

SMEX 15 00:30:12.5.1.1.13.82N.93.35W,h8km.32km,MD4.5 SNET 15 00:30:13.7.0.9.13.73N.93.14W,h60km.63km,ML4.2, Presumed earthquake

ISC 15 00:30:11.0.2.1.13.89N.0.04.93.26W.0.03,h15km.12km, n276.±263/332,mb4.5/39,MS3.4/7,Off coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like THIG, SMCA, PATR, etc.

SCIG Sabancuy	5.43 21	Pn	00 31 32.7 +1.2
SCIG Sabancuy	5.43 21	eP	00 31 32.7 +1.2
SCIG Sabancuy	5.43 21	eS	00 31 32.7 +1.2
SCIG Sabancuy	5.43 21	S	00 31 32.9 +1.0
TXIG Tlaxiaco	5.49 308	Pn	00 31 34.9 +2.3
TXIG Tlaxiaco	5.49 308	eS	00 31 34.9 +2.3
TOIG Toxpalan	5.56 319	Pn	00 31 36.2 +2.8
TOIG Toxpalan	5.56 319	eS	00 31 36.2 +2.8
CSGN Cosiguina Volc	5.62 99	P	00 31 34.3 +0.1
HLIG Huajuapán de L	5.88 312	eP	00 31 40.2 +2.3
HLIG Huajuapán de L	5.88 312	eS	00 31 40.2 +2.3
HLIG Tehuacan	5.99 319	Pn	00 31 41.8 +2.4
TPIG Tehuacan	5.99 319	eS	00 31 41.8 +2.4
CRIN San Cristobal	6.16 100	Pn	00 31 41.0 -0.6
CRIN San Cristobal	6.16 100	S	00 31 42.5 +0.9
CRIN Malinaltepec	6.16 303	Pn	00 31 45.1 -6.8
MGIG Malinaltepec	6.16 303	eS	00 31 45.1 -6.8
FTIG Fresnillo de T	6.16 311	eP	00 31 44.7 +2.9
FTIG Fresnillo de T	6.16 311	eS	00 31 44.7 +2.9
YUSAR Yucarán	6.23 89	P	00 32 47.4 -4.8
PKGN Cerro Pekin	6.23 100	P	00 31 43.0 +0.4
PKGN Tiapa	6.29 306	Pn	00 31 46.1 +2.6
TLIG Tiapa	6.29 306	eS	00 31 46.1 +2.6
CRIG Cruz Grande	6.34 297	eP	00 31 44.7 +0.7
CRIG Cruz Grande	6.34 297	eS	00 31 44.7 +0.7
JAIUV Jalcomulco	6.42 328	eS	00 32 07.1 +5.0
JAIUV Jalcomulco	6.42 328	eS	00 32 07.1 +5.0
CNJV Cerro Negro	6.53 101	Pn	00 31 45.8 -1.0
LVIG Laguna Verde	6.54 333	eP	00 31 43.7 -3.2
DAIG Los Arroyos	6.91 298	eP	00 31 53.3 +1.4
DAIG Los Arroyos	6.91 298	eS	00 31 53.3 +1.4
PPCL Tochimilco	7.17 315	eP	00 31 59.5 +3.8
PPCL Popocatepetl	7.22 315	eS	00 32 06.6 +4.0
PPPT Xalitlitzintla	7.22 316	eS	00 32 11.1 +3.9
PBXN Popocatepetl	7.26 315	eS	00 32 15.4 -4.4
PBXN Popocatepetl	7.26 315	eS	00 32 02.0 +4.5
PPM Popocatepetl	7.29 316	eS	00 32 19.0 -1.2
PPIG Mezcala	7.32 304	eS	00 32 02.0 +4.5
MEIG Mezcala	7.32 304	eS	00 32 00.8 +3.1
MEIG Mezcala	7.32 304	eS	00 33 14.2 -6.4
CAIG El Cayaco	7.45 296	eP	00 31 59.8 +0.4
CAIG El Cayaco	7.45 296	eS	00 31 59.8 +0.4
YAIG Yautepac	7.45 312	eP	00 32 02.8 +3.3
YAIG Yautepac	7.45 312	eS	00 32 02.8 +3.3
PLIG Platanillo	7.49 308	eP	00 32 15.9 -8.1
PLIG Platanillo	7.49 308	eS	00 32 03.1 +3.1
PLIG Platanillo	7.50 327	eS	00 32 03.1 +3.1
CXUV Coxquihui	7.57 308	eP	00 31 60.0 0.0
CXUV Coxquihui	7.57 327	eS	00 31 60.0 0.0
BOAB BOACO BROADBAN	53 100	Pn	00 31 59.5 -0.9
MZVM La Marquesa	7.78 313	eP	00 32 06.1 +2.2
MZVM La Marquesa	7.78 313	eS	00 32 06.1 +2.2
MAVM Malinalco, Edo	7.83 311	eP	00 32 07.5 +2.8
MAVM Malinalco, Edo	7.83 311	eS	00 32 07.5 +2.8
TEIG Tepich	7.96 36	Pn	00 32 05.0 -0.4
TEIG baz=131,slow=24,SNR=111		Sn	00 33 33.2 -1.4
AOVM Tiapan	7.96 313	eP	00 32 08.9 +3.0
AOVM Tiapan	7.96 313	eS	00 32 08.9 +3.0
INVM La Marquesa	7.96 313	eP	00 32 06.6 -0.1
INVM La Marquesa	7.96 313	eS	00 32 06.6 -0.1
ARIG Puento Sto Nin	8.10 304	eP	00 32 11.7 +3.4
ARIG Puento Sto Nin	8.10 304	eS	00 32 11.7 +3.4
DEIG Demacu	8.44 320	eP	00 32 10.3 -2.8
ZIIG Zihuatajejo	8.73 296	eP	00 32 19.1 +2.3
ZIIG Zihuatajejo	8.73 296	eS	00 32 19.1 +2.3
ACIG Acambay	8.77 315	eP	00 32 09.4 -8.2
JTS Las Juntas de	8.77 113	Pn	00 32 19.9 +1.1
JTS comp=Z,1.1nm,0.3s,baz=299,slow=16,SNR=4.7		Sn	00 33 58.6 -0.1
JTS comp=Z,1.1nm,0.3s,baz=336,slow=20,SNR=4.1		Sn	00 32 18.4 -0.4
CTUV Las Juntas de	8.87 113	Pn	00 32 17.9 -2.5
CTUV Las Juntas de	8.87 328	eP	00 32 31.6 +3.5
MOIG Morelia	9.53 308	eP	00 32 32.4 +4.3
MOIG Morelia	9.53 308	eS	00 32 45.8 +2.8
MMIG Aquila	10.64 296	eP	00 34 33.2 -8.8
MMIG Aquila	10.64 296	eS	00 32 37.1 +3.8
EZSV Ezequiel	11.36 301	eP	00 32 58.5 +5.1
MNGA Volcan de Coli	11.39 301	eP	00 32 58.0 +4.3
INCO Volcan de Coli	11.39 301	eP	00 32 57.8 +3.8
SOMAC Volcano de Coli	11.41 301	eP	00 32 58.8 +4.3
CDAR Ciudad de Arme	11.48 297	eP	00 32 59.3 +3.8
CEGR Campo Tres	11.54 300	eP	00 32 58.1 +2.2
CEGR Campo Tres	11.54 300	eS	00 33 11.6 +2.9
ZAIM Zacatecas	12.49 316	Pn	00 33 13.4 +3.6
ZJG Chamela	12.59 298	eP	00 33 15.7 -1.7
SOR Soro	13.15 46	Pn	00 33 34.4 +3.6
HBVL Hebrónville	14.05 340	Pn	00 33 49.0 +0.3
833A Chaparral WMA	15.46 339	Iamb	00 33 57.3
833A comp=Z,2.9nm,1.1s		Iamb	00 34 03.9 +1.3
HNDO Hondo	16.53 341	Pn	00 34 06.9 -0.3
DRIOD Rio Del	16.90 337	Pn	00 34 18.4 +1.6
JCT Junction City	17.58 341	Iamb	00 34 20.9
JCT comp=Z,4.3nm,1.2s		Iamb	00 34 21.8 +0.8
SAND Sanderson	17.97 334	P	00 34 22.6 +0.1
BRADY Brady	18.10 344	P	00 34 25.8 +2.8
TXAR Lajitas Array	18.14 330	P	00 42 14.0
TXAR comp=Z,0.1nm,0.3s,baz=152,slow=13,SNR=32		LR	00 34 25.0 +2.0
TXAR comp=Z,6.8nm,19.8s,baz=56,slow=40		P	00 34 25.9 -0.1
TXAR Lajitas Arroyo	18.43 349	P	00 34 27.8 +1.5
WHTX Lake Whitney	18.43 349	P	00 34 31.4
OZNA Ozona	18.44 338	Iamb	00 34 31.4
OZNA comp=Z,3.2nm,0.8s		Iamb	00 34 21.8
LPIG La Paz	19.04 305	LR	00 34 33.2 -0.3
352A Blakely	19.11 22	Iamb	00 34 34.7
352A comp=Z,3.3nm,0.7s		Iamb	00 34 39.8
SGCY Sterling City	19.34 339	Iamb	00 34 39.4
PLPT Palo Pinto	19.40 347	Iamb	00 34 42.1
TMB01 Midkiff	19.46 337	Iamb	00 34 41.8
ABTX Abilene, Hawle	19.54 344	Iamb	00 34 44.4
229A Bryant Ranch	19.63 338	Iamb	00 34 41.0 -0.4
235A Perchaven, San	19.69 350	P	00 34 48.2
235A comp=Z,3.5nm,0.9s		Iamb	00 34 43.1 -0.6
LRL Lakeview Retre	20.04 336	P	00 34 44.8 +1.0
ODSA Odessa	20.04 336	Iamb	00 34 48.1
ODSA comp=Z,4.5nm,1.1s		Pn	00 34 47.2 -0.7
129A Stewart Farms	20.25 339	Iamb	00 34 52.2
129A comp=Z,1.4nm,0.7s		Iamb	00 34 48.0 +1.0
SN07 Snyder 07	20.34 341	P	00 34 48.0 +1.0

SN07	comp=Z,2.4nm,0.9s	Iamb	Iamb	00 34 52.0
128A Castleberry Fa	20.46 337	Iamb	Iamb	00 34 52.7
MNTX Cortinas Mount	20.93 330	P	Pn	00 34 55.6 -0.2
X34A Smith Ranch, M	21.03 349	Iamb	Iamb	00 34 54.9 +0.4
X34A comp=Z,2.4nm,1.1s		Iamb	Iamb	00 35 00.2
GOGA Godfrey	21.38 23	Iamb	Iamb	00 34 58.9
Y52A Lilburn	21.57 21	Iamb	Iamb	00 35 01.3
FCAR Ozark Folk Cen	21.93 2	P	P	00 35 03.6 -0.5
DEOK Depew	22.05 353	Iamb	Iamb	00 35 06.2 +0.8
DEOK comp=Z,2.3nm,0.9s		Iamb	Iamb	00 35 08.7
WVT Waverly	22.68 11	P	P	00 35 10.7 -1.4
SDV Santo Domingo	22.72 100	P	P	00 35 12.3 -0.6
319A Douglas	22.79 322	Iamb	Iamb	00 35 14.3 +0.8
319A comp=Z,1.3nm,0.7s		Iamb	Iamb	00 35 20.2
CPCT Cooper Cave	22.86 19	P	P	00 35 13.6 -0.5
BG3 Lake Jocassee	22.99 22	P	P	00 35 16.6 +1.3
JSC Jenkinsville	23.03 26	Iamb	Iamb	00 35 14.8 -0.9
JSC comp=Z,1.2nm,1.0s		Iamb	Iamb	00 35 15.8
PAULI Pauline	23.26 24	Iamb	Iamb	00 35 18.2
PAULI comp=Z,9.4nm,0.7s		Iamb	Iamb	00 35 19.7 +1.2
TKL Tuckaleechee C	23.30 20	P	P	00 35 19.7 +1.2
TKL comp=Z,2.2nm,0.6s,baz=192,slow=12,SNR=4.0		LR	LR	00 44 32.9
TKL comp=Z,1.38nm,19.0s,baz=214,slow=37		Iamb	Iamb	00 35 36.7
TKL Tuckaleechee C	23.30 20	Iamb	Iamb	00 35 36.7
TKL comp=Z,1.7nm,1.2s		Iamb	Iamb	00 35 29.4 +2.7
ANMO Albuquerque	24.12 333	P	P	00 35 29.6 +3.0
ANMO comp=Z,1.4nm,0.6s,baz=146,slow=11,SNR=4.5		P	P	00 35 25.8 -0.8
CCM Cathedral Cave	24.14 4	Iamb	Iamb	00 35 26.4
CCM comp=Z,7.1nm,0.6s		Iamb	Iamb	00 35 28.7 -1.6
R40A Maddies Statio	24.32 2	P	P	00 35 28.9 +0.2
R40A comp=Z,7.1nm,0.6s		Iamb	Iamb	00 35 29.6
TUC Tucson	24.35 322	P	P	00 35 29.6
V55A Taylorsville	24.40 24	Iamb	Iamb	00 35 29.6
V55A comp=Z,1.4nm,0.7s		Iamb	Iamb	00 35 37.5 +3.8
U56A King	25.17 25	Iamb	Iamb	00 35 39.4
U56A comp=Z,1.4nm,0.8s		Iamb	Iamb	00 35 39.4
P40A Paris	25.56 2	Iamb	Iamb	00 35 39.4
P40A comp=Z,6.9nm,0.8s		LR	LR	00 46 04.1
SJG San Juan	26.38 77	LR	LR	00 46 04.1
SJG comp=Z,7.9nm,18.9s,baz=316,slow=36		Iamb	Iamb	00 36 02.7 -0.5
BC3 Big Chuckawall	28.17 318	P	P	00 36 06.1
BC3 comp=Z,10.0nm,1.2s		Iamb	Iamb	00 47 08.6
PFO Pinyon Flats O	28.80 317	LR	LR	00 47 08.6
PFO comp=Z,1.06nm,19.3s,baz=100,slow=35		LR	LR	00 36 39.1 +1.7
PDAR Pinedale Array	32.03 337	P	P	00 36 39.1 +1.7
PDAR comp=Z,0.8nm,0.6s,baz=135,slow=9.4,SNR=4.9		Iamb	Iamb	00 36 46.0 +0.7
ELK Elko	32.94 328	P	P	00 36 46.0 +0.7
ELK comp=Z,1.6nm,0.8s,baz=143,slow=7.7,SNR=6.5		Iamb	Iamb	00 36 48.8 +2.9
NVAR Mina Array Bea	33.00 322	P	P	00 36 48.8 +2.9
NVAR comp=Z,3.9nm,0.7s,baz=144,slow=8.2,SNR=16		LR	LR	00 51 39.8
NVAR comp=Z,1.97nm,18.7s,baz=129,slow=39		LR	LR	00 51 39.8
NVAR comp=Z,3.9nm,0.7s		Iamb	Iamb	00 36 47.8 +1.8
BOAV Mina Array Bea	33.00 322	P	P	00 36 58.3 +1.1
BOAV Boa Vista	34.30 107	Iamb	Iamb	00 37 05.2
BOAV comp=Z,7.8nm,1.1s		Iamb	Iamb	00 37 17.0 +2.8
ULM Lac du Bonnet	36.32 357	P	P	00 37 17.0 +2.8
ULM comp=Z,2.8nm,0.5s,baz=188,slow=9.0,SNR=5.5		Iamb	Iamb	00 55 37.8
YBH Yreka Blue Hor	37.71 332	LR	LR	00 55 37.8
YBH comp=Z,3.9nm,18.6s,baz=112,slow=40		Iamb	Iamb	00 37 42.4
F10A Beach Ranch, E	37.83 323	Iamb	Iamb	00 37 42.4
F10A comp=Z,7.5nm,1.0s		Iamb	Iamb	00 37 42.0 +2.6
LPAZ La Paz	38.93 140	P	P	00 37 34.6 -2.7
LPAZ comp=Z,1.5nm,0.6s,baz=316,slow=3.3,SNR=4.0		Iamb	Iamb	00 38 05.4 +0.8
EDM Edmonton	42.35 342	P	P	00 38 08.0
EDM comp=Z,8.8nm,0.6s		Iamb	Iamb	01 01 33.2
BBB Bella Bella	42.72 331	LR	LR	01 01 33.2
BBB comp=Z,1.28nm,19.7s,baz=308,slow=40		Iamb	Iamb	00 39 11.1 +0.3
YKAW Yellowknife Wh	50.83 347	P	P	00 39 11.1 +0.3
YKAW Yellowknife Ar	50.86 347	P	P	00 39 11.7 +0.6
YKAW comp=Z,3.3nm,0.7s,baz=152,slow=6.7,SNR=4.1		LR	LR	01 03 16.0
YKA comp=Z,3.5nm,18.2s,baz=10.0,slow=39		LR	LR	00 39 10.9 -0.6
YKAW Yellowknife Wh	50.92 347	P	P	00 39 14.8
YKAW comp=Z,5.5nm,0.6s		Iamb	Iamb	00 39 29.3 +1.1
CPUP Villa Florida	53.09 139	P	P	00 39 27.6 -0.7
CPUP comp=Z,1.1nm,0.7s,baz=315,slow=7.1,SNR=3.2		Iamb	Iamb	00 39 32.9
CPUP Villa Florida	53.09 139	P	P	00 39 27.6 -0.7
CPUP comp=Z,8.8nm,1.5s		Iamb	Iamb	00 40 05.4
M29M Somme Creek	58.04 337	Iamb	Iamb	00 40 17.9
M29M comp=Z,7.7nm,0.8s		Iamb	Iamb	00 40 18.4 +0.3
G31M Satah River	59.47 343	Iamb	Iamb	00 40 36.5
G31M comp=Z,5.8nm,0.8s		Iamb	Iamb	00 40 34.2 +0.6
INK Inuvik	60.20 344	P	P	00 40 34.2 +0.6
E26M Babbage River	62.09 343	Iamb	Iamb	00 40 35.5 +0.8
E26M comp=Z,4.8nm,1.0s		Iamb	Iamb	00 40 33.6 0.0
ILAR Eielson Array	62.46 337	P	P	00 40 35.5 +0.8
ILAR comp=Z,3.5nm,1.0s,baz=145,slow=4.8,SNR=14		Iamb	Iamb	00 41 05.5
ILAR Eielson Array	62.46 337	P	P	00 41 05.5
RND Reindeer	62.62 335	P	P	00 41 04.7
E25G Arctic Village	63.66 341	Iamb	Iamb	00 41 05.8
D22K Aiykyak River	66.34 340	Iamb	Iamb	00 41 05.8
D22K comp=Z,4.5nm,1.1s		Iamb	Iamb	00 41 07.2
H19K Roundabout Mou	66.47 336	Iamb	Iamb	00 41 07.2
H19K comp=Z,4.2nm,0.9s		Iamb	Iamb	00 42 25.2 +1.0
F20K Avaragat Lake	66.71 338	Iamb	Iamb	00 42 25.2 +1.0
F20K comp=Z,4.8nm,0.8s		Iamb	Iamb	00 42 24.3 +0.1
F15K North Star Dit	69.80 335	Iamb	Iamb	00 42 25.2 -0.3
F15K comp=Z,4.5nm,0.9s		Iamb	Iamb	00 42 26.9
ESDC Sonseca Array	80.74 51	P	P</	

MLh3.0/15
ISC 15 01:48:51.2+1.3, 34727N, 0°04:27.65E, 0.03, h27km, 10km,
n144, c1979/200, mb3.9/10, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like KARP, ZKR, AKAS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like XYLS, DION, ATHA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like H03N2, H03N1, H10N3, etc.

ISK 15 02:01:17.4, 36°48N, 28°88E, h6km, ML2.4/15
ARD 15 02:01:17.3, 36°45N, 28°30E, h7km, 2km, ML2.8
ATH 15 02:01:19.1, 36°31N, 28°87E, h26km, 3km, ML2.4/4

Manual Solution by I.Dede First location: 2020/01/15
02:03:10, This location: 2020/01/15 06:40:15 ML
Amplitudes are expressed in micrometers. All distances
are expressed in degrees Latitude uncertainty: 3 km;
Longitude uncertainty: 2 km

ISC 15 02:01:16.8+1.0, 36°45N, 0°03:28.87E, 0.02, h15km, 8km,
n43, c068/54, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like FETY, IZZE, SABU, etc.

IDC 15 02:03:27.4+3.0, 4°64'S, 101°91'E, h37km, 6km, mb3.4/5,
mbmp3.6/5, Error ellipse: s-maj=131.4km s-min=18.2km
b2=54.0

DJA 15 02:03:32.0+1.0, 4°57'S, 101°22'E, h25km, 8km, M3.9/10,
mb4.5/1, MLV3.6/10

ISC 15 02:03:29.4+0.9, 4°34'S, 0°08:102.20E, 0.08, h37km, n27,
c275/22, mb3.9/5, Southern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like UBISI, MNAI, KSI, etc.

IDC 15 01:59:19.4+5.1, 32.778S, 178°84W, h0km, mb3.8/3,
mbmp3.8/3, Error ellipse: s-maj=210.2km
s-min=52.7km az=156.0, South of Kermadec Islands

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

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Palmer, Augustine One, Kokkoh Hill, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MENT, J17K, I21K, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like H08S2, H08S1, WUS, etc.

Table with 5 columns: Station Name, Az, Phase ID, Time, Res. Includes stations like Maungataniwha, Aropoanui, Ngauruhoe, Wanganui.

ASRS 15 06:31:07.0, 0.8, 54.1; 12N:86.43E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

ISC 15 06:31:11.0, 0.2, 9.54; 11N:86.31E, h0km, mbtmp3.7, ML2.7/2, Error ellipse: s-maj=22.0km s-min=12.0km az=64.0, Southwestern Siberia

Table with 5 columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZALESOVO INFRA, Zalesovo Beam, Kurbatov Arra, MKAR Makanchi Array.

SDD 15 06:34:12.3, 2.3, 1.7; 95N:66.62W, h20km, 30km, MD3.6, ML3.6, MW3.7, Presumed earthquake

PTWC 15 06:34:13.18, 0.0N:66.70W, h10km, M4.0/14 NEIC 15 06:34:14.6, 1.8, 18.028N:0.010:66.755W:0.009, h10km, 1km, ML3.8/36, MD3.4/10(RSPR), Error ellipse: s-maj=2.5km s-min=1.7km az=141.0

OSPL 15 06:34:14.1, 0.4, 1.7; 98N:66.74W, h20km, 2km, ML3.4, Presumed earthquake

RSPR 15 06:34:14.3, 18.01N:66.74W, h17km, MD3.4/10 ISC 15 06:34:13.5, 0.8, 17.99N:0.003:66.72W:0.02, h24km, 4km, n82, r132/112, 14C-8D, Puerto Rico region

Table with 5 columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OBIP Obispado Ponce, OBIP Obispado Ponce, OBIP Obispado Ponce, OBIP Obispado Ponce.

OBIP Obispado Ponce 0.12 64 Op P 06 34 18.1 -0.1

OBIP Obispado Ponce 0.12 64 P S 06 34 17.8 -0.4

OBIP Obispado Ponce 0.12 64 P S 06 34 20.6 -0.7

OBIP Obispado Ponce 0.12 64 P S 06 34 18.1 -0.1

OBIP Obispado Ponce 0.12 64 P S 06 34 20.6 -0.3

OBIP Obispado Ponce 0.12 64 P S 06 34 22.6

OBIP Obispado Ponce 0.12 64 P S 06 34 18.2 0.0

OBIP Obispado Ponce 0.12 64 P S 06 34 21.0 -0.2

OBIP Obispado Ponce 0.12 64 P S 06 34 18.3 -0.1

OBIP Obispado Ponce 0.12 64 P S 06 34 18.3 -0.1

OBIP Obispado Ponce 0.12 64 P S 06 34 22.0

OBIP Obispado Ponce 0.12 64 P S 06 34 22.1

OBIP Obispado Ponce 0.12 64 P S 06 34 19.4 -0.5

OBIP Obispado Ponce 0.12 64 P S 06 34 20.2 -0.2

OBIP Obispado Ponce 0.12 64 P S 06 34 25.5

OBIP Obispado Ponce 0.12 64 P S 06 34 25.5

OBIP Obispado Ponce 0.12 64 P S 06 34 20.1 -0.3

OBIP Obispado Ponce 0.12 64 P S 06 34 24.7 -0.5

OBIP Obispado Ponce 0.12 64 P S 06 34 24.8 -0.4

OBIP Obispado Ponce 0.12 64 P S 06 34 25.4

OBIP Obispado Ponce 0.12 64 P S 06 34 20.3 -0.2

OBIP Obispado Ponce 0.12 64 P S 06 34 20.8 -0.6

OBIP Obispado Ponce 0.12 64 P S 06 34 25.9

OBIP Obispado Ponce 0.12 64 P S 06 34 25.9

OBIP Obispado Ponce 0.12 64 P S 06 34 25.9 -0.9

OBIP Obispado Ponce 0.12 64 P S 06 34 25.4 -1.3

OBIP Obispado Ponce 0.12 64 P S 06 34 20.4 -1.0

Table with 5 columns: Station Name, Az, Phase ID, Time, Res. Includes stations like Isla Desecheo, Col San Antoni, HUMP.

HUMP Isla Desecheo 0.82 299 P S 06 34 28.2 -0.8

HUMP Col San Antoni 0.85 79 P S 06 34 39.6 -0.1

HUMP HUMP 0.85 79 P S 06 34 41.9 -0.1

HUMP comp=Z, 3um, 0.2s 06 34 45.9

HUMP comp=Z, 2um, 0.2s 06 34 41.4 -0.2

HUMP Col San Antoni 0.85 79 P S 06 34 29.2 -0.3

HUMP Col San Antoni 0.85 79 P S 06 34 41.4 -0.1

HUMP Col San Antoni 0.85 79 P S 06 34 41.4 -0.2

HUMP Punta Cana, DR 1.66 289 P S 06 34 42.5 -0.9

HUMP PCDDR 06 35 06.8 +2.9

HUMP PCDDR 06 35 14.7

HIDR Higuay Centro 1.99 288 P S 06 34 47.1 +1.5

HIDR Higuay Centro 06 35 12.8 -0.4

HIDR Higuay Centro 06 35 20.4

MIDR Miches 2.42 295 P S 06 34 53.5 +1.9

MIDR Miches 2.42 295 P S 06 35 28.8 -1.5

MIDR Miches 06 35 31.8

DR12 Loma Pena Alta 2.65 288 P S 06 34 56.7 +2.0

HATOM Hato Mayor del 2.65 288 P S 06 34 57.4 +2.7

HATOM Hato Mayor del 06 35 40.9

DR08 Loma La Noviza 3.28 288 P S 06 35 05.5 +2.1

MBFL Flemmings, Mon 4.48 105 P S 06 35 20.4 +0.4

MBFL Flemmings, Mon 4.48 105 P S 06 35 09.1 -2.3

MBWH Windy Hill 4.50 105 P S 06 35 10.1 +2.3

MBWH Windy Hill 4.50 105 P S 06 35 08.8 -3.2

MLYT Lee's Yard 4.51 106 P S 06 35 21.0 +0.6

MLYT Lee's Yard 4.51 106 P S 06 36 09.1 -3.0

DHSZ Broadband at M 5.04 109 P S 06 35 29.4 +1.8

DHSZ Broadband at M 5.04 109 P S 06 36 23.1 -2.0

ATGZ Broadband at L 5.14 111 P S 06 35 30.0 +0.6

ATGZ Broadband at L 5.14 111 P S 06 36 24.4 -3.2

MMMLZ Guadelupe Bro 5.21 111 P S 06 36 25.2 -4.1

CBE Ff, Capeste 5.25 111 P S 06 35 33.6 +3.0

PAPH Port-au-Prince 5.33 277 P S 06 35 33.0 +1.4

DSLZ La Disserade, G 5.68 116 P S 06 35 35.0 +0.6

DSLBS Salisbury 5.68 116 P S 06 35 34.1 -6.9

BIM Bigot 6.43 122 P S 06 35 47.2 +0.4

SDV Santo Domingo 9.81 203 P S 06 36 35.6 +2.2

NNC 15 07:02:11.2, 0.5, 42.84N:76.54E, h0km, mb2.8, mpv2.7, Error ellipse: s-maj=3.7km s-min=1.7km az=171.0

KRNET 15 07:02:11.3, 0.1, 42.83N:76.55E, h19km, mb2.4 SOME 15 07:02:11.6, 1.0, 42.84N:0.02:76.54E:0.02, h10km, 9km, n78, r055/55, 15C-1D, Lake Issyk-Kul region

Table with 5 columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MTBS Maitube, MTBS Maitube, MTBS Maitube.

MTBS Maitube 0.31 344 P S 07 02 17.6 -0.2

MTBS Maitube 0.31 344 P S 07 02 22.3 +0.3

MTBS Maitube 0.31 344 P S 07 02 17.6 -0.2

MTBS Maitube 0.31 344 P S 07 02 22.2 +0.3

TNSS Tian-Shan 0.36 56 P S 07 02 18.7 -0.2

TNSS Tian-Shan 0.36 56 P S 07 02 23.8 +0.1

TNSS Tian-Shan 0.36 56 P S 07 02 18.7 -0.2

TNSS Tian-Shan 0.36 56 P S 07 02 23.7 0.0

KST Kastek 0.47 296 P S 07 02 20.9 +0.1

KST Kastek 0.47 296 P S 07 02 27.8 +0.6

KST Kastek 0.47 296 P S 07 02 20.9 +0.1

KST Kastek 0.47 296 P S 07 02 27.8 +0.6

KNDC Almaty 0.49 39 P S 07 02 20.9 -0.3

KNDC Almaty 0.49 39 P S 07 02 27.9 +0.2

MDOK Medeo 0.49 48 P S 07 02 20.9 -0.4

MDOK Medeo 0.49 48 P S 07 02 27.6

BOOM Boomsoko usch 0.56 232 P S 07 02 22.1 -0.4

BOOM Boomsoko usch 0.56 232 P S 07 02 29.9 -0.1

KOTYS Kotyrbulak 0.58 46 P S 07 02 22.8 0.0

KOTYS Kotyrbulak 0.58 46 P S 07 02 31.0 +0.5

KOTYS Kotyrbulak 0.58 46 P S 07 02 22.8 0.0

KOTYS Kotyrbulak 0.58 46 P S 07 02 31.0 +0.5

ULHL Ulahol 0.63 201 P S 07 02 23.5 -0.3

ULHL Ulahol 0.63 201 P S 07 02 32.5 +0.4

DGS Degeres 0.70 306 P S 07 02 24.1 -0.9

DGS Degeres 0.70 306 P S 07 02 33.3 -0.9

DGS Degeres 0.70 306 P S 07 02 24.1 -0.9

DGS Degeres 0.70 306 P S 07 02 33.3 -0.9

TKM2 Tokmak 2 0.70 277 P S 07 02 25.1 -0.1

TKM2 Tokmak 2 0.70 277 P S 07 02 35.0 +0.6

KDJ Kajisay 0.85 146 P S 07 02 38.8 -0.2

KDJ Kajisay 0.85 146 P S 07 02 31.5 -0.7

KRBS Karabastau 2.8m, 0.1s S S 07 02 45.9 -0.2

KRBS Karabastau 1.07 324 P S 07 02 31.5 -0.7

KRBS Karabastau 0.7m, 0.1s S S 07 02 45.8 -0.2

CHMS Chumyshy 1.33 278 P S 07 02 35.7 -0.5

CHMS Chumyshy 1.67 34 P S 07 02 53.8 -0.2

ARXS Arharly 1.67 34 P S 07 02 41.8 -0.6

ARXS Arharly 1.67 34 P S 07 03 03.9 +0.4

ARXS Arharly 1.67 34 P S 07 02 41.8 -0.6

ARXS Arharly 1.67 34 P S 07 03 03.9 +0.4

KPKS Kokpek 1.69 67 P S 07 02 43.3 -0.7

KPKS Kokpek 0.1m, 0.1s S S 07 03 06.1 +0.2

UZB Uzynbulak 1.85 79 P S 07 02 45.2 -0.3

UZB Uzynbulak 1.85 79 P S 07 03 09.4 +0.7

UZB Uzynbulak 1.85 79 P S 07 02 45.2 -0.3

UZB Uzynbulak 1.85 79 P S 07 03 09.4 +0.7

ARLS Aral 1.91 240 P S 07 02 45.1 +0.7

ARLS Aral 2.21 76 P S 07 03 10.8 +0.2

PDGK Podgornyye 2.21 76 P S 07 02 49.4 +0.8

PDGK Podgornyye 3.1m, 1.4s S S 07 03 18.3 -1.0

MRKS Merke 2.44 269 P S 07 02 55.7 0.0

MRKS Merke 0.1m, 0.1s S S 07 03 27.4 +1.5

RSPR 15 07:10:40.7, 17.81N:66.86W, h8km NEIC 15 07:10:40.1, 2.1, 17.78N:0.03:66.861W:0.005, h10km, 2km, ML2.7/34, ML2.4(RSPR), 1C-8D, Error ellipse: s-maj=4.4km s-min=2.8km az=354.0, Puerto Rico region

Table with 5 columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, GBPR Guanica, Bosqu, GBPR Guanica, Bosqu.

GBPR Guanica, Bosqu 0.20 355 P S 07 10 44.5 +0.2

GBPR Guanica, Bosqu 0.20 355 P S 07 10 47.4 +0.3

Table with 5 columns: Station Name, Az, Phase ID, Time, Res. Includes stations like Guanica, Bosqu, Magueyes Islan, Magueyes Islan.

GBPR Guanica, Bosqu 0.20 355 P S 07 10 44.5 +0.2

GBPR Magueyes Islan 0.26 318 P S 07 10 45.7 +0.4

GBPR Magueyes Islan 0.26 318 P S 07 10 49.4 +0.4

GBPR Magueyes Islan 0.26 318 P S 07 10 55.1

GBPR Magueyes Islan 0.26 318 P S 07 10 55.2

GBPR Magueyes Islan 0.26 318 P S 07 10 45.7 +0.4

GBPR Magueyes Islan 0.26 318 P S 07 10 49.4 +0.4

GBPR Magueyes Islan 0.26 318 P S 07 10 55.1

GBPR Magueyes Islan 0.26 318 P S 07 10 55.2

GBPR Magueyes Islan 0.26 318 P S 07 10 45.7 +0.4

GBPR Magueyes Islan 0.26 318 P S 07 10 49.4 +0.4

GBPR Magueyes Islan 0.26 318 P S 07 10 55.1

GBPR Magueyes Islan 0.26 318 P S 07 10 55.2

GBPR Magueyes Islan 0.26 318 P S 07 10 45.7 +0.4

GBPR Magueyes Islan 0.26 318 P S 07 10 49.4 +0.4

GBPR Magueyes Islan 0.26 318 P S 07 10 55.1

GBPR Magueyes Islan 0.26 318 P S 07 10 55.2

GBPR Magueyes Islan 0.26 318 P S 07 10 45.7 +0.4

GBPR Magueyes Islan 0.26 318 P S 07 10 49.4 +0.4

GBPR Magueyes Islan 0.26 318 P S 07 10 55.1

GBPR Magueyes Islan 0.26 318 P S 07 10 55.2

GBPR Magueyes Islan 0.26 318 P S 07 10 45.7 +0.4

GBPR Magueyes Islan 0.26 318 P S 07 10 49.4 +0.4

GBPR Magueyes Islan 0.26 318 P S 07 10 55.1

GBPR Magueyes Islan 0.26 318 P S 07 10 55.2

GBPR Magueyes Islan 0.26 318 P S 07 10 45.7 +0.4

GBPR Magueyes Islan 0.26 318 P S 07 10 49.4 +0.4

GBPR Magueyes Islan 0.26 318 P S 07 10 55.1

GBPR Magueyes Islan 0.26 318 P S 07 10 55.2

GBPR Magueyes Islan 0.26 318 P S 07 10 45.7 +0.4

GBPR Magueyes Islan 0.26 318 P S 07 10 49.4 +0.4

GBPR Magueyes Islan 0.26 318 P S 07 10 55.1

GBPR Magueyes Islan 0.26 318 P S 07 10 55.2

GBPR Magueyes Islan 0.26 318 P S 07 10 45.7 +0.4

GBPR Magueyes Islan 0.26 318 P S 07 10 49.4 +0.4

GBPR Magueyes Islan 0.26 318 P S 07 10 55.1

GBPR Magueyes Islan 0.26 318 P S 07 10 55.2

GBPR Magueyes Islan 0.26 318 P S 07 10 45.7 +0.4

GBPR Magueyes Islan 0.26 318 P S 07 10 49.4 +0.4

GBPR Magueyes Islan 0.26 318 P S 07 10 55.1

GBPR Magueyes Islan 0.26 318 P S 07 10 55.2

GBPR Magueyes Islan 0.26 318 P S 07 10 45.7 +0.4

GBPR Magueyes Islan 0.26 318 P S 0

15d 7h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KUR16, KUR17, KUR05, etc.

IDC 15 07:44:31.4, 1.1, 16.15N, 98.03W, h0km, mb4.3/10, mbmp4.3/12, ML2.8/3, MS3.8/11, Error ellipse: s-maj=24.0km s-min=12.9km az=23.0

NEIC 15 07:44:33.7, 2.5, 16.32N, 0.05, 98.03W, 0.05, 10km, 5km, mb4.8/367, Md4.9/201(MEX), Error ellipse: s-maj=7.8km s-min=6.0km az=215.0

MEX 15 07:44:35.1, 0.6, 16.23N, 98.06W, h8km, 3km, MD4.9, ISC 15 07:44:33.3, 1.2, 16.22N, 0.03, 98.09W, 0.02, 113km, 7km, n643, r157/600, mb4.9/148, MS3.7/14, Near coast of Guerrero

Main station list table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous stations from PNIG to ARIG.

2020 JAN

Main station list table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous stations from MAVM to CHJU.

2020 JAN 996

Main station list table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists numerous stations from EZSV to 154A.

SFX	comp=Z,53nm,0.8s	21.25 317	P	P	07 49 19.1	-0.1
PBMO	San Felipe	21.25 317	I	I	07 49 25.8	
GOGA	Poplar Bluff	21.61 35	I	I	07 49 30.0	
T42A	comp=Z,43nm,0.8s	21.61 35	I	I	07 49 30.0	
PARMO	GOGA	21.61 35	I	I	07 49 30.0	
X51A	Van Buren	21.64 15	I	I	07 49 34.0	
SWET	comp=Z,23nm,0.9s	21.67 18	P	P	07 49 21.0	-2.6
WWT	Parma	21.79 31	I	I	07 49 31.9	
WWT	Catho Bluff	21.79 31	I	I	07 49 31.9	
V48A	Sewanee	21.82 28	I	I	07 49 33.9	
R32A	comp=Z,37nm,0.9s	21.83 23	P	P	07 49 23.7	-1.7
CGM3	Waverly	21.83 23	P	P	07 49 35.7	
CBKS	comp=Z,31nm,0.8s	21.89 25	I	I	07 49 36.9	
CCM	Smith Brothers	21.89 25	I	I	07 49 36.9	
CCM	comp=Z,41nm,0.8s	22.12 35	I	I	07 49 37.7	
R40A	Long Quarter	22.12 38	I	I	07 49 40.5	
CPCT	CGM3	22.18 18	I	I	07 49 40.5	
FVM	Cape Girardeau	22.28 18	I	I	07 49 40.5	
S44A	comp=Z,85nm,1.7s	22.56 357	I	I	07 49 47.1	
SIUC	Cedar Bluff	22.56 357	I	I	07 49 47.1	
MVCO	comp=Z,68nm,1.2s	22.57 14	P	P	07 49 31.9	-1.4
T47A	Catho Bluff	22.57 14	P	P	07 49 31.9	-1.4
KSC0	comp=Z,34nm,1.1s	22.57 12	I	I	07 49 35.1	
BG3	Madidi	22.66 30	I	I	07 49 44.2	
TKL	Cooper Cave	22.66 30	I	I	07 49 44.2	
IRM	comp=Z,26nm,0.9s	22.71 16	I	I	07 49 43.7	
PAUL	French Village	22.71 16	I	I	07 49 43.7	
PAUL	comp=Z,25nm,1.0s	22.77 18	I	I	07 49 44.5	
W3A	S44A	22.77 18	I	I	07 49 44.5	
W3A	Carbondale	22.77 18	I	I	07 49 44.5	
W3A	comp=Z,85nm,0.9s	22.80 18	I	I	07 49 44.7	
W3A	SIUC	22.80 18	I	I	07 49 44.7	
W3A	Southern Illin	22.80 18	I	I	07 49 44.7	
W3A	comp=Z,41nm,1.0s	22.83 3	I	I	07 49 46.5	
W3A	KSU1	22.83 3	I	I	07 49 46.5	
W3A	Mesa Verde	22.85 338	I	I	07 49 47.9	
W3A	comp=Z,44nm,1.0s	22.86 23	I	I	07 49 48.3	
W3A	T47A	22.86 23	I	I	07 49 48.3	
W3A	Sharon Grove	23.05 351	I	I	07 49 47.2	
W3A	KSC0	23.05 351	I	I	07 49 47.2	
W3A	Kaye Shedlock	23.05 351	I	I	07 49 47.2	
W3A	comp=Z,68nm,1.5s	23.10 33	I	I	07 49 46.0	
W3A	BG3	23.10 33	I	I	07 49 46.0	
W3A	Lake Jocassee	23.10 33	I	I	07 49 46.0	
W3A	comp=Z,24nm,0.7s	23.19 31	LR	LR	08 02 01.2	
W3A	TKL	23.19 31	LR	LR	08 02 01.2	
W3A	Tuckaleechee C	23.19 31	LR	LR	08 02 01.2	
W3A	comp=Z,128nm,18.3s	23.34 41	P	P	07 49 39.3	-2.0
W3A	New Hope	23.34 41	P	P	07 49 39.3	-2.0
W3A	Jenkinsville	23.50 37	I	I	07 49 51.3	
W3A	IRM	23.50 37	I	I	07 49 51.3	
W3A	Iron Mountain	23.55 322	I	I	07 49 54.6	
W3A	comp=Z,30nm,1.5s	23.58 35	I	I	07 49 51.3	
W3A	PAUL	23.58 35	I	I	07 49 51.3	
W3A	Pauline	23.58 35	I	I	07 49 51.3	
W3A	comp=Z,29nm,0.9s	23.66 9	I	I	07 49 45.0	
W3A	P38A	23.66 9	I	I	07 49 45.0	
W3A	Dawn	23.66 9	I	I	07 49 45.0	
W3A	comp=Z,40nm,1.1s	23.68 32	I	I	07 49 55.2	
W3A	V53A	23.68 32	I	I	07 49 55.2	
W3A	Saluda	23.68 32	I	I	07 49 55.2	
W3A	comp=Z,21nm,1.0s	23.76 331	I	I	07 49 58.3	
W3A	U15A	23.76 331	I	I	07 49 58.3	
W3A	North Rim	23.76 331	I	I	07 49 58.3	
W3A	comp=Z,38nm,1.3s	23.94 320	P	LR	07 49 48.6	+1.4
W3A	PMD	23.94 320	P	LR	07 49 48.6	+1.4
W3A	Palm Desert	23.94 320	P	LR	07 49 48.6	+1.4
W3A	comp=Z,19nm,18.3s	23.96 320	LR	LR	07 58 51.4	
W3A	PFO	23.96 320	LR	LR	07 58 51.4	
W3A	Pinyon Flats O	23.96 320	P	P	07 49 48.1	+0.5
W3A	Kings Mountain	24.08 35	I	I	07 49 56.9	
W3A	comp=Z,38nm,0.9s	24.08 35	I	I	07 49 56.9	
W3A	OLIL	24.08 35	I	I	07 49 56.9	
W3A	Olney	24.08 35	I	I	07 49 56.9	
W3A	comp=Z,37nm,1.0s	24.22 37	I	I	07 49 59.0	
W3A	BIRD	24.22 37	I	I	07 49 59.0	
W3A	Birdtown, Kers	24.22 37	I	I	07 49 59.0	
W3A	comp=Z,58nm,1.4s	24.26 23	P	P	07 49 49.2	-0.9
W3A	WCI	24.26 23	P	P	07 49 49.2	-0.9
W3A	Wyandotte Cave	24.26 23	P	P	07 49 49.2	-0.9
W3A	ISCO	24.29 346	I	I	07 49 54.4	
W3A	Idaho Springs	24.29 346	I	I	07 49 54.4	
W3A	comp=Z,32nm,0.9s	24.39 346	I	I	07 49 54.4	
W3A	KNB	24.39 346	I	I	07 49 54.4	
W3A	Kanab	24.39 346	I	I	07 49 54.4	
W3A	comp=Z,20nm,1.1s	24.49 331	I	I	07 50 06.1	
W3A	P43A	24.49 331	I	I	07 50 06.1	
W3A	Skaggs, Pawnee	24.49 331	I	I	07 50 06.1	
W3A	comp=Z,44nm,1.1s	24.50 16	I	I	07 50 00.7	
W3A	V55A	24.50 16	I	I	07 50 00.7	
W3A	Taylorville	24.50 16	I	I	07 50 00.7	
W3A	comp=Z,29nm,0.8s	24.56 34	I	I	07 50 01.9	
W3A	R49A	24.56 34	I	I	07 50 01.9	
W3A	Shelbyville	24.56 34	I	I	07 50 01.9	
W3A	comp=Z,50nm,1.5s	24.75 25	I	I	07 50 01.7	
W3A	S51A	24.75 25	I	I	07 50 01.7	
W3A	Beattyville	24.75 25	I	I	07 50 01.7	
W3A	comp=Z,19nm,0.7s	24.88 28	I	I	07 50 04.2	
W3A	OTAV	24.88 28	I	I	07 50 04.2	
W3A	Olavalo	24.88 28	I	I	07 50 04.2	
W3A	comp=Z,23nm,1.0s	25.05 127	P	P	07 49 57.9	0.0
W3A	R50A	25.05 127	P	P	07 49 57.9	0.0
W3A	Paraiso	25.05 127	P	P	07 49 57.9	0.0
W3A	comp=Z,33nm,1.1s	25.09 26	I	I	07 50 06.1	
W3A	BGNE	25.09 26	I	I	07 50 06.1	
W3A	Belgrade	25.09 26	I	I	07 50 06.1	
W3A	comp=Z,36nm,1.1s	25.19 13	I	I	07 50 07.7	
W3A	N41A	25.19 13	I	I	07 50 07.7	
W3A	Harden Midland	25.19 13	I	I	07 50 07.7	
W3A	comp=Z,24nm,0.8s	25.19 13	I	I	07 50 07.7	
W3A	SRU	25.19 13	I	I	07 50 07.7	
W3A	San Rafael Swe	25.19 13	I	I	07 50 07.7	
W3A	comp=Z,22nm,0.9s	25.27 337	I	I	07 50 11.2	
W3A	Q16A	25.27 337	I	I	07 50 11.2	
W3A	Castle Valley	25.27 337	I	I	07 50 11.2	
W3A	comp=Z,30nm,0.9s	25.36 336	P	P	07 50 01.6	+1.3
W3A	Q16A	25.36 336	P	P	07 50 01.6	+1.3
W3A	Preston Nutter	25.36 336	P	P	07 50 01.6	+1.3
W3A	comp=Z,16nm,0.9s	25.62 338	I	I	07 50 16.2	
W3A	P18A	25.62 338	I	I	07 50 16.2	
W3A	Milroy	25.62 338	I	I	07 50 16.2	
W3A	comp=Z,23nm,0.9s	25.66 23	I	I	07 50 10.9	
W3A	P48A	25.66 23	I	I	07 50 10.9	
W3A	Butcher Ranch,	25.67 337	I	I	07 50 14.7	
W3A	P17A	25.67 337	I	I	07 50 14.7	
W3A	comp=Z,15nm,1.0s	25.67 337	I	I	07 50 14.7	
W3A	RDMU	25.67 337	I	I	07 50 14.7	
W3A	Red Mountain	25.67 337	I	I	07 50 14.7	
W3A	comp=Z,21nm,1.0s	26.23 340	I	I	07 50 25.5	
W3A	MPU	26.23 340	I	I	07 50 25.5	
W3A	Maple Canyon	26.23 340	I	I	07 50 25.5	
W3A	comp=Z,14nm,0.9s	26.48 336	I	I	07 50 16.1	
W3A	BSUT	26.48 336	I	I	07 50 16.1	
W3A	Blindstream Ca	26.48 336	I	I	07 50 16.1	
W3A	comp=Z,13nm,0.9s	26.61 338	I	I	07 50 17.5	
W3A	VES	26.61 338	I	I	07 50 17.5	
W3A	Vestal, Richg	26.61 338	I	I	07 50 17.5	
W3A	comp=Z,19nm,1.1s	27.06 320	P	P	07 50 15.4	-0.1
W3A	S57A	27.06 320	P	P	07 50 15.4	-0.1
W3A	Dark Hollow, R	27.30 34	I	I	07 50 27.9	
W3A	K22A	27.30 34	I	I	07 50 27.9	
W3A	Casper	27.30 34	I	I	07 50 27.9	
W3A	comp=Z,32nm,1.2s	27.32 346	I	I	07 50 28.6	
W3A	TCUT	27.32 346	I	I	07 50 28.6	
W3A	Toone Canyon	27.32 346	I	I	07 50 28.6	
W3A	comp=Z,22nm,0.9s	27.36 338	I	I	07 50 32.1	
W3A	JFWS	27.36 338	I	I	07 50 32.1	
W3A	Jewell Farm	27.36 338	I	I	07 50 32.1	
W3A	comp=Z,30nm,0.9s	27.44 13	I	I	07 50 26.9	
W3A	T59A	27.44 13	I	I	07 50 26.9	
W3A	Double "B" Far	27.57 37	I	I	07 50 28.1	
W3A	SDV	27.57 37	I	I	07 50 28.1	
W3A	Santo Domingo	27.57 102	LR	LR	08 03 00.5	
W3A	comp=Z,120nm,19.1s	27.75 102	P	P	07 50 23.2	+1.1
W3A	SDV	27.75 102	P	P	07 50 23.2	+1.1
W3A	Santo Domingo	27.75 102	P	P	07 50 23.2	+1.1
W3A	SDV	27.75 102	P	P	07 50 23.2	+1.1
W3A	comp=Z,12nm,0.8s	28.04 36	I	I	07 50 33.2	
W3A	R58B	28.04 36	I	I	07 50 33.2	
W3A	Mineral	28.04 36	I	I	07 50 33.2	
W3A	comp=Z,13nm,0.9s	28.22 342	I	I	07 50 39.9	
W3A	BW06	28.22 342	I	I	07 50 39.9	
W3A	Boulder Array	28.22 342	I	I	07 50 39.9	
W3A	comp=Z,15nm,1.1s	28.22 342	P	P	07 50 27.1	+0.9
W3A	PDAR	28.22 342	P	P	07 50 27.1	+0.9
W3A	Pinedale Array	28.22 342	P	P	07 50 27.1	+0.9
W3A	comp=Z,1.5nm,0.8s	28.22 342	LR	LR	08 02 54.0	
W3A	PDAR	28.22 342	LR	LR	08 02 54.0	
W3A	comp=Z,208nm,20.6s	28.30 11	I	I	07 50 27.0	
W3A	I40A	28.30 11	I	I	07 50 27.0	
W3A	Norwalk	28.30 11	I	I	07 50 27.0	
W3A	comp=Z,25nm,1.2s	28.37 325	P	P	07 50 29.9	+2.3
W3A	NVAR	28.37 325	P	P	07 50 29.9	+2.3
W3A	Mina Array Bea	28.37 325	P	P	07 50 29.9	+2.3
W3A	comp=Z,6.6nm,1.0s	28.37 325	LR	LR	08 02 09.6	
W3A	NVAR	28.37 325	LR	LR	08 02 09.6	
W3A	comp=Z,209nm,18.3s	28.37 325	P	P	07 50 29.2	+1.7
W3A	NVAR	28.37 325	P	P	07 50 29.2	+1.7
W3A	Mina Array Bea	28.37 325	P	P	07 50 29.2	+1.7
W3A	ELK	28.37 325	P	P	07 50 29.2	+1.7
W3A	comp=Z,217nm,19.3					

15d 7h

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Class, and Status. Includes stations like D28M Stokes Point, E27K Coleen River, etc.

2020 JAN

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Class, and Status. Includes stations like L16K Owhat River, C23K Itkillik River, etc.

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Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Class, and Status. Includes stations like MKAR Makonchi Array, MKAR I34MN SONGINO INFRAS, etc.

HNS	comp=Z,2µm,18.4s	LR	LR						
BWNR	Bhubaneshwar	48.30	309	eP	P	08 04 08.4	-3.2		
BWNR	comp=Z,102nm,0.4s			Iamb	Iamb	08 04 12.3			
MAJO	Matsushiro	48.40	15	P	P	08 04 11.7	-0.4		
MAJO	Matsushiro	48.40	15	P	P	08 04 11.3	-0.7		
MAJO	Matsushiro	48.40	15	P	P	08 04 11.7	-0.4		
MAJO	comp=Z,336nm,1.2s			pmax	pmax				
MJAR	Matsushiro Arr	48.40	15	P	P	08 04 10.9	-1.1		
MJAR	comp=Z,185nm,1.0s,baz=191,slow=8.3,SNR=172			ScP	ScP	08 09 36.0	+3.3		
MJAR	comp=Z,1.7nm,0.6s,baz=204,slow=5.5,SNR=4.3								
MJAR	Matsushiro Hrr	48.40	15	P	P	08 04 11.9	-0.1		
TAWA	Tawang	48.85	321	eP	P	08 04 13.4	-2.7		
TAWA	comp=Z,185nm,1.0s			Iamb	Iamb	08 04 17.3			
VIS	Vishakhapatnam	48.89	304	eP	P	08 04 13.4	-2.7		
VIS	comp=Z,198nm,1.9s			Iamb	Iamb	08 04 17.7			
TIY	Taiyuan	48.92	348	P	P	08 04 15.8	-0.3		
TIY	comp=Z,50nm,0.6s			PcP	PcP	08 05 42.4	+2.0		
TIY	comp=Z,660nm,5.0s			ScP	ScP	08 09 35.9	+0.9		
TIY	comp=Z,3µm,19.4s			S	S	08 11 12.8	-6.7		
TIY	comp=Z,1µm,17.2s			pmax	pmax				
DL2	Dalian	48.94	357	P	P	08 04 14.8	-1.3		
DL2	comp=Z,185nm,1.0s			PcP	PcP	08 05 41.9	+1.7		
DL2	comp=Z,0.8nm,0.3s,baz=131,slow=4.1,SNR=7.7			PP	PP	08 06 10.1	+0.3		
DL2	comp=Z,360nm,1.0s			S	S	08 11 20.6	+1.1		
DL2	comp=Z,1µm,4.2s			pmax	pmax				
DL2	comp=Z,890nm,18.0s			LR	LR				
DL2	comp=Z,1µm,18.2s			LR	LR				
DL2	comp=Z,2µm,21.3s			LR	LR				
DHUB	DHUBRI	48.95	318	eP	P	08 04 14.2	-2.3		
DHUB	comp=Z,171nm,0.4s			Iamb	Iamb	08 04 18.0			
MDRS	Chennai	49.27	297	eP	P	08 04 16.2	-2.9		
MDRS	comp=Z,230nm,1.0s			Iamb	Iamb	08 04 20.2			
COBR	COCHBEHAR	49.49	318	eP	P	08 04 18.4	-2.2		
RAGD	RAYAGADA	49.59	306	eP	P	08 04 18.5	-3.0		
RAGD	comp=Z,272nm,4.8s			Iamb	Iamb	08 04 20.7			
LZDM	Lanzhou Array	49.80	338	P	P	08 04 23.0	-0.2		
LZDM	comp=Z,90nm,0.9s,baz=163,slow=11,SNR=100			ScP	ScP	08 09 43.2	+4.2		
LZDM	comp=Z,0.8nm,0.3s,baz=131,slow=4.1,SNR=7.7			LR	LR	08 28 41.1			
JSD	Sado	49.82	15	Iamb	Iamb	08 04 24.4			
JSD	comp=Z,390nm,0.4s								
JSD	Sado	49.82	15	P	P	08 04 23.5	+0.6		
LZH	Lanzhou	49.86	339	P	P	08 04 23.9	+0.5		
LZH	comp=Z,173nm,1.1s			pP	pP	08 11 30.8	-2.1		
LZH	comp=Z,380nm,1.2s			S	S	08 11 45.4	+4.0		
LZH	comp=Z,2µm,4.8s			pmax	pmax				
LZH	comp=Z,2µm,15.8s			LR	LR				
LZH	comp=Z,2µm,15.8s			LR	LR				
LZH	comp=Z,2µm,15.8s			LR	LR				
JPG	JALPAIGURI	50.15	318	eP	P	08 04 23.2	-2.4		
JPG	comp=Z,255nm,0.2s			Iamb	Iamb	08 04 27.4			
BOK	Bokaro	50.36	313	eP	P	08 04 24.8	-2.4		
BOK	comp=Z,273nm,2.4s			Iamb	Iamb	08 04 29.1			
TRD	Trivandrum	50.45	290	eP	P	08 04 24.5	-3.6		
TRD	comp=Z,102nm,0.5s			Iamb	Iamb	08 04 29.1			
VJD	Vijayawada	50.51	301	eP	P	08 04 24.9	-3.5		
BJ12	Beijing	50.53	352	P	P	08 04 27.1	-1.1		
BJ12	comp=Z,127nm,0.9s			pP	pP	08 05 48.0	+1.9		
BJ12	comp=Z,65nm,1.0s			PP	PP	08 06 22.8	-1.5		
BJ12	comp=Z,470nm,4.4s			S	S	08 11 42.3	+0.5		
BJ12	comp=Z,1µm,18.7s			pmax	pmax	08 11 58.5	+8.2		
BJ12	comp=Z,340nm,20.6s			LR	LR				
BJT	Baijatuau	50.53	352	P	P	08 04 27.4	-0.8		
BJT	comp=Z,107nm,0.9s			Iamb	Iamb	08 04 28.7	-0.8		
BJT	Baijatuau	50.53	352	P	P	08 04 28.0	-0.2		
BJT	comp=Z,107nm,0.9s			Iamb	Iamb	08 04 29.2			
SALM	Salem	50.54	294	eP	P	08 04 25.8	-3.0		
SALM	comp=Z,254nm,1.9s			Iamb	Iamb	08 04 29.2			
JHSG	JHARSUGUGA	50.73	309	eP	P	08 04 27.6	-2.5		
GTK	Tadong	50.75	318	eP	P	08 04 27.9	-2.4		
GTK	comp=Z,159nm,1.1s			Iamb	Iamb	08 04 31.4			
LSA	Lhasa	50.80	322	P	P	08 04 31.6	+0.6		
LSA	comp=Z,211nm,0.9s			Iamb	Iamb	08 04 36.2			
LSA	comp=Z,230nm,0.9s			P	P	08 04 27.3	-3.8		
LSA	comp=Z,2µm,21.0s			S	S	08 11 45.9	-1.0		
LSA	comp=Z,2µm,21.8s			pmax	pmax				
LSA	comp=Z,2µm,21.8s			LR	LR				
LSA	comp=Z,2µm,21.8s			LR	LR				
LSA	comp=Z,2µm,21.8s			LR	LR				
JMU1	Jamui	50.81	314	eP	P	08 04 28.1	-2.5		
JMU1	comp=Z,253nm,0.2s			Iamb	Iamb	08 04 31.7			
PYZ	Puysegur Point	50.93	143	P	P	08 04 34.5	+3.2		
H08S2	Diego Garcia H	50.96	268	P	P	08 04 34.3	+2.5		
H08S2	comp=Z,90nm,0.9s,baz=131,slow=4.1,SNR=13			T	T	09 00 53.3			
H08S3	Diego Garcia H	50.97	268	P	P	08 04 34.0	+2.2		
H08S3	comp=Z,90nm,0.9s,baz=131,slow=4.1,SNR=13			T	T	09 01 00.7			
H08S1	Diego Garcia H	50.98	268	P	P	08 04 35.2	+3.4		
H08S1	comp=Z,90nm,0.9s,baz=131,slow=4.1,SNR=13			T	T	09 00 54.7			
DGAR	Diego Garcia	51.03	269	IAMS_20	IAMS_20	08 24 56.9			
DGAR	comp=Z,4µm,20.0s								
DGAR	Diego Garcia	51.03	269	eP	P	08 04 34.4	+1.9		
DGAR	comp=Z,264nm,1.1s			pmax	pmax				
JCZ	Jackson Bay	51.22	139	P	P	08 04 36.0	+2.4		
MLZ	Mavora Lakes	51.40	141	P	P	08 04 35.1	+0.2		
MLZ	comp=Z,150nm,1.2s			Iamb	Iamb	08 04 39.0			
GAYA	Gaya	51.45	313	eP	P	08 04 33.0	-2.4		
GAYA	comp=Z,150nm,1.2s			Iamb	Iamb	08 04 39.6			

WKZ	Wanaka	51.71	140	IAMS_20	IAMS_20	08 27 40.3			
WKZ	comp=Z,180nm,2.7s								
SNY	Shenyang	51.80	360	↑P	S	08 04 36.4	-1.4		
SNY	comp=Z,7µm,19.0s			S	S	08 11 55.3	-4.0		
SNY	comp=Z,150nm,0.9s			pmax	pmax				
SNY	comp=Z,2µm,17.9s			LR	LR				
SNY	comp=Z,650nm,12.8s			LR	LR				
SNY	comp=Z,2µm,17.5s			LR	LR				
KAAM	Kaadhehdhoo	51.90	279	P	P	08 04 38.1	-1.0		
KAAM	Kaadhehdhoo	51.90	279	P	P	08 04 39.9	+0.9		
HHC	Hu-ho-hao-te	52.12	348	↑P	P	08 04 39.4	-0.9		
HHC	comp=Z,55nm,1.2s			pP	pP	08 04 44.8	-0.6		
HHC	comp=Z,820nm,4.4s			S	S	08 12 01.8	-2.2		
HHC	comp=Z,990nm,18.0s			pmax	pmax				
HHC	comp=Z,780nm,18.0s			LR	LR				
HHC	comp=Z,1µm,18.9s			LR	LR				
BLSP	Bilasapur	52.15	308	eP	P	08 04 38.0	-2.8		
BLSP	comp=Z,107nm,0.8s			Iamb	Iamb	08 04 40.9			
BT02	Baotou	52.39	346	eP	P	08 04 41.6	-0.7		
BT02	comp=Z,1µm,18.9s			pP	pP	08 04 46.3	-1.1		
BT02	comp=Z,2µm,8.5s			sP	sP	08 04 48.5	-0.9		
BT02	comp=Z,4µm,19.0s			S	S	08 12 06.5	-1.2		
BT02	comp=Z,2µm,15.3s			sS	sS	08 12 15.3	-0.9		
BT02	comp=Z,110nm,1.4s			pmax	pmax	08 15 45.6	-0.3		
BT02	comp=Z,2µm,8.5s			pmax	pmax				
BT02	comp=Z,4µm,19.0s			LR	LR				
BT02	comp=Z,2µm,15.3s			LR	LR				
BT02	comp=Z,4µm,17.7s			LR	LR				
SYZ	Scrubby Hill	52.59	142	P	P	08 04 46.4	+2.8		
STMR	SITAMARHI	52.62	315	eP	P	08 04 41.7	-2.5		
HYB	Hyderabad	52.69	301	eP	P	08 04 42.0	-2.9		
HYB	comp=Z,137nm,1.0s			Iamb	Iamb	08 04 44.6			
HYB	Hyderabad	52.69	301	eP	P	08 04 43.3	-1.6		
HYB	comp=Z,2µm,1.5s			IvMv_BB	IvMv_BB	08 04 43.9			
HYB	comp=Z,2µm,22.6s			eS	S	08 12 14.8	+2.4		
MSVF	Nonsavu	52.77	104	P	P	08 04 46.1	+1.4		
MSVF	Nonsavu	52.77	104	eP	P	08 04 49.1	+3.5		
MSVF	comp=Z,2µm,22.6s			IvMv_BB	IvMv_BB	08 28 46.1			
ODZ	Otahua Downs	52.84	140	P	P	08 04 46.0	+0.5		
ODZ	comp=Z,6µm,19.0s			IAMS_20	IAMS_20	08 29 57.2			
MSHR	Mys Shuitsa	52.96	70eP	P	P	08 04 46.7	+0.4		
MSHR	comp=Z,173nm,1.1s			pmax	pmax				
PSTR	Posyet	52.99	6d	I/P	Iamb	08 04 47.0	+0.5		
HMDM	Haminaadhdhoo	53.41	286	Iamb	Iamb	08 04 52.7			
HMDM	comp=Z,308nm,1.3s			IAMS_20	IAMS_20	08 26 13.5			
KUZ	Kuadotnu	53.45	128	P	P	08 04 52.2	+2.0		
VLA	Vladivostok	53.57	7d	I/P	pmax	08 04 50.8	0.0		
VLA	comp=Z,314nm,1.2s			pmax	pmax				
GOMU	GeErMu	53.78	331	P	P	08 04 52.5	-0.5		
GOMU	comp=Z,3µm,20.0s			S	S	08 04 58.8	+0.7		
GOMU	comp=Z,1µm,17.0s			pP	pP	08 12 32.3	+0.5		
GOMU	comp=Z,110nm,2.0s			S	S	08 04 53.8	+0.7		
GOMU	comp=Z,3µm,19.8s			pmax	pmax				
GOMU	comp=Z,1µm,19.4s			LR	LR				
CN2	Changchun	53.79	1	P	P	08 04 51.1	-1.3		
CN2	comp=Z,100nm,1.1s			pP	pP	08 04 58.1	+0.5		
CN2	comp=Z,700nm,4.0s			PcP	PcP	08 05 56.3	-1.9		
CN2	comp=Z,1µm,15.0s			PP	PP	08 06 54.8	+1.1		
CN2	comp=Z,1µm,15.0s			S	S	08 12 25.5	-0.9		
CN2	comp=Z,2µm,17.9s			pmax	pmax				
CN2	comp=Z,900nm,15.0s			pmax	pmax				
MNGI	Mangalore	53.98	294	eP	P	08 04 50.9	-3.4		
MNGI	comp=Z,128nm,1.2s			Iamb	Iamb				

15d 7h

2020 JAN

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Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like C21K Knifblade Rid, MOS Moscow, CSS Mathiats, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like DHY Denali Highway, D42K Happy Valley, E24K Your Creek, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like YUK3 Moose Creek, PINM Pinnacle, O28M Mount Upton, etc.

ML3.4, MW3.7, Presumed earthquake
NEIC 15 08:14:48.2, 1.3, 17.97N, 02:66.72W, 0.1, h12km, 2km,
ML3.8/4.0, MD3.6/9(RSPR), Mwr3.4/13(SLM), Error ellipse:
s-maj=2.3km s-min=1.3km az=162.0

NEIC 15 08:14:48, 18:00N:66.74W, h5km, Moment Tensor
Solution. Moment tensor: Scale 10^14Nm; Mrr-0.81;
Mss-1.32; Mss-0.52; Mss-0.78; Mss-0.69; Fault
plane solution: M0:1.64000E+14 N1:0.105, 0.00000,
0.65, 0.00000, lambda-40.00000. NP2:0.215, 0.00000,
0.54, 0.00000,
lambda-149.00000. Principal axes: T: 1.6385, Plg6, 0.00000,
Azim326, 0.00000; N: 0.0006, Plg44, 0.00000,
Azim235, 0.00000; P:
-1.6391, Plg5, 0.00000, Azim65, 0.00000.

RSPR 15 08:14:48.5, 18:00N:66.74W, h6km, MD3.6/9
OSPL 15 08:14:49.0, 0.7, 17.97N:66.75W, h4km, 1.4km, ML3.2,
Presumed earthquake

ISC 15 08:14:49.1, 0.9, 17.99N, 003:66.73W, 0.02, h9km, 6km,
n48, e0579/77, 6C-11D, Puerto Rico region

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

MEX 15 08:15:25.4, 0.4, 16.21N:98.07W, h7km, 3km, MD5.1
GCMT 15 08:15:25.4, 0.4, 16.24N:02:98.07W, 0.03, h35km, 1km,
MW5.1/77, Moment Tensor Solution. s27,c33; s77,c104;
Duration: 0 Moment tensor: Scale 10^18Nm; Mrr:3.60E+31;
Mss-1.31E+19; Mss-2.28E+19; Mss-2.21E+18; Mss-1.72E+11;
Mss-3.4E+21; Best double couple: M0:3.7900E+31
NP1:1.48, 0.00000, 0.82, 0.00000, 0.85, 0.00000,
lambda-149.00000. Principal axes: T:
5.39200, Plg6, 0.00000, Azim59, 0.00000; N:
-0.16160, Plg2, 0.00000, Azim325, 0.00000; P:
-5.36660, Plg24, 0.00000, Azim234, 0.00000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

Moment Tensor Solution. Moment tensor: Scale 10^16Nm;
Mrr:1.46; Mss-0.91; Mss-0.55; Mss-0.66; Mss-0.72; Mrr:1.42;
Fault plane solution: M0:3.8896E+31, 0.16, NP1:1.78, 73.0203E,
0.85, 22303E, 0.83, 26215E. NP2:0.313, 55072E, 0.85, 25304E,
0.144, 53912E. Principal axes: T: 6.7749, Plg49, 3471E;
Azim341, 4140E; N: -0.8570, Plg6, 7143E; Azim79, 2939E; P:
-5.9178, Plg39, 8588E; Azim174, 9347E; confirmed
IDC 15 08:15:26.3, 3.3, 5, 16.41N:97.75W, h33km, 2.4km, mb5.5/23,
mbmp4.7/26, ML3.4/3, MS4.5/17 Error ellipse:
s-maj=24.8km s-min=11.6km az=55.0

NEIC 15 08:15:27.4, 2.6, 16.34N:02:97.90W, 0.05, h32km, 4km,
mb5.2/638, Mww5.0/25, Mds: 1/100(MEX), Error ellipse:
s-maj=8.3km s-min=6.5km az=49.0

NEIC 15 08:15:29.5, 16.47N:97.79W, h36km, Moment Tensor
Solution. Duration: 157 Moment tensor: Scale 10^19Nm;
Mrr:2.75; Mss-0.89; Mss-1.87; Mss-1.47; Mss-1.39; Mss-2.30;
Fault plane solution: M0:3.91000E+31, 0.16, NP1:
0.322, 73000E, 0.82, 94000E, 0.86, 38000E. NP2:
0.5146, 66000E, 0.67, 11000E, 0.91, 53000E. Principal axes: T:
3.8628, Plg68, 0.0000, Azim60, 0.0000; N: 0.0905, Plg1, 0.0000,
Azim326, 0.0000; P: -3.9533, Plg22, 0.0000, Azim235, 0.0000.

ISC 15 08:15:29.5, 0.5, 16.21N:02:98.10W, 0.03, h20km, 2km,
h20km, P: n39, 0.93/692, mb5.2/263, MS4.4/15,
13C-6D, Near coast of Guerrero

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

Table with columns: Station Name, Delta Az, Phase ID, Time, Res, ISC. Lists various seismic stations and their associated data points.

Table with columns: TEIG, Tegich, 10.15 65, Pn, 08 17 45.2 -2.7, etc. Includes entries like Tegich, Tegucigalpa, Tegucigalpa, Un Papasiquiro, etc.

Table with columns: KAN08, Anthony Ne Sta, 20.93 0 P, Iamb, P, 08 20 03.7 -1.0, etc. Includes entries like Snowflake, San Felipe, Mountain Grove, etc.

Table with columns: SUSD, Miller, 28.15 359 Iamb, Iamb, 08 21 59.6, etc. Includes entries like Pinedale Array, Frent, Black Hills, etc.

15d 8h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like PETK, HEH, RUS, GRL, MTRV, APC, ASAK, KDR, MIPR, OSSR, PALN, PAU, SKR, TILK, SHEM, SMY, MA2, KMSK, SEY, BILL, YSS, PO8K, JKA, ASAJ, M11K, ERM, TNA, K13K, F14K, ANM, M13K, J14K, F15K, L14K, G15K, M14K, N14K, L15K, K15K, H16K, C16K, O16K, G16K, M15K, J16K, I17K, D17K, N15K, RDOG, O15K, O15K, F17K, F17K, G17K, L16K, H17K, SDPT, M16K, M16K, J17K, J17K.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like N16K, E18K, L17K, K17K, F18K, C18K, O16K, H18K, G18K, G18K, P16K, M17K, TIXI, TIXI, N17K, O17K, A19K, L18K, L18K, J18K, C19K, C19K, F19K, F19K, GCSA, G19K, G19K, O16K, P17K, P17K, H19K, H19K, D19K, D19K, E19K, E19K, M18K, N18K, J19K, R17L, Q17K, O18K, L19K, P18K, D20K, E20K, H20K, I20K, N19K, B20K, J20K, J20K, K20K, K20K, O19K, CHIR, G21K, M20K, M20K, C21K, Q19K, F21K, ILSW, P19K, H21K, B21K, RED, CHUM, PPLA, PPLA, SPCR, I21K, I21K, A22K, SPU, OHAK, MJAR.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like MJAR, D22K, SKT, Q20K, H22K, H22K, B22K, G22K, KDKA, KDKA, KDKA, BPAW, KTH, HOM, SUA, TRF, TRF, CUT, COLD, G23K, BRSE, D23K, D23K, M22K, I23K, I23K, C23K, C23K, E23K, E23K, RC01, NEA2, TOLK, TOLK, O22K, MCK, PMR, SEW, WAT1, E24K, E24K, D24K, WRH, WRH, H24K, C24K, C24K, COLA, COLA, COLA, KNK, SML, CCB, F24K, PWL, G24K, G24K, POKR, WAT6, M23K, DHY, HDA, ILAR, SCM, SCM, SCM, D25K, D25K, P23K, F25K, E25K, E25K, PRP, PRP, K24K, M24K, FYU, J25K, PAX, KLU.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like BMAR, C26K, RIDG, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like R33M, H11N2, H11N3, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like NORARS AR7B, BGNE, HGFNS, etc.

SOF 15 08:25:40.8,41.87N:0.01:22.06E:0.01,h20km,10km, MD2.6

SKO 15 08:25:43.4,41.78N:22.12E,h18km,ML2.3

BE0 15 08:25:43.9,0.6,41.90N:22.12E,h12km,3km,ML2.0/11

ISC 15 08:25:42.6,41.87N:0.03:22.12E:0.02,h17km,9km, n23,087546,Northeastern Balkan Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Frequency, and other parameters. Includes stations like SKO, VAY, BOSS, etc.

ISC 15 08:25:49.1±0.5,1.83S:138.95E,h0km,mb4.4/12,

15d 8h

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mbmp4.5/13,ML5.1/2,MS4.2/3,Error ellipse: s-maj=17.3km s-min=12.0km az=48.0
BUJ 15 08:25:53.0,4.0,8.2,S.4.13.9E.1,h29km,7km,MS.1/34,
mB4.8/34,mB5.7/8,MLV5.2/11,Mw(MB)5.2/8
NEIC 15 08:25:54.8,1.8,1.92S,0.09,138.83E,0.06,h29km,2km,
mB4.9/46,Error ellipse: s-maj=13.2km s-min=9.0km
az=195.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SMPI Sarmi, GENI Genyem, JAY Jayapura, etc.

Table with columns: NJ2, Nanjing, 37.70 332, eP, pmax, 08 33 18.0 +2.8. Includes stations like SISI Saibi, WHN Wuhan, RPSI Prapat, etc.

Table with columns: ZLN, Zelenaya, 1.27 318, PN, Pb, 08 32 17.1 0.0. Includes stations like ZLN Zelenaya, BZWR Bezymannyi-We, etc.

IDC 15 08:31:51.6,1.4,54.63N,163.13E,h0km,mb3.6/7,
mbmp3.6/8,ML2.8/1,Error ellipse: s-maj=40.8km
s-min=21.4km az=167.0
KRSC 15 08:31:52.0,0.8,55.02N,162.43E,h41km,24km,ML4.3
MOS 15 08:31:54.8,0.8,55.11N,162.33E,h48km,mb4.1/4,Error
ellipse: s-maj=9.7km s-min=4.9km az=73.0
ISC 15 08:31:53.8,0.6,55.08N,162.32E,0.05,h26km,n81,
c178/87,mb3.6/9,1C-1D,Near east coast of Kamchatka
Peninsula

DJA 15 08:35:48.8,0.2,12.3,S,11.7E,h10km,M4.9/22,
mb4.8/21,mB5.3/7,MLV5.0/22,Mw(MB)4.8/7
NEIC 15 08:35:52.2,2.1,11.64S,0.07,116.67E,0.08,h33km,3km,
mB4.7/23,Error ellipse: s-maj=12.3km s-min=9.0km
az=47.0
IDC 15 08:35:54.6,0.7,11.36S,116.88E,h9km,4km,mb4.2/12,
mbmp4.4/14,Error ellipse: s-maj=29.9km s-min=14.4km
az=62.0
ISC 15 08:35:51.2,0.5,11.61S,0.05,116.77E,0.07,h35km,n108,
c206/108,mb4.7/27,South of Sumbawa
az=47.0

Table with columns for station ID, name, frequency, power, and status. Includes stations like CCHEN, MT01, SIUN, BO04, CPUP, etc.

Table with columns for station ID, name, frequency, power, and status. Includes stations like 146A Union, HNVL Huntsville, TX, Z47A Carrollton, etc.

Table with columns for station ID, name, frequency, power, and status. Includes stations like PAMR Moraine State, SFIN Lafayette, N49A Columbus Grove, etc.

15d 9h

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like J26L Joseph Creek, M24K Tolsona, H27K Steamboat Moun, etc.

2020 JAN

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like C26K Camden Bay, F24K Squaw Lake, F24K Squaw Lake, etc.

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Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like D20K Etivluk River, A22K Sinclair Lake, G18K Tagagawik, etc.

15d 10h

Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, Azimuth, Elevation, SNR, etc. Includes stations like DZM, URZ, EIDS, ARMA, etc.

2020 JAN

Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, Azimuth, Elevation, SNR, etc. Includes stations like BRTR, GERES, CONA, RONA, SOKA, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, Azimuth, Elevation, SNR, etc. Includes stations like CAIG, CAIG, CAIG, etc.

15d 11h

Table with columns: Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like Obispo Ponce, Cabo Rojo, Las Mesas, etc.

JMA 15 11:30:07.2, 0.35:16N:01:138:2E:0.2, h7km, 1km, MW1.1/31, AKAISHI MOUNTAINS REG, Eastern Honshu

JMA 15 11:30:08.9, 0.1, 36:39N:03:138:4E:0.4, h9km, 1km, MW0.7/13, NORTHERN NAGANO PREF, Eastern Honshu

IDC 15 11:31:29.7, 52.0, 19.06S:173:58W, h0km, mb3.7/3, mbmtp3.7/3, Error ellipse: s-maj=986.98km

BUI 15 11:31:32.6, 43:07N:145:28E, h83km, mb5.1/10, mb4.9/44, Ms4.6/18, Ms7.4/3/16

NEIC 15 11:31:34.8, 1.4, 42:95N:0:06:145:2E:0.1, h78km, 6km, mb5.0/208, Error ellipse: s-maj=11.2km s-min=8.2km

IDC 15 11:31:34.5, 1.8, 42:98N:145:05E, h71km, 16km, mb4.4/29, mbmtpp4.6/34, MS3.8/30, Error ellipse: s-maj=10.9km

MOS 15 11:31:35.3, 0.9, 42:90N:145:11E, h98km, mb5.2/41, Error ellipse: s-maj=7.1km s-min=4.3km az=114.3

MOS Felt (II-IV) at Yuzhno-Kuril'sk, Gonyachiy Piyazh; (III) at Golovino; (II-III) at Malokuril'skoe, NMR

SKHL 15 11:31:36.3, 0.2, 42:90N:145:20E, h99km, 4km, mb6.1/4, mbv5.5/3, msh5.8/4, msh7.1/4

JMA 15 11:31:36.5, 0.2, 42:9N:05:145:1E:0.8, h91km, 1km, MD4.8/40, MW4.9/40, OFF NEMURO PENINSULA

JMA Felt III at OFF NEMURO PENINSULA NIED 15 11:31:36.5, 42:9N:05:145:1E:12E, h91km, MW4.9, Moment Tensor Solution

GCMT 15 11:31:38.8, 0.3, 42:92N:0:02:144:98E:0:03, h98km, 5km, MW4.9/95, Moment Tensor Solution

ISC 15 11:31:35.8, 0.3, 42:94N:0:03:145:13E:0:03, h89km, 2km, h89km: p-P, n808, c1927779, mb5.0/227, 33C-56D, Hokkaido region

2020 JAN

Table with columns: Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like Nakash, Nemuroshibetsu, Golovino, etc.

JMA 15 11:30:07.2, 0.35:16N:01:138:2E:0.2, h7km, 1km, MW1.1/31, AKAISHI MOUNTAINS REG, Eastern Honshu

JMA 15 11:30:08.9, 0.1, 36:39N:03:138:4E:0.4, h9km, 1km, MW0.7/13, NORTHERN NAGANO PREF, Eastern Honshu

IDC 15 11:31:29.7, 52.0, 19.06S:173:58W, h0km, mb3.7/3, mbmtp3.7/3, Error ellipse: s-maj=986.98km

BUI 15 11:31:32.6, 43:07N:145:28E, h83km, mb5.1/10, mb4.9/44, Ms4.6/18, Ms7.4/3/16

NEIC 15 11:31:34.8, 1.4, 42:95N:0:06:145:2E:0.1, h78km, 6km, mb5.0/208, Error ellipse: s-maj=11.2km s-min=8.2km

IDC 15 11:31:34.5, 1.8, 42:98N:145:05E, h71km, 16km, mb4.4/29, mbmtpp4.6/34, MS3.8/30, Error ellipse: s-maj=10.9km

MOS 15 11:31:35.3, 0.9, 42:90N:145:11E, h98km, mb5.2/41, Error ellipse: s-maj=7.1km s-min=4.3km az=114.3

MOS Felt (II-IV) at Yuzhno-Kuril'sk, Gonyachiy Piyazh; (III) at Golovino; (II-III) at Malokuril'skoe, NMR

SKHL 15 11:31:36.3, 0.2, 42:90N:145:20E, h99km, 4km, mb6.1/4, mbv5.5/3, msh5.8/4, msh7.1/4

JMA 15 11:31:36.5, 0.2, 42:9N:05:145:1E:0.8, h91km, 1km, MD4.8/40, MW4.9/40, OFF NEMURO PENINSULA

JMA Felt III at OFF NEMURO PENINSULA NIED 15 11:31:36.5, 42:9N:05:145:1E:12E, h91km, MW4.9, Moment Tensor Solution

GCMT 15 11:31:38.8, 0.3, 42:92N:0:02:144:98E:0:03, h98km, 5km, MW4.9/95, Moment Tensor Solution

ISC 15 11:31:35.8, 0.3, 42:94N:0:03:145:13E:0:03, h89km, 2km, h89km: p-P, n808, c1927779, mb5.0/227, 33C-56D, Hokkaido region

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Table with columns: Station Name, Time, Res, Code, Station Name, Phase ID, Time, Res. Includes stations like Hirotsakiyukuz, Yuzhno-Sakhali, etc.

JMA 15 11:30:07.2, 0.35:16N:01:138:2E:0.2, h7km, 1km, MW1.1/31, AKAISHI MOUNTAINS REG, Eastern Honshu

JMA 15 11:30:08.9, 0.1, 36:39N:03:138:4E:0.4, h9km, 1km, MW0.7/13, NORTHERN NAGANO PREF, Eastern Honshu

IDC 15 11:31:29.7, 52.0, 19.06S:173:58W, h0km, mb3.7/3, mbmtp3.7/3, Error ellipse: s-maj=986.98km

BUI 15 11:31:32.6, 43:07N:145:28E, h83km, mb5.1/10, mb4.9/44, Ms4.6/18, Ms7.4/3/16

NEIC 15 11:31:34.8, 1.4, 42:95N:0:06:145:2E:0.1, h78km, 6km, mb5.0/208, Error ellipse: s-maj=11.2km s-min=8.2km

IDC 15 11:31:34.5, 1.8, 42:98N:145:05E, h71km, 16km, mb4.4/29, mbmtpp4.6/34, MS3.8/30, Error ellipse: s-maj=10.9km

MOS 15 11:31:35.3, 0.9, 42:90N:145:11E, h98km, mb5.2/41, Error ellipse: s-maj=7.1km s-min=4.3km az=114.3

MOS Felt (II-IV) at Yuzhno-Kuril'sk, Gonyachiy Piyazh; (III) at Golovino; (II-III) at Malokuril'skoe, NMR

SKHL 15 11:31:36.3, 0.2, 42:90N:145:20E, h99km, 4km, mb6.1/4, mbv5.5/3, msh5.8/4, msh7.1/4

JMA 15 11:31:36.5, 0.2, 42:9N:05:145:1E:0.8, h91km, 1km, MD4.8/40, MW4.9/40, OFF NEMURO PENINSULA

JMA Felt III at OFF NEMURO PENINSULA NIED 15 11:31:36.5, 42:9N:05:145:1E:12E, h91km, MW4.9, Moment Tensor Solution

GCMT 15 11:31:38.8, 0.3, 42:92N:0:02:144:98E:0:03, h98km, 5km, MW4.9/95, Moment Tensor Solution

ISC 15 11:31:35.8, 0.3, 42:94N:0:03:145:13E:0:03, h89km, 2km, h89km: p-P, n808, c1927779, mb5.0/227, 33C-56D, Hokkaido region

Table with columns for station ID, name, coordinates, and time. Includes stations like MA2 Magadan, HIA Hailar, HILR Hailar Array B, etc.

Table with columns for station ID, name, coordinates, and time. Includes stations like KNGR Kungurtug, TNA Tin City, K13K Kusilvak Mount, etc.

Table with columns for station ID, name, coordinates, and time. Includes stations like P17K Kvichak River, PZH PanZhihua, D19K Kuna River, etc.

15d 11h

TOLK	Toolik Lake Re	41.92	30	P	P	11 39 17.7	+0.5
I23K	Minto, Yukon-K	41.94	35	P	P	11 39 18.7	+1.4
RC01	Rabbit Creek A	41.98	41	P	P	11 39 18.5	+0.8
TNCH	TengChong	41.99	260	P	P	11 39 16.6	-1.9
TNCH				pP	pP	11 39 34.0	-5.4
TNCH				sS	sS	11 45 28.3	-2.6
TNCH				ss	ss	11 46 05.6	-1.3
TNCH	comp=Z,230nm,4.1s			LR	LR		
O22K	Cooper Landing	42.05	42	P	P	11 39 18.9	+0.7
NEA2	Nenana	42.08	36	P	P	11 39 19.2	+0.7
MCK	McKinley	42.17	37	I	I	11 40 01.1	
MCK	McKinley	42.17	37	P	P	11 39 19.8	+0.5
D24K	Happy Valley	42.22	29	I	I	11 39 30.2	
D24K	Happy Valley	42.22	29	P	P	11 39 19.9	+0.4
SEW	Seward	42.22	43	P	P	11 39 20.0	+0.4
RND	Reindeer	42.23	38	P	P	11 39 21.2	+1.4
RND	Reindeer	42.23	38	I	I	11 40 03.8	
RND	Reindeer	42.23	38	P	P	11 39 21.2	+1.4
PMR	Palmer	42.23	40	P	P	11 39 19.9	+0.2
C24K	Franklin Bluff	42.30	28	I	I	11 39 22.9	
C24K	Franklin Bluff	42.30	28	P	P	11 39 20.2	+0.1
E24K	Your Creek	42.30	31	P	P	11 39 20.4	+0.1
GHO	Glory Hole Cre	42.31	40	P	P	11 39 21.8	+1.3
WAT1	Susitna Watana	42.30	39	P	P	11 39 21.3	+0.2
WRH	Wood River Hill	42.51	36	I	I	11 39 51.9	
F24K	Squaw Lake	42.52	32	I	I	11 40 49.9	
F24K	Squaw Lake	42.52	32	P	P	11 39 22.4	+0.3
H24K	Noodor Dome	42.54	34	P	P	11 39 23.3	+1.0
KNK	Knik Glacier	42.57	41	P	P	11 39 22.6	+0.1
COLA	College	42.59	36	P	P	11 39 24.4	+1.9
COLA	College	42.59	36	P	P	11 39 24.7	+2.2
COLA	College	42.59	36	P	P	11 39 24.4	+1.9
COLA	College	42.59	36	P	P	11 39 23.1	+0.6
COLA	College	42.59	36	P	P	11 39 23.3	+0.8
SML	Sawmill	42.59	40	I	I	11 39 29.3	
SML	Sawmill	42.59	40	P	P	11 39 23.3	+0.6
CCB	Clear Creek Bu	42.62	36	I	I	11 39 55.2	
G24K	Hadweencic Riv	42.69	33	I	I	11 39 26.4	
G24K	Hadweencic Riv	42.69	33	P	P	11 39 24.1	+0.7
PWL	Port Wells	42.69	41	P	P	11 39 24.1	+0.6
POKR	Poker Plat Res	42.76	35	P	P	11 39 24.3	+0.4
WAT6	Susitna Watana	42.79	39	P	P	11 39 25.1	+0.6
M23K	Glacier View	42.88	40	P	P	11 39 25.8	+0.8
DHY	Denali Highway	42.92	38	I	I	11 39 29.6	
DHY	Denali Highway	42.92	38	P	P	11 39 25.6	+0.2
HDA	Harding Lake	43.00	36	I	I	11 40 07.5	
HDA	Harding Lake	43.00	36	P	P	11 39 26.1	+0.1
ILAR	Eielson Array	43.01	36	P	P	11 39 26.9	+0.9
ILAR	Eielson Array	43.01	36	I	I	11 58 36.1	
ILAR	Eielson Array	43.01	36	P	P	11 39 26.5	+0.5
SCM	Sheep Creek Mo	43.06	40	P	P	11 39 26.5	0.0
D25K	Kavik River	43.10	29	P	P	11 39 27.6	+0.8
P23K	Montague Istan	43.26	43	P	P	11 39 27.6	-0.4
GLJ	Glacier Island	43.29	41	P	P	11 39 27.9	-0.4
F25K	Christian Rive	43.38	31	P	P	11 39 28.7	-0.3
E25K	Arctic Village	43.40	31	P	P	11 39 29.8	+0.7
E25K	Arctic Village	43.40	31	I	I	11 39 32.0	
E25K	Arctic Village	43.40	31	P	P	11 39 29.8	+0.7
PRP	Porcupine Dome	43.53	34	P	P	11 39 30.4	+0.1
K24K	Donnelly Dome	43.56	37	I	I	11 39 33.6	
K24K	Donnelly Dome	43.56	37	P	P	11 39 30.8	+0.3
M24K	Tolsona, Glenn	43.57	39	P	P	11 39 30.3	-0.3
FYU	Fort Yukon	43.59	33	I	I	11 39 34.8	
C26K	Camden Bay	43.62	28	P	P	11 39 30.7	0.0
MK31	Makanchi Array	43.65	298	I	I	11 39 31.5	+0.1
MKAR	Makanchi Array	43.65	298	P	P	11 39 31.8	+0.4
MKAR	Makanchi Array	43.65	298	S	S	11 45 54.7	+0.2
MKAR	Makanchi Array	43.65	298	I	I	11 57 44.9	
MKAR	Makanchi Array	43.65	298	P	P	11 39 31.6	+0.2
J25K	Salcha River,	43.67	36	P	P	11 39 31.5	+0.1
KLU	Klutina	43.77	40	P	P	11 39 32.7	+0.5
PAX	Paxson	43.79	38	P	P	11 39 32.9	+0.5
BMAR	Burnt Mountain	43.80	32	P	P	11 39 33.5	+1.2
MAKZ	Makanchi	43.85	298	I	I	11 39 33.4	+0.3
MAKZ	Makanchi	43.85	298	P	P	11 39 33.4	+0.3
MAKZ	Makanchi	43.85	298	P	P	11 39 32.4	-0.7
Q23K	Middleton Isla	43.87	43	I	I	11 39 33.6	+0.7
F26K	Sheenjek River	43.95	31	I	I	11 39 36.5	
F26K	Sheenjek River	43.95	31	P	P	11 39 34.6	+1.0
RIDG	Independent Ri	43.98	37	P	P	11 39 33.5	-0.4
RIDG	Independent Ri	43.98	37	I	I	11 39 37.7	
RIDG	Independent Ri	43.98	37	P	P	11 39 34.6	+0.7
HARP	HAARP	44.01	39	P	P	11 39 34.6	+0.6
C27K	Jago River	44.04	28	P	P	11 39 35.7	+1.5
SCRK	Sand Creek	44.34	37	P	P	11 39 36.7	-0.1
SCRK	Sand Creek	44.34	37	I	I	11 39 39.9	
SCRK	Sand Creek	44.34	37	P	P	11 39 36.7	-0.1
DOT	Dot Lake	44.34	37	P	P	11 39 36.0	-0.7

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N25K	Chitina, Valde	44.38	40	P	P	11 39 37.0	-0.1
J26L	Joseph Creek	44.46	36	P	P	11 39 37.6	-0.1
BMRM	Bremner River	44.48	41	P	P	11 39 37.7	-0.2
MENT	Menstata	44.59	38	P	P	11 39 40.2	+1.5
L26K	Log Cabin Wild	44.74	38	I	I	11 39 45.2	
L26K	Log Cabin Wild	44.74	38	P	P	11 39 39.7	-0.2
KURK	Kurchatov	44.76	304	P	P	11 39 40.4	+0.3
KURK	Kurchatov	44.76	304	P	P	11 39 40.4	+0.3
KURK	Kurchatov	44.76	304	eP	eP	11 39 40.5	+0.3
KURK	Kurchatov	44.76	304	P	P	11 39 39.9	-0.3
KURB	Kurchatov Arra	44.84	304	P	P	11 39 41.2	+0.4
KURB	Kurchatov Arra	44.84	304	P	P	12 00 27.6	
KURB	Kurchatov Arra	44.84	304	P	P	11 39 40.7	-0.1
E27K	Coleen River	44.88	30	P	P	11 39 40.5	-0.4
G27K	Doyon Strip	44.99	32	P	P	11 39 41.4	-0.4
M26K	Nabesna, AK	45.00	39	I	I	11 39 49.8	
M26K	Nabesna, AK	45.00	39	P	P	11 39 42.2	+0.2
H27K	Steamboat Moun	45.10	33	P	P	11 39 42.8	+0.1
I27K	Kandik River	45.14	34	P	P	11 39 43.1	0.0
MCAR	McCarthy VSAT	45.16	40	P	P	11 39 43.8	+0.6
CROE	Crozier	45.24	41	P	P	11 39 44.3	+0.3
L27K	Beaver Creek	45.42	38	I	I	11 39 50.4	
L27K	Beaver Creek	45.42	38	P	P	11 39 45.9	+0.6
BCAR	Beaver Creek A	45.44	38	P	P	11 39 47.5	+2.1
M27K	Edge Creek, AK	45.52	39	I	I	11 39 51.4	
M27K	Edge Creek, AK	45.52	39	P	P	11 39 46.6	+0.4
F28M	Old Crow	45.59	31	P	P	11 39 46.7	+0.2
E28M	Babbage River	45.60	30	P	P	11 39 47.2	+0.6
D28M	Stokes Point	45.81	29	P	P	11 39 48.8	+0.6
I28M	Miner Creek	45.86	34	I	I	11 39 52.9	
I28M	Miner Creek	45.86	34	P	P	11 39 49.4	+0.7
CMAR	Chiang Mai Arr	45.88	253	ScP	ScP	11 45 11.2	+1.1
CMAR	Chiang Mai Arr	45.88	253	LR	LR	12 00 25.6	
MESA	MESA	45.91	42	P	P	11 39 49.8	+0.4
BVCY	Beaver Creek	45.98	38	P	P	11 39 50.4	+0.7
CTLG	Chitna Glacier	46.04	41	P	P	11 39 50.4	+0.1
E29M	Blow River	46.23	30	I	I	11 40 33.8	
E29M	Blow River	46.23	30	P	P	11 39 51.9	+0.4
YUK3	Moose Creek	46.29	39	P	P	11 39 52.7	+0.3
DAWY	Dawson	46.32	36	P	P	11 39 53.0	+0.7
H29M	Whitestone	46.37	33	I	I	11 40 17.6	
H29M	Whitestone	46.37	33	P	P	11 39 53.8	+1.1
G29M	Pine Creek	46.40	32	I	I	11 40 35.6	
G29M	Pine Creek	46.40	32	P	P	11 39 54.1	+1.3
I29M	Ogilvie Camp,	46.54	34	I	I	11 39 58.0	
I29M	Ogilvie Camp,	46.54	34	P	P	11 39 55.3	+1.2
O28M	Mount Upton	46.63	41	P	P	11 39 56.1	+1.0
YUK6	Steele Glacier	46.72	40	P	P	11 39 56.3	+0.5
PDGK	Pogdornoye	46.75	294	P	P	11 39 55.0	-1.1
PINK	Pinnacle	46.76	42	P	P	11 39 57.1	+1.2
TDK	Taldygorghan	46.82	297	eP	eP	11 39 56.8	+0.3
TDK	Taldygorghan	46.82	297	P	P	11 39 56.9	+0.3
SHLS	Shalko	46.84	294	iP	iP	11 39 54.7	-2.1
SHLS	Shalko	46.84	294	P	P	11 39 54.7	-2.1
EPYK	Eagle Plains	47.00	33	I	I	11 40 00.4	
EPYK	Eagle Plains	47.00	33	P	P	11 39 58.8	+1.2
L29M	L29M	47.07	37	I	I	11 40 03.8	
L29M	L29M	47.07	37	P	P	11 40 00.1	+1.9
G30M	TAoh Zrail Nji	47.08	32	I	I	11 40 40.2	
G30M	TAoh Zrail Nji	47.08	32	P	P	11 39 59.5	+1.2
FAKI	Fak Fak	47.11	198	P	P	11 39 59.9	+0.9
F30M	Barrier River	47.13	31	P	P	11 39 59.9	+1.3
ZUB	Uzynbulak	47.14	294	eP	eP	11 39 59.2	+0.1
K29M	Barlow Dome	47.17	36	I	I	11 40 03.7	
K29M	Barlow Dome	47.17	36	P	P	11 39 59.9	+0.8
YUK4	Talbot Arm	47.23	40	P	P	11 40 00.6	

15d 11h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MMAI, MYKA, WATA, WTTA, ABTA, MOTA, RETA, SOTA, SFTA, DAVA, VLDO, ECH, FUORN, TPB05, PMOR, SADO, FDMO, TXAR, TXAR, CAMP, PPT, PPT2, PPT2, ESDC, ESDC, RKT, TORO, VNOA, QSPA, H03N2, H03N3, BELA, SNA, SNA, VNA2, VNA2, VNA3, VNA3, BDFB, PLCA, PLCA.

BUI 15 11:34:25.3, 25:55N, 103:12E, h8km, mB4.7/13, mb4.5/33, ML4.3/14, Ms4.3/27, Ms7.4/127
NEIC 15 11:34:26.7, 1.8, 25:57N, 103:15E, 0.10, h10km, 1km, mb4.6/35, Error ellipse: s-maj=13.3km s-min=12.4km az=174.0
IDC 15 11:34:32.3, 2.8, 25:63N, 103:11E, h60km, 26km, mb4.0/16, mbmp4.3/18, ML4.1/2, MS3.6/3, Error ellipse: s-maj=20.6km s-min=14.8km az=67.0
ISC 15 11:34:26.2, 0.4, 25:56N, 103:12E, 0.04, h10km, n104, s183/114, mb4.5/40, MS3.9/3, 2, Yunnan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KM12, KM12, KM12, PZH, PZH, PZH, TNCH, TNCH, TNCH, TNCH, GULI, GULI, GULI, ENH, CHTO, CM31, CMAR, CMAR, BORE, QIZ, QIZ, QIZ, QIZ, QIZ, QIZ, QIZ.

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Table with columns: QIZ, QIZ, CNSH, CNSH, CNSH, XAN, XAN, XAN, XAN, XAN, SHL, LZDM, LZH, LZH, LZH, LSA, LSA, LYN, LYN, GOMU, GOMU, GTA2, GTA2, GTA2, GTA2, NJ2, NJ2, NJ2, TIA, TIA, BTO2, BTO2, BTO2, BTO2, BTO2, BTO2, HHC, HHC, HHC, SSE, SSE, SSE, SSE, BJT, BJ2, BJ2, DL2, DL2, XLT, XLT, XLT, WMO, SONM, SONM, SONM, JLN, KRSR, KRSR, WUS, WUS, TARG, TARG, TARG, PRZ, PRZ, PRZ, KSH2, KSH2, MKAR, MKAR, HIA, HIA, NIL, NIL, DRK, DRK, USRK, USRK, GAR, GAR, KBL, KBL, HEH, HEH, HEH, KURB.

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Table with columns: KURK, CHGR, ZALV, SHAA, SHAA, ERM, BVAR, JKA, JKA, AB31, ABKAR, ARTI, ARTI, NRIK, NRIK, NRIK, WRAB, WRAB, WRA, WRA, WR8, WR8, ASAR, BRTR, AKASG, FINES, ARCES, ARCES, BURAR, BURAR, C16K, MORC, C18K, C18K, NB2, NOA, VRAO, C19K, C19K, B20K, B20K, D20K, F19K, F19K, B22K, B22K, GERES, J18K, J18K, BPWA, BPWA, F25K, BMAR, ILAR, PRP, PRP, A36M, A36M, G30M, G30M, YKA, YKA, YKA, SUR, TXAR, SDV, CPUP.

ANF 15 11:39:14.1, 0.4, 64.74N, 150.70W, h7km, 4km, ML2.5/11, Error ellipse: s-maj=3.2km s-min=2.3km az=109.0, Central Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BPWA, BPWA, I21K, I21K, I23K, I23K, NEA2, CHUM, CHUM, H22K, H22K, COLA, H21K, H21K, TRF, TRF, TRF, POKR, J20K, J20K, H24K, H24K, GEN 15, VLLC, VLLC, VLLC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SARO Sassorosso, CARD Cardoso, BDI Bagni Di Lucca, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KRAI Karang Ratu, NLAJ Namlea, MSAI Masohi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FIAO FINESS Array S, NUR Nurmijarvi, MEF Metsahovi, etc.

IDC 15 11:41:05.0±0.8, 18°78'N; 122°41'E, h0km, mb4.0/12, mbtmp4.0/12, MS3.6/6, Error ellipse: s-maj=36.9km s-min=17.3km az=64.0

DJA 15 11:56:00.5±1.3, 1°89'S; 0°06'128.03E±0.06, h10km, n11, @184/13, Halmahera

IDC 12 15:31.3±2.4, 3°18'N; 122°95'E, h55km, 33km, mb3.1/7, mbtmp4.1/8, Error ellipse: s-maj=50.9km s-min=33.3km az=36.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TWG Pinlang, YULB Yu-li, TGY Tagaytay City, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HEL 15 11:59:44.8±0.7, 60°74'N; 28°88'E, h0km, ML1.6, Suspected explosion, Finland-Karelia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 15 12:15:30.9±1.7, 3°2N; 0°3'122.9E±0.3, h55km, n9, @059/9, mb3.7/7, Celesbes Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HEL 15 11:59:55.1±0.1, 63°95'N; 28°03'E, h0km, ML1.6, Suspected explosion, Finland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HILR Hailar Array B, MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H11S3 WAKE ISLAND Hy 41.95 83 T T, H11S1 WAKE ISLAND Hy 41.96 83 T T, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NIF Nilsia, RMF Romuvaara, RMF Oulu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NEIC 15 12:16:41.2±0.2, 10°42'S; 0°08'124.08E±0.08, h10km, 1km, mb4.5/29, Error ellipse: s-maj=15.5km s-min=10.7km az=228.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, MKAR Makanchi Array, AS31 Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OBFA Vikkela, Lumij, OBFA Kurvinen, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 15 12:16:44.1±0.4, 10°43'S; 0°05'124.22E±0.05, h27km, n99, @151/97, mb4.6/33, MS3.4/4, Tumor region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, TARG Taragay, Kyrgy, ZAAO Zalesovo Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OBFA Ulkokalla, OBFA Ulkokalla, RANF Ranua, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BATI Baunata, BATI Baunata, SOEI Soe, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WBSI Waikabubak, PLAI Baing, Sumba, WSI Waingapu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FIAO FINESS Array S, FIAO FINESS Array S, FIAO FINESS Array S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KAPI Kappang, KAPI Kappang, MTN Manton Dam, etc.

IDC 15 11:55:56.4±1.7, 1°94'S; 127°73'E, h0km, mb3.6/2, mbtmp3.6/4, ML3.6/2, Error ellipse: s-maj=42.7km s-min=27.7km az=72.0

LVSN 15 12:00:20.9±4.6, 59°35'N; 23°90'E, h0km, 15km, ML1.4, Presumed earthquake

ASAR Alice Springs, BB1 Bungulung, BB1J Kota Kinabalu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like Neumayer-Stat, Neumayer-Watz, Sanae, Neumayr Olymp, Sutherland, Boshof, Crozet Islands, etc.

GUC 15 14:03:51.2,0.6,24:35S,67:68W,h223km,2gkm,ML3.5, 7C-3D, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like Mina Guanaco, IPOC Station P, IPOC Station S, etc.

RSRP 15 14:17:55.5, 17:95N,66:97W,h8km,MD2.6/6 NEIC 15 14:17:55.4,0.6, 17:95N,0.04:66:97W,0.01,h10km,1km, ML3.0/32, Md2.6(RSPR), Error ellipse: s-maj=6.4km s-min=2.3km az=191.0

OSPL 15 14:17:55.4,0.3, 17:91N,66:99W,h12km,1km,ML2.4, Presumed earthquake

ISC 15 14:17:54.9,1.1, 17:32N,0.05:66:96W,0.02,h13km,5km, 14.0,0.85/60,5C-6D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like Magueyes Islan, Magueyes Islan, Magueyes Islan, etc.

Table with columns: OBIP, IAML, Time Res, ISC. Includes stations like Obispo Ponce, Cerrillos, Cerrillos, etc.

JMA 15 14:31:51.5,0.1,30:4N,0:4:131:1E,0.7,h31km,MV3.2/30, NEAR TANEGASHIMA ISLAND

IDC 15 14:31:55.1,1.6,30:42N,130:80E,h56km,15km,mb3.4/6, mbmp3.6/10, Error ellipse: s-maj=27.7km s-min=9.9km

ISC 15 14:31:52.0,1.1,30:40N,0:05:131:06E,0:08,h30km,6km, n22, c106/27, mb3.5/6, Kyushu

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like Minamitane, Tanegashima 3, Yakushimahirau, etc.

ASAR Alice Springs 53.82 177 P 0.4nm,0.9s,baz=10,slow=13,SNR=4.3

FINES FINES Array B 70.47 330 P 1.3nm,0.4s,baz=77,slow=9,SNR=16

NEIC 15 14:33:29.6,2.0, 17:82N,0:03:66:84W,0:009, h10km,1km,ML3.2/34,MD2.6(1/RSPR), Error ellipse: s-maj=4.8km s-min=2.9km az=11.0

OSPL 15 14:33:30.9,0.3, 17:91N,66:85W,h19km,2km,ML2.6, Presumed earthquake

RSRP 15 14:33:31.2, 17:94N,66:85W,h15km,MD2.6/11

ISC 15 14:33:30.1,1.0, 17:90N,0:05:66:84W,0.02,h20km,2km, n46, c049/67, 3C-8D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like Guanica, Bosqu, Magueyes Islan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like Cabo Rojo, PR, Cerrillos, Las Mesas, etc.

GCMT 15 14:36:14,7.0,4.3, 17:72N,0:03:93:25W,0:04,h18km,1km, MW4.9/78, Moment Tensor Solution. s24,c29; s78,c104; Duration: 0 Moment tensor: Scale 10^16Nm; Mrr-2.53; 16; Mss1.59; 10; Mss0.93; 10; Mss-0.56; 22; Mss-0.91; 06; Mss0.60; 24; Best double couple: M2.51700x10^16 NP2: 301.302,000000, -8.3600000, -8.9500000. NP2: 0.128,00000, 0.8400000, -0.8600000. Principal axes: T: 2.3630, Plg9.0000, Azm216.0000; N: 0.3070, Plg3.0000, Azm306.0000; P: -2.6720, Plg80.0000; Solution: Moment tensor: Scale 10^16Nm; Mrr-1.38; Mss1.35; Mss0.03; Mss0.09; Mss-0.41; Mss-0.31; Fault plane solution: M1.46141x10^16 NP1: 9.94,69045, 042.61844, -106.67267. NP2: 296.83622, 049.58036, -75.21176. NP3: 1.4780, Plg3.5364, Azm16.4180; N -0.0338, Plg11.2019; Azm107.1193; P -1.4442, Plg78.2394, Azm269.1501; confirmed

NETC 15 14:36:15.2, 1.6, 13:36N,93:07W,h33km,44km,MD4.8, ML5.0, Presumed earthquake

NEIC 15 14:36:15.7, 2.0, 13:37N,0:06:93:04W,0:04,h10km,2km, mb4.6/17, MD4.5/20(MEX), Error ellipse: s-maj=11.4km s-min=2.9km az=215.0

MEX 15 14:36:16.5, 0.8, 13:38N,93:24W,h19km,20km,MD4.6

CATAC 15 14:36:16.2, 1.4, 14:14N, 9:37W, h4km,10km, M4.7/15, mb4.5/1, mb4.8/1, MLV4.8/15, Mw(MB)4.0/1, Error ellipse: s-maj=8.9km s-min=6.0km az=42.2, Moment Tensor Solution: Moment tensor: Scale 10^16Nm; Mrr-1.38; Mss1.35; Mss0.03; Mss0.09; Mss-0.41; Mss-0.31; Fault plane solution: M1.46141x10^16 NP1: 9.94,69045, 042.61844, -106.67267. NP2: 296.83622, 049.58036, -75.21176. NP3: 1.4780, Plg3.5364, Azm16.4180; N -0.0338, Plg11.2019; Azm107.1193; P -1.4442, Plg78.2394, Azm269.1501; confirmed

NETC 15 14:36:19.0, 2.5, 13:74N,92:86W,h29km,ML4.9, Presumed earthquake

IDC 15 14:36:20.9, 3.5, 13:88N,92:83W,h63km,26km,mb4.0/12, mbmp4.2/15, ML4.0/3, MS3.9/20, Error ellipse: s-maj=39.3km s-min=19.7km az=40.0

ISC 15 14:36:13.5, 1.6, 13:90N,0:05:93:09W,0:04,h11km,9km, n174, c191/226, mb4.5/16, MS3.9/19, Off coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like Catarina, El Naranjo, El Naranjo, etc.

15d 14h

Table with columns for station name, time, phase, and magnitude. Includes stations like HUEH Huehuetenango, ESSG Sabana Grande, CCIG Comitán, APG El Apazote, etc.

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Table with columns for station name, time, phase, and magnitude. Includes stations like SIUN Universidad U, ARIG Puento Sto Nin, JUD3 Juan Diaz 3, etc.

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Table with columns for station name, time, phase, and magnitude. Includes stations like MXZ Matakaoa Point, WMGZ Waomatitani S, WMGZ Waomatitani S, etc.

SJA 15 14:39:28.6i 0.9, 32.7995:68.54W, h15km, 3km, ML4.8, Mw4.6
VAO 15 14:39:28.4i 0.4, 32.735:68.62W, h10km, mb4.8, Presumed earthquake
GUC 15 14:39:31.7i 0.9, 32.945:68.72W, h11km, 6km, ML4.8
IDC 15 14:39:31.2i 0.4, 32.865:68.50W, h31km, 2km, m0.4/5/15, mbmt4.5/3.1, ML3.9/4.4, MS4.6, Error ellipse:
NEIC 15 14:39:29.6i 0.3, 32.945:68.52W, h13km
NEIC 15 14:39:32.6i 1.4, 32.955:0.05:68.56W, h0.09, h40km, 6km, mb5.0/59, Mw4.5/47, ML4.8(GUC), Error ellipse:
s-maj=10.6km s-min=7.7km az=99.0, Moment Tensor Solution. Moment tensor: Scale 1015Nm; Mrr:7.61; Mss-1.43; Mss-6.18; Mss-2.31; Mss-2.61; Mss-1.46; Fault plane solution: M=7.190x1015 Np1=39.380000; 7.65.180000; 1.13.240000. NP2=187.92000; 8.49.12000; 7.48.10000. Principal axes: T 8.3699, Plg74.0000; Azm30.0000; N -1.0188, Plg16.0000; Azm203.0000; P 7.3501, Plg2.0000; Azm22.0000; Azm203.0000;
ISC 15 14:39:29.6i 0.3, 32.945:0.02:68.62W, h22km, 1km, h22km; pp-P, n284, i182/354, mb5.0/39, MS4.1/20, 7C-13D, Mendoza Province

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Bocatomá Ro, Ro Olivares, Coronel Fontan, ACAN Cantantal, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Tunca, Sierra Bellavi, Combarbal, Cuesta del Vie, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Brasília, Friburgo-RJ, Diamantina, Atahualpa, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like EMPR Esperanza - Ma, ECPR Experimental S, SDV Santo Domingo, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like NORC Norcasia, BBSR BB Station, ROSC El Rosal, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like TPB01 Permian Basin, ECSD EROS Data Cent, ARAG Arasaitana, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Zmalet El Emir, Sachs Harbour, Djebel Ketaf, Inuvik, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Dobruska-Polom, Moravsky Jettan, Vranov, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Noril'sk, Khabaz, Jarjal al Asfar, etc.

IDC 15 15:41:30.7, 8.7, 23:70S:26:95E, h0km, mbtmp:2.8/1, ML2.4/1, Error ellipse: s-maj=102.8km s-min=60.4km az=107.0

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LPHPE Lephelpe, BROLN Thialogang, etc.

IDC 15 15:42:27.8, 1.1, 14:38N:88:59W, h0km, mb3.5/4, mbtmp:3.6/ML1.2/1, Error ellipse: s-maj=23.1km s-min=12.4km az=25.0

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SARH Santa Rosa de, SARH Santa Rosa de, etc.

IDC 15 15:42:28.8, 1.1, 14:40N:02:08:51W, 0.02, h9km, 7km, n83, i970/11.6, mb3.9/4, Honduras

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SARH Santa Rosa de, SARH Santa Rosa de, etc.

15d 16h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PANCS Alcaldia de, PMON Piamonte, UNIC Universidad Ca, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PLK2 Peulik 2, PLK4 Peulik 4, BRLL Bradley Lake, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PPLA Purkeypile, N14K Kuskokwag Cree, L17K Donlin, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KODI Kodiak Island, OHAK Old Harbor, SHUY Shuyak Island, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like HUMP Col San Antoni, DR12 Loma Pena Alta, and various other locations.

ISC 15 16:13:37.3, 1.5, 43.93N, 52.17E, h0km, mb3.5/5, mbmp3.7/14, ML3.8/9, Error ellipse: s-maj=29.4km s-min=8.8km az=161.0

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KBZ Khabaz, KVAR Kislovodsk Arr, AB31 Akbulak array, etc.

MOS 15 16:22:10.1, 1.2, 9.06S, 123.70E, h2km, mb5.1/33, Error ellipse: s-maj=11.6km s-min=6.9km az=118.5

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like BELG Belogorov, ARTI Arti, BVAR Sorovoye Array, etc.

Table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ZALV Zalesovo Beam, NOA NORAR Array B, TORD Torodi Ar. Bea, etc.

NEIC 15 16:19:37.9, 1.3, 18.02N, 0.02, 66.728W, 0.008, h10km, 14km, ML3.2/36, MD2.0/13(RSPF), Error ellipse: s-maj=3.4km s-min=2.4km az=176.0

RSPR 15 16:19:37.9, 18.01N, 66.74W, h12km, MD2.6/13, OSPL 15 16:19:38.0, 0.3, 17.99N, 66.74W, h15km, 2km, ML2.8, Presumed earthquake

ISC 15 16:19:37.5, 1.1, 18.00N, 0.04, 66.73W, 0.02, h18km, 25km, n36, c#055/68, 4C-5D, Puerto Rico region

Large table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like OBIP Obispado Ponce, OBIP Obispado Ponce, OBIP Obispado Ponce, etc.

MOS 15 16:22:10.1, 1.2, 9.06S, 123.70E, h2km, mb5.1/33, Error ellipse: s-maj=11.6km s-min=6.9km az=118.5

BUI 15 16:22:12.0, 9.30S, 123.70E, h8km, mb5.2/14, mb4.7/43, M4.6/6.9, M5.7/4.3/5

ISC 15 16:22:13.7, 0.3, 9.26S, 0.03, 123.69E, 0.03, h81km, 2km, h81km, pp-P, n354, r194/379, mb4.8/96, 11C-5D, Timor region

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

Large table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MMRI Ende, Flores, EDFI Ende, Flores, EDFI Ende, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like QIS Mount Isa, KAS Kota Agung, COEN Coen, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like NU2 Enshi, TNCH TengChong, SANVU Saraoutou, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like MKAR Makanchi Array, BOOM Booms koye usch, BOOM Booms koye usch, etc.

15d 16h

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like RAYN Ar Rayn, ELIB Princess Elisa, ARTI Arti, etc.

RSPR 15 16:27:06.4, 17:92N-66:96W, h8km, MD2.3/4
NEIC 15 16:27:06.2-0.6, 17:92N-0.03-66.95W-0.01, h10km±1km,
ML2.5/36, MD2.3/4(RSPR), 6C-5D, Error ellipse:
s-maj=4.8km s-min=2.6km az=180.0, Puerto Rico
region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like GBPR Guanica, Bosqu, CRPR Cabo Rojo, etc.

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Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ECPR, ECPR Experimental S, IDE Isla Desecheo, etc.

IDC 15 16:30:16.9-3.1, 8:19S-110:91E, h0km, mb3.8/5,
mbtmp3.8/5, Error ellipse: s-maj=168.7km
s-min=30.1km az=53.0, Jawa

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, SONMI Songoing Array, MKAR Makanchi Array, etc.

SKO 15 16:32:31.1, 43:10N-20:74E, h0km, ML3.8
PRU 15 16:32:31.1, 43:12N-21:15E, h1km
SOF 15 16:32:31.8, 43:00N-0:03-20:63E-0:02, h10km±2km,
MD4.0/5

MCSM 15 16:32:31.1±0.6, 43°N-6°E±2.1E±, h10km, mb4.3, mb6.3,
MLV4.4, Mw(Mw)0.6
BEO 15 16:32:32.1±0.2, 42:97N-20:66E, h4km±1km, ML3.8/21
PDG 15 16:32:32.0±0.4, 42:97N-20:61E, h11km, MD3.6/9,
ML3.6/3, Error ellipse: s-maj=0.5km s-min=0.5km
az=90.0

IDC 15 16:32:33.8±1.2, 43:20N-20:61E, h0km, mb3.5/7,
mbtmp3.5/13, ML3.2/6, MS3.2/2, Error ellipse:
s-maj=20.1km s-min=11.8km az=2.0
THE 15 16:32:34.9, 43°N-11°E±2.1E±, h1km±30km, M3.5/13,
MLh3.5/13

ISC 15 16:32:33.0±0.5, 42:98N-0:02-20:65E-0:01, h10km, n165,
r1941/225, mb3.4/6, 24C-18D, Northwestern Balkan

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SELS Selova, IVA Berane, SJES Sjenica, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PUNG Pungghina, PLNA Plana, VALD Valchedram, etc.

comp=N, 163nm, 0.8s
VRSR Vrsac 2.20 13 ePn Pn 16 33 08.5 -1.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like VRSR Vrsac, BAIL Bailesti, RMGR Halanga-Turnu, etc.

comp=E, 26nm, 0.3s, baz=276, slow=2, SNR=3.1
MLR 16 34 36.1 +0.9

comp=E, 2.6nm, 0.2s, baz=238, slow=43
MLR 16 35 45.9

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MLR Mluta, MLR Muntele Rosu, BOUS Bojanci, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PDKS Podkum, VRI Vrincoia, ONER Baraj Valea Uz, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like OBKA Obir, ARSA Arzberg, ARSA Arsa, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like ROMA Rosalia, KALB Balteaz, TIRR Tirgusoru, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like CFR Carcalui, MODS Modra-Piesok, UPNA Conrad Observa, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like CONA Cona, MYKA Terra Mystica, LANS Liptovska Anna, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like NIE Nizovca, KBA Koelnbreinsper, KBA Koelnbreinsper, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MOA Molin, VRAV Vranov, MOA Molin, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like VRAV Vranov, VRAV Vranov, VRAV Vranov, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like WATA Walderalm, KHC Kasperske Hory, KHC Kasperske Hory, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like DPC Dobruska, MOTA Moosalm, FETA Feichten, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like RETA Reutte, DAVOX Davos/Dischmat, DAVA Damuels, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like TUE Stuetta.

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Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like Pn 16 33 07.7 -0.5, Pn 16 33 09.2 -2.1, Pn 16 33 37.9 +0.4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Malin Array Si, Keskin Array S, Torodi Ar. Bea, etc.

IDC 15 16:34:10.7, 11.0, 56.05S-27.35W, h143km, 97km, mb3.8/4, mbtmp3.5/5, Error ellipse: s-maj=67.7km s-min=-28.8km az=109.0

ISC 15 16:34:11.3, 1.3, 3.561S:0.2x27.3W:0.5, h150km, n12, +0567.7, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Snaae, Pole Qui, Vanda, Ascension Hydram, etc.

IDC 15 16:34:53.7, 2.4, 6.29S:154.24E, h0km, mb3.5/4, mbtmp3.6/5, ML2.1/1, Error ellipse: s-maj=74.6km s-min=-28.4km az=125.0

ISC 15 16:34:59.8, 2.0, 6.55S:0.4, 154.3E:0.3, h48km, n6, +0637.7, mb3.4/4, Bougainville-Solomon Islands region

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

RSPR 15 16:36:56.3, 17.99N:66.73W, h6km, MD3.1/7, NEIC 15 16:36:56.3, 0.8, 18.00N:0.02:66.727W:0.009, h10km, ML2.8/38, MD3.1/7(RSPR), Error ellipse: s-maj=2.9km s-min=-2.3km az=143.0

OSPL 15 16:36:57.1, 0.9, 17.98N:66.74W, h7km, 10km, ML2.3, Presumed earthquake

ISC 15 16:36:56.1, 1.1, 0.1739N:0.04:66.73W:0.02, h13km, 5km, n35, +0540/67, 2C-70, Puerto Rico region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Las Mesas, Puerto Rico Se, Esperanza - Ma, etc.

IDC 15 16:44:43.1, 1.1, 0.1323N:50.08E, h0km, mb3.7/11, mbtmp3.6/12, ML2.9/1, MS3.5/3, Error ellipse: s-maj=28.9km s-min=-19.5km az=2-0.0

ISC 15 16:44:44.6, 1.0, 13.23N:0.2:50.1E:0.1, h10km, n15, +0461.2, mb3.7/10, Eastern Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Arta Tunnel, Furi, Gni, etc.

AEIC 15 16:55:43.1, 2.2, 51.95N:0.05:178.46E:0.05, h4km, 6km, Error ellipse: s-maj=7.4km s-min=-4.5km az=166.0

NEIC 15 16:55:42.1, 1.4, 51.90N:0.06:178.27E:0.05, h10km, 1km, mb3.9/10, ML3.1/10, ML2.6(AEIC), Error ellipse: s-maj=9.8km s-min=-5.3km az=174.0, Hat Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Little Sitkin, Semis Tuman, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Atka Island, Kusilvak Mount, etc.

RSPR 15 17:01:08.8, 17.99N:66.98W, h10km, MD2.0/7, NEIC 15 17:01:07.9, 0.4, 17.96N:0.03:66.983W:0.009, h16km, n11, ML2.5/32, MD2.1/7(RSPR), 3C-60, Error ellipse: s-maj=4.3km s-min=-1.2km az=187.0, Puerto Rico region

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

IDC 15 17:01:46.6, 1.5, 5.82S:154.73E, h104km, 49km, mb3.5/8, mbtmp4.0/9, MS3.5/1, Error ellipse: s-maj=52.5km s-min=25.4km az=106.0

ISC 15 17:01:44.6, 1.8, 5.85S:0.2:154.9E:0.3, h89km, n14, +047/10, mb3.8/8, Bougainville-Solomon Islands region

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

IDC 15 17:02:00.7, 1.1, 13.26N:50.07E, h0km, mb3.7/9,

15d 17h

mbmp3.6/10,ML2.8/1, Error ellipse: s-maj=32.3km s-min=23.3km az=156.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Arta Tunnel, Borovoye Array, Makanchi Array, Kurchatov Arra, Torodi Ar. Bea, etc.

SOME 15 17:02:22.1, 45.83N, 81.55E, h20km NNC 15 17:02:20.7, 0.6, 45.86N, 81.60E, h0km, mb2.5, mpv2.6, 1C-2D, Error ellipse: s-maj=6.4km s-min=2.8km

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

NEIC 15 17:02:22.1, 1.3, 17.78N, 0.03, 66.88W, 0.007, h10km, 2km, ML3.7/38, MD2.9/11 (RSPR), Error ellipse: s-maj=5.3km s-min=2.8km az=0.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Guanica, Bosqu, Magueyes Islan, etc.

2021 JAN

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Esperanza - Ma, Esperanza - Ma, San Juan, etc.

IDC 15 17:03:56.5, 0.9, 13.30N, 50.09E, h0km, mb3.9/16, mbmp3.9/17, ML3.3/1, MS3.5/19, Error ellipse: s-maj=23.2km s-min=17.6km az=9.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Arta Tunnel, Furi, Mount Meron Ar, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Nori'sk, Nori'sk, Warramunga Arr, etc.

RSPR 15 17:04:53.1, 17.93N, 66.99W, h6km, MD2.5/13 NEIC 15 17:04:52.5, 0.5, 17.90N, 0.03, 66.98W, 0.01, h10km, 1km, ML2.9/36, MD2.5/13 (RSPR), 11C-3D, Error ellipse: s-maj=5.0km s-min=2.2km az=8.0, Puerto Rico region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Magueyes Islan, Magueyes Islan, Guanica, Bosqu, etc.

KRSC 15 17:05:23.0, 2.0, 52.67N, 155.97E, h448km, 24km, MI4.1, Northwest of Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Apacha, Karymshinsky, Khodutka, Kamc, etc.

IDC 15 17:09:25.4, 2.0, 22.89N, 11.91W, h0km, mb4.0/6, mbmp3.9/7, ML3.7/11, Error ellipse: s-maj=36.8km az=67.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Torodi Ar. Bea, Torodi Ar. Bea, I7C1, etc.

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Table with columns: ICAO, Name, Elevation, Azimuth, Range, Status, Frequency, Modulation, and other technical details for stations like KURBB, ZALV, MKAR, INK, WRA, ASAR.

IDC 15 17:16:46.3±2.6, 57.78N±156.80W, h99km, 25km, mb3.3/5, mbmp3.7/8, MS3.5/2, Error ellipse: s-maj=38.9km s-min=21.9km az=12.0

NEIC 15 17:16:47.4±0.9, 57.56N±0.06±156.66W±0.09, h123km, 4km, ML3.1/88, ML3.1(AEIC), Error ellipse: s-maj=8.6km s-min=6.7km az=145.0

ISC 15 17:16:47.4±0.8, 57.57N±0.05±156.66W±0.05, h122km, 6km, n174, c087/180, mb3.5/5, Alaska Peninsula

Main table for 1043 containing station details like Code, Station Name, Elevation, Azimuth, Range, Status, Frequency, Modulation, and other technical details for stations like BOSA, I47ZA, I35NA, PLBL, PLK4, etc.

2020 JAN

Main table for 2020 JAN containing station details like ICAO, Name, Elevation, Azimuth, Range, Status, Frequency, Modulation, and other technical details for stations like NCT, P54A, PNTA, M16K, etc.

15d 17h

Summary table for 15d 17h showing station codes, names, elevations, azimuths, ranges, and status for stations like PDAR, FRB, BVAR, MKAR.

RSRP 15 17:17:14.3±1.3, 17.88N±66.85W, h14km, MD2.5/8, NEIC 15 17:17:14.3±1.3, 17.89N±0.03±66.84W±0.01, h10km±1km, ML2.9/37, ML2.5/8(RSPR), 4C-7D, Error ellipse: s-maj=4.7km s-min=2.4km az=11.0, Puerto Rico region

Main table for 15d 17h containing station details like Code, Station Name, Elevation, Azimuth, Range, Status, Frequency, Modulation, and other technical details for stations like GBPR, MLPR, OBIP, etc.

AEIC 15 17:19:22.5±2.3, 63.75N±101.147±22W±0.04, h10km±6km, Error ellipse: s-maj=2.6km s-min=2.1km az=103.0

NEIC 15 17:19:22.2±1.6, 63.75N±0.01±147.17W±0.02, h10km±2km, ML2.8/136, ML2.5(AEIC), Error ellipse: s-maj=3.0km s-min=2.5km az=211.0, Central Alaska

Main table for 15d 17h containing station details like Code, Station Name, Elevation, Azimuth, Range, Status, Frequency, Modulation, and other technical details for stations like K24K, HDA, DHY, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like NEA2, WAT7, WAT6, MDM, POKR, DOT, TRF, SCRK, HARP, KTH, I23K, M24K, BPAW, J26L, MENT, SCM, CUT, SML, L22K, H24K, GHO, M26K, KLU, PMR, KNK, PPLA, BC01, L27K, BCAR, I21K, SKT, M27K, FYU, G24K, I27K, H21K, J20K, K20K, G23K, M20K, DAWY, H27K, I28M, BARN, J19K, F24K, G27K, G21K, CTGM, LOGN, I29M, F26K, M29M, F21K, E24K, E25K, H29M, F28M, TOLK.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like TOLK, E19K, RSPR 15 17:20:41.6, NEIC 15 17:20:41.3, Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like GBPR, OBIP, CRPR, MLPR, AOPR, PRSN, ECPR, EMPR, AGPR, SJG, IDE, GPCR, HUMP, DR12, SABA, NEIC 15 17:34:57.0, RSPR 15 17:34:56.8, Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like GBPR, OBIP, CRPR, MLPR, AOPR, PRSN, ECPR, EMPR, AGPR, SJG, IDE, GPCR, HUMP, DR12, SABA, NEIC 15 17:34:57.0, RSPR 15 17:34:56.8, Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like GBPR, OBIP, CRPR, MLPR, AOPR, PRSN, ECPR, EMPR, AGPR, SJG, IDE, GPCR, HUMP, DR12, SABA.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ECPR, EMPR, AGPR, SJG, IDE, GPCR, HUMP, DR12, RSPR 15 17:40:46.2, NEIC 15 17:40:45.7, Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like MLPR, AOPR, PRSN, ECPR, EMPR, AGPR, SJG, IDE, GPCR, HUMP, DR12, RSPR 15 17:41:18.6, IDC 15 17:41:18.6, Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like PCJJI, UGM, SNJI, NGJI, SMRI, KPJI, CTJI, TBJI, GMI, BBJI, BLJI, JAGI, ANJI, ABJI, TRGI, WRA.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MRSI Marisa, BKB Balikpapan, LUWI Luwuk, TTSI Tana Toraja.

IDC 15 20:27:51.91.2, 17.98N:66.97W, h0km, mb3.7/8, mbtmp3.7/9, ML2.8/1, Error ellipse: s-maj=35.1km s-min=9.2km az=180.0

PTWC 15 20:27:52.17.90N:67.00W, h10km, ML4.2/16, SDD 15 20:27:53.1.1.8, 17.91N:66.96W, h12km, gkm, MD3.6, ML3.3, MW4.0, Presumed earthquake

OSPL 15 20:27:53.9.0.3, 17.91N:66.96W, h11km, 1km, ML3.6, Presumed earthquake

NEIC 15 20:27:53.0.1.2, 17.91N:0.03:66.95W:0.01, h10km, 1km, mb4.3/5, ML4.1/42, MW4.1/30, ML4.1 (RSRP), Mw4.0/18 (SLM), Error ellipse: s-maj=4.9km s-min=2.6km az=8.0, Moment Tensor Solution. Moment tensor: Scale 10^15 Nm; Mrr=0.38; Mss=0.95; Mtt=0.57; Mrr-0.50; Mrr1.18; Mss0.62; Fault plane solution: Mo1.570000*10^15 NP1: 0.513, 8.000000, 8.64, 7.700000, -13.440000. NP2: 0.519, 6.100000, 8.77, 8.700000, -15.150000. Principal axes: T 1.6410, P1g9.0000, Azm330.0000, N -0.1518, P1g2.0000, Azm23.0000, P -1.4892, P1g27.0000, Azm84.0000

NEIC 15 20:27:53.17.93N:66.96W, h8km, Moment Tensor Solution. Moment tensor: Scale 10^15 Nm; Mrr=0.16; Mss=0.60; Mtt=0.44; Mrr-0.05; Mss0.74; Mtt0.53; Fault plane solution: Mo1.060000*10^15 NP1: 0.200, 0.000000, 0.81, 0.000000, -15.000000. NP2: 0.200, 0.000000, 0.81, 0.000000, -15.000000. Principal axes: T 1.0595, P1g14.0000, Azm329.0000, N 0.0004, P1g59.0000, Azm214.0000, P -1.0598, P1g27.0000, Azm67.0000

RSPR 15 20:27:53.2.17.93N:66.96W, h9km, NEIC 15 20:27:53.17.92N:66.95W, h10km, ISC 15 20:27:52.8.0.7, 17.91N:0.04:66.94W:0.02, h11km, 4km, n81, c0565/112, mb4.0/9, 7C-13D, Puerto Rico region

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GBPR Guanica, MLPR Magueyes, CRPR Cabo Rojo, PRNS Puerto Rico, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SJG San Juan, GPCR Guaynabo, HUMP Col San Antonio, HIDR Higüey Centro, MIDR Miches, SMDR Samana, SDD Santo Domingo, BANI Saba, SBLM St Barthilomew, SCOI Santiago de lo Presa de Saban, SDV Santo Domingo, S51A Beattyville, TXAR Lajas Array, PDAR Pinedale Array, FCC Fort Churchill, NVAR Mina Array, YKA Yellowknife Ar, ESDC Sonsea Array, TORD Torodi Ar, ILAR Elean Array, BRTR Keskin Array, HHC Hu-ho-hao-te, PZH PanZhiHua

IDC 15 20:31:20.5.1.9, 33.13S:179.54W, h0km, mb3.9/3, mbtmp3.9/3, MS3.4/3, Error ellipse: s-maj=60.0km s-min=21.7km az=44.0

WEL 15 20:31:53.2.0.4, 38.53S:17.7E, h5km, M3.2/14, ML3.7/15, MLv3.2/14, Error ellipse: s-maj=4.2km s-min=2.8km az=137.1, confirmed

ISC 15 20:31:53.7.1.1, 37.64S:0.03:177.07E:0.03, h3km, 12km, n34, c053/29, mb3.5/3, MS3.2/3, Off east coast of North Island

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WIZ White Island, WSRZ White Island S, WHRZ White Island N, OPRZ Ohinepanea, MARZ Manawaha, EDJR Edgcombte, HAZ Te Kaha, RUGZ Raukumara Rang, URZ Urewera, TRZ Tauranga, LIRZ Lichensteins R, KMRZ Makatihi, OMZR Omara, TARZ Mount Tararua, KAZ Kahurangi, MWZ Matawai, NGRZ Ngongotaha, RRRZ Republic of Cook, HLHZ Highlands Stat, UTZ Uthina, MUGZ Mungahara, KMRZ Kaimai, RAGZ Rawiri, SHWZ Shawhareparee, HSZ Houshock Road, KRZ Ruatuhuna, RTZ RTZ, MXZ Matakaoa Point, PRZ Plateau Road, TKGZ Te Karaka, PUZ Puz, WMGZ Waioamatinati S, WPRZ Whakapapatarin, SNGZ Shannon Stat, RIGZ Rimuhau, TORZ Torokere, MTHZ Maungataniwha, CNZ Carnagh Stat, RAHZ Arahi, MRHZ Marea Rd, KUZ Black Stump, PRGZ Paritu Road, WHZ Waihua, HATZ Hinemaiaia, NMHZ Naumai, MKAZ Moukai, KAZ Black Stump Fm, ARHZ Aroapanui, RITZ Rihia Road, MHGZ Mahia Peninsula, KATZ Kakaramea, WIAZ Waikae Island, ETAZ East Tamaki Re, KRZ Karewarewa, MCHZ McNeill Hill, KWZ Kaweka Forest, WTVZ West Tongariro, NWZ North Ngauruhoe, MBAZ Motutapu North, TWZ Taurewa, NGZ Ngauruhoe, TUZ Tukino, WHZ White Peninsula, WNVZ Waihanoa, MOVZ Moawhango, WTZ Waitarua, KRHZ Kereru, PKVZ Pokaka, MIZ Mangateitei, KAHZ Kahurangi, PNHZ Pukenui, WPHZ Waiupukura, TSHZ Takapirua, PRHZ Porangahau, DVHZ Dannevirke, ANWZ Angora Road, POWZ Post Office Ro, PRWZ Port Road, TWZ Timock, HOWZ Holdsworth Sta, OGWZ Otaki Gorge, MTW Mount Morrison, PAWZ Paruwai Farm

0.4nm, 0.6s, baz=182, slow=4.8, SNR=8.43
WEL 15 20:32:13.3, 37.62S:177.05E, h3km, ML3.5, Mw3.9, Moment Tensor Solution. s7 Moment tensor: Scale 10^15 Nm; Mrr=0.59; Mss=0.36; Mtt=0.22; Mrr-0.70; Mss0.29; Mtt-0.51; Fault plane solution: Mo1.050000*10^15 NP1: 0.540, 0.000000, 8.73, 0.000000, -1.89, 0.000000. NP2: 0.540, 0.000000, 8.73, 0.000000, -1.89, 0.000000. Principal axes: T 1.0466, P1g23.0000, Azm143.0000, N -0.0028, P1g1.0000, Azm233.0000, P -1.0438, P1g62.0000, Azm326.0000; Stations used: HAZ URZ MWZ MXZ RTZ PZ BKB ZKZ NORMAL FAULTING
WEL 15 20:32:13.3.0.4, 38.53S:17.7E, h5km, M3.5/64, ML3.6/12, MLv3.5/64, Error ellipse: s-maj=3.6km s-min=3.1km az=156.5, confirmed, Off east coast of North Island

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WSRZ White Island S, WIZ White Island, WHRZ White Island N, WKHS Whakataene High, MWFS Matawai Watcher, OPCS Opotiki Collg, OPRZ Ohinepanea, MARZ Manawaha, EDJR Edgcombte, HAZ Te Kaha, RUGZ Raukumara Rang, TRZ Tauranga, URZ Urewera, LIRZ Lichensteins R, KMRZ Makatihi, OMZR Omara, TARZ Mount Tararua, KAZ Kahurangi, MWZ Matawai, NGRZ Ngongotaha, RRRZ Republic of Cook, HLHZ Highlands Stat, UTZ Uthina, MUGZ Mungahara, KMRZ Kaimai, RAGZ Rawiri, SHWZ Shawhareparee, HSZ Houshock Road, KRZ Ruatuhuna, RTZ RTZ, MXZ Matakaoa Point, PRZ Plateau Road, TKGZ Te Karaka, PUZ Puz, WMGZ Waioamatinati S, WPRZ Whakapapatarin, SNGZ Shannon Stat, RIGZ Rimuhau, TORZ Torokere, MTHZ Maungataniwha, CNZ Carnagh Stat, RAHZ Arahi, MRHZ Marea Rd, KUZ Black Stump, PRGZ Paritu Road, WHZ Waihua, HATZ Hinemaiaia, NMHZ Naumai, MKAZ Moukai, KAZ Black Stump Fm, ARHZ Aroapanui, RITZ Rihia Road, MHGZ Mahia Peninsula, KATZ Kakaramea, WIAZ Waikae Island, ETAZ East Tamaki Re, KRZ Karewarewa, MCHZ McNeill Hill, KWZ Kaweka Forest, WTVZ West Tongariro, NWZ North Ngauruhoe, MBAZ Motutapu North, TWZ Taurewa, NGZ Ngauruhoe, TUZ Tukino, WHZ White Peninsula, WNVZ Waihanoa, MOVZ Moawhango, WTZ Waitarua, KRHZ Kereru, PKVZ Pokaka, MIZ Mangateitei, KAHZ Kahurangi, PNHZ Pukenui, WPHZ Waiupukura, TSHZ Takapirua, PRHZ Porangahau, DVHZ Dannevirke, ANWZ Angora Road, POWZ Post Office Ro, PRWZ Port Road, TWZ Timock, HOWZ Holdsworth Sta, OGWZ Otaki Gorge, MTW Mount Morrison, PAWZ Paruwai Farm

IDC 15 20:36:12.5.3.7, 24.37S:115.49W, h0km, mb3.7/3, mbtmp3.7/3, MS2.4/1, Error ellipse: s-maj=264.7km s-min=52.0km az=111.0

ISC 15 20:36:14.3.4.4, 24.4AS:0.7:116.6W, h10km, n15, c063/8, mb3.8/3, Southern East Pacific Rise

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RPN Rapa Nui, H03N2 Juan Fernandez, H03N3 Juan Fernandez, H03N1 Juan Fernandez, NVAR Mina Array, PDAR Pinedale Array, YKA Yellowknife Ar, H11S2 WAKE ISLAND HY 86.74 292 T, H11S1 WAKE ISLAND HY 86.75 292 T, H11S3 WAKE ISLAND HY 86.75 292 T, ZALV Zalesovo Beam, CMAR Chiang Mai, BVAR Borovoye Array, KURBB Kurchatov Arr, MKAR Makanchi Array, WEL 15 20:45:39.8.0.5, 38.53S:17.7E, h5km, M1.9/5, ML2.0/6,

15d 21h

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WIZ White Island, WSRZ White Island S, WHRZ Whale Island, HAZ Te Kaha, HAZ Te Kaha, HAZ Te Kaha, RUGZ Raukumara Rang, OPRZ Ohinepanea, OPRZ Ohinepanea, URZ Urewera, URZ Urewera, MWZ Matawai, RTZ Ruatuhuna.

WEL 15:20:45.44.7-0.6,38.5x3.3x17.7E, h5km, M2.3/5, ML2.1/5, MLV2.3/5, Error ellipse: s-maj=5.6km s-min=3.2km az=128.2, confirmed, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WIZ White Island, WSRZ White Island S, WHRZ Whale Island, OPRZ Ohinepanea, RUGZ Raukumara Rang, URZ Urewera.

RSPR 15:20:50:51.3, 17.88N:66.86W, h12km NEIC 15:20:50:51.5-0.8, 17.89N:0.04:66.849W 0.004, h10km, ML2.6/34, ML2.8(RSPR), 8C-4D, Error ellipse: s-maj=6.7km s-min=2.6km az=357.0, Puerto Rico region

Large table listing seismic stations and their characteristics. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Stations include GBPR Guanica, Bosqu, MLPR Magueyes Island, CRPR Cabo Rojo, PR, OBIP Obispo Ponce, etc.

IDC 15:20:50:55.6-6.5, 24.53S-115.05W, h0km, mb3.9/1, mbtmp3.9/1, Error ellipse: s-maj=439.9km s-min=85.0km az=119.0, Southern East Pacific Rise

Table listing seismic stations and their characteristics. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Stations include H03N2 Juan Fernandez, H03N3 Juan Fernandez, YKA Yellowknife Ar, H11S2 WAKE ISLAND Hy 87.36 292 T, H11S1 WAKE ISLAND Hy 87.36 292 T, H11S3 WAKE ISLAND Hy 87.36 292 T, ZALV Zalesovo Beam, CMAR Chiang Mai Arr, BVAR Borovoye Array, MKAR Makanchi Array.

NEIC 15:21:08:04.5-1.7, 17.90N:0.02:66.80W 0.010, h10km, 1km, mb4.2/5, ML4.1/40, ML3.7/13(RSPR), Mw3.7/3(SLM), Error ellipse: s-maj=3.5km s-min=2.8km az=71.0 PTWC 15:21:08:04.18:00N:66.80W, h13km, ML4.0/16 IDC 15:21:08:04.4-1.5, 18.04N:66.86W, h0km, mb3.5/3, mbtmp3.6/4, ML2.7/1, Error ellipse: s-maj=38.2km s-min=9.4km az=1.0 SDD 15:21:08:05.7-1.6, 17.93N:66.84W, h20km, 9km, MD3.8, ML3.5, MW4.0, Presumed earthquake RSPR 15:21:08:05.9, 17.95N:66.83W, h12km, MD2.9/13 NEIC 15:21:08:05.17:05N:66.93W, h12km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mro,22;

Mw1.61; Mw-1.84; Mw0.76; Mw3.21; Mw0.46; Fault plane solution: M3.76000-1014 NP1.9x13.00000, 880.00000, 170.00000. NP2.9x105.00000, 880.00000, 1.0.00000. Principal axes: T 3.7551, P14.10000, Azm329.0000; N 0.0017, Plg76.0000, Azm150.0000; P -3.7568, Plg0.0000, Azm59.0000; OSPL 15:21:08:05.6-0.4, 17.93N:66.84W, h16km, 3km, ML3.6, Presumed earthquake

ISC 15:21:08:04.8-0.7, 17.94N:0.03:66.81W 0.020, h17km, 4km, n73, c964/112, mb3.7/5, 16C-6D, Puerto Rico region

Large table listing seismic stations and their characteristics. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Stations include GBPR Guanica, Bosqu, OBIP Obispo Ponce, MLPR Magueyes Island, CRPR Cabo Rojo, PR, LSP Las Mesas, AOPR Arecibo Observ, etc.

Table listing seismic stations and their characteristics. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Stations include HATM Hato Mayor del, SMDR Samana, DR, BANI BANI, SABA SABA, SBLM St Barthim, SC01 Szabo de lo, SDDR Pasa de Saban, GDHS Morne Mazeau, CBE Ff, Capester, BIV Bigot, SDV Santo Domingo, JSC Jenkinsville, V58A Windy Hill, PI, WMOK Wichita Mountain, OZNA Lajitas Array, TXAR Lajitas Array.

Table listing seismic stations and their characteristics. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Stations include ECSD EROS Data Center, YKA Yellowknife Ar, YKA Yellowknife Ar, ILAR Eielson Array, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array.

IDC 15:21:42:55.7, 17.99S:177.15W, h0km, mb3.7/3, mbtmp3.7/3, Error ellipse: s-maj=328.6km s-min=37.8km az=143.0, Fiji Islands region

Table listing seismic stations and their characteristics. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Stations include WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array.

RSPR 15:21:29:55.5, 17.92N:66.85W, h10km, MD2.5/7 NEIC 15:21:29:54.8-1.7, 17.88N:0.04:66.808W 0.008, h10km, ML2.6/37, MD2.5/7(RSPR), 6C-8D, Error ellipse: s-maj=6.1km s-min=2.7km az=1.0, Puerto Rico region

Large table listing seismic stations and their characteristics. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res. Stations include GBPR Guanica, Bosqu, MLPR Magueyes Island, CRPR Cabo Rojo, PR, OBIP Obispo Ponce, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSRS, ASAR, MKAR, KURBB.

CRNET 15 21:36:16.2±0.1, 42.42N:78.96E, h16km, mb2.5
SOME 15 21:36:16.3, 42.52N:78.87E, h10km
NINC 15 21:36:17.3±0.9, 42.60N:78.91E, h0km, mb3.1, mpv2.5,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRZ, UZB, SATY, SHLS, PDGK, KPKS, KOTY, TARG, KDJ, KOTS, KNDC, IZV, BOOM, NRR, DGS, TKM2, KRBS, JNKS.

NEIC 15 21:41:10.17, 86N:66.84W, h15km, Moment Tensor Solution. Moment tensor: Scale 10^14 Nm, Mrr=2.20,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR, EMPR, CRPR, MLPR, AGPR, LSP, HUMP, PRSN, DR12.

OSPL 15 21:41:10.9±0.3, 17.89N:66.86W, h16km, 3km, ML3.3, Presumed earthquake
RSPR 15 21:41:10.9, 17.90N:66.86W, h13km, MD3.5/6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR, EMPR, CRPR, MLPR, AGPR, LSP, HUMP, PRSN, DR12.

OSPL 15 21:41:10.9±0.3, 17.89N:66.86W, h16km, 3km, ML3.3, Presumed earthquake
RSPR 15 21:41:10.9, 17.90N:66.86W, h13km, MD3.5/6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR, EMPR, CRPR, MLPR, AGPR, LSP, HUMP, PRSN, DR12.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ECPR, EMPR, CRPR, MLPR, AGPR, LSP, HUMP, PRSN, DR12.

RSPR 15 22:11:15.4, 17.89N:66.82W, h12km, MD2.5/6
NEIC 15 22:11:14.5±1.1, 17.84N:0.01:66.80W:0.01, h10km±1km,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR, EMPR, CRPR, MLPR, AGPR, LSP, HUMP, PRSN, DR12.

RSPR 15 22:42:34.9, 17.94N:66.95W, h7km, MD2.7/13
NEIC 15 22:42:34.6±0.7, 17.92N:0.03:66.94W:0.01, h10km±1km,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR, EMPR, CRPR, MLPR, AGPR, LSP, HUMP, PRSN, DR12.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR, EMPR, CRPR, MLPR, AGPR, LSP, HUMP, PRSN, DR12.

IDC 15 22:58:18.9±1.9, 20.56S:177.75W, h0km, mb4.3/5, mbmp4.3/5, Error ellipse: s-maj=56.3km s-min=38.1km

IS 15 22:58:23.4±1.8, 20.45S:0.3:177.7W:0.3, h35km, n8, e1217.7, mb4.3/5, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, WRA, FITZ, GSPA, CMAR, HFS, AKASA, BRTR, DUNU, MASU, RATU, ERTU, HARU, HEF, KALU, SJUU, KIF.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res. Includes stations like PAMC, CAPV, RUSC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res. Includes stations like PNHZ, WPHZ, ABAZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res. Includes stations like NJ2, CMAR, HHC, etc.

NOU 15 23:13:46.9,37.09S:179.34W,h67km,MLV5.2/14,East of North Island, N.Z.

IDC 15 23:14:01.0,0.8,36.96Sx178.90E,h0km,mb4.3/6,mbtmp3.4/6,M53.6/11,Error ellipse: s-maj=26.9km s-min=24.9km az=12.0

WEL 15 23:14:01.3,37.16S:179.03E,h11km,ML4.8,MW4.5, Moment Tensor Solution, s3 Moment tensor: Scale 10^15 Nm: Mn:3.60; Mw:-0.76; Ms:-2.84; Mo:1.16; Mw:2.68; Mw:5.20; Fault plane solution: Mo:7.1000x10^15 NP1; o:9.00000°, s:73.00000°, t:70.00000°. NP2:s:240.00000°, s:26.00000°, t:138.00000°. Principal axes: T - 6.7357, P1g75.0000°, Azm253.0000°; N 0.0464, P1g19.0000°, Azm15.0000°; P 6.6893, P1g25.0000°, Azm114.0000°

Stations used: OPRZ TOZ HIZ REVERSE FAULTING NEIC 15 23:14:02.9,1.6,37.32S:0.08:178.97E:0.06,h12km,4km,mb4.0/13,Error ellipse: s-maj=12.4km s-min=5.0km az=14.0

ISC 15 23:14:03.0,0.7,37.32S:0.06:179.02E:0.07,h21km,5km,n239.1,154/199,mb4.6/13,MS3.7/11,Off east coast of North Island

Main station list table for the first section, including stations like MXZ, PKGZ, WMGZ, etc.

Main station list table for the second section, including stations like STKA, STKA, STKA, etc.

PDG 15 23:28:23.2,4.2,0.2,42.96N:20.39E,h11km,1km,ML1.9/11, Error ellipse: s-maj=0.5km s-min=1.0km az=0.0

BEO 15 23:28:20.9,0.3,42.96N:20.64E,h10km,4km,ML2.0/17, TC-11D,Northeastern Balm Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res. Includes stations like SELS, IVA, SJES, etc.

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

Main station list table for the third section, including stations like SELS, IVA, SJES, etc.

IDC 15 23:30:08.0,1.2,49.64N:18.61E,h0km,mbtmp3.3/6,ML2.7/5,Error ellipse: s-maj=20.8km s-min=8.8km

IPEC 15 23:30:08.0,3.0,49.83N:18.54E,h1km,ML2.8/6,Error ellipse: s-maj=1.7km s-min=1.4km az=66.0

PRU 15 23:30:10.0,49.86N:18.46E,h0km,Mining Induced Event Csm, E=3.3e+06

VIE 15 23:30:10.3,1.0,49.74N:18.38E,h0km,mb2.8/13,ml2.8/13,ms3.9/1,Error ellipse: s-maj=8.6km s-min=5.0km az=58.0, 14 km SE of Ostrava Suspected Mining induced.

ISC 15 23:30:06.0,0.7,49.86N:0.02:18.02E:0.02,h0km,n71, e1910/115,6C-6D,Czech and Slovak Republics

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

Table of station data for the left column, including call signs like STEB, MORC, ANAC, LOSC, etc., and their associated frequencies and parameters.

Table of station data for the middle column, including call signs like DAVOX, LUNU, DELS, NOA, etc., and their associated frequencies and parameters.

Table of station data for the right column, including call signs like OBIP, CELP, LSP, etc., and their associated frequencies and parameters.

16d 1h

NEIC 16:01:32:50.2:1.6,3:0S:0.1x146:1E:0.1,h10km,1km, mb4,1/11,Error ellipse: s-maj=24.5km s-min=11.5km az=51.0

ISC 16:01:32:53.4:0.8,3:0TS:0.09:146:0E:0.1,h35km,n32, o#73/30,mb3.8/11, M53.0/4, Bismarck Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Lists stations like Jayapura, Port Moresby, Alice Springs, etc.

UPP 16:01:49:51.0:1.6,7:78N:20:22E, h0km, ML2.6, Confirmed Induced event

HEL 16:01:45:01.6:0.5,6:7:81N:20:07E, h0km, ML1.2, Suspected explosion

ISC 16:01:45:00.1:0.9,6:7:81N:0:03:20:11E:0:03, h0km, n22, r#15/34, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Lists stations like KUA, RATU, KUVU, SALU, etc.

ISC 16:01:45:35.0:0.9,38:15N:21:98E, h0km, mb3.7/12, mbmp3.6/18, ML3.1/4, Error ellipse: s-maj=17.3km s-min=14.9km az=145.0

THE 16:01:45:36.9,38:0N:0:6:22:0E:0:5, h17km, M3.6/40, MLh3.6/40

ATH 16:01:45:36.5,38:05N:21:98E, h20km, ML3.7/29, Manual Solution by M.Kolliger First location: 2020/01/16 01:46:28, This location: 2020/01/16 02:24:49 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 0 km; Longitude uncertainty: 0 km

ISC 16:01:45:37.0:0.8,38:05N:0:02:21:97E:0:01, h17km,5km, n145, o#97/181, mb3.6/10, 7C-3D, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Lists stations like KLV1, KLV2, KLV3, etc.

2020 JAN

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Lists stations like KLV, DRO, PATG, etc.

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

Table with columns: LKR, Lokris, 1.01 53 P, Pb, 01 50 02.4 -0.1, etc. Lists various stations and their associated data.

2020 JAN

RSPR 16:01:51:01.6, 17:95N-66:81W, h11km, MD2.5/3
NEIC 16:01:51:00.8, 0.9, 17.91N, 0.04-66.79W, 0.01, h16km, 1km,
ML2.8/36, MD2.5/3(RSPR), 10D, Error ellipse:
s-maj=5.6km s-min=1.7km az=184.0, Puerto Rico

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station codes and names like Guanica, Bosqu, Obispo Ponce, etc.

IDC 16:02:03:15.6:0.6, 4:05S:77:02W, h110km, 4km, mb3.9/17,
mbtmp4.3/23, MS3.0/2, Error ellipse: s-maj=16.0km
s-min=9.7km az=70.0

VAO 16:02:03:15.4:0.6, 4:01S:77:05W, h120km, 5km, mb4.6,
Presumed earthquake
NEIC 16:02:03:16.4:1.2, 4:06S:076:99W:0.09, h107km, 2km,
mb4.5/87, Error ellipse: s-maj=13.3km s-min=8.6km

ISC 16:02:03:14.6:0.5, 4:11S:077:02W, 0.05, h104km, 4km,
h104km, p-P, n-P, 0.3, 151/222, mb4.5/50, 1D, Northern
Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists station codes and names like Cochancay, Macar, Loja, etc.

16d 2h

Table with columns: PRAC, Prado, 8.05 15 P, Pn, 02 05 08.1 -0.8, etc. Lists various stations and their associated data.

16d 2h

Table of seismic events with columns for station name, time, magnitude, location, and other parameters. Includes stations like ANMO, TASM, T25A, etc.

2020 JAN

Table of seismic events with columns for station name, time, magnitude, location, and other parameters. Includes stations like KURK, KURBB, HILR, etc.

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Table of seismic events with columns for station name, time, magnitude, location, and other parameters. Includes stations like MIDR, DR12, HATOM, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NIUE Niuete, RAO Raoul Island, and various other regional stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAR Alice Springs, WRRR Warramunga Arr, and various other regional stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VHRN Van Horn, MA2 Maqadad, and various other regional stations.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, ISC, H, M, S, ISC. Includes stations like Pinyon Flats O, Elko, Mina Array Bea, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, ISC, H, M, S, ISC. Includes stations like Las Mesas, Arcibco Observ, Puerto Rico Se, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, ISC, H, M, S, ISC. Includes stations like Magueyes Islan, Cabo Rojo, PR, Obispo Ponce, etc.

NEIC 16 03:02:56.0±0.6, 17.94N, 0.04±66.80W, 0.01, h17km, 2km, ML3.4/36, Md2.7(6)(RSPR), Error ellipse: s-maj=6.2km s-min=1.4km az=177.0

SDD 16 03:02:56.6±1.2, 17.93N, 66.79W, h20km±8km, MD3.3, ML3.1, MW3.5, Presumed earthquake

OSPL 16 03:02:56.8±0.3, 17.93N, 66.81W, h14km±3km, ML2.8, Presumed earthquake

RSPR 16 03:02:56.8, 17.94N, 66.81W, h11km, MD2.7/6 ISC 16 03:02:55.1±0.1, 17.92N, 0.04±66.79W, 0.02, h19km±2km, az=147, -0556/84, 8C-18D, Puerto Rico region

IDC 16 03:28:42.9±1.1, 54.60N, 164.99E, h0km, mb3.4/5, mbmp3.4/6, ML2.3/1, Error ellipse: s-maj=48.2km s-min=23.7km az=152.0

KVSC 16 03:28:43.5±1.1, 54.79N, 164.52E, h42km±28km, M3.8 ISC 16 03:28:46.7±0.9, 54.78N, 164.61E, 0.05, h35km±n29, ±143/32, mb3.5/5, Komandorsky Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, ISC, H, M, S, ISC. Includes stations like Bering, Krutoberegovo, Tumrok D, etc.

RSPR 16 04:01:33.3, 17.93N, 66.89W, h10km, MD2.7/12 NEIC 16 04:01:33.0±0.7, 17.93N, 0.04±66.89W, 0.01, h14km±2km, ML3.2/36, Md2.7(12)(RSPR), 10C-4D, Error ellipse: s-maj=5.3km s-min=1.4km az=188.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, ISC, H, M, S, ISC. Includes stations like Guanica, Bosqu, Magueyes Islan, Cabo Rojo, PR, Obispo Ponce, etc.

Table with columns: HUMP, Col San Antoni, 1.01, 78, Pb, 04 01 51.5 -0.9, 04 02 04.6 -0.9, 04 02 09.9, IAML, 04 02 09.9, 1.01, 78, 78, eP, Pb, 04 01 51.5 -0.9, 04 02 04.6 -0.9

JMA 16 04:24:05.6:0.3, 41°11'N x 137°7'E, h340km, MV3.3/24, EASTERN SEA OF JAPAN, IDC 16 04:24:07.3:1.1, 40.30N x 136.99E, h316km, 11km, mb3.2/1.8, mbtmp3.9/1.8, Error ellipse: s-maj=14.7km s-min=11.8km az=178.0

ISC 16 04:24:07.9:0.6, 40.71N:0.05:137.58E:0.07, h350km, n31, c304/38, mb3.4/13, Eastern Sea of Japan

Main table for 16d 5h section, listing station names, codes, and various parameters like Time, Res, ISC, h, m, s, ISC.

SFS 16 04:33:38.8, 34°40'N:4°46'W, h0km, ML3.6/10, ML3.6/10, MDD 16 04:33:38.6:0.5, 34°39'N:4°36'W, h0km, Mb3.7/5, M, mb3.0/5, Error ellipse: s-maj=5.6km s-min=3.2km az=115.0

CNRM 16 04:33:38.2:34°32'N:4°31'W, h2km, ML2.6, INMG 16 04:33:39.7:1.1, 34°40'N:4°39'W, h12km, 5km, ML2.3, Error ellipse: s-maj=3.9km s-min=2.4km az=96.0

#DIST_RANGE: REGIONAL #PMA_REGION: NE Fez (Marr)

IGIL 16 04:33:40.1, 34°42'N:4°48'W, h1km, ISC 16 04:33:38.9:1.1, 34°39'N:0.03:4°30'W:0.02, h20km, 4km, n56, c1831/95, 5C, Morocco

Main table for 16d 5h section, listing station names, codes, and various parameters like Time, Res, ISC, h, m, s, ISC.

Main table for 2020 JAN section, listing station names, codes, and various parameters like Time, Res, ISC, h, m, s, ISC.

DNK 16 04:36:20.9:3.2, 68°49'N:67°58'W, h11km, 46km, ML2.2, Presumed earthquake

OTT 16 04:36:21.9:0.2, 68°47'N:67°70'W, h18km, MN3.5/4, 185km northwest from Qikiqtarjuaq, Nu Baffin Island

Seismic Zone, NI, ISC 16 04:36:18.2:0.9, 68°56'N:0.05:67°61'W:0.05, h10km, n16, c2121/28, Baffin Island region

Main table for 2020 JAN section, listing station names, codes, and various parameters like Time, Res, ISC, h, m, s, ISC.

Main table for 1062 section, listing station names, codes, and various parameters like Time, Res, ISC, h, m, s, ISC.

IDC 16 05:09:23.5:10.0, 19°45'S:178°1'W, h456km, 113km, mb2.5/0.9, mbtmp3.7/5, Error ellipse: s-maj=111.2km s-min=35.9km az=152.0

ISC 16 05:09:22.8:1.9, 19°45'S:178°1'W:0.4, h450km, n6, c0367/7, mb3.5, Fiji Islands region

Main table for 1062 section, listing station names, codes, and various parameters like Time, Res, ISC, h, m, s, ISC.

WEL 16 05:09:23.4:0.4, 38°S:3°17'7E, h5km, M3.5/54, ML3.9/13, MLV3.5/54, Error ellipse: s-maj=4.7km s-min=2.9km az=146.1, confirmed, Off east coast of North Island

Main table for 1062 section, listing station names, codes, and various parameters like Time, Res, ISC, h, m, s, ISC.

RSPR 16 04:47:36.3, 17°39'N:66°84'W, h12km, MD2.9/8, NEIC 16 04:47:35.7:0.5, 17°39'N:0.04:66°83'W:0.01, h16km, 2km, ML3.0/36, Md2.9/8(RSPR), 1C-6D, Error ellipse: s-maj=5.4km s-min=1.7km az=183.0, Puerto Rico region

Main table for 2020 JAN section, listing station names, codes, and various parameters like Time, Res, ISC, h, m, s, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like NMHZ, BKZ, MKAZ, ARHZ, MHGZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like PLCA, KMSR, CMAR, MA2, BRTR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like JIME, FITO, EDAD, etc.

WEL 16 05:17:59.7; 37.59S; 177.07E, h3km, ML3.4, Mw3.7, Moment Tensor Solution...

WEL 16 05:17:59.2; 0.5; 38.5; 177.07E, h5km, M3.3/12, ML3.3/12, Mlv3.3/12...

WEL 16 05:17:59.7; 0.4; 6.1; 162.42S; 173.71W, h0km, mb3.83, mblm3.8/3, MS3.2/3...

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like WSRZ, WHRZ, WIRZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like WSRZ, WHRZ, WIRZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like WSRZ, WHRZ, WIRZ, etc.

WEL 16 05:10:04.6; 37.60S; 177.09E, h2km, ML3.9, Mw4.1, Moment Tensor Solution...

WEL 16 05:10:04.4; 1.0; 38.5; 177.07E, h5km, M4.1/18, ML4.0/18, Mlv4.1/18...

WEL 16 05:10:04.4; 1.0; 38.5; 177.07E, h5km, M4.1/18, ML4.0/18, Mlv4.1/18...

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like WSRZ, WHRZ, WIRZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like WSRZ, WHRZ, WIRZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like WSRZ, WHRZ, WIRZ, etc.

WEL 16 05:10:04.4; 1.0; 38.5; 177.07E, h5km, M4.1/18, ML4.0/18, Mlv4.1/18...

WEL 16 05:10:04.4; 1.0; 38.5; 177.07E, h5km, M4.1/18, ML4.0/18, Mlv4.1/18...

WEL 16 05:10:04.4; 1.0; 38.5; 177.07E, h5km, M4.1/18, ML4.0/18, Mlv4.1/18...

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like WSRZ, WHRZ, WIRZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like WSRZ, WHRZ, WIRZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like WSRZ, WHRZ, WIRZ, etc.

WEL 16 05:30:27.7; 0.6; 17.1; 1S; 0.2; 177.1; W0.0; 1, h25km, 5km, mb4.0/14, Error ellipse...

WEL 16 05:30:27.7; 0.6; 17.1; 1S; 0.2; 177.1; W0.0; 1, h25km, 5km, mb4.0/14, Error ellipse...

WEL 16 05:30:27.7; 0.6; 17.1; 1S; 0.2; 177.1; W0.0; 1, h25km, 5km, mb4.0/14, Error ellipse...

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like WSRZ, WHRZ, WIRZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like WSRZ, WHRZ, WIRZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like WSRZ, WHRZ, WIRZ, etc.

WEL 16 05:30:32.9; 11.0; 17.2; 1S; 0.2; 177.1; W0.0; 1, h30km, 108km, mb3.0/5, mblm3.0/5, Error ellipse...

WEL 16 05:30:32.9; 11.0; 17.2; 1S; 0.2; 177.1; W0.0; 1, h30km, 108km, mb3.0/5, mblm3.0/5, Error ellipse...

WEL 16 05:30:32.9; 11.0; 17.2; 1S; 0.2; 177.1; W0.0; 1, h30km, 108km, mb3.0/5, mblm3.0/5, Error ellipse...

WEL 16 05:30:32.9; 11.0; 17.2; 1S; 0.2; 177.1; W0.0; 1, h30km, 108km, mb3.0/5, mblm3.0/5, Error ellipse...

WEL 16 05:30:32.9; 11.0; 17.2; 1S; 0.2; 177.1; W0.0; 1, h30km, 108km, mb3.0/5, mblm3.0/5, Error ellipse...

WEL 16 05:30:32.9; 11.0; 17.2; 1S; 0.2; 177.1; W0.0; 1, h30km, 108km, mb3.0/5, mblm3.0/5, Error ellipse...

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like WSRZ, WHRZ, WIRZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like WSRZ, WHRZ, WIRZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like WSRZ, WHRZ, WIRZ, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Esperanza - Ma, Experimental S, Guaynabo City, etc.

OSPL 16 05:58:44.2±0.4, 17.88N:66.88W, h16km, 4km, ML3.2, Presumed earthquake
NEIC 16 05:58:44.1±1.2, 17.90N:0.03:66.84W:0.01, h10km, 1km, ML3.7/38, ML3.4/71(RSPR), Error ellipse: s-maj=4.5km s-min=2.7km az=176.0

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, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Guaynabo City, Col San Antoni, Punta Cana, DR, etc.

IDC 16 05:59:12.4±1.2, 13.12N:146.48E, h0km, mb3.9/8, mbmt3.9/8, Error ellipse: s-maj=28.3km s-min=23.5km az=177.0
NEIC 16 05:59:15.4±1.0, 13.21N:0.08:146.35E:0.05, h10km, 2km, mb4.5/16, Error ellipse: s-maj=14.1km s-min=6.9km az=199.0

Main table of station data for the middle column, including station names, coordinates, and observation times.

IDC 16 06:03:52.0±2.5, 6.50S:130.78E, h0km, mb3.5/1, mbmt3.2/3, ML3.0/1, Error ellipse: s-maj=144.0km s-min=32.7km az=71.0, Banda Sea

Main table of station data for the middle column, including station names, coordinates, and observation times.

Main table of station data for the right column, including station names, coordinates, and observation times.

SDD 16 06:28:47.8±2.5, 17.92N:66.80W, h21km, 16km, MD3.3, ML3.2, MW3.5, Presumed earthquake
NEIC 16 06:28:47.6±1.1, 17.91N:0.04:66.81W:0.01, h10km, 1km, ML3.6/40, ML3.1/14(RSPR), Error ellipse: s-maj=6.7km s-min=2.7km az=6.0

Main table of station data for the right column, including station names, coordinates, and observation times.

16d 8h

Table with columns for station name, frequency, power, and coordinates. Includes stations like ZSN Zaisan, KRBS Karabastau, CHMS Chumysh, and many others.

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Table with columns for station name, frequency, power, and coordinates. Includes stations like G2A2 Gaotai, SHAA Shahritus, ZALV Zalesovo Array, and many others.

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Table with columns for station name, frequency, power, and coordinates. Includes stations like SAIH TengChong, SAIHA TengChong, NGP Naqur, and many others.

16d 8h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MNK, MMLAI, KULM, etc.

2020 JAN

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SEY, SPITS, STEB, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like VNDS, WET, BIOA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like Baumata, Mbarara, San Jose, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like Bella Bella, Charters Tower, Dimbokro, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, ISC. Includes stations like Bau Bau, Buton, Bulukumba, etc.

1DC 16 08:35:20.0, 2.1, 5.82S, 120.64E, h0km, mb3.5/2, mbtp3.5/3, ML3.2/1, MS3.2/1, Error ellipse: s-maj=17.3km s-min=11.5km az=45.0

16d 9h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Isla Desecheo, Col San Antoni, HUMP, HIGUP, HIDER, MIDR, DR12, HATOM, SDD, SABA, BANI, SDDR, GDRH.

ASRS 16 09:01:29.01.4.55:70N:86.05E, h0km, M2.5(MOS), The earthquakes of Russia 2020, Obinisk, GS RAS, 2022.

IDC 16 09:01:35.9.6.3.55:63N:86.42E h0km, mbmp3.0/2, ML2.4/2, Error ellipse: s-maj=64.0km s-min=32.3km az=36.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ZALESOVO INFRA, ZALV, KURB8, MKAR, MKAR.

IDC 16 09:13:47.6.1.2.21:58N:45.15W, h0km, mb3.8/5, mbmtp3.8/5, Error ellipse: s-maj=34.2km s-min=29.3km az=72.0, Northern Mid-Atlantic Ridge

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

IDC 16 09:17:24.5.0.20.34N:45.78W, h0km, mb3.8/8, mbmtp3.8/8, Error ellipse: s-maj=27.9km s-min=23.4km az=109.0

NEIC 16 09:17:25.2.0.20.4N:0.1:45.5W:0.2, h10km, 1km, mb4.4/21, Error ellipse: s-maj=25.0km s-min=21.3km az=113.0

IDC 16 09:17:25.4.0.7.20:4N:0.1:45.5W:0.1, h10km, n35, r129/35, mb4.4/17, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CELP, OBIP, UUPR, NCS9, WWT, FVM, LPAZ, TORO, CPUP, HBVL, BRDY, APMT, SMWD, DRIO, AMTX, TPB05, TXAR, VHRN, TULEG, PDAR, YKA, AKASG, A36M, BRTR, ILAR, ILAR, AB31, ABKAR.

IDC 16 09:17:47.3.0.7.20:27N:45.68W, h0km, mb4.1/17,

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mbtmp4.1/17, Error ellipse: s-maj=21.9km s-min=17.4km az=131.0
GCMT 16 09:17:49.2.0.3.20:41N:0.03:45:58W:0.02, h14km, 1km, MW4.9/106, Moment Tensor Solution. s28.c29; s106.c136; Duration: 0 Moment tensor: Scale 10^16Nm; Mn=2.66z.17; Mpp=0.26z.11; Mss=2.41z.13; Mss=0.03z.34; Mss=0.12z.07; Mpp=0.93z.30; Best double couple: Mz2.70400x10^16 NP1.0z.185.000000, 835.000000, -7.88.000000. NP2.0z.2.000000, 855.000000, -1.92.000000. Principal axes: T 2.5810, P1g.10.0000, Azm93.0000, N 0.2500, P1g.10.0000, Azm3.0000, P 2.8260, P1g.0.0000, Azm266.0000, nst2 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 16 09:17:50.2.1.7.20:4N:0.1:45:67W:0.09, h10km, 1km, mb4.7/42, Error ellipse: s-maj=19.7km s-min=12.6km az=201.0

ISC 16 09:17:49.3.0.6.20:3N:0.1:45:7W:0.1, h10km, n71, r1500/57, mb4.6/53, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GBN, E62A, E62A, MVL, NCB, PTLB, SCHG, VWT, FVM, LPAZ, LPAZ, X40A, TORO, TORO, TORO, CPUP, CPUP, KAN01, HBVL, BRDY, APMT, SMWD, DRIO, AMTX, FCC, DAVA, FETA, TXAR, MOTA, SQTA, CTI, WATA, WATA, WBTA, VHRN, LESA, KBA, MYKA, BIOA, GERES, MOA, OBKA, POIN, SOKA, ARSA, CONA, RONA, HFS, PDAR, TULEG, TULEG, WUAJ, WUAJ, X16A, Y14A, SPR3, SPR3, ELK, YKA, MLR, YUH, YUH, ARCES, ARCES, ARCES, BRTR, C27K, D25K, D25K, E25K, ILAR.

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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 AKTO, BVAR, KURK, KURK, KURB8.

IDC 16 09:25:35.3z.4.3.5:74S:154.50E, h138km, 40km, mb3.6/7, mbtmp4.1/9, Error ellipse: s-maj=25.9km s-min=22.6km az=66.0

NEIC 16 09:25:35.5.1.0.5:7S:0.1:154.5E:0.1, h133km, 9km, mb4.3/13, Error ellipse: s-maj=22.2km s-min=15.5km az=59.0

ISC 16 09:25:33.0.8.5:71S:0:09:154.6E:0.1, h118km, n27, r1910/23, mb4.1/12, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RABL, PMG, PMG, DZM, DZM, WBO, WBO, WR8, WR8, MTN, MTN, WRAB, WRAB, WRA, WRA, WRA, ASAR, ASAR, H11S, H11S, H11S1, H11S1, KNRA, KNRA, BKZ, BKZ, TUWZ, TUWZ, MRZ, MRZ, LTZ, LTZ, JUNU, JUNU, JUNU, JUNU, LZDM, LZDM, SONM, SONM, ILAR, ILAR, ZALV, ZALV.

KRNET 16 09:27:15.6.0.1, 40:85N:69:24E, mb2.5

ISC 16 09:27:16.8.4.7, 40:8N:0.1:69.0E:0.3, h35km, n5, c082/8, 7C-30, Southeastern Uzbekistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BTK, BTK, TRKS, TRKS, GAR, GAR, ARK, ARK, KK31, KK31, ARSB, ARSB.

KRNET 16 09:28:06.5.0.1, 40:85N:69:34E, mb3.0

ISC 16 09:28:07.5.1.5, 40:82N:0.0:69.41E:0.08, h10km, n10, r1577/19, 11C-BD, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BTK, BTK, TRKS, TRKS, GAR, GAR, ARK, ARK, KK31, KK31, ARSB, ARSB.

NNC 16 09:31:56.8.0.6, 45:81N:79:20E, h3km, 3km, mb3.7, mp3.5, Error ellipse: s-maj=4.8km s-min=3.4km az=129.0

SOME 16 09:31:58.7, 45:78N:79:13E, h25km

ISC 16 09:31:57.9.1.0, 45:77N:0.0:79:27E:0.04, h10km, n47, r1527/63, 5C-4D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KAPS, KAPS, TDK, TDK, TDK, TDK, TDK, TDK, ARSB, ARSB, MNAS, MNAS, SFK, SFK, ARLS, ARLS, DJR, DJR.

16d 9h

Table with columns: Station Name, Time, Res, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GERES, DAVOX, NVAR, PDAR, and SCHO.

SJA 16 09:41:47.0, 2.1, 155:68.71W, h131km, 5km, ML3.8, MW3.9

NEIC 16 09:41:48.8, 1.7, 2.1, 145:0.05:68.69W, 0.08, h114km, 8km, mb4.2/10, ML3.8(GUC), Error ellipse: s-maj=10.6km

DC 16 09:41:48.2, 2.3, 2.1, 215:68.41W, h104km, 19km, mb3.9/5, mbmp4.1/10, Error ellipse: s-maj=29.2km s-min=17.4km az=100.0

GUC 16 09:41:49.5, 0.8, 2.1, 135:68.72W, h116km, 9km, ML3.8

VAO 16 09:41:55.9, 2.6, 20.7, 15:68.33W, h160km, 12km, mb4.3, Presumed earthquake

ISC 16 09:41:48.4, 0.2, 2.1, 155:0.03:68.62W, 0.05, h120km, 6km, n98, c158/128, mb4.2/4, 5C-5D, Chile-Bolivia border region

Main table for 16d 9h section, listing station names, times, residuals, and ISC codes for various seismic events.

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Main table for 2020 JAN section, listing station names, times, residuals, and ISC codes for various seismic events.

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Table with columns: Station Name, Time, Res, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRTR, YKA, and various Yellowknife stations.

DC 16 09:48:06.5, 3.0, 6.85N, 72.92W, h160km, 41km, mbmp3.9/2, Error ellipse: s-maj=385.8km s-min=7.7km az=132.0

RSNC 16 09:48:07.4, 0.7, 1.1, 7.3W, h153km, 2km, M3.3, mb4.8, mbmp3.6, ML3.0, Mw(mb)4.1

FUNV 16 09:48:10.9, 7.06N, 73.41W, h8km, MW3.6, Presumed earthquake

ISC 16 09:48:05.6, 1.0, 6.85N, 0.03:73.10W, 0.03, h161km, 6km, n41, c159/78, 1D, Northern Colombia

Main table for 1074 section, listing station names, times, residuals, and ISC codes for various seismic events.

Table with columns: Station Name, Frequency, Power, Band, and other technical details. Includes stations like STLK Strandline Lak, P19K Oil Pt, M20K Styx River, etc.

Table with columns: Station Name, Frequency, Power, Band, and other technical details. Includes stations like PLK2 Peulik 2, M24K Tolsona, DHI Denali Highway, etc.

Table with columns: Code, Station Name, Frequency, Power, Band, and other technical details. Includes stations like E0S4 E0S4, E0S3 E0S3, etc.

NEIC 16 09:58:21.0:21N:17.18W, h2km, Moment Tensor Solution. Duration: 364 Moment tensor: Scale 1017Nm; M₀:0.07; M₀:0.70; M₀-0.77; M₀:0.09; M₀:3.01; M₀-0.92; Fault plane solution: M₀:2.340000x10¹⁷ N²; P₁:83.13000°, δ73.42000°, λ179.79000°. NP2:φ₁:173.19000°, δ89.80000°, λ16.58000°. Principal axes: T 3.2025, P1g2.0000°, Azm39.0000°, N 0.0688, P1g3.0000°, Azm174.0000°, P -3.2713, P1g11.0000°, Azm307.0000°.

GCMT 16 09:58:22.1±0.1, 0:18N:0.017:12W:0.01, h19km, M₀:5.7165, Moment Tensor Solution. s124,c219; s165,c327. Duration: 197. Moment tensor: Scale 1017 Nm; M₀:0.05±0.22; 0.4; M₀:1.05±0.04; M₀:0.93±0.04; M₀:0.85±0.09; M₀:3.51±0.14; M₀:1.40±0.10; Best double couple: M₀:3.95300x10¹⁷ N²; P₁:81.00000°, δ69.00000°, λ174.00000°. NP2:φ₁:173.00000°, δ84.00000°, λ21.00000°. Principal axes: T 4.2690, P1g19.0000°, Azm39.0000°; N -0.6370, P1g68.0000°, Azm187.0000°; P -3.6370, P1g11.0000°, Azm305.0000°. nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment-rate function

ISC 16 09:58:18.8±0.6, 0:17N:0.055:17:12W:0.05, h15km, m3km, n814, σ1924/56, m5.3/284, M5.5/1273, 31C-24D, North of Ascension Island

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s	Res
H10N2	ASCENSION HYDR	8.37	162	T	T	10	09	17.6	
H10N3	ASCENSION HYDR	8.37	162	T	T	10	09	15.1	
H10N1	ASCENSION HYDR	8.37	162	T	T	10	09	23.0	
ASCN	Ascension	8.51	161		Pn	10	00	19.8	-1.8
DBIC	Dimboko	13.84	62		Pn	10	01	32.4	-2.3
DBIC	25m,0.3s,baz=274,slow=14,SNR=164				Sn	10	03	54.0	-1.4
DBIC	20m,0.3s,baz=183,slow=19,SNR=4.3				LR	10	05	54.6	
DBIC	comp-Z,2.1m,19.9s,baz=253,slow=33				LR	10	05	54.6	
DBIC	Dimboko	13.84	62		Pn	10	01	31.5	-3.2
BBTS	Babate	14.41	21		Pn	10	01	39.6	-2.9
BBTS	baz=260,slow=0.0				Sn	10	04	08.0	-1.4
SACV	Santiago Islan	16.05	337		Pn	10	02	03.5	-0.7
ACRG	Accra	17.74	72		Pn	10	02	23.8	-1.8
NBPV	Pedro Velho	19.29	250	eP	P	10	02	48.5	-0.5
RCBR	Riachuelo	19.67	252	P	Pn	10	02	48.5	-0.5
RCBR	6.5m,0.3s,baz=87,slow=18,SNR=75				S	10	06	09.8	-2.0
RCBR	8.2m,0.4s,baz=164,slow=23,SNR=31				LR	10	08	25.5	
RCBR	comp-Z,2.1m,19.9s,baz=76,slow=31				LR	10	08	25.5	
RCBR	Riachuelo	19.67	252		P	10	02	48.2	+0.5
RCBR	Riachuelo	19.67	252	eP	P	10	02	48.1	+0.5
NBPA	Parau RN	20.81	253	eP	P	10	03	00.3	+0.3
TORD	Tordi Ar. Bea	22.67	55	P	P	10	03	19.9	-1.1
TORD	58m,0.7s,baz=236,slow=9.2,SNR=181				LR	10	11	11.2	
TORD	comp-Z,2.1m,19.9s,baz=238,slow=34				LR	10	11	11.2	
TORD	Tordi Ar. Bea	22.67	55	P	P	10	03	17.7	-2.3
NBPS	Pedro II - PA	24.72	259	eP	P	10	03	38.7	-1.3
NBIT	Itapeh - BI	26.68	235	eP	P	10	03	57.9	+0.2
CMCI	Camacan, BA	26.93	254	eP	P	10	03	59.6	+0.7
EDA	Edea	27.49	82	P	P	10	04	04.9	-0.1
GUA01	Guaratina, BA	27.88	232	eP	P	10	04	08.3	-0.1
SDBA	SAO DESIDERIO	30.27	245	eP	P	10	04	28.1	-1.7
JANB	Januaria	30.84	239	eP	P	10	04	33.3	-1.5
TAM	Tamanrasset	31.48	43	P	P	10	04	40.7	+0.2
TAM	Tamanrasset	31.48	43	P	P	10	04	40.7	+0.2
TAM	comp-Z,100nm,0.3s				MLR	10	04	40.7	+0.2
TIO	Tiouane	31.99	16	P	P	10	04	45.1	+0.3
PRPB	Parauapebas	33.23	259	eP	P	10	04	54.4	-1.4
AVE	Averroes	34.20	15	P	P	10	05	04.4	+0.5
AVE	Averroes	34.20	15	P	P	10	05	05.0	+1.1
BDFB	Brasilia	34.31	241	P	P	10	05	04.8	-0.5
BDFB	comp-Z,3.9m,18.6s,baz=56,slow=8.8,SNR=12				LR	10	17	16.9	
BDFB	comp-Z,3.9m,18.6s,baz=75,slow=33				LR	10	17	16.9	
BDFB	Brasilia	34.31	241	P	P	10	05	05.1	-0.2
BDFB	Brasilia	34.31	241	P	P	10	05	05.1	-0.2
BDFB	comp-Z,2.26m,1.2s				IAMB	10	05	07.9	+0.8
MD31	MD31	34.55	19		IAMB	10	05	10.7	
MD31	comp-Z,2.79m,1.4s				LR	10	18	53.7	
MDT	Midelt	34.55	19	LR	LR	10	18	53.7	
MDT	comp-Z,2.3m,20.8s,baz=216,slow=36				LR	10	18	53.7	
MD01	Midelt array s	34.55	19	P	P	10	05	08.1	+0.9
IFR	Ifrane	35.04	18	P	P	10	05	12.7	+1.3
IPMB	Ipameri, GO	35.50	238	eP	P	10	05	15.3	-0.2
MDP	Montagnes des	35.81	276	LR	LR	10	17	31.3	
SNDB	Serra Nova Dou	36.00	249	eP	P	10	05	18.6	-1.2
OBBL	Beni Bahdel	37.34	21	P	P	10	05	32.9	+2.0
WMEL	Melilla	37.38	19	P	P	10	05	31.4	+0.2
WMEL					S	10	11	20.7	+1.8
ARAG	Araguaiana, MT	37.71	244	P	P	10	05	34.0	-0.2
SPB	Sao Paulo	37.74	229	IAMS_20	IAMS_20	10	17	37.8	
MORF	Marmelete	37.77	11	P	P	10	05	35.1	+0.6
MORF	Marmelete	37.77	11	P	P	10	05	35.1	+0.6
MORF	comp-Z,77nm,2.2s				IAMB	10	05	42.2	
MORF	Marmelete	37.77	11	P	P	10	05	35.2	+0.6
MORF	comp-Z,56nm,1.2s				pmx	10	05	36.6	+1.4
OSBL	Sidi Abdelli	37.80	22	P	P	10	05	37.6	+2.8
PBVD	Barranco-do-Ve	37.86	12	eP	IAMB	10	05	40.8	
EALB	Alboran	37.93	19	P	P	10	05	35.9	+0.1
ESPR	Espera	37.98	15	P	P	10	05	37.0	+0.8
EMIJ	Mijas	37.98	16	P	P	10	05	36.2	-0.1
PTEO	Sao Teotónio	37.99	11	eP	IAMB	10	05	37.8	+1.5
PVAQ	Vaqueiros	38.06	12	P	P	10	05	37.4	+0.5
PVAQ	comp-Z,1.69m,2.0s				IAMB	10	05	37.4	+0.5
PVAQ	Vaqueiros	38.06	12	eP	IAMB	10	05	38.6	+1.7
PVAQ	comp-Z,80nm,1.9s				IAMB	10	05	39.5	+2.3
EASA	Ain Sidi Ali	38.07	25	P	P	10	05	45.9	+7.7
PCVE	Castro Verde	38.21	12	eP	IAMB	10	05	50.0	
MESJ	Messejana	38.38	11	eS	IAMS_20	10	05	41.3	+1.7
MESJ	Messejana	38.38	11	eS	IAMS_20	10	11	37.3	+3.4
MESJ	comp-N,2.1m,21.0s				IAMS_20	10	20	32.8	
MESJ	Messejana	38.38	11	P	P	10	05	40.0	+0.4
MESJ	Messejana	38.38	11	eP	IAMB	10	05	41.5	+1.9
MESJ	comp-N,56nm,2.2s				IAMB	10	06	14.6	
MESJ	Messejana	38.38	11	P	P	10	05	41.3	+1.7
MESJ	Messejana	38.38	11	eS	S	10	11	37.3	+3.4
ODJA	Bouhanifia	38.40	23	P	P	10	05	43.6	+3.7
EMIN	Mina Concepcio	38.64	13	P	P	10	05	41.3	-0.5
OFRC	Douar Fergoug	38.64	23	P	P	10	05	45.5	+3.7
EGOR	Sierra Gorda	38.68	17	P	P	10	05	42.1	-0.2
NRGB	Novo Progresso	38.81	259	eP	P	10	05	42.1	-1.5
ITTB	Itaituba	38.84	263	eP	P	10	05	42.4	-1.4
PBAR	Barrancos	38.95	13	eP	IAMB	10	05	46.5	+2.2
PBAR	comp-N,31nm,1.7s				IAMB	10	05	48.0	
EZEK	Zmalet El Emir	39.00	26	P	P	10	05	47.8	+2.8
MOE	Montemor	39.01	11	eP	IAMB	10	05	47.5	+2.6
MOE	comp-Z,3.9m,20.8s				IAMB	10	05	48.9	
TSUM	Tsumeb	39.11	121	LR	LR	10	18	36.3	
TSUM	comp-N,3.9m,20.8s,baz=324,slow=31				LR	10	18	36.3	
TSUM	Tsumeb	39.11	121			10	05	46.4	+0.2
TSUM	comp-Z,3.9m,20.8s				IAMS_20	10	18	25.1	

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h	m	s	Res
PARRA	Arraiolos	39.35	11	eP	IAMB	10	05	48.9	+1.2
PARRA	comp-Z,47nm,1.6s				IAMB	10	05	56.8	
EAAN	'Ain N'Sour	39.43	24	P	P	10	05	50.7	+2.2
EKMS	Guel Kramis	39.57	23	P	P	10	05	51.7	+2.1
GLDI	Sidi Ghelzel	39.57	23	P	P	10	05	51.9	+2.1
PSBE	So Bento	39.89	10	eP	P	10	05	51.1	-1.1
EDDR	Deurdeur	39.93	25	P	P	10	05	54.8	+2.1
CLDB	Colider	39.98	25	eP	P	10	05	52.2	-1.2
ABRIN	Birine	39.98	26	P	P	10	05	55.3	+2.0
CART	Cartagena	40.10	20	P	P	10	05	54.8	+0.6
CART	comp-Z,92nm,1.4s				IAMB	10	05	56.3	
CART	comp-Z,3.9m,22.0s				IAMS_20	10	22	06.8	
EBNH	Windhoek	40.11	24	P	P	10	05	56.7	+2.6
WIN	Windhoek	40.25	126	P	P	10	05	55.8	+0.1
WIN	Windhoek	40.25	126	P	P	10	05	55.8	+0.1
ABSD	Outlet Sidi Bra	40.32	27	P	P	10	05	59.0	+3.1
PCAS	Casmilo, Conde	40.47	10	eP	P	10	06	02.3	+5.2
AKET	Djebel Ketaf	40.69	26	P	P	10	06	01.1	+2.0
PAB	San Pablo	40.89	15	P	P	10	06	01.6	+0.9
PAB	San Pablo	40.89	15	P	P	10	06	01.6	+0.9
PAB	comp-Z,34nm,1.3s				pmx	10	06	01.6	+0.9
MTE	Manteigas	40.98	11	eP	P	10	06	02.7	+1.4
PDRB	Porto dos Gac	41.04	252	eP	P				

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like CONA, CKRC, RONA, MANZ, MORH, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like DPC, MORC, OSTO, CFA, GORT, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like L64A, AK13, AK14, etc.

16d 9h

Table with columns: Station, Name, Time, Direction, Status, etc. Includes stations like W59A Clinton, J59A Piesco, CBN Corbin, etc.

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Table with columns: Station, Name, Time, Direction, Status, etc. Includes stations like Q52A, O52A, MOS, etc.

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Table with columns: Station, Name, Time, Direction, Status, etc. Includes stations like FAQ, WAZ, NWT, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Direction, Date, Time, and other parameters. Includes stations like L34A Svendsen Farm, ECSD EROS Data Cent, AGMN Agassiz Nation, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Direction, Date, Time, and other parameters. Includes stations like AAK comp=Z,25nm,1.3s, AAK Ala-Archa, AAK Ala-Archa, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Direction, Date, Time, and other parameters. Includes stations like XAN comp=N,670nm,18.7s, XAN comp=E,540nm,20.4s, XAN comp=Z,900nm,20.3s, etc.

16d 10h: IDC 16 10:00:32.5:3.2, 64:60N:32:19E, hOkm, mbtmp:3.2/4, ML2:3/4, Error ellipse: s-maj=43.7km s-min=10.9km

HEL 16 10:00:35.1:2.0, 64:69N:30:63E, hOkm, ML2.0, Suspected explosion

KOLA 16 10:00:36.0, 64:63N:30:91E, hOkm, ML2.3, Error ellipse: s-maj=17.3km s-min=8.8km az=160.0, Kostomuksha, Karelia

ISC 16 10:00:35.0:0.9, 64.73N:03:30.85E:0.05, hOkm, n45, 1566/58, Finland-Karelia border region

Table with columns: Code, Station Name, Frequency, Mode, Direction, Date, Time, and other parameters. Includes stations like Code RMF, RMF Romuvaara, RMF Romuvaara, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like BDFB Brasilia, TKL Tackaleeche C, SADO Sadowa, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like RONA Rosalia, NOA NORPAR Array B, NOA NORPAR Array A, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like BOSA Boshof, AB31 Akbulak array, NRIK Noril'sk, etc.

CNRM 16 12:03:03.4, 35°10'N-2°12'W, h5km, ML3.0
MDD 16 12:03:07.5, 0.8, 35°18'N-2°15'W, h0km, 4km, mb_Lg2.8/12,
Error ellipse: s-major=5.9km s-minor=3.6km az=152.0
ISSC 16 12:03:04.8, 1.2, 35°09'N-02°12'W, 0.03, h9km, 9km, n45,
+1839R1, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and other parameters. Includes stations like TAF Taforalt, TAF Taforalt, EMLI Melilla, etc.

16d 13h

Table with columns: EMPR, Esperanza - Ma, 0.81 25 IAML, 12 59 19.7, etc.

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

16d 13:09:46.8-7.7, 10.065x149.41E, h0km, mb3.0/2, mbtm3.1/3, ML3.0/1, Error ellipse: s-maj=257.8km...

16d 13:09:54.3-1.3, 17.89N:66.90W, h0km, mb3.6/7, mbtm3.7/8, ML3.3/1, Error ellipse: s-maj=33.3km...

16d 13:09:57.3, 17.92N:66.85W, h10km, MD3.6/7, NEIC 16 13:09:57, 17.92N:66.85W, h10km, Moment Tensor Solution...

16d 13:09:56.9-0.8, 17.91N:66.84W, h0km, mb3.0/2, NEIC 16 13:09:56.9-0.8, 17.91N:66.84W, h0km, mb3.0/2...

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

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

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

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

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Table with columns: GCPR, Guaynabo City, 0.83 58 Pg, 13 10 11.8 -0.6, etc.

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

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

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

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

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

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

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

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

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

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Table with columns: PB09, IPOC Station P, 1.94 184 eP, 13 13 28.2 +0.5, etc.

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

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

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

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

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

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

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

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

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

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like PAULI Pauline, Y49A Blount Mountain, KMSC Kings Mountain, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like CBKS Cedar Bluff, MNTQ Montreal, QEBQ Quebec, etc.

Table with columns: Call Sign, Name, Frequency, Mode, and other parameters. Includes stations like KURBB Kurchatov, ZALV Zalesovo, KSHZ Kashi, etc.

16d 14h

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like HLID Hailey, P17A Butcher Ranch, MNTX Cornudas Mount, etc.

IDC 16:13:45:52.3+10.0, 12.84N-146.70E, h0km, mb3.7/5, mbmtmp3.7/5, Error ellipse: s-maj=288.7km s-min=53.3km az=175.0, South of Mariana Islands

CATAC 16:13:45:58.0+0.3, 13.1N, 122.8W, h26km, M2, 2/36, MLV4.2/36, Error ellipse: s-maj=4.1km s-min=1.9km az=31.5, confirmed

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like LALI Alcaldia de L, JAYA Jayaque - firc, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like LALI Alcaldia de L, JAYA Jayaque - firc, etc.

2020 JAN

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like CSGN Cosiguina Volc, SARH Santa Rosa de, etc.

NEIC 16:13:52:58.9+10.0, 17.80N, 0.03:66:84W, 0.01, h10km, 2km, ML3.8/32, ML3.7/12(RSPR), Mw3.5/14(SLM), Error ellipse: s-maj=4.7km s-min=2.8km az=5.0

OSPL 16:13:53:00.4+0.8, 17.87N, 66.86W, h15km, 11km, ML3.1, Presumed earthquake

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Islan, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Islan, etc.

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Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like SJG San Juan, IDE Isla Desecheo, etc.

WEL 16:13:57:04.6+0.7, 39.54S, 177.62E, h61km, 6km, M3.0/24, s-min=4.2km az=148.4, confirmed

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MRHZ Matea Rd, MRHZ Hinemaiaia, etc.

IDC 16:14:05:27.6+1.0, 0.46N, 120.27E, h0km, mb3.4/5, mbmtmp3.5/6, ML4.2/1, MS3.0/3, Error ellipse: s-maj=63.7km s-min=17.6km az=70.0

DJA 16:14:05:30.8+0.3, 0.0N, 3.12E, h10km, M4.0/15, mb3.9/4, MLV4.1/15

ISC 16:14:05:33.5+1.0, 0.33N, 0.07W, 119.71E, 0.04, h34km, n24, s1993/23, mb3.5/5, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MPSI Mapaga, PCI Palu, etc.

0.3nm,0.7s
KURBB Kurchatov Arra 61.06 323 P
0.3nm,0.8s,baz=139,slow=6.2,SNR=5.1
0.3nm,0.8s

IDC 16:14:08:44.6:3.3,3.84N-95.74E,h0km,mb3.6/2,
mbtmp3.5/4,ML3.1/2,MS3.6/4,Error ellipse:
s-maj=67.4km s-min=43.7km az=55.0,Off west coast of
northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h m s ISC. Includes stations like PSI Prapat, CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, FURI Furi, MA2 Magadan, PETK Pstropavlovsk.

WEL 16:14:20:5.1,0.32'S,7.17'W,14h12km,MA,2/7,
mB4.8/4,ML4.1/8,MLV4.2/7,Mw(mb)4.0/4,Error ellipse:
s-maj=19.4km s-min=3.9km az=114.6,confirmed,
Kermadec Islands region

Large table listing stations in the Kermadec Islands region with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h m s ISC. Includes stations like GLKZ Green Lake, HAZ Te Kaha, WMGZ Waioamatatini S, PKGZ Pakihiroa, RUGZ Raukumara Rang, etc.

RSRP 16:14:22:45.4,17.87N-66.83W,h14km,MD3.0/9,
NEIC 16:14:22:44.0,1.1,17.78N,0.03:66.82W,0.01,h10km2.2km,
ML3.1/36,MD3.0/10(RSPR),4C-6D,Error ellipse:
s-maj=5.1km s-min=2.9km az=9.0,Puerto Rico region

Table listing stations in the Puerto Rico region with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h m s ISC. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Island, etc.

CRPR Cabo Rojo, PR 0.36 309 IAML Pg
14 22 51.5 +0.3
14 22 56.9

CRPR Cabo Rojo, PR 0.36 309f eP Pg
14 22 51.4 +0.3
14 22 55.7 -0.2
14 22 51.8 +0.3
14 22 57.2

CRPR Cabo Rojo, PR 0.36 309f eP Pg
14 22 51.4 +0.3
14 22 55.7 -0.2
14 22 51.8 +0.3
14 22 57.2
CELSP Cerrillos 0.37 38 IAML Pg
14 22 57.3
14 22 53.1 -0.2
14 22 59.2 -0.2
14 22 53.1 -0.2
14 22 52.9 -0.6
14 22 52.9

UUPR Utuado, UPR, P 0.48 12 IAML Pg
14 22 52.9
UUPR comp=N,14um,0.3s
14 23 01.2
UUPR comp=N,4um,0.3s
14 23 03.5
PRSN Puerto Rico Se 0.53 225 IAML Pg
14 22 54.0 -0.5
14 23 03.5
PRSN comp=N,5um,0.3s
14 23 03.5
PRSN comp=N,4um,0.2s
14 23 03.5
PRSN Puerto Rico Se 0.53 325 IAML Pg
14 23 00.6 -0.9
14 22 54.1 -0.4
14 23 00.6 -0.9
14 22 52.2 -0.9
14 23 02.5

AOPR Arcibco Observ 0.57 6 eS Pg
14 23 01.0 -1.7
14 22 54.3 -0.8
14 23 01.0 -1.7
14 22 56.8 -0.7
14 23 07.6
14 23 09.6
ECPR Experimental S 0.69 39f eS Pg
14 22 56.8 -0.6
14 23 05.5 -1.1
14 22 58.0 0.0
14 23 10.8
14 23 10.3

SJG San Juan 0.72 63 IAML Pg
14 22 57.7 -0.3
14 23 07.7 +0.3
14 23 07.3 -1.0
14 23 08.7
AGPR Aguadilla, PR 0.74 338 IAML Pg
14 23 09.0
comp=N,51nm,0.2s
14 23 09.0
AGPR Aguadilla, PR 0.74 338f eP Pg
14 23 06.6 -1.4
14 23 06.6 -1.4
14 23 10.0
EMPR Esperanza - Ma 0.75 22 IAML Pg
14 23 10.0
comp=N,534nm,0.8s
14 23 11.6
EMPR Esperanza - Ma 0.75 22f eP Pg
14 23 07.2 -1.0
14 22 57.9 -0.6
14 23 07.2 -1.0
14 22 59.7 -1.0
14 23 10.6 -1.5
14 22 59.7 -1.0
14 23 10.6 -1.5
14 23 02.2 -0.7
14 23 11.5

EMPR Esperanza - Ma 0.75 22f eP Pg
14 23 07.2 -1.0
14 22 57.9 -0.6
14 23 07.2 -1.0
14 22 59.7 -1.0
14 23 10.6 -1.5
14 22 59.7 -1.0
14 23 10.6 -1.5
14 23 02.2 -0.7
14 23 11.5
GCPP Guaynabo City 0.88 53 IAML Pg
14 23 11.5
GCPP comp=N,168nm,0.4s
14 23 11.9
GCPP comp=E,142nm,0.3s
14 23 11.9
GCPP Guaynabo City 0.88 53f eP Pg
14 23 11.0 -1.4
14 23 11.0 -1.4
14 23 02.5 -0.6
14 23 18.6
HUMP Col San Antoni 0.99 69 IAML Pg
14 23 18.7
comp=E,455nm,0.2s
14 23 18.7
HUMP Col San Antoni 0.99 69f eP Pg
14 23 14.0 -2.1
14 23 02.5 -0.6
14 23 14.0 -2.1

IDC 16:14:28:42.5:9.7,27.40N,141.23E,h302km,100km,
mb3.0/8,mbtmp3.7/9,Error ellipse: s-maj=30.4km
s-min=13.3km az=79.0
ISC 16:14:28:41.9:1.1,27.4N,0.2:141.0E:0.2,h300km,n10,
@182/10,mb3.1/9,Bonin Islands region
Code Station Name Az AzZ Op Phase ID ISC Time Res h m s ISC
KSR5 Korea Array 14.92 316 Op ISC
14 23 00.6 +1.3
14 15 11.1 0.0
LZDM Lanzhou Array 32.73 295 P
14 34 44.5 -2.9
WRA Warramunga Arr 47.48 189 P
14 36 46.4 -1.0
0.4nm,0.5s,baz=8.9,slow=7.6,SNR=13
0.4nm,0.5s
ZALV Zalesovo Beam 48.59 319 P
14 36 57.3 +1.8
0.4nm,0.4s,baz=89,slow=8.7,SNR=1.7
0.4nm,0.4s
MKAR Makanchi Array 49.48 309 P
14 37 03.2 +0.7
0.8nm,0.7s,baz=93,slow=8.7,SNR=8.7
0.8nm,0.7s
ASAR Alice Springs 51.20 188 P
14 37 17.5 +2.0
0.3nm,0.4s,baz=18,slow=13,SNR=18
0.3nm,0.4s

KURBB Kurchatov Arra 52.09 314 P
14 37 23.1 +1.4
1.2nm,0.7s,baz=94,slow=7.7,SNR=11
1.2nm,0.7s
BVAR Borovoye Array 57.12 317 P
14 37 58.7 +1.1
0.7nm,0.6s,baz=73,slow=5.0,SNR=3.9
0.7nm,0.6s
ILAR Gleason Array 57.98 29 P
14 38 02.5 -0.7
0.8nm,0.9s,baz=270,slow=6.0,SNR=4.3
0.8nm,0.9s
YKA Yellowknife Arr 72.40 28 P
14 39 35.1 -0.3
0.6nm,0.8s,baz=295,slow=6.4,SNR=4.2
0.3nm,0.8s

RSRP 16:14:36:19.5,17.82N-66.88W,h11km,MD2.9/9,
NEIC 16:14:36:19.1,1.0,17.81N,0.03:66.85W,0.009,
h10km2.2km,ML3.2/36,MD2.9/9(RSPR),7C-3D,Error
ellipse: s-maj=4.7km s-min=2.9km az=355.0,Puerto
Rico region

Table listing stations in the Puerto Rico region with columns: Code, Station Name, Az, AzZ, Op, Phase ID, ISC, Time, Res, h m s ISC. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Island, etc.

AOPR Arcibco Observ 0.54 11f eP Pg
14 36 36.3 -0.6
14 36 29.3 -0.4
14 36 36.3 -0.6
14 36 31.7 -0.8
14 36 44.0

ECPR Experimental S 0.69 43f eP Pg
14 36 44.1
comp=N,990nm,0.3s
14 36 44.1
ECPR Experimental S 0.69 43f eP Pg
14 36 31.9 -0.6
14 36 41.3 -0.3
14 36 31.7 -0.9
14 36 41.4
AGPR Aguadilla, PR 0.70 340 IAML Pg
14 36 46.5
comp=N,906nm,0.3s
14 36 46.5
AGPR Aguadilla, PR 0.70 340f eP Pg
14 36 31.9 -0.7
14 36 40.1 -1.6
14 36 32.8 -0.5
14 36 45.8

EMPR Esperanza - Ma 0.73 25f eP Pg
14 36 47.4
comp=N,809nm,0.6s
14 36 47.4
comp=N,1um,0.7s
14 36 43.0 +0.1
EMPR Esperanza - Ma 0.73 25f eP Pg
14 36 32.9 -0.4
EMPR Esperanza - Ma 0.73 25f eP Pg
14 36 43.0 +0.1
SJJ San Juan 0.74 66 IAML Pg
14 36 32.2 -1.1
SJJ San Juan 0.74 66 IAML Pg
14 36 46.4
comp=N,1um,0.6s
14 36 46.5
comp=N,667nm,0.6s
14 36 33.8 -1.1
IDE Isla Desecheo 0.82 315f eP Pg
14 36 44.3 -1.3
14 36 44.3 -1.3
14 36 44.3 -1.3
14 36 35.2 -1.0
14 36 47.3 -0.5
14 36 35.2 -1.0
14 36 37.2 -0.5
14 36 37.2 -1.4
14 36 55.4

HUMP Col San Antoni 1.02 71 IAML Pg
14 36 51.8 -0.1
14 36 37.7 -0.9
14 36 51.8 -0.1

IDC 16:14:39:48.0:0.8,13.72N,121.01E,h180km,8km,mb3.1/7,
mbtmp3.5/7,MS3.4/1,Error ellipse: s-maj=38.7km
s-min=15.2km az=64.0
ISC 16:14:39:49.4:0.9,13.8N,0.2:121.1E:0.3,h200km,n9,
@165/8,mb3.3/7,Mindoro

Code Station Name Az AzZ Op Phase ID ISC Time Res h m s ISC
TGy Tagaytay City 0.35 340 P
14 40 12.9 -3.2
baz=180,slow=0
CMAR Chiang Mai Arr 21.75 285 P
14 44 24.8 -0.5
0.4nm,0.3s,baz=101,slow=7.6,SNR=5.9
0.4nm,0.3s
BRDH Baridadhala 29.27 292 LR
14 58 48.4
comp=N,76nm,19.2s,baz=110,slow=39
FITZ Fitzroy Crossi 31.99 172 P
14 45 57.3 +0.4
1.6nm,0.8s,baz=338,slow=1.1,SNR=2.0
1.6nm,0.8s
WRA Warramunga Arr 35.96 158 P
14 46 30.6 -0.5
0.3nm,0.5s,baz=341,slow=9.0,SNR=5.5
0.3nm,0.5s
SONM Songoing Array 36.09 343 P
14 46 33.2 +1.1
0.3nm,0.5s,baz=157,slow=9.3,SNR=1.9
0.3nm,0.5s
ASAR Alice Springs 39.27 161 P
14 46 59.5 +0.6
0.7nm,0.4s,baz=335,slow=7,SNR=36
0.7nm,0.4s
MKAR Makanchi Array 46.19 323 P
14 47 55.1 +0.9
0.3nm,0.7s,baz=117,slow=7.8,SNR=2.5
0.3nm,0.7s
YKA Yellowknife Arr 92.58 23 P
14 52 38.4 +0.6
0.2nm,0.7s,baz=304,slow=5.3,SNR=4.9
0.2nm,0.7s

RSRP 16:14:53:46.1,17.89N-66.85W,h12km,MD2.8/7,
NEIC 16:14:53:45.8,0.9,17.87N,0.03:66.841W,0.009,
h10km1.1km,ML2.9/36,MD2.8/7(RSPR),10C-3D,Error
ellipse: s-maj=4.9km s-min=2.0km az=181.0,Puerto
Rico region

Code Station Name Az AzZ Op Phase ID ISC Time Res h m s ISC
GBPR Guanica, Bosqu 0.11 341f eP Pg
14 53 48.9 +0.3
14 53 51.0 +0.5
14 53 48.9 +0.3
14 53 51.0 +0.5
14 53 50.3 +0.0
14 53 54.2 +0.6
14 53 54.2
MLPR Magueyes Island 0.22 297 IAML Pg
14 53 54.0
comp=E,5um,0.5s
14 53 50.3 0.0
MLPR Magueyes Island 0.22 297f eP Pg
14 53 54.0 +0.6
14 53 51.7 +0.2
14 53 56.2 +0.9
14 53 56.7
OBIP Obispado Ponce 0.28 52f eP Pg
14 53 51.7 +0.2
14 53 56.2 +0.9
14 53 51.7 +0.2
14 53 56.2 +0.9
CRPR Cabo Rojo, PR 0.29 298 Pg
14 53 55.8 +0.3
14 53 56.7
CRPR Cabo Rojo, PR 0.29 298f eP Pg
14 53 56.7
CRPR Cabo Rojo, PR 0.29 298f eP Pg
14 53 51.5 -0.2
14 53 55.8 +0.3
14 53 52.7 0.0

CELSP Cerrillos 0.32 51 IAML Pg
14 53 58.1
Las Mesas 0.38 323 Pg
14 53 53.2 -0.2
14 53 59.1 +0.6
14 53 59.1 +0.6
14 53 59.1 +0.6
UUPR Utuado, UPR, P 0.40 17 Pg
14 53 53.4 -0.3
PRSN Puerto Rico Se 0.45 320 Pg
14 53 54.3 -0.4
14 54 00.7 +0.1
14 54 01.5
PRSN Puerto Rico Se 0.45 320 IAML Pg
14 54 02.9
comp=N,3um,0.3s
14 54 02.9
PRSN Puerto Rico Se 0.45 320f eP Pg
14 53 54.3 -0.4
14 53 54.3 -0.4
14 54 01.4 -0.2
14 54 02.7
AOPR Arcibco Observ 0.48 10f eP Pg
14 53 54.9 -0.4
14 54 01.4 -0.2
14 53 57.5 -0.7
14 54 08.2
ECPR Experimental S 0.64 45 IAML Pg
14 54 10.0
comp=N,762nm,0.2s
14 54 10.0
ECPR Experimental S 0.64 45f eP Pg
14 53 57.5 -0.6
14 54 06.2 -0.3
AGPR Aguadilla, PR 0.65 337f eP Pg
14 53 57.6 -0.8
14 54 06.5 -0.4
EMPR Esperanza - Ma 0.67 26f eP Pg
14 53 58.8 -0.2
14 54 08.3 +0.6
EMPR Esperanza - Ma 0.67 26 IAML Pg
14 54 12.5
comp=N,550nm,0.6s
14 53 58.6 -0.2
EMPR Esperanza - Ma 0.67 26f eP Pg
14 54 08.3 +0.6
14 54 08.3 +0.6
SJJ San Juan 0.70 70 Pg
14 54 14.4
SJJ San Juan 0.70 70 IAML Pg
14 54 14.4
comp=N,348nm,0.3s
14 54 01.1 -1.0
IDE Isla Desecheo 0.79 311f eP Pg
14 54 10.5 -1.0
14 54 00.1 -1.0
14 54 10.5 -1.0
14 54 01.0 -1.0
14 54 12.3 -0.7

16d 16h

Table with columns for location (e.g., GRL, INSR, UGLR), coordinates, and status. Includes entries like GRL 1.14 291 PN Pn 16 31 32.3 -0.5 and YUK 12.35 234 ePN Pn 16 34 04.7 -1.5.

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Table with columns for location (e.g., YUK, YUK, YUK, RUSJ), coordinates, and status. Includes entries like YUK comp=Z,355nm,0.3s pmax pmax and RUSJ Misakicho 12.61 236 ePN Pn 16 34 07.9 -1.8.

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Table with columns for location (e.g., N14K, N14K, N14K, O14K), coordinates, and status. Includes entries like N14K Kuskokwaw Cree 22.59 55 P Iamb Iamb 16 36 09.1 -0.2 and O14K Tigyuakaiwet M 22.78 56 P P 16 36 11.0 -0.4.

Table with columns: Name, Comp, Az, El, SNR, and other parameters. Includes stations like KHC, GRF, ZST, WRA, etc.

Table with columns: Name, Comp, Az, El, SNR, and other parameters. Includes stations like SILT, PALK, KIRS, DAVA, SHME, etc.

Table with columns: Name, Comp, Az, El, SNR, and other parameters. Includes stations like MZR, SMRA, PPT, etc.

16d 16h

TAP 16 16:38:24.9,23.929N,121.45E,h22km,ML3.6,B
ISC 16 16:38:25.0,8,23.929N,121.45E,0.02,h19km,1km,
n126,c0951/209,14C-17D,Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists various stations and their associated data points.

2020 JAN

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists various stations and their associated data points.

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Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists various stations and their associated data points.

MOS 16 16:40:21.0,1.2,51.95N,160.10E,h24km,mb4.3/2,Error
ellipse: s-maj=11.8km s-min=5.0km az=110.
KRSC 16 16:40:22.6,1.4,52.05N,159.89E,h21km,28km,ML4.2
NEIC 16 16:40:25.3,2.1,52.12N,160.08E,h19.9E,0.1,h35km,2km,
mb4,1/16,Error ellipse: s-maj=15.3km s-min=9.2km
az=30.0

IDC 16 16:40:29.3,2.2,52.26N,159.83E,h76km,23km,mb5.1/2,
mlbmp3.8/12,Error ellipse: s-maj=28.3km s-min=19.5km
az=107.0

ISC 16 16:40:25.3,1.2,52.12N,160.05E,h44km,12km,
n910,1953/100,mb4.0/18,Off east coast of Kamchatka

NEIC 16 16:46:29.0,0.8,17.81N,104.66E,h6.82W,0.01,h15km,4km,
ML2,8/36,MD2,4/12(RSPR),Error ellipse: s-maj=5.6km
s-min=1.8km az=177.0
OSPL 16 16:46:29.0,0.5,17.80N,106.83W,h11km,2km,ML2.2,
Presumed earthquake
RSPR 16 16:46:29.9,1.7,83N,66.83W,h7km,MD2,4/12
ISC 16 16:46:29.6,1.4,17.82N,106.66E,h14km,7km,
n38,c054/67,8D,Puerto Rico region

Table with columns: SJG, IAML, 16 46 57.5, 0.71 23, Pg, 16 46 43.4 0.0, Sg, 16 46 53.4 +0.7, Sg, 16 46 43.0 +0.2, Sg, 16 46 54.2, 16 46 56.1, 0.71 23, I/P, Pg, 16 46 43.4 0.0, eS, 16 46 53.4 +0.7, 0.83 312, Pg, 16 46 44.9 -0.9, Sg, 16 46 56.6 -0.2, Sg, 16 46 44.9 -0.9, Sg, 16 46 56.6 -0.2, Sg, 16 46 44.9 -0.9, Sg, 16 46 56.6 -0.2, 0.85 55, Pg, 16 46 45.5 -0.6, Sg, 16 46 57.6 +0.2, Sg, 16 46 45.5 -0.6, Sg, 16 46 57.6 +0.2, Sg, 16 46 45.5 -0.6, Sg, 16 46 57.6 +0.2, 0.98 71, I/P, Pg, 16 47 01.5 +0.1, Sg, 16 47 01.5 +0.1, 0.98 71, I/P, Pg, 16 46 47.6 -0.9, Sg, 16 47 01.5 +0.1, Sg, 16 47 12.0 +0.6, Pn, 16 47 12.0 +0.6

KRSC 16 16:47:29.6:1.3, 51.97N:159.97E, h48km, 20km, M4.5
NEIC 16 16:47:30.0:2.0, 51.98N:0.08:160.1E:0.1, h35km, 2km,
mb4.2/29, Error ellipse: s-maj=13.4km s-min=10.2km
az=204.0

MOS 16 16:47:32.4:1.2, 52.08N:159.61E, h57km, mb4.3/9, Error
ellipse: s-maj=9.6km s-min=4.6km az=103.6
IDC 16 16:47:30.0:2.0, 51.92N:159.53E, h79km, 14km, mb3.6/26,
mbtp3.9/27, Error ellipse: s-maj=17.3km s-min=13.0km
az=128.0

ISC 16 16:47:28.6:1.5, 52.01N:0.04:159.87E:0.04, h17km, 8km,
n148, c132/158, mb4.0/45, 3D, Off east coast of
Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like RUS, SPN, MYA, KAMC, MUTNOVKA, DALNY, GORELY, PETROPAVLOVSK, etc.

Table with columns: BNX, BinXian, 22.13 266, I/P, P, 16 52 24.3 +1.2, Pmax, 16 52 24.3 +1.2, F15K, North Star Dit, 22.50 39, P, I/Amb, 16 52 26.4 -0.5, 16 52 39.7, JGF, Kuroka, 22.94 233, P, I/Amb, 16 52 30.9 -1.0, 16 52 42.0, C16K, Lisburne Hills, 23.28 33, P, P, 16 52 34.0 -0.9, 16 52 40.8 -1.3, TIKSI, Tiksi, 24.02 336, I/P, Pmax, 16 52 34.0 -0.9, P16K, Nushagak River, 24.51 57, P, P, 16 52 44.5 -2.3, C18K, Utukok River, 24.83 33, P, I/Amb, 16 52 48.4 -1.3, C19K, Honhosa River, 24.87 42, P, I/Amb, 16 52 49.1 -0.9, H18K, Honhosa River, 24.87 42, P, I/Amb, 16 53 11.5, H18L, Hailar Array B, 25.26 280, P, P, 16 52 53.1 -0.6, HIA, Hailar, 25.37 280, P, P, 16 52 53.8 -0.9, HIA, Hailar, 25.37 280, P, Pmax, 16 52 53.8 -0.9, C19K, Lookout Ridge, 25.54 33, P, I/Amb, 16 52 55.5 -0.5, 16 53 09.9, J19K, Poorman, 25.85 45, P, I/Amb, 16 52 58.2 -0.6, 16 53 18.1, B20K, Meade River, 26.66 31, P, I/Amb, 16 53 04.7 -1.4, 16 53 11.7, KSRs, Korea Array, 26.70 250, P, P, 16 53 08.0 +1.3, 16 53 11.7, KSRs, Korea Array, 26.70 250, P, P, 16 53 08.0 +1.3, ILAR, Eielson Array, 29.68 44, P, P, 16 53 35.0 +1.9, 16 53 35.0 +1.9, ILAR, Eielson Array, 29.68 44, P, P, 16 53 35.0 +1.9, 16 53 52.1 -1.9, H11N, WAKE ISLAND Hy, 32.68 168, T, T, 17 29 05.2, H11N1, WAKE ISLAND Hy, 32.70 168, T, T, 17 29 14.8, H11N2, WAKE ISLAND Hy, 32.70 168, T, T, 17 29 09.9, ULN, Ulaanbaatar, 33.62 284, eP, Pmax, 16 54 06.0 -2.1, ULN, Ulaanbaatar, 33.62 284, eP, Pmax, 16 54 06.0 -2.1, H11S1, WAKE ISLAND Hy, 33.86 168, T, T, 17 30 38.1, H11S3, WAKE ISLAND Hy, 33.87 168, T, T, 17 30 40.7, H11S2, WAKE ISLAND Hy, 33.88 168, T, T, 17 30 40.2, SONM, Songino Array, 34.03 285, P, P, 16 54 11.2 -0.4, 16 54 11.2 -0.4, SONM, Songino Array, 34.03 285, P, Pmax, 16 54 11.2 -0.4, HHC, Hu-ho-hao-te, 34.51 271, eP, P, 16 54 14.3 -1.5, GTA2, Gaotai, 42.59 278, eP, Pmax, 16 55 24.0 +0.3, ZALV, Zalesov Beam, 43.26 304, P, P, 16 55 26.9 -1.8, 16 55 26.9 -1.8, DGZ, Jazator, Alta, 44.03 297, I/P, Pmax, 16 55 32.2 -3.0, 16 55 32.2 -3.0, YKA, Yellowknife Arr, 44.06 42, P, P, 16 55 36.8 +1.8, 16 55 36.8 +1.8, SPITS, Spitsbergen Arr, 48.18 351, P, P, 16 56 08.3 +0.9, 16 56 08.3 +0.9, SPUR2, Spitsbergen Arr, 48.18 351, P, P, 16 56 08.0 +0.6, 16 56 07.4 +0.2, KURK, Kurchatov Arra, 48.30 302, P, P, 16 56 07.4 -1.1, 16 56 07.4 -1.1, KURRB, Kurchatov Arra, 48.30 302, P, P, 16 57 35.3 +0.2, 16 57 35.3 +0.2, MKAR, Makanchi Array, 48.51 296, P, P, 16 56 09.1 -1.2, 16 56 09.1 -1.2, MKAR, Makanchi Array, 48.51 296, P, P, 16 57 36.8 +0.8, 16 57 36.8 +0.8, PZH, PanZhiHua, 50.11 263, P, P, 16 56 22.8 -0.1, 16 56 22.8 -0.1, BVAR, Borovoye Array, 50.96 309, P, P, 16 56 27.4 -1.4, 16 56 27.4 -1.4, ARCES, ARCESS Array B, 54.28 342, P, P, 16 56 53.0 -0.1, 16 56 53.0 -0.1, ARCES, ARCESS Array B, 54.28 342, P, P, 16 56 52.3 -0.8, 16 56 52.3 -0.8, ARCES, ARCESS Array B, 54.28 342, P, P, 16 56 53.0 -0.1, 16 56 53.0 -0.1, KK31, Karatay Array, 57.30 300, P, I/Amb, 16 57 13.8 -1.4, 16 57 13.8 -1.4, KK31, Karatay Array, 57.30 300, P, Pmax, 16 57 13.8 -1.4, 16 57 13.8 -1.4, KKAR, Karatay Array, 57.30 300, P, P, 16 57 13.8 -1.4, 16 57 13.8 -1.4, CMAR, Chiang Mai Arr, 57.83 259, P, P, 16 57 21.6 +2.4, 16 57 21.6 +2.4, PDAR, Pinedale Array, 58.17 60, P, P, 16 57 24.2 +2.6, 16 57 24.2 +2.6, AB31, Akbulak array, 58.40 311, P, I/Amb, 16 57 20.9 -1.8, 16 57 20.9 -1.8, AB31, Akbulak array, 58.40 311, P, P, 16 57 23.4, 16 57 23.4, ABKAR, Akbulak array, 58.40 311, P, P, 16 57 21.9 -0.9, 16 57 21.9 -0.9, PSUT, Pine Spring, 58.72 66, P, P, 16 57 23.0 -2.5, 16 57 23.0 -2.5, F1A1, FINES Array S, 61.06 337, P, P, 16 57 39.8 -1.1, 16 57 39.8 -1.1, FINES, FINES Array B, 61.06 337, P, P, 16 57 41.2 +0.3, 16 57 41.2 +0.3, FINES, FINES Array B, 61.06 337, P, P, 16 57 40.7 -0.2, 16 57 40.7 -0.2, FINES, FINES Array B, 61.06 337, P, Pmax, 16 57 41.5 +0.6, 16 57 41.5 +0.6, CHGR, Chuyangaron, 61.12 297, P, P, 16 57 39.6 -2.2, 16 57 39.6 -2.2, CHGR, Chuyangaron, 61.12 297, P, Pmax, 16 57 39.6 -2.2, 16 57 39.6 -2.2, NOA, NORPAR Array B, 64.55 344, P, P, 16 58 04.8 +0.6, 16 58 04.8 +0.6, HFS, Hagfors, 64.94 342, P, P, 16 58 07.5 +0.8, 16 58 07.5 +0.8, AKASG, Malin Array Br, 69.47 329, P, P, 16 58 35.4 -0.2, 16 58 35.4 -0.2, KBZ, Khabaz, 70.23 317, P, P, 16 58 41.0 +0.6, 16 58 41.0 +0.6, TXAR, Lajitas Array, 70.19 317, P, P, 16 58 49.1 +2.5, 16 58 49.1 +2.5, CLL, Colim, 73.32 339, eP, P, 16 58 58.0 -0.8, 16 58 58.0 -0.8, CLL, Colim, 73.32 339, eP, P, 16 58 58.0 -0.8, 16 58 58.0 -0.8, BUR08, Bucovina Ar. S, 73.42 330, P, I/Amb, 16 58 59.8 +0.1, 16 58 59.8 +0.1, BUR08, Bucovina Ar. S, 73.42 330, P, I/Amb, 16 59 00.9, 16 59 00.9, BURAR, Bucovina Array, 73.44 330, P, I/Amb, 16 58 60.0 +0.2, 16 58 60.0 +0.2, BURAR, Bucovina Array, 73.44 330, P, I/Amb, 16 59 01.0, 16 59 01.0, WRA, Warramunga Arr, 75.04 205, P, P, 16 59 10.9 +1.8, 16 59 10.9 +1.8, WRA, Warramunga Arr, 75.04 205, P, P, 16 59 06.5 -2.6, 16 59 06.5 -2.6

Table with columns: GERES, GERESS Array B, 75.47 338, P, P, 16 59 12.5 +1.0, 16 59 12.5 +1.0, BRTR, Keskin Array B, 77.37 320, P, P, 16 59 22.8 +0.3, 16 59 22.8 +0.3, BRTR, Keskin Array B, 77.37 320, I/P, Pmax, 16 59 23.2 +0.7, 16 59 23.2 +0.7, ASAR, Alice Springs, 78.71 204, P, P, 16 59 32.1 +2.3, 16 59 32.1 +2.3, ASAR, Alice Springs, 78.71 204, P, P, 16 59 28.8 -1.0, 16 59 28.8 -1.0, IMMAI, Mount Meron Arr, 78.20 316, P, P, 16 59 50.4 +0.7, 16 59 50.4 +0.7, ESDC, Sonseca Array, 87.61 348, P, P, 17 00 16.0 +0.3, 17 00 16.0 +0.3

KRSC 16 16:49:17.3:2.2, 52.03N:159.91E, h50km, 21km, M3.9
IDC 16 16:49:22.1:5.7, 52.40N:159.90E, h67km, 42km, mb3.2/3,
mbtp3.5/3, Error ellipse: s-maj=51.6km s-min=34.8km
az=89.0

ISC 16 16:49:19.3:1.2, 52.08N:0.08:159.78E:0.08, h35km, n25,
c134/218, mb3.3/3, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like RUS, SPN, MTVR, KDR, NLC, DALK, GRL, INSR, KRM, UGLR, SDLR, SMAR, AVH, KRER, KOK, KRX, PETK, etc.

KRSC 16 16:51:29.3:1.2, 52.07N:159.85E, h21km, 19km, M3.8,
Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like RUS, SPN, MTVR, KDR, NLC, DALK, GRL, INSR, KRM, UGLR, SDLR, SMAR, AVH, KRER, KOK, KRX, PET, APC, PAU, GNL, KBTR, MKAR, etc.

RSRP 16 16:52:51.8, 17.98N:66.83W, h16km, MD3.0/9
OSPL 16 16:52:51.6:0.3, 17.95N:66.83W, h19km, 2km, ML2.9
Presumed earthquake
NEIC 16 16:52:52.5:1.6, 18.05N:0.02:66.83W:0.009,
h10km, 1km, M3.3/3, M3.3/3, Error ellipse:
s-maj=3.1km s-min=2.3km az=156.0
ISC 16 16:52:50.4:1.0, 17.96N:0.05:66.82W:0.02, h24km, 5km,
n40, c048/64, 9C-3D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like GBPR, GUANICA, BOSQU, MAGUEYES, MILPR, OBIP, OBISPADO, CERRILLOS, CABO ROJO, etc.

16d 17h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ECPR, AGPR, and IDE.

MOS 16 17:05:28.1±1.1, 51.97N; 160.20E, h24km, mb4.2/7, Error ellipse: s-maj=10.2km s-min=4.7km az=110.1

ISC 16 17:05:33.1±1.2, 52.08N; 0.05; 159.81E; 0.06, h45km; 10km, n123, r19/08/127, mb4.0/34, 1C, Off east coast of Kamchatka Peninsula

Main station list table for Kamchatka Peninsula with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RUS, SPN, MTRV, NLC, GRL, etc.

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Main station list table for Kamchatka Peninsula (continued) with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MJAR, GRL, PET, etc.

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Main station list table for Kamchatka Peninsula (continued) with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GRL, PET, INS, etc.

ISC 16 17:31:54.9±3.7, 51.54N; 159.46E, h0km, mb3.7/2, mbmp3.7/2, Error ellipse: s-maj=105.2km s-min=48.3km

ISC 16 17:32:00.2±1.9, 51.99N; 0.07; 159.88E; 0.07, h26km; 12km, n28, r08/2/30, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RUS, SPN, KDR, etc.

ISC 16 17:34:19.6±9.5, 7.21S; 129.53E, h195km; 99km, mb3.3/3, mbmp3.8/5, Error ellipse: s-maj=89.8km s-min=33.9km

ISC 16 17:34:19.5±1.2, 7.3S; 0.1; 129.6E; 0.1, h200km; n6, r13/7/1, mb3.7/3, Banda Sea

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

KRSC 16 17:20:37.0±7.0, 52.04N; 159.85E, h26km; 19km, M13.9, IDC 16 17:20:40.6±5.2, 52.19N; 160.04E, h52km; 42km, mb3.3/5, mbmp3.6/5, MS4.0/1, Error ellipse: s-maj=47.7km s-min=26.5km az=88.0

ISC 16 17:20:39.8±2.1, 52.07N; 0.07; 159.9E; 0.1, h45km; 17km, n15, r08/9/33, mb3.5/5, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RUS, SPN, MTRV, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GTA2, ZALV, YKAL, KURK, SPITS, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MODS, WRAB, WRA, WRES, BRTR, etc.

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

Table with columns: SKR, comp, E, Az, smax, smax. Lists various stations and their coordinates and signal strength.

Table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res, h, m, s, ISC. Lists station codes and names with associated data.

Table with columns: AOPR, Arcadio Observ, comp, N, J, m, 0, 2s, 0.34, 0, IAML, 20 05 07.9. Lists station names and their coordinates.

IDC 16 20:11:17.9.1.7.44.63N.143.10E, h240km, 10km, mb3.5/6, mbmp3.9/8, Error ellipse: s-maj=44.8km s-min=34.7km

Table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res, h, m, s, ISC. Lists station codes and names with associated data.

NOU 16 20:12:13.1, 14.93S, 167.26E, h100km, MLV4.7/20, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res, h, m, s, ISC. Lists station codes and names with associated data.

IDC 16 20:12:33.8, 2.2, 46.61S, 165.97E, h0km, mb3.9/3, mbmp3.9/3, Error ellipse: s-maj=130.9km s-min=46.6km

NEIC 16 20:12:35.6, 1.4, 47.0S, 0.1, 165.35E, 0.09, h10km, 2km, mb4.5/2, Error ellipse: s-maj=21.1km s-min=6.7km

WEL 16 20:12:37.0, 1.3, 47.5S, 10.0, 16.6E, h5km, M4.2/10, ML4.0/10, MLV4.2/10, Error ellipse: s-maj=13.3km

NOU 16 20:12:52.3, 46.37S, 167.00E, h5km, mb4.4/10, Off W, Coast of S. Island, N.Z.

ISC 16 20:12:35.0, 1.0, 47.19S, 0.0, 165.37E, 0.07, h13km, n70, e1508/68, mb4.2/4, Off coast of South Island

Table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res, h, m, s, ISC. Lists station codes and names with associated data.

Table with columns: SYZ, Scrubby Hill, 2.66, 77, S, Sn, 20 13 39.5 -10. Lists station names and their coordinates.

STKA Stephens Creek 23.75 302 Iamb Iamb 20 17 49.5

AS31 Alice Springs 34.38 302 P Iamb Iamb 20 19 21.3 -0.6

ASAR Alice Springs 34.38 302 P P 20 19 22.3 +0.5

ASAR Alice Springs 34.38 302 P P 20 19 20.6 -1.3

ASAR Alice Springs 34.38 302 P P 20 19 44.7 -0.3

H01W Cape Leeuwin H 39.86 269 T T 21 02 19.1

H01W2 Cape Leeuwin H 39.87 269 T T 21 02 19.9

H01W3 Cape Leeuwin H 39.88 269 T T 21 02 20.5

H04S1 CROZET ISLANDS 69.80 222 T T 21 41 04.6

H04S2 CROZET ISLANDS 69.80 222 T T 21 41 03.8

H04S3 CROZET ISLANDS 69.81 222 T T 21 41 00.4

TORD Torodi Ar. Bea 143.41 207 PKP PKPdf 20 32 08.7 -0.7

BRTR Keskin Array B 144.66 276 PKPbc PKPdf 20 32 10.7 -0.4

BRTR Keskin Array B 144.66 276 PKPbc PKPdf 20 32 11.2 +0.1

SPITS Spitsbergen Ar 146.73 349 PKPbc PKPdf 20 32 15.3 -1.0

KRSC 16 20:23:47.0, 1.5, 51.94N, 160.02E, h31km, 21km, MI3.8, Off east coast of Kamchatka peninsula

Table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res, h, m, s, ISC. Lists station codes and names with associated data.

IDC 16 20:29:30.3, 2.9, 8.85S, 122.39E, h122km, 33km, mb3.5/2, mbmp3.6/5, Error ellipse: s-maj=62.6km s-min=27.2km

ISC 16 20:29:29.0, 1.4, 9.1S, 0.1, 122.0E, 0.1, h100km, n6, e2566/8, Savu Sea

Table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res, h, m, s, ISC. Lists station codes and names with associated data.

BATI Baumata 2.00 123 P P 20 30 03.9 +2.2

BATI 11m, 0.3s, baz=323, slow=10, SNR=10 S Sn 20 30 26.1 -0.5

FITZ Fitzroy Crossi 9.62 159 P P 20 31 46.2 +1.8

FITZ 3.6m, 0.3s, baz=9.0, slow=19, SNR=12 S Sn 20 33 26.7 -4.0

WRA Warramunga Arr 16.10 133 P P 20 33 08.4 -1.2

WRA 0.4m, 0.4s, baz=310, slow=12, SNR=6.1 S Sn 20 35 53.6 -1.4

ASAR Alice Springs 18.43 143 P P 20 33 36.7 -0.1

ASAR 0.2m, 0.4s, baz=314, slow=11, SNR=12 S Sn 20 36 51.9 -1.0

NWA0 Narrogin (SRO) 24.05 190 P P 20 34 37.8 +2.6

NWA0 8.9m, 1.0s, baz=14, slow=12, SNR=2.3 S Sn 20 40 02.6 -1.7

MCAR Makanchi Array 65.93 331 P P 20 40 02.6 -1.7

IDC 16 20:35:56.1, 2.1, 50.22N, 115.19W, h0km, mb3.1/2, mbmp3.3/4, ML3.8/2, Error ellipse: s-maj=53.2km

PGC 16 20:35:57.5, 10.0, 50.27N, 114.83W, h2km, 1km, ML3.5/4, 29km northeast of Elkford, Bc Alberta, Canada

ISC 16 20:35:56.5, 1.0, 50.31N, 0.05S, 114.87W, 0.05, h10km, n16, e218/21, Alberta

Table with columns: Code, Station Name, Az, AZ, Op, Phase ID, Time, Res, h, m, s, ISC. Lists station codes and names with associated data.

1105

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BOBA Colville Reser, LYMT Lyon Mountain, HOPB Hope, etc.

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

NEIC 16:20:37.0-0.4, 17.87N-0.005-66.84W, 0.01h1, h1km±1km, ML2.7/32, Error ellipse: s-maj=8.4km s-min=2.7km az=357.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Islan, etc.

RSPR 16:20:37.16.1, 17.85N-66.87W, h10km, MD2.9/8 NEIC 16:20:37.15.8-0.9, 17.83N-0.003-66.868W, 0.008, h10km±1km, ML3.1/34, MD2.9(4)(RSPR), 3C-5D, Error ellipse: s-maj=5.3km s-min=2.8km az=358.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Islan, etc.

OSPL 16:20:58.46.3-0.7, 17.98N-0.003-66.75W, h14km±3km, ML3.9, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Islan, etc.

RSPR 16:20:48.23.9, 17.86N-66.83W, h6km, MD2.2/3 NEIC 16:20:48.23.5-0.8, 17.84N-0.003-66.819W, 0.005, h10km±1km, ML2.5/36, MD2.2(3)(RSPR), 1C-7D, Error ellipse: s-maj=5.1km s-min=2.8km az=2.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Islan, etc.

2020 JAN

Main table for 2020 JAN with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MLPR Magueyes Islan, OBIP Obispo Ponce, etc.

IDC 16:20:58.43.9-0.5, 17.89N-66.80W, h0km, mb4.0/24, mbmp4.1/27, ML3.4/3, MS3.2/7, Error ellipse: s-maj=14.4km s-min=7.5km az=166.0

NEIC 16:20:58.46.6-1.2, 17.98N-0.04-66.73W, 0.02 h10km±1km, mb4.6/41, ML4.6/40, Mw4.1/16, ML4.3/9(RSPR), Mw4.1/13(SLM), Error ellipse: s-maj=7.7km s-min=2.8km az=343.0, Moment Tensor Solution, Moment tensor: Scale 10^10 Nm, Mr=1.19; Mw=1.06; Mw0=0.74; Mw0.88; Mw0.05; Fault plane solution: M1.620000x10^15 NP1: 78.24000°, 86.017000°, -66.54000°. NP2: 21.13000°, 83.27000°, -124.77000°. Principal axes: T 1.7249, Plg12.0000°, Azm152.0000°; N -0.2440, Plg20.0000°, Azm246.0000°; P -1.4809, Plg66.0000°, Azm32.0000°.

NEIC 16:20:58.47, 18.01N-66.76W, h13km, Moment Tensor Solution, Moment tensor: Scale 10^15 Nm, Mr=1.11, Mw1.02; Mw0.09; Mw=0.95; Mw0.57; Mw0.14; Fault plane solution: M0.155000x10^15 NP1: 22.40000°, 82.00000°, -126.00000°. Principal axes: T 1.5462, Plg18.0000°, Azm160.0000°; N -0.0007, Plg18.0000°, Azm256.0000°; P -1.5455, Plg64.0000°, Azm29.0000°.

NEIC 16:20:58.47, 18.01N-66.76W, h10km±1km, MD3.5/9 RSPR 16:20:58.47, 2.1.8, 18.00N-66.75W, h20km±12km, MD4.1, ML3.9, MW4.3, Presumed earthquake

OSPL 16:20:58.47, 17.98N-66.75W, h14km±3km, ML3.9, Presumed earthquake

ISC 16:20:58.46.3-0.7, 17.98N-0.003-66.75W, 0.02, h16km±4km, n153, s1917/175, mb4.4/39, MS3.2/6, SC-13D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Islan, etc.

16d 20h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AOPR Arcobio Observ, AOPR Arcobio Observ, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ESDC, TORO, ILAR, ARCES, FINES.

IDC 16:21:15:58.2,25.0,18.39S-177.74W,h550km,311km, mb3.3/5,mbtmp4.3/5,Error ellipse: s-maj=94.9km s-min=41.7km az=107.0, Fiji Islands region

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

RSPR 16:21:21:08.7,17.99N,66.76W,h14km,1km,MD3.3/9, NEIC 16:21:21:08.8,1.6,18.03N,0.03,66.74W,0.01,h10km,1km, ML3.5/38,MD3.3/9(RSPR),Error ellipse: s-maj=6.0km s-min=2.4km az=169.0

ISC 16:21:21:08.1,1.0,17.99N,0.04,66.74W,0.02,h19km,2km, n35,+055/60,1C-4D, Puerto Rico region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GBPR, OBIP, CELP, UUPR, MLPR, AOPR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AOPR, CRPR, LSP, PRSN, EMPR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PRSN, ECPR, EMPR, SJG, AGPR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ECPR, EMPR, SJG, AGPR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SJG, AGPR, GPCR, IDE, HUMP.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HUMP, DR12, SABA, BANI.

NEIC 16:21:24:01.8,1.6,18.57S,0.08,169.1E,0.1,h21km,11km, mb4.3/7,Error ellipse: s-maj=16.7km s-min=11.7km az=106.0

IDC 16:21:24:02.8,2.5,18.65S,169.12E,h223km,22km, mb3.8/13,mbtmp4.3/14,Error ellipse: s-maj=18.7km s-min=13.1km az=71.0

NOU 16:21:24:03.4,18.61S,168.98E,h193km,MLV4.9/27, Vanuatu Islands

ISC 16:21:24:00.5,0.5,18.62S,169.05,169.21E,0.08,h201km,n59,+1948/59,mb4.1/15, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RTV, DVP, MARNC.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MARNC, SANVU, YATNC, PINNC, DZM, DZM, DZM, OUCEN, ONTNC, ONTNC, KOUNC, MSVF, DGTI, EIDS, EIDS.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EIDS, TW1H, HIZ, URZ, URZ.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CTA, AULRC, ORZ, MTSU, QLP, STKA.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WBO, WBO, BBOO, WBO, WRAB.

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

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR, MJAR, QSPA, PETK.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, SONM, ILAR, ILAR, SNA, SNA.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TXAR, YKA, ARCS, WATA, WTTA, MOTA, SFTA.

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

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VIE, ARCS, WATA, WTTA, MOTA, SFTA.

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KRUC, MODS, MODS, OSTC, OSTC, CHVC, CHVC, KSP, KSP, ZST, ZST, KECS, KECS, TREC, TREC, PSZ, PSZ, CONA, CONA, CONA.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CONA, RONA, RONA, RONA, PRU, PRU, PVCC, PVCC, ZVC, ZVC, CKRC, CKRC, BRG, BRG, BRG.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARSA, ARSA, ARSA, KHC, KHC, HSKC, HSKC, MOA, MOA, MOA.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MORH, MORH, CLL, CLL, BIAO, BIAO, NKC, NKC, SIRR, SIRR, DRGR, DRGR, MARR, MARR, BZS, BZS, BURAR, BURAR, GZR, GZR, MDVR, MDVR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIRR, DRGR, MARR, MARR, BZS, BZS, BURAR, BURAR, GZR, GZR, MDVR, MDVR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIRR, DRGR, MARR, MARR, BZS, BZS, BURAR, BURAR, GZR, GZR, MDVR, MDVR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIRR, DRGR, MARR, MARR, BZS, BZS, BURAR, BURAR, GZR, GZR, MDVR, MDVR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIRR, DRGR, MARR, MARR, BZS, BZS, BURAR, BURAR, GZR, GZR, MDVR, MDVR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIRR, DRGR, MARR, MARR, BZS, BZS, BURAR, BURAR, GZR, GZR, MDVR, MDVR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIRR, DRGR, MARR, MARR, BZS, BZS, BURAR, BURAR, GZR, GZR, MDVR, MDVR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIRR, DRGR, MARR, MARR, BZS, BZS, BURAR, BURAR, GZR, GZR, MDVR, MDVR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIRR, DRGR, MARR, MARR, BZS, BZS, BURAR, BURAR, GZR, GZR, MDVR, MDVR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIRR, DRGR, MARR, MARR, BZS, BZS, BURAR, BURAR, GZR, GZR, MDVR, MDVR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIRR, DRGR, MARR, MARR, BZS, BZS, BURAR, BURAR, GZR, GZR, MDVR, MDVR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIRR, DRGR, MARR, MARR, BZS, BZS, BURAR, BURAR, GZR, GZR, MDVR, MDVR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIRR, DRGR, MARR, MARR, BZS, BZS, BURAR, BURAR, GZR, GZR, MDVR, MDVR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIRR, DRGR, MARR, MARR, BZS, BZS, BURAR, BURAR, GZR, GZR, MDVR, MDVR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIRR, DRGR, MARR, MARR, BZS, BZS, BURAR, BURAR, GZR, GZR, MDVR, MDVR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIRR, DRGR, MARR, MARR, BZS, BZS, BURAR, BURAR, GZR, GZR, MDVR, MDVR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIRR, DRGR, MARR, MARR, BZS, BZS, BURAR, BURAR, GZR, GZR, MDVR, MDVR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIRR, DRGR, MARR, MARR, BZS, BZS, BURAR, BURAR, GZR, GZR, MDVR, MDVR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIRR, DRGR, MARR, MARR, BZS, BZS, BURAR, BURAR, GZR, GZR, MDVR, MDVR.

SDD 16:21:30:47.5,1.7,17.78N,71.59W,h31km,347km,MD2.9, ML2.1, Presumed earthquake

OSPL 16:21:30:53.2,2.5,18.23N,71.44W,h27km,20km,ML1.7, Presumed earthquake

ISC 16:21:50:51.9,1.2,18.17N,0.04,71.59W,0.06,h16km,8km, n10,+057/15,1C-1D, Dominican Republic region

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LODU1, LODU1, PODR, PODR, PODR, PODR, PODR, PODR, PODR, PODR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LODU1, LODU1, PODR, PODR, PODR, PODR, PODR, PODR, PODR, PODR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LODU1, LODU1, PODR, PODR, PODR, PODR, PODR, PODR, PODR, PODR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LODU1, LODU1, PODR, PODR, PODR, PODR, PODR, PODR, PODR, PODR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LODU1, LODU1, PODR, PODR, PODR, PODR, PODR, PODR, PODR, PODR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LODU1, LODU1, PODR, PODR, PODR, PODR, PODR, PODR, PODR, PODR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LODU1, LODU1, PODR, PODR, PODR, PODR, PODR, PODR, PODR, PODR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LODU1, LODU1, PODR, PODR, PODR, PODR, PODR, PODR, PODR, PODR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LODU1, LODU1, PODR, PODR, PODR, PODR, PODR, PODR, PODR, PODR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LODU1, LODU1, PODR, PODR, PODR, PODR, PODR, PODR, PODR, PODR.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LODU1, LODU1, PODR, PODR, PODR, PODR, PODR, PODR, PODR, PODR.

PET	Petrovavlovsk	1.18 323	eP	Pn	21 51 19.3	-0.9
INSR	Institute	1.23 323	PN	Pn	21 51 20.2	-0.7
INSR	Institute	1.23 323	eP	Pn	21 51 20.3	-0.7
KRMV	Karymshinskiy	1.28 306	PN	Pn	21 51 20.7	-0.8
KRMV	Karymshinskiy	1.28 306	eP	Pn	21 51 20.7	-0.8
UGLR	Uglovaya	1.28 332	PN	Pn	21 51 21.3	-0.3
UGLR	Uglovaya	1.28 332	eP	Pn	21 51 21.4	-0.3
SDLR	Sedlovina	1.32 335	PN	Pn	21 51 21.6	-0.6
SDLR	Sedlovina	1.32 335	eP	Pn	21 51 21.7	-0.6
SMAR	Somma	1.33 332	PN	Pn	21 51 21.8	-0.7
SMAR	Somma	1.33 332	eP	Pn	21 51 21.9	-0.7
AVH	Avacha	1.35 331	PN	Pn	21 51 22.5	-0.1
AVH	Avacha	1.35 331	eP	Pn	21 51 22.5	-0.1
KRER	Koryakskii	1.39 332	PN	Pn	21 51 23.0	-0.1
KRER	Koryakskii	1.39 332	eP	Pn	21 51 23.1	-0.1
KOK	Koryaka	1.41 330	PN	Pn	21 51 23.3	-0.1
KOK	Koryaka	1.41 330	eP	Pn	21 51 23.3	-0.1
KRX	Arik	1.46 331	PN	Pn	21 51 23.8	-0.4
KRX	Arik	1.46 331	eP	Pn	21 51 23.8	-0.4
PEA0B	Petrovavlovsk-	1.65 309	P	Pn	21 51 26.4	+0.3
PEA0B	Petrovavlovsk-	1.65 309	eP	Pn	21 51 27.0	+0.3
PETK	Petrovavlovsk-	1.65 309	P	Pn	21 51 27.1	+0.4
PETK	Petrovavlovsk-	1.65 309	eP	Pn	21 51 27.1	+0.4
PETK	comp=N,2jm,0.5s,baz=108,slow=21,SNR=1073		S	Sn	21 51 48.8	+2.1
PETK	comp=N,196nm,0.4s,baz=65,slow=33,SNR=6.2		LR	LR	21 52 19.0	
PETK	comp=N,3jm,18.5s,baz=60,slow=52		LR	LR	21 51 26.3	-0.4
APC	Apacha	1.83 298	PN	Pn	21 51 29.8	+0.7
APC	Apacha	1.83 298	eP	Pn	21 51 29.8	+0.7
KII	Karymskiy	1.97 353	PN	Pn	21 51 31.8	+0.8
KII	Karymskiy	1.97 353	eP	Pn	21 51 31.9	+0.8
PAU	Pauzhetka	1.97 253	PN	Pn	21 51 33.0	-0.1
PAU	Pauzhetka	1.97 253	eP	Pn	21 51 33.0	-0.1
GNL	Ganally	1.98 325	PN	Pn	21 51 33.4	+2.3
GNL	Ganally	1.98 325	eP	Pn	21 51 33.5	+2.3
SKR	Severo-Kuril's	2.72 240	eP	Sn	21 51 40.7	-0.5
SKR	Severo-Kuril's	2.72 240	eS	Sn	21 52 15.2	+2.4
SKR	comp=Z,351nm,0.6s		smax	smax		
SKR	comp=E,3jm,0.6s		smax	smax		
SKR	comp=N,3jm,0.6s		MLR	MLR		
SKR	comp=Z,2jm,13.0s		P	Pn	21 51 40.9	-0.3
SKR	Severo-Kuril's	2.72 240	eP	Pn	21 51 40.8	-0.5
SKR	Severo-Kuril's	2.72 240	eS	Pn	21 51 40.8	-0.5
SKR	Severo-Kuril's	2.72 240	eP	Pn	21 51 50.5	+3.4
SKR	Severo-Kuril's	2.72 240	eS	Pn	21 51 50.5	+3.4
SKR	Severo-Kuril's	2.72 240	eP	Pn	21 51 57.2	+2.6
SKR	Severo-Kuril's	2.72 240	eS	Pn	21 51 57.2	+2.6
SKR	Severo-Kuril's	2.72 240	eP	Pn	21 51 58.4	+1.4
SKR	Severo-Kuril's	2.72 240	eS	Pn	21 51 58.4	+1.4
SKR	Severo-Kuril's	2.72 240	eP	Pn	21 52 00.9	+3.2
SKR	Severo-Kuril's	2.72 240	eS	Pn	21 52 00.9	+3.2
SKR	Severo-Kuril's	2.72 240	eP	Pn	21 53 04.2	+0.3
SKR	Severo-Kuril's	2.72 240	eS	Pn	21 53 04.2	+0.3
SHEM	Shemya Is, Ala	8.75 80	P	Sn	21 54 34.4	-6.7
SHEM	Shemya Is, Ala	8.75 80	eP	Sn	21 54 34.4	-6.7
SHEM	comp=Z,42nm,0.5s,baz=259,slow=17,SNR=8.8		LR	LR	21 56 29.3	
SHEM	comp=Z,208nm,20.6s,baz=279,slow=36		LR	LR	21 53 04.3	+0.4
SHEM	Shemya Is, Ala	8.75 80	P	Pn	21 53 04.4	+0.4
SHEM	Shemya Is, Ala	8.75 80	eP	Pn	21 53 04.4	+0.4
SHEM	Shemya Is, Ala	8.75 80	PN	Pn	21 53 04.4	+0.4
SHEM	Shemya Is, Ala	8.75 80	eP	Pn	21 53 09.3	-4.3
MA2	Magadan	9.06 329	P	LR	21 57 15.3	
MA2	Magadan	9.06 329	eP	LR	21 57 15.3	
MA2	comp=Z,401nm,19.2s,baz=154,slow=42		LR	LR	21 53 35.8	+0.4
MA2	Tymovskoe	10.78 270	eP	Sn	21 53 38.4	+7.5
MA2	Tymovskoe	10.78 270	eS	Sn	21 53 38.4	+7.5
TYV	TYV		pmax	pmax		
TYV	comp=Z,6.0nm,0.7s		pmax	pmax		
TYV	comp=Z,100nm,4.0s		smax	smax		
TYV	comp=N,200nm,3.2s		smax	smax		
TYV	comp=E,300nm,3.2s		smax	smax		
TYV	comp=N,300nm,14.0s		MLR	MLR		
TYV	comp=E,500nm,15.0s		MLR	MLR		
TYV	comp=N,300nm,14.0s		MLR	MLR		
TYV	comp=E,500nm,15.0s		MLR	MLR		
JKA	Kamikawa-asahi	13.98 242	Pn	Pn	21 54 14.9	-0.4
ASAJ	Asahikawa	13.98 242	P	Pn	21 54 15.8	+0.3
ASAJ	Asahikawa	13.98 242	eP	Pn	21 54 15.8	+0.3
ASAJ	comp=Z,7.3nm,0.5s,baz=31,slow=6.7,SNR=6.0		P	Pn	21 54 30.5	+0.7
GRNR	Gorny	14.65 274	eP	MLR	21 54 30.5	+0.7
GRNR	Gorny	14.65 274	eS	MLR	21 54 30.5	+0.7
GRNR	comp=E,250nm,16.0s		MLR	MLR		
GRNR	comp=N,220nm,16.0s		MLR	MLR		
GRNR	comp=Z,260nm,16.0s		MLR	MLR		
ERM	Erimo	15.15 235	P	Pn	21 54 28.1	-2.8
ERM	Erimo	15.15 235	eP	IAMB	21 54 34.7	
ERM	Erimo	15.15 235	iP	Pn	21 54 29.2	-1.7
BILL	Bilibino	16.31 9	Pn	Pn	21 54 46.3	-1.8
BILL	Bilibino	16.31 9	iP	P	21 54 47.0	-1.1
YAK	Yakutsk	19.00 313	eP	P	21 55 16.0	-1.7
YAK	Yakutsk	19.00 313	eS	LR	22 03 24.1	
YAK	comp=Z,233nm,0.8s,baz=120,slow=14,SNR=10		LR	LR	22 03 24.1	
YAK	comp=Z,101nm,18.3s,baz=96,slow=39		P	Sn	21 55 15.1	-2.6
YAK	Yakutsk	19.00 313	eP	Sn	21 55 46.6	-3.6
YAK	Yakutsk	19.00 313	eS	Sn	21 55 46.6	-3.6
YAK	comp=Z,26nm,1.0s		pmax	pmax		
YAK	comp=E,6.0nm,1.3s		pmax	pmax		
YAK	comp=N,4.0nm,1.4s		smax	smax		
YAK	comp=E,84nm,4.0s		smax	smax		
ZEZ	Zeya	19.62 288	eP	P	21 55 23.6	-1.0
USRK	Ussuriysk Ar.	20.09 258	P	P	21 55 29.1	-0.7
UNV	Unalaska Valle	20.25 72	P	P	21 55 31.6	+0.3
HEH	Heihe	20.32 278	eP	P	21 55 31.6	+0.6
HEH	Heihe	20.32 278	eS	pmax	pmax	
HEH	comp=Z,11nm,0.6s		LR	LR		
HEH	comp=N,240nm,13.6s		LR	LR		
HEH	comp=E,260nm,15.2s		LR	LR		
LVA	Lava Point	20.48 71	P	P	21 55 35.0	-1.4
JSD	Sado	20.61 236	P	P	21 55 35.0	-0.4
JSD	Sado	20.61 236	eP	IAMB	21 55 37.1	
JSD	comp=Z,26nm,1.0s		pmax	pmax		
ANM	Nome	21.79 42	P	P	21 55 49.5	+1.6
ANM	Nome	21.79 42	eP	P	21 55 49.5	+1.6
ANM	Nome	21.79 42	eS	pmax	pmax	
MJAR	Matsushiro Arr	21.80 233	P	P	21 55 48.1	-0.2
MJAR	Matsushiro Arr	21.80 233	eP	LR	22 04 29.1	
MJAR	comp=Z,17nm,0.8s,baz=25,slow=10,SNR=41		LR	LR	22 04 29.1	
MJAR	comp=Z,143nm,21.5s,baz=40,slow=37		LR	LR	21 55 48.8	+0.5
MJAR	Matsushiro Arr	21.80 233	eP	IAMB	21 55 52.2	
MJAR	Matsushiro Arr	21.80 233	eS	IAMB	21 55 52.2	
MJAR	Matsushiro Arr	21.80 233	P	P	21 55 48.8	+0.5
MJAR	Matsushiro Arr	21.80 233	eP	pmax	pmax	
MJB9	Matsu-Tunnel	21.80 233	P	P	21 55 49.3	+1.1
MJB9	Matsu-Tunnel	21.80 233	eP	IAMB	21 55 52.1	
MAJO	Matsushiro	21.80 233	P	P	21 55 48.8	+0.6
MAJO	Matsushiro	21.80 233	eP	IAMB	21 55 52.1	
MAJO	Matsushiro	21.80 233	iP	P	21 55 49.2	+0.9

J14K	Nanvaranak Lak	22.09 47	P	P	21 55 52.0	+0.9
J14K	Nanvaranak Lak	22.09 47	eP	IAMB	21 56 21.1	
BNX	BinXian	22.11 266	iP	pmax	21 55 50.8	-0.6
BNX	BinXian	22.11 266	eP	pmax	21 55 50.8	-0.6
F15K	North Star Dit	22.45 39	P	P	21 55 56.2	+1.2
F15K	North Star Dit	22.45 39	eP	IAMB	21 56 25.8	
N14K	Kuskokwak Cree	22.62 55	P	P	21 55 57.4	+0.6
N14K	Kuskokwak Cree	22.62 55	eP	IAMB	21 56 36.8	
JGF	Kuroka	22.96 233	P	P	21 56 01.0	+0.3
JGF	Kuroka	22.96 233	eP	IAMB	21 56 02.5	
C16K	Lisburne Hills	23.23 33	P	P	21 56 03.4	+0.4
INU	Inuyama	23.33 233	P	P	21 56 05.0	+0.7
INU	Inuyama	23.33 233	eP	IAMB	21 56 11.0	
N15K	Kwethluk River	23.43 54	P	P	21 56 06.9	+1.9
N15K	Kwethluk River	23.43 54	eP	IAMB	21 56 11.1	
TIXI	Tiksi	23.93 336	LR	LR	22 06 32.0	
TIXI	Tiksi	23.93 336	eP	LR	22 06 32.0	
TIXI	Tiksi	23.93 336	eS	pmax	pmax	
RDOG	Red Dog Mine	23.96 34	P	P	21 56 10.3	+0.3
CN2	Changchun	24.29 264	eP	S	21 56 11.4	-1.7
CN2	Changchun	24.29 264	eS	S	22 00 30.6	+1.8
CN2	comp=Z,10.0nm,1.1s		pmax	pmax		
CN2	comp=Z,100nm,3.0s		LR	LR		
CN2	comp=N,200nm,11.0s		LR	LR		
CN2	comp=E,300nm,11.0s		LR	LR		
C18K	Utukok River	24.78 33	P	P	21 56 18.4	+0.9
C18K	Utukok River	24.78 33	eP	IAMB	21 56 19.9	
L18K	Granite Mounta	25.18 49	P	P	21 56 21.9	+0.9
HILR	Hailar Array B	25.22 280	P	P	21 56 19.8	-1.8
HILR	Hailar Array B	25.22 280	eP	LR	22 07 23.7	
HILR	comp=Z,220nm,18.3s,baz=50,slow=39		LR	LR	22 07 23.7	
HILR	comp=Z,3.9nm,0.3s,baz=78,slow=10,SNR=23		LR	LR	22 07 23.7	
J18K	Innoko River	25.28 46	P	P	21 56 23.3	+1.4
J18K	Innoko River	25.28 46	eP	IAMB	21 56 49.1	
HIA	Hailar	25.33 280	P	P	21 56 21.2	-1.4
HIA	Hailar	25.33 280	eP	pmax	pmax	
HIA	Hailar	25.33 280	eS	pmax	pmax	
F19K	Shaluerukit Mo	25.45 38	P	P	21 56 24.3	+0.9
C19K	Roundabout Mou	25.49 33	P	P	21 56 25.1	+1.3
C19K	Roundabout Mou	25.49 33	eP	IAMB	21 56 51.5	
N18K	Kilae Creek	25.52 53	P	P	21 56 26.0	+1.8
G19K	Purcell Mounta	25.55 40	P	P	21 56 25.0	+0.6
D19K	Roundabout Mou	25.69 42	P	P	21 56 27.9	+2.3
D19K	Roundabout Mou	25.69 42	eP	IAMB	21 56 27.1	+0.6
D19K	Roundabout Mou	25.69 42	eS	IAMB	21 56 45.2	
O19K	Redstone River	25.81 37	P	P	21 56 28.6	+1.8
O19K	Redstone River	25.81 37	eP	P	21 56 28.2	+0.7
O19K	Redstone River	25.81 37	eS	IAMB	21 56 42.5	
P18K	Big Mountain,	25.90 56	P	P	21 56 28.9	+1.3
P18K	Big Mountain,	25.90 56	eP	IAMB	21 56 40.7	
JMN	Monobe	26.19 236	P	P	21 56 31.1	+0.6
JMN	Monobe	26.19 236	eP	IAMB	21 56 38.1	
F20K	Avarak Lake	26.28 38	P	P	21 56 31.4	+0.5
D20K	Etivluk River	26.38 34	P	P	21 56 32.3	+0.4
J20K	Novinta River	26.48 45	P	P	21 56 33.5	+0.7
B20K	Meade River	26.61 32	P	P	21 56 34.7	+0.9
B20K	Meade River	26.61 32	eP	IAMB	21 56 40.9	
KSR5	Korea Array	26.70 249	P	P	21 56 34.8	-0.2
KSR5	Korea Array	26.70 249	eP			

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CRPR Cabo Rojo, PR, Las Mesas, Obispo Ponce, etc.

SJA 16 22:42:55.6 0.6 20.84S:67.43W, h220km, ML3.5, MW3.4
SCB 16 22:42:57.2 1.2 20.98S:67.35W, h185km, CA1, ML3.2,3
Error ellipse: s-maj=7.7km s-min=5.7km az=1.0
GUC 16 22:42:58.0 0.7 20.81S:67.65W, h221km, e2km, ML3.7
IDC 16 22:42:59.4 4.7, 19.71S:69.86W, h337km, d2km, mb3.0/2,
mbmp3.5/3, Error ellipse: s-maj=277.8km s-min=28.8km
az=115.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IAML, PATCX, GBRP, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PATCX Punta Patache, TA01 Diego Aracena, etc.

RSRP 16 22:44:35.0 1.7 87N:66.79W, h7km, MD3.0/4
NEIC 16 22:44:34.5 1.0, 17.85N:0.04:66.78W, 0.01, h10km, 1km,
ML2/7/34, MD3.0/4(RSPK), 9C-1D, Error ellipse:
s-maj=7.4km s-min=2.8km az=8.0, Puerto Rico region

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HATJ Hateruma jima, Yonaguni jima, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HGSD Ruisui, ECBN Changbin, etc.

MEX 16 22:50:10.3 0.5 16.16N:94.89W, h20km, 8km, MD4.3
NEIC 16 22:50:10.5 1.6 16.20N:0.04:94.90W, 0.04, h57km, 13km,
mb4.1/7, MD4.3/39(MEX), Error ellipse: s-maj=6.4km
s-min=4.4km az=141.0
CATAC 16 22:50:12.2 0.5, 16.1N:2.9'5W, h68km, 6km, M4.7/13,
mb4.8/3, mB5.9/3, MLv4.6/13, Mw(mB)5.5/3, Error ellipse:
s-maj=6.3km s-min=4.5km az=52.9, confirmed
ISC 16 22:50:10.3 0.8, 16.21N:0.03:94.89W, 0.02, h68km, 11km,
n87, c1978/154, Oaxaca

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

16d 23h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Huajuapán de L., Tehuacán, Huehuetenango, etc.

IDC 16 23:07:51.4; 18.0, 21.53S; 179.16W, h537km, m182km, mb3.1/5, mbtmp4.0/5, Error ellipse: s-maj=117.2km s-min=30.1km az=52.0

ISC 16 23:07:57.4; 1.3, 21.7S; 0.3x179.4W; 0.2, h600km, n12, c053/11, mb3.7/5, Fijii Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Stephens Creek, Alice Springs, Warramunga Arr, etc.

SOME 16 23:09:04.5; 42.27N; 84.30E, h5km, IDC 16 23:09:06.0; 3.9, 42.53N; 85.06E, h0km, mbtmp3.1/5, ML2.5/5, Error ellipse: s-maj=52.5km s-min=27.9km az=44.0

NNC 16 23:09:06.8; 1.2, 42.27N; 84.27E, h0km, mb4.0, mpv3.7, Error ellipse: s-maj=9.2km s-min=5.4km az=154.0

ISC 16 23:08:01.7; 1.7, 42.10N; 0.08x84.37E; 0.06, h10km, n44, c2520/59, 1C-6D, Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Ketmen, Kurbs, ZALV, etc.

2020 JAN

Main table with columns: DJR, UZB, KPKS, KNOS, SATY, BLB, KURS, KAPS, MK31, MKAR, MAKZ, TDK, ARXS, ARXS, ARXS, ZSN, ZSN, ZSN, KOTS, KOTS, MDOK, TNSX, TNSX, TNSX, MTBS, MTBS, KST, KST, KST, DGS, DGS, DGS, KRBS, KRBS, KRBS, BTLS, BTLS, BTLS, KURBB, KURBB, ZALV, BVAR, BVAR, SONM, etc.

OSPL 16 23:14:15.8; 1.6, 19.72N; 71.09W, h0km, 16km, ML1.7, Presumed earthquake

ISC 16 23:14:14.4; 0.9, 19.76N; 0.04x71.1W; 0.04, h17km, 7km, n13, c088/20, 11C, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Punta Rusia, Mao Valverde, Luperon, etc.

IDC 16 23:18:04.4; 3.6, 0.01N; 16.88W, h0km, mb3.8/3, mbtmp3.9/4, ML4.2/1, MS3.4/4, Error ellipse: s-maj=95.2km s-min=44.2km az=166.0, North of Ascension Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like H10N2, H10N3, H10N1, H10S3, H10S2, DBIC, TORO, etc.

NEIC 16 23:18:28.7; 9.2N; 66.82W, h13km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mrr0.11; Mss0.50; Mss-0.61; Mrr0.23; Mss1.68; Mrr0.61; Fault plane solution: Ms1.88000x10^14 NP1.8; 8.00000; 8.00000; 1.160.00000; NP2.8; 100.00000; 8.70.00000; 1.5.00000; Principal axes: T 1.8878, P17.0000; Azm322.0000; N 0.0004; P169.0000; Azm176.0000; P 1.8882, P171.0000; Azm56.0000;

RSPR 16 23:18:28.9; 17.98N; 66.84W, h12km, MD2.9/3, NEIC 16 23:18:28.9; 1.0, 17.92N; 0.03x66.82W; 0.1, h10km, 1km, ML3.4/34, ML3.1/3(RSPR), Mwr3.5/16(SLM), Error ellipse: s-maj=4.8km s-min=2.3km az=354.0

SDD 16 23:18:29.2; 1.5, 17.97N; 66.86W, h12km, 14km, MD3.6, ML3.1, MW3.4, Presumed earthquake

ISC 16 23:18:27.6; 0.9, 17.92N; 0.05x66.82W; 0.02, h17km, 5km, n36, c057/55, 13C-7D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Guanica, Magueyes Islan, Magueyes Islan, etc.

SDD 16 23:14:14.7; 2.2, 19.81N; 71.12W, h20km, 13km, MD3.1, ML2.1, MW2.6, Presumed earthquake

17d 1h

Table with columns: Code, Station Name, Azimuth, Phase, Op, ISC, Time, Res. Includes stations like Puerto Rico Se, Utuado, UPR, P, Arecibo Observ, etc.

RSPR 17 00:38:10.6, 17.85N, 66.84W, h6km, MD2.15
NEIC 17 00:38:10.1±0.6, 17.81N, 0.04±66.83W, 0.01, h10km±2km,
ML2.5/36, MD2.2/5(RSPN), 4C-4D, Error ellipse:
s-maj=6.2km s-min=3.0km az=4.0, Puerto Rico region

Main table for Puerto Rico region with columns: Code, Station Name, Azimuth, Phase, Op, ISC, Time, Res. Includes stations like Guanica, Bosqu, Maguayes Islan, etc.

IDC 17 00:41:14.4±3.5, 17.83S, 178.76W, h583km, 38km, mb3.2/7,
mbmp4.1/7, Error ellipse: s-maj=29.1km s-min=15.4km
az=155.0

ISC 17 00:41:10.3±0.8, 17.3C-4D, Fijj Islands region
±0.72/31, mb3.5/7, 3C-4D, Fijj Islands region

Table for Fijj Islands region with columns: Code, Station Name, Azimuth, Phase, Op, ISC, Time, Res. Includes stations like Warramunga Arr, Patillas Dam, etc.

2020 JAN

Table with columns: Code, Station Name, Azimuth, Phase, Op, ISC, Time, Res. Includes stations like Pinedale Array, MKAR, BVAR, etc.

NEIC 17 00:48:05.0±0.9, 17.69N, 0.03±66.85W, 0.02, h10km±1km,
ML3.3/36, MD3.2/9(RSPR), Error ellipse: s-maj=4.9km
s-min=2.9km az=5.0

SDD 17 00:48:06.2±0.9, 17.69N, 66.92W, h21km, 8km, MD3.5,
ML3.0, MW3.5, Presumed earthquake

RSPR 17 00:48:07.0, 17.78N, 66.87W, h7km, MD3.2/9
ISC 17 00:48:02.8±1.6, 17.60N, 0.07±66.96W, 0.03, h2km±10km,
n43, c099/69, 11C-10D, Puerto Rico region

Main table for Puerto Rico region with columns: Code, Station Name, Azimuth, Phase, Op, ISC, Time, Res. Includes stations like Maguayes Islan, Guanica, Bosqu, etc.

n167, c0979/304, Taiwan region 1118

Table with columns: Code, Station Name, Azimuth, Phase, Op, ISC, Time, Res. Includes stations like Yonagunijimaku, EIOS2, YON, etc.

Table with columns: Code, Station Name, Δ°, AZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for Cerrillos, Magueyes Islan, Utuado, UPR, P, Cabo Rojo, PR, etc.

VIE 17 01:47:15.4-0.4, 49.90N:18.58E, h0km, mb2.5/6, m2.6/7, Error ellipse: s-maj=3.4km s-min=2.4km az=61.0 24 km ENE of Ostrava Suspected Mining induced.

ISC 17 01:47:15.5-0.8, 49.86N:0.03S:18.54E:0.02, h0km, n38, c0581/65, 1C-3D, Czech and Slovak Republics

Table with columns: Code, Station Name, Δ°, AZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for OKC Ostrava-Krasne, STEB Steborice, MORC Moravsky Berou, MAUC Maruska, ANAC Anensky vrch, etc.

Table with columns: Code, Station Name, Δ°, AZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for CKRC Cesky Krumlov, BRG Berggiesshubel, ARSA Arzberg, etc.

RSPR 17 01:58:33.9, 17.89N:66.84W, h10km, MD2.4/13 NEIC 17 01:58:33.6-1.2, 17.87N:0.03S:66.847W:0.009, h10km±1km, ML2.6/3.4, MD2.4/13(RSPR), 2C-8D, Error ellipse: s-maj=5.8km s-min=2.3km az=4.0, Puerto Rico region

Table with columns: Code, Station Name, Δ°, AZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for GBPR Guanica, Bosqu, MLPR Magueyes Islan, CRPR Cabo Rojo, PR, etc.

MEX 17 02:07:17.8-0.4, 16.49N:95.10W, h2km-2km, MD5.3 IDC 17 02:07:17.7-0.5, 16.52N:95.15W, h0km, mb4.7/26, mbtmp4.7/28, ML3.8/2, MS4.6/65, Error ellipse: s-maj=13.4km s-min=7.9km az=96.0

CATAC 17 02:07:20.1-0.7, 17.1N:95.95W, h1km, M5.8/11, mb5.7/3, mb5.9/3, MLV5.9/11, Mw(mb)5.5/3, Mw(Mwp)5.0/2, Mwps.3/2, Error ellipse: s-maj=11.6km s-min=4.8km az=68.8

Table with columns: Code, Station Name, Δ°, AZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for ECPR Experimental S, AGPR Aguadilla, PR, AGPR Aguadilla, PR, etc.

Table with columns: Code, Station Name, Δ°, AZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for CMIG 9um, 0.3s, baz=302, slow=18, SNR=87, CMIG Matias Romero, etc.

comp=E, 54um, 0.6s CMIG Arroyo Zacate 1.37 328 Pn 02 07 43.0 -2.0

Table with columns: Code, Station Name, Δ°, AZ, Phase ID, ISC, Time, Res, h, m, s, ISC. Includes entries for NEUV Tuzandepetl, TUIG Tuzandepetl, OXLC Oaxaca, etc.

PBXN	Popocatepetl	4.22 306f	eP	Pn	02 08 24.0	-0.7	ARIG	Puente Sto Nin	5.35 290f	eP	Pn	02 08 38.2	-1.6	LPIG	La Paz	16.16 300	Pn	P	02 11 09.3	-0.7
PBXN	Popocatepetl	4.23 307f	eS	Sn	02 09 11.1	-2.4	ARIG	Las Nubes	5.72 117	P	S	02 09 37.7	-2.9	LPIG	La Paz	16.16 300	LR	LR	02 16 14.1	
PPM	Popocatepetl	4.23 307	eS	Pn	02 09 12.2	-1.6	NUBU	Llano Grande	5.81 328	P	S	02 09 54.0	+0.3	LPIG	La Paz	16.16 300	Pn	Pn	02 11 08.3	+1.3
PPIG	Popocatepetl	4.23 307	eS	Pn	02 09 25.9	+1.0	CTUV	Llano Grande	5.81 328f	eS	Pn	02 09 43.8	-2.3	LPIG	La Paz	16.16 300f	eS	Pn	02 14 03.5	-2.1
CXUV	Coxquihui	4.34 327	Pn	Pn	02 08 24.0	-1.9	CTUV	Llano Grande	5.81 328f	eS	Pn	02 08 43.8	-2.3	LPIG	La Paz	16.16 300f	eS	Pn	02 14 03.5	+1.3
CXUV	Coxquihui	4.34 327f	eP	Pn	02 09 12.6	-3.3	CTUV	Llano Grande	5.81 328f	eS	Pn	02 09 52.6	+0.5	LPIG	La Paz	16.16 300f	eS	Pn	02 14 03.5	-2.1
CXUV	Coxquihui	4.34 327f	eS	Pn	02 08 24.0	-1.9	ZAFR2	Estanzuela, Za	5.83 109	eP	Pn	02 08 41.2	-5.1	TPB05	Hovey Rd	16.18 334	IAMB	IAMB	02 11 14.2	
AMVM	AMECAMECA	4.39 306	eS	Pn	02 09 12.6	-3.3	ESQI	Estanzuela, Za	5.83 109	eP	Pn	02 08 47.5	+0.8	BRAL	Brewton	16.28 235	IAMB	IAMB	02 11 16.3	
AMVM	AMECAMECA	4.39 306f	eP	Pn	02 08 28.8	+1.9	MT03	Montecristo	5.88 111	P	P	02 08 46.3	-1.0	TPB01	Permian Basin	16.40 332	IAMB	IAMB	02 11 16.8	
AMVM	AMECAMECA	4.39 306f	eS	Pn	02 08 28.8	+1.9	PET2	Petatlan	6.03 280	eP	Pn	02 08 49.0	-0.1	PLPT	Palo Pinto	16.46 350	IAMB	IAMB	02 11 16.9	
SCIG	Sabancuy	4.39 56	Pn	Pn	02 09 14.8	-2.7	PET2	Petatlan	6.03 280	eP	Pn	02 09 53.2	-4.2	FW06	Azle	16.51 353	IAMB	IAMB	02 11 15.5	
SCIG	Sabancuy	4.39 56f	eS	Pn	02 08 26.3	-0.4	PET2	Petatlan	6.03 280	eP	Pn	02 09 53.2	-4.2	229A	Bryant Ranch	16.54 339	IAMB	IAMB	02 11 18.4	
SCIG	Sabancuy	4.39 56f	eS	Pn	02 09 16.3	-0.8	JAYA	Jayaque - finc	6.12 117	f	S	02 09 56.8	-3.2	ABTX	Abilene, Hawle	16.54 346	IAMB	IAMB	02 11 17.5	
DAIG	Los Arroyos	4.44 277f	eP	Pn	02 08 26.6	-0.1	ZIIG	Zihuatanejo	6.23 281	Pn	Pn	02 08 50.5	-1.3	553A	Crawfordville	16.70 34	IAMB	IAMB	02 11 20.3	
DAIG	Los Arroyos	4.44 277f	eP	Pn	02 09 13.9	-4.2	ZIIG	Zihuatanejo	6.23 281f	eP	Pn	02 10 00.2	-2.2	Z41A	Richland Creek	16.76 7	IAMB	IAMB	02 11 18.6	
YAIG	Yautepac	4.47 302	eS	Pn	02 08 25.2	-2.0	SAIH	Santa Rosa de	6.30 105	eP	Pn	02 08 52.3	-2.3	TPB06	Permian Basin	16.77 335	IAMB	IAMB	02 11 19.8	
YAIG	Yautepac	4.47 302f	eS	Pn	02 09 13.9	-4.2	ACAM	Acambaro	6.41 304	eS	Pn	02 10 04.0	-3.1	MTDJ	Mount Denham	16.80 82	eP	P	02 11 24.4	+7.1
YAIG	Yautepac	4.47 302f	eS	Pn	02 08 28.0	+0.2	ACAM	Acambaro	6.41 304	eS	Pn	02 10 04.0	-3.1	Z35A	Perchaven, San	16.83 354	IAMB	IAMB	02 11 19.0	
MEIG	Mezcala	4.58 288	eP	Pn	02 09 16.1	-3.1	ACAM	Acambaro	6.41 304	eS	Pn	02 10 04.0	-3.1	VHRN	Van Horn	16.83 329	IAMB	IAMB	02 11 22.0	
MEIG	Mezcala	4.58 288f	eP	Pn	02 08 29.2	-1.1	JRQC	Juriquilla Cam	6.58 310	eP	Pn	02 10 06.5	-4.4	ODSA	Odessa	16.93 338	IAMB	IAMB	02 11 21.9	
MEIG	Mezcala	4.58 288f	eP	Pn	02 08 28.2	-1.1	JRQC	Juriquilla Cam	6.58 310	eP	Pn	02 10 06.5	-4.4	CCCC	Cccc	16.99 72	eP	P	02 11 21.6	+2.3
AVCB	Coban	4.59 103	IAML	Pn	02 09 17.9	-3.9	JRQC	Juriquilla Cam	6.58 310f	eP	Pn	02 10 06.5	-4.4	DWPF	Disney Wildern	17.04 45	eP	P	02 11 13.9	-4.2
ESSG	Sabana Grande	4.60 117	eP	Pn	02 09 52.0		MOIG	Morelia	6.62 299	eS	Pn	02 10 06.9	-4.4	DWPF	Disney Wildern	17.04 45	IAMB	IAMB	02 11 24.8	
MPVM	San Francisco	4.61 306	eP	Pn	02 08 30.2	+0.7	MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	060A	Indiantown	17.15 50	IAMB	IAMB	02 11 26.4	
MPVM	San Francisco	4.61 306f	eP	Pn	02 09 19.5	-3.2	MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	WLAR	White Oak Lake	17.16 5	IAMB	IAMB	02 11 28.0	
MPVM	San Francisco	4.61 306f	eS	Pn	02 09 19.5	-3.2	MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	129A	Stewart Farms,	17.16 340	IAMB	IAMB	02 11 24.1	
PLIG	Platanillo	4.63 294	eP	Pn	02 08 29.2	-1.1	MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	656A	Williston	17.17 40	IAMB	IAMB	02 11 27.2	
PLIG	Platanillo	4.63 294	eP	Pn	02 08 30.4	+0.5	MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	SN07	Snyder 07	17.30 343	IAMB	IAMB	02 11 25.3	
PLIG	Platanillo	4.63 294	eP	Pn	02 09 19.5	-3.6	MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	APMT	Aspermont	17.32 346	IAMB	IAMB	02 11 28.0	
THVM	De Xico	4.64 307	eP	Pn	02 08 30.2	+0.1	MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	TPB11	China Drew	17.36 334	IAMB	IAMB	02 11 27.5	
THVM	De Xico	4.64 307f	eP	Pn	02 09 21.1	-2.4	MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	128A	Castleberry Fa	17.36 339	IAMB	IAMB	02 11 26.6	
THVM	De Xico	4.64 307f	eP	Pn	02 09 21.1	-2.4	MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	POST	Post	17.45 342	IAMB	IAMB	02 11 27.1	
AC2P	Acapulco	4.65 275	eP	Pn	02 08 30.2	+0.1	MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	LMGC	Las Mercedes	17.48 76	eP	P	02 11 24.6	-0.1
AC2P	Acapulco	4.65 275	eP	Pn	02 09 11.1	-2.2	MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	352A	Blakely	17.49 30	eP	P	02 11 30.9	
AC2P	Acapulco	4.65 275	eS	Pn	02 09 21.3	-2.2	MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	DKNS	Dickens	17.85 344	IAMB	IAMB	02 11 31.4	
APG	El Apazote	4.67 109	Pn	Pn	02 08 31.1	+0.5	MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	W35A	Tecumseh	18.60 355	IAMB	IAMB	02 11 44.2	
APG	El Apazote	4.67 109	Pn	Pn	02 09 26.3	+2.0	MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	MSTX	Mushoche	18.69 340	IAMB	IAMB	02 11 49.4	
APG	El Apazote	4.67 109	Pn	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	RCC	Rio Carpintero	18.76 67	eP	Pn	02 11 38.8	+0.3
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	SMWD	Samnorwood	19.06 347	IAMB	IAMB	02 11 55.3	
APG	El Apazote	4.67 109	eP	Pn	02 09 26.3	+2.0	MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	SRIG	Santa Rosalia	19.20 307	P	P	02 11 43.1	-0.5
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	AMTX	Amarillo	19.20 343	P	P	02 11 43.2	-0.4
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	AMTX	Amarillo	19.20 343	P	P	02 11 56.0	
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	X48A	Hartselle	19.22 20	IAMB	IAMB	02 11 49.5	
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	GTBY	Guantanamo Bay	19.23 77	P	P	02 11 47.9	+2.9
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	GTBY	Guantanamo Bay	19.23 77	P	P	02 11 44.3	+0.3
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	TUL3	Leon	19.30 358	IAMB	IAMB	02 11 52.2	
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	154A	Montrose	19.30 32	IAMB	IAMB	02 11 51.2	
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	HBAR	Harrisburg	19.33 11	IAMB	IAMB	02 11 55.4	
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	QMBU	Qumbuelo	19.54 76	eP	Pn	02 11 51.7	+2.9
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	PH02	Texas Public H	19.75 343	IAMB	IAMB	02 11 54.3	
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	FPAL	Fort Payne	19.82 24	P	P	02 11 48.4	-1.9
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	U38A	Greavette	19.82 2	P	P	02 11 49.5	-0.9
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	U38A	Greavette	19.82 2	P	P	02 12 04.2	
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	ELIS	Ellis County	19.82 350	IAMB	IAMB	02 11 54.2	
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	Y52A	Lilburn	19.88 28	P	P	02 11 50.2	-0.8
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	Y52A	Lilburn	19.88 28	P	P	02 11 53.5	
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	APAC	Apartado, Choc	19.97 113	P	Pn	02 11 59.8	+5.8
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	OK03B	West end E0370	20.12 351	IAMB	IAMB	02 12 09.9	
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	SWET	Sewanee	20.30 22	IAMB	IAMB	02 12 05.9	
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	NOKA	Waynoka	20.30 351	IAMB	IAMB	02 12 04.8	
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	Y22A	Socorro	20.37 330	IAMB	IAMB	02 12 10.9	
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	SJCC	San Jacinto, C	20.43 106	P	P	02 11 55.7	-1.5
APG	El Apazote	4.67 109	eP	Pn	02 09 25.1		MOIG	Morelia	6.62 299f	eS	Pn	02 10 08.5	-3.8	W50A	Signal Mountai	20.51 23	IAMB	IAMB	02 12 02.4	

Table with columns: ID, Name, Comp, Az, El, Dist, Dir, Az, El, Dist, Dir, Az, El, Dist, Dir. Includes entries like R40A Maddies Statio, V53A Saluda, R32A Long Quarter, etc.

Table with columns: ID, Name, Comp, Az, El, Dist, Dir, Az, El, Dist, Dir, Az, El, Dist, Dir. Includes entries like O20A White River Ci, MTPU Mount Pierson, P17A Butcher Ranch, etc.

Table with columns: ID, Name, Comp, Az, El, Dist, Dir, Az, El, Dist, Dir, Az, El, Dist, Dir. Includes entries like SIV San Ignacio, PDRB Porto dos Gac, CLDB Pontes e Lacer, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like BCAR Beaver Creek A, L27K Beaver Creek, BMRM Bremner River, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like CUT Chulitna, MCK McKinley, MCK McKinley, POKR Poker Plat Res, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like LL01 San Ignacio de, O16K Kokwok River B, O16K Kokwok River B, etc.

Table with columns for station name, frequency, and other details. Includes stations like PEIG Puerto Escondi, TGIG Tuxtla Gutierrez, YOSONdua, etc.

Table with columns for station name, frequency, and other details. Includes stations like CAIG El Cayaco, AZVM Cuida Lopez Ma, ZUMV ZUMPANGO, etc.

Table with columns for station name, frequency, and other details. Includes stations like J08A Circle Bar Ran, PLID Pearl Lake, ULM Lac du Bonnet, etc.

Table with columns for station name, frequency, and other details. Includes stations like RSPR 17:02:14:36.5, NEIC 17:02:14:35:8.0, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Deep Springs, Mina Array Sit, Danby, Needles, etc.

CATAC 17:02:42.28±0.4, 12°N, 3°8'W, h38km, 5km, M3.8/26, MLV3.8/26, Error ellipse: s-maj=7.7km s-min=2.8km

SNET 17:02:42.29±1.0, 12°6'3N, 87°72'W, h73km, 32km, M3.5, Presumed earthquake

ISC 17:02:42.28±1.5, 12.48N, 0.07-87.70W, 0.04, h67km±13km, n47, c0539/69, 3C-13D, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Cosiguina Volc, San Cristobal, Cerro Pekin, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like EI Ranchito, Copaltepe, Pacaya, etc.

IDC 17:02:43.13±6.1, 7.24°99N, 109.48W, h0km, mb3.1/1, mbtmp3.0/4, ML3.2/2, Error ellipse: s-maj=40.5km s-min=16.0km az=124.0

ISC 17:02:43.15±0.9, 25.30N, 0.04±109.99W, 0.05, h10km, n11, z=38.17, 2C-1D, Gulf of California

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like San Evaristo, Rancho Ultima, La Paz, etc.

NEIC 17:02:47.51±1.0, 17.86N, 0.02-66.81W, 0.01, h10km, 1km, ML3.2/34, MD3.0/10 (RSPR), Error ellipse: s-maj=3.7km

SDD 17:02:47.52±0.9, 17.92N, 66.83W, h23km, 4km, MD3.4, ML2.9, MW3.1, Presumed earthquake

RSPR 17:02:47.52±3.1, 17.91N, 66.82W, h12km, MD3.0/10, ISC 17:02:47.52±1.1, 17.91N, 0.05-66.81W, 0.02, h17km±5km, n43, c064/65, 17C-11D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Guanica, Bosqu, Magueyes Islan, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Esperanza - Ma, Aguaquilla, San Juan, etc.

RSPR 17:02:51.51±9.1, 17.90N, 66.84W, h12km, NEIC 17:02:51.51±6.0, 17.86N, 0.03-66.84W, 0.009, h10km±1km, ML2.7/36, ML2.8/2 (RSPR), 12C-2D, Error ellipse: s-maj=5.4km s-min=2.5km az=60

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Guanica, Bosqu, Magueyes Islan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Co05 La Serena, G003 Copiapo, AC06 Mina Casimiro, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MLPRP Magueyes Islan, GBRPR Guanica, CRPRP Cabo Rojo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AMTX Amarillo, SDCO Great Sand Dune, H4RAR Hobbs, etc.

17d 4h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, LESA Schwarzelort, ABTA Abfallersbach, FETA Feichten, FUORN Offenpass-Fuorn, DAVOX Davos/Dischmat, DAVA Damuels, HFS Hagfors, ARCES ARCES Array B, HHC Hu-ho-hao-te, NOA NORSAR Array B, SENIN Lac Senin/Sane, MBAR Mbarar, SPITS Spitsbergen Ar, ESBB Sonseca Array, ESDD Sonseca Array, TORD Torodi Ar, Be, KAPPA Kappang, ILAR Eielson Array.

KVRC 17 04:00:53.4+1.3, 52.09N:159.78E, h56km, 18km, M4.4
MOS 17 04:00:55.5+0.9, 52.15N:159.59E, h56km, mb4.5/10, Error ellipse: s-maj=9.8km s-min=4.7km az=105.4
NEIC 17 04:00:55.6+2.0, 52.16N:160.09:159.85E:0.1, h46km, 7km, mb4.3/23, Error ellipse: s-maj=14.0km s-min=9.2km az=205.0
IDC 17 04:00:59.2+2.2, 52.23N:159.29E, h71km, 18km, mb6.3/22, mbtmp4.0/22, MS3.2/3, Error ellipse: s-maj=19.4km s-min=15.3km az=140.0

ISC 17 04:00:55.4+0.8, 52.10N:0.0:0.0:159.78E:0.05, h42km, 7km, n141, c1944/151, mb4.2/40, 4C-2D, Off east coast of Kamchatka Peninsula

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like RUS Russkaya, SPN Mys Shipunski, MK1 Makanchi Array, MKAR Makanchi Array, BORK Borovoye, DAV Davao City (W), ARTI Arti, ARCES ARCES Array B, ARCES ARCES Array A, AAK Ala-Archa, LWKY Lake, CMAR Chiang Mai Arr, PDAR Pinedale Array, AB31 Akbulak array, ABAR Akbulak array, GAR Garr, FINES FINESS Array B, FINES FINESS Array A, FINES FINESS Array B, CHGR Chuyangaron, MVCO Mesa Verde, OBN Obninsk, NOA NORSAR Array B, HFS Hagfors.

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Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SHEM Shemya Is, SMY Shemya, MA2 Magadan, JKA Kamikawa-asahi, ASAJ Asahikawa, KIWB Kanagawa Island, ERM Erimo, BILL Bilibino, YAK Yakutsk, ZEA Zeya, MAJO Matsushiro, MJAR Matsushiro Arr, BNK Binxian, JGF Kuroka, TIXI Tiksi, TIXI Tiksi, HIA Hailar, HIA Hailar, H29M Whitestone, SONM Songino Array, SONM Songino Array, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, G31M Satah River, INK Inuvik, INK Inuvik, YKA Yellowknife Ar, SPITS Spitsbergen Ar, SPITS Spitsbergen Ar, SPB2 Spitsbergen Ar, KURK Kurchatov, KURK Kurchatov, KURB Kurchatov Arr, MK1 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, B08A Colville Reser, B08A Colville Reser, BORK Borovoye, DAV Davao City (W), ARTI Arti, ARCES ARCES Array B, ARCES ARCES Array A, AAK Ala-Archa, LWKY Lake, CMAR Chiang Mai Arr, PDAR Pinedale Array, AB31 Akbulak array, ABAR Akbulak array, GAR Garr, FINES FINESS Array B, FINES FINESS Array A, FINES FINESS Array B, CHGR Chuyangaron, MVCO Mesa Verde, OBN Obninsk, NOA NORSAR Array B, HFS Hagfors.

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Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like AKASC Main Array Be, TXAR Lajitas Array, EKA Eskdalermur Ar, BUR08 Buccovina Arr, BURAR Buccovina Array, LANS Liptovska Anna, LANS Liptovska Anna, GMSL Smolenice, WRA Warramunga Arr, GERES GERESS Array B, ASAR Alice Springs, MMAI Mount Meron Ar, ESDD Sonseca Array, ESDD Sonseca Array, KEST Kesra, NVL N'Azarevskaya, NVL N'Azarevskaya, KRSC 17 04:09:54.4+1.2, 52.05N:159.90E, h24km, 21km, M3.9, IDC 17 04:09:58.3+7.5, 51.97N:159.68E, h6km, 38km, mb3.2/3, mbtmp3.5/3, MS3.0/2, Error ellipse: s-maj=52.0km s-min=33.9km az=173.0, ISC 17 04:09:54.9+1.7, 52.01N:0.0:0.0:159.80E:0.06, h32km, 11km, n130, c198/38, mb3.5/3, Off east coast of Kamchatka Peninsula, RES Resolva, SPITS Spitsbergen Ar, MKAR Makanchi Array, IDC 17 04:14:07.4+3.3, 19.78S:178.12W, h593km, 38km, mb3.3/4, mbtmp4.3/5, Error ellipse: s-maj=24.6km s-min=19.0km az=171.0, NEIC 17 04:14:08.1+2.1, 19.95S:0.2:178.1W:0.1, h582km, 14km, mb4.2/12, Error ellipse: s-maj=24.3km s-min=13.5km az=169.0, ISC 17 04:14:07.4+0.9, 19.75S:0.1:178.0W:0.1, h600km, n26, c1513/26, mb3.9/9, Fiji Islands Region, MSVF Nonavsu, URZ Urewera, HWZ Hauri, TCW Tory Channel, WAZ Waiyaki Hill Ro, ARMA Armidale, CTAO Charters Tower, COEN Coen, WRB Warramunga Arr, WRB Warramunga Arr, WBO Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, VVDA Vanda, TOLIT Tolito, QSPA South Pole Qui, QSPA South Pole Qui, ILAR Eielson Array, ARCES ARCES Array B, FINES FINESS Array B.

FFC NEW	comp=Z,5.7nm,20.8s,baz=131,slo=36 55.43 345 P 56.04 331 LR	P	P	04 41 37.0 -0.8	05 07 18.5
C09A	comp=Z,7.9nm,19.7s,baz=128,slo=38 Christian Ranch 56.30 330 IAmB	IAmB	P	04 43 38.4	
EDM	comp=Z,34nm,1.9s Edmonton 57.96 337 IAmB	IAmB	P	04 41 55.9	
FRB	comp=Z,17nm,1.1s 61.97 6 LR Frisher Bay 62.12 352 IAmB	LR	IAmB	05 11 08.4	04 42 29.8
BLKN	comp=Z,12nm,0.9s Baker Lake 64.00 329 LR	LR	P	05 10 59.6	
BBB	comp=Z,6nm,21.8s,baz=183,slo=56 Bella Bella 65.49 343 P	P	P	04 42 45.7 -0.6	
YKAW1	comp=Z,6.0nm,0.8s,baz=140,slo=5.3,SNR=112 Yellowknife Wh 65.53 343 P	P	P	04 42 46.0 -0.6	
YKA	comp=Z,6.0nm,0.8s Yellowknife Ar 65.53 343 P	P	P	04 42 46.0 -0.6	
YKAW3	comp=Z,6.0nm,0.8s,baz=140,slo=5.3,SNR=112 Yellowknife Wh 65.59 343 P	P	P	04 42 46.3 -0.7	
TOAD	comp=Z,12nm,0.9s Toad River Com 66.65 336 P	P	P	04 42 53.5 -0.4	
V35K	comp=Z,12nm,0.9s Ketchikan 67.45 331 P	P	P	04 42 59.8 +0.9	
T35M	comp=Z,12nm,0.9s Bob Quinn 67.70 333 P	P	P	04 43 01.7 +1.1	
CRAG	comp=Z,12nm,0.9s Craig 68.26 331 P	P	P	04 43 04.8 +1.1	
WRAK	comp=Z,12nm,0.9s Wrangell Islan 68.37 332 P	P	P	04 43 05.9 +1.1	
U33K	comp=Z,12nm,0.9s Whale Pass 68.59 331 P	P	P	04 43 07.4 +1.3	
S34M	comp=Z,12nm,0.9s Telegraph Cree 68.61 333 P	P	P	04 43 07.1 +0.9	
WRGLY	comp=Z,12nm,0.9s Wrigley 68.86 340 P	P	P	04 43 07.8 +0.2	
WTLY	comp=Z,12nm,0.9s Watson Lake, Y 68.86 336 P	P	P	04 43 08.5 +0.7	
R33M	comp=Z,12nm,0.9s Jennings River 69.35 335 P	P	P	04 43 11.6 +0.6	
Q32M	comp=Z,12nm,0.9s Nakina River 69.68 334 P	P	P	04 43 13.2 0.0	
S32K	comp=Z,12nm,0.9s Killisnoo 69.96 332 P	P	P	04 43 14.9 +0.3	
SIT	comp=Z,12nm,0.9s Sitka 70.11 331 P	P	P	04 43 15.7 +0.2	
R32K	comp=Z,12nm,0.9s Eaglecrest 70.33 333 P	P	P	04 43 17.4 +0.5	
P33M	comp=Z,12nm,0.9s Teslin, Yukon 70.58 335 P	P	P	04 43 18.4 -0.1	
P32M	comp=Z,12nm,0.9s Atlin 70.64 334 P	P	P	04 43 18.7 -0.1	
S31K	comp=Z,12nm,0.9s Pelican 70.98 332 P	P	P	04 43 20.8 +0.1	
N32M	comp=Z,12nm,0.9s Quiet Lake 71.20 336 P	P	P	04 43 22.7 +0.6	
SKAG	comp=Z,12nm,0.9s Skagway 71.29 334 P	P	P	04 43 23.1 +0.4	
PPT	comp=Z,50nm,18.9s,baz=82,slo=30 Papeete 71.53 251 LR	LR	LR	05 07 17.3	
PPT2	comp=Z,7.5nm,26.0s Papeete2 71.53 251 eLR	eLR	LR	05 05 13.1	
PPT2	comp=Z,116nm,33.8s Whitehorse 71.69 335 P	P	P	04 43 25.9 +0.7	
FARO	comp=Z,12nm,0.9s Faro, Yukon 71.88 337 P	P	P	04 43 27.0 +0.7	
O30N	comp=Z,12nm,0.9s Mendenhall 72.27 335 P	P	P	04 43 28.8 +0.2	
M31M	comp=Z,12nm,0.9s Drury Creek, Y 72.28 336 P	P	P	04 43 29.2 +0.6	
P30M	comp=Z,12nm,0.9s Million Dollar 72.33 334 P	P	P	04 43 29.4 +0.4	
N31M	comp=Z,12nm,0.9s Braeburn, Yuko 72.48 335 P	P	P	04 43 30.8 +0.9	
HYT	comp=Z,12nm,0.9s Haines Junctio 72.90 334 P	P	P	04 43 33.4 +0.9	
RES	comp=Z,7.3nm,20.8s,baz=112,slo=36 Resolute Bay 72.97 356 LR	LR	LR	05 15 16.4	
N30M	comp=Z,12nm,0.9s Aishikik Lake 73.02 335 P	P	P	04 43 33.9 +0.8	
O29M	comp=Z,12nm,0.9s Mount Kennedy 73.13 334 P	P	P	04 43 34.5 +0.6	
C36M	comp=Z,12nm,0.9s Paulatuk 73.20 345 P	P	P	04 43 35.3 +1.4	
YUK6	comp=Z,12nm,0.9s Outpost Mounta 73.33 334 P	P	P	04 43 35.5 +0.4	
M30M	comp=Z,9.8nm,0.9s Minto, Yukon 73.44 336 IAmB	IAmB	IAmB	04 43 37.0	
M30M	comp=Z,9.8nm,0.9s Minto, Yukon 73.44 336 P	P	P	04 43 36.4 +0.9	
MAYO	comp=Z,12nm,0.9s Mayo, Yukon 73.58 337 P	P	P	04 43 37.0 +0.7	
YUK4	comp=Z,12nm,0.9s Talbot Arm 73.63 335 P	P	P	04 43 37.4 +0.5	
PINM	comp=Z,12nm,0.9s Pinnacle 73.79 333 P	P	P	04 43 38.1 +0.4	
O28M	comp=Z,12nm,0.9s Mount Upton 74.06 334 P	P	P	04 43 40.0 +0.5	
M29M	comp=Z,12nm,0.9s Somme Creek 74.06 336 IAmB	IAmB	IAmB	04 43 41.0	
M29M	comp=Z,12nm,0.9s Somme Creek 74.06 336 P	P	P	04 43 40.1 +0.9	
YUK8	comp=Z,12nm,0.9s Steele Glacier 74.09 334 P	P	P	04 43 40.3 +0.7	
H31M	comp=Z,12nm,0.9s Peel River 74.16 340 IAmB	IAmB	IAmB	04 43 41.3	
H31M	comp=Z,12nm,0.9s Peel River 74.16 340 P	P	P	04 43 40.5 +0.8	
L29M	comp=Z,12nm,0.9s L29M 74.23 336 P	P	P	04 43 40.3 +0.2	
J30M	comp=Z,12nm,0.9s Hart River 74.24 338 P	P	P	04 43 40.8 +0.5	
K29M	comp=Z,12nm,0.9s Barlow Dome 74.34 337 P	P	P	04 43 41.9 +1.0	
I30M	comp=Z,12nm,0.9s Mount Dempster 74.58 339 IAmB	IAmB	IAmB	04 43 43.9	
I30M	comp=Z,12nm,0.9s Mount Dempster 74.58 339 P	P	P	04 43 42.9 +0.6	
YUK3	comp=Z,12nm,0.9s Moose Creek 74.60 335 P	P	P	04 43 42.8 +0.3	
CTG	comp=Z,12nm,0.9s Chitna Glacier 74.65 334 P	P	P	04 43 43.1 +0.3	
DBIC	comp=Z,9.3nm,0.7s,baz=285,slo=3.4,SNR=9.9 Dimbokro 74.71 84 P	P	LR	04 43 42.7 -1.1	05 13 17.6
DBIC	comp=Z,4.5nm,22.0s,baz=291,slo=33 Dimbokro 74.71 84 P	P	IAmB	04 43 43.0 -0.9	04 43 44.5
G31M	comp=Z,12nm,0.8s Satah River 74.73 341 IAmB	IAmB	IAmB	04 43 44.1	
G31M	comp=Z,12nm,0.8s Satah River 74.73 341 P	P	P	04 43 43.7 +0.8	
F31M	comp=Z,12nm,0.8s Tsigeitcheic 74.84 341 IAmB	IAmB	IAmB	04 43 43.8	
F31M	comp=Z,12nm,0.8s Tsigeitcheic 74.84 341 P	P	P	04 43 43.8 +0.3	
J29M	comp=Z,12nm,0.8s Klondike Camp 74.90 337 IAmB	IAmB	IAmB	04 43 45.5	
J29M	comp=Z,12nm,0.8s Klondike Camp 74.90 337 P	P	P	04 43 44.4 +0.4	
BVCY	comp=Z,12nm,0.8s Beaver Creek 75.05 335 P	P	P	04 43 44.9 0.0	
DAWY	comp=Z,12nm,0.8s Dawson 75.17 337 IAmB	IAmB	IAmB	04 43 46.2	
DAWY	comp=Z,12nm,0.8s Dawson 75.17 337 P	P	P	04 43 45.7 +0.1	
INK	comp=Z,14nm,1.1s Inuvik 75.25 342 IAmB	IAmB	IAmB	04 43 47.1	
INK	comp=Z,14nm,1.1s Inuvik 75.25 342 P	P	P	04 43 46.4 +0.5	
EPYK	comp=Z,12nm,0.8s Eagle Plains 75.28 340 IAmB	IAmB	IAmB	04 43 47.9	
EPYK	comp=Z,12nm,0.8s Eagle Plains 75.28 340 P	P	P	04 43 46.9 +0.7	
A36M	comp=Z,12nm,0.8s Sachs Harbour 75.30 347 P	P	P	04 43 46.1 0.0	
CRQE	comp=Z,12nm,0.8s Cirque 75.35 333 P	P	P	04 43 46.9 +0.1	
I29M	comp=Z,8.3nm,0.8s Ogilvie Camp 75.36 338 IAmB	IAmB	IAmB	04 43 47.9	
I29M	comp=Z,8.3nm,0.8s Ogilvie Camp 75.36 338 P	P	P	04 43 47.4 +0.7	
G30M	comp=Z,11.8nm,0.8s Aoh Zrail SNR 75.42 340 P	P	P	04 43 47.3 +0.4	
M27K	comp=Z,11.8nm,0.8s Edge Creek, AK 75.45 335 P	P	P	04 43 47.6 +0.2	
MCARA	comp=Z,11.8nm,0.8s McCarthy VSAT 75.56 334 P	P	P	04 43 48.1 +0.3	
F30M	comp=Z,11.8nm,0.8s Barriere River 75.60 341 IAmB	IAmB	IAmB	04 43 49.2	
F30M	comp=Z,11.8nm,0.8s Barriere River 75.60 341 P	P	P	04 43 48.3 +0.4	
L27K	comp=Z,11.8nm,0.8s Beaver Creek A 75.71 335 P	P	P	04 43 48.7 +1.0	
BCAR	comp=Z,11.8nm,0.8s Beaver Creek, AK 75.72 335 P	P	P	04 43 49.9 +0.1	
H29M	comp=Z,11.8nm,0.8s Whitestone 75.79 339 P	P	P	04 43 49.7 +0.6	
G29M	comp=Z,11.8nm,0.8s Pine Creek 76.00 340 IAmB	IAmB	IAmB	04 43 51.0	
G29M	comp=Z,11.8nm,0.8s Pine Creek 76.00 340 P	P	P	04 43 50.5 +0.3	
I28M	comp=Z,11.8nm,0.8s Miner Creek 76.01 338 IAmB	IAmB	IAmB	04 43 59.0	
I28M	comp=Z,11.8nm,0.8s Miner Creek 76.01 338 P	P	P	04 43 50.4 0.0	
BMRM	comp=Z,11.8nm,0.8s Bremner River 76.12 333 P	P	P	04 43 51.4 +0.3	
MD01	comp=Z,11.8nm,0.8s Midelt array s 76.18 57 P	P	P	04 43 53.4 +1.3	
MD31	comp=Z,11.8nm,0.8s MD31 76.18 57 IAmB	IAmB	IAmB	04 43 54.2	
MDT	comp=Z,11.8nm,0.8s Midelt 76.31 57 LR	LR	LR	05 17 02.0	
L26K	comp=Z,11.8nm,0.8s Log Cabin Wild 76.34 335 IAmB	IAmB	IAmB	04 43 53.9	
L26K	comp=Z,11.8nm,0.8s Log Cabin Wild 76.34 335 P	P	P	04 43 52.6 +0.4	
N25K	comp=Z,11.8nm,0.8s Chitna, Valde 76.35 334 P	P	P	04 43 52.8 +0.4	
Q23K	comp=Z,11.8nm,0.8s Middleton Isla 76.40 331 P	P	P	04 43 52.9 +0.3	
MENT	comp=Z,11.8nm,0.8s Mentasta 76.47 335 IAmB	IAmB	IAmB	04 43 54.2	
EYAK	comp=Z,11.8nm,0.8s Cordova Ski Ar 76.49 332 P	P	P	04 43 53.5 +0.4	
E29M	comp=Z,11.8nm,0.8s Blow River 76.68 341 P	P	P	04 43 54.9 +0.9	
I27K	comp=Z,11.8nm,0.8s Kandik River 76.70 338 IAmB	IAmB	IAmB	04 43 55.8	
I27K	comp=Z,11.8nm,0.8s Kandik River 76.70 338 P	P	P	04 43 54.9 +0.6	
HARP	comp=Z,11.8nm,0.8s HAARP 76.88 334 P	P	P	04 43 55.9 +0.6	
KLU	comp=Z,11.8nm,0.8s Klutina 76.90 333 P	P	P	04 43 55.8 +0.2	
H27K	comp=Z,11.8nm,0.8s Steamboat Moun 76.94 338 P	P	P	04 43 55.8 +0.2	
F28M	comp=Z,11.8nm,0.8s Old Crow 76.97 340 IAmB	IAmB	IAmB	04 43 56.6	
F28M	comp=Z,11.8nm,0.8s Old Crow 76.97 340 P	P	P	04 43 55.7 0.0	
SCRK	comp=Z,11.8nm,0.8s Sand Creek 76.97 336 IAmB	IAmB	IAmB	04 43 57.8	
SCRK	comp=Z,11.8nm,0.8s Sand Creek 76.97 336 P	P	P	04 43 56.6 +0.6	
J26L	comp=Z,11.8nm,0.8s Joseph Creek 77.01 336 P	P	P	04 43 56.4 +0.3	
P23K	comp=Z,11.8nm,0.8s Montague Islan 77.09 332 P	P	P	04 43 56.5 0.0	
PAX	comp=Z,11.8nm,0.8s Paxson 77.22 335 P	P	P	04 43 57.2 -0.1	
M24K	comp=Z,11.8nm,0.8s Tolsona, Glenn 77.22 334 P	P	P	04 43 57.7 +0.4	
GLI	comp=Z,11.8nm,0.8s Glacier Island 77.23 332 P	P	P	04 43 57.7 +0.4	
G27K	comp=Z,11.8nm,0.8s Doyon Strip 77.23 339 P	P	P	04 43 57.4 +0.2	
RIDG	comp=Z,11.8nm,0.8s Independent Ri 77.24 336 P	P	P	04 43 57.2 -0.1	
E28M	comp=Z,11.8nm,0.8s Babbage River 77.31 341 IAmB	IAmB	IAmB	04 43 58.1	
E28M	comp=Z,11.8nm,0.8s Babbage River 77.31 341 P	P	P	04 43 57.4 -0.2	
D28M	comp=Z,11.8nm,0.8s Stokes Point 77.40 342 P	P	P	04 43 58.5 +0.5	
ESDC	comp=Z,11.8nm,0.8s Sonseca Array 77.64 50 P	P	P	04 44 00.8 +0.7	04 44 00.8 +0.7
ESDC	comp=Z,11.8nm,0.8s Sonseca Array 77.64 50 P	P	P	04 44 00.5 +0.4	
SCM	comp=Z,11.8nm,0.8s Sheep Creek Mo 77.64 333 P	P	P	04 43 59.6 -0.1	
K24K	comp=Z,11.8nm,0.8s Donnelly Dome 77.65 335 P	P	P	04 43 59.7 +0.1	
J25K	comp=Z,11.8nm,0.8s Salcha River, 77.77 336 IAmB	IAmB	IAmB	04 44 01.6	
J25K	comp=Z,11.8nm,0.8s Salcha River, 77.77 336 P	P	P	04 44 00.8 +0.4	
E27K	comp=Z,11.8nm,0.8s Coleen River 77.81 340 IAmB	IAmB	IAmB	04 44 01.4	
E27K	comp=Z,11.8nm,0.8s Coleen River 77.81 340 P	P	P	04 44 01.0 +0.5	
M23K	comp=Z,11.8nm,0.8s Glacier View 77.81 333 P	P	P	04 44 00.8 +0.3	
KNK	comp=Z,11.8nm,0.8s Knik Glacier 78.03 333 P	P	P	04 44 01.8 +0.1	
WAT6	comp=Z,11.8nm,0.8s Susitna Watana 78.07 334 P	P	P	04 44 02.2 0.0	
DHY	comp=Z,11.8nm,0.8s Denali Highway 78.07 335 P	P	P	04 44 02.3 +0.1	
SML	comp=Z,11.8nm,0.8s Sawmill 78.09 333 P	P	P	04 44 02.1 0.0	
SEW	comp=Z,11.8nm,0.8s Seward 78.10 331 P	P	P	04 44 01.8 -0.4	
PRP	comp=Z,11.8nm,0.8s Porcupine Dome 78.16 337 P	P	P	04 44 02.9 +0.3	
HDA	comp=Z,11.8nm,0.8s Harding Lake 78.34 336 P				

17d 4h

Table with columns: Station ID, Name, Azimuth, Phase, Time, Residual, etc. Includes stations like M15K Kasigluk River, D19K Kuna River, D19K Kuna River, etc.

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Main table with columns: Station ID, Name, Azimuth, Phase, Time, Residual, etc. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CHTO Chiang Mai, etc.

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Table with columns: Station ID, Name, Azimuth, Phase, Time, Residual, etc. Includes stations like AOPR Arcicobo Observ, AOPR Arcicobo Observ, AOPR Arcicobo Observ, etc.

IDC 17 04:37:45.0-0.9, 15:48N-119:01E, h0km, mb4.0/7, mbmp4.1/8, Error ellipse: s-maj=55.5km s-min=18.1km az=63.0

VIE 17 04:44:53.8-0.5, 51:38N-16:01E, h0km, mb2.5/7, m2.5/7, Error ellipse: s-maj=3.7km s-min=3.0km az=44.0

IDC 17 04:56:02.2-1.4, 5:30S; 152:11E, h0km, mb3.9/7, mbmp3.9/8, ML1.9/1, MS3.1/1, Error ellipse: s-maj=58.4km

17d 6h

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
WBO	comp=N,40nm,0.1s				05 26 07.4	
WBO	comp=E,37nm,0.0s				05 26 10.4	
WBO	Williamsburg	0.92 269	PG	Pg	05 25 53.1 -0.1	
WBO			SG	Sg	05 26 05.7 +0.4	
WBO			Trac	Tr	05 26 06.9	
NCB	comp=E,27nm,0.1s				05 25 54.7 -0.9	
NCB	Newcomb	1.06 190	Pg	Pb	05 26 04.6	
NCB			IAML			
NCB	comp=E,39nm,3.6s				05 26 08.9 -0.5	
NCB			Sg	Sb	05 26 13.0	
NCB			IAML			
VT1	comp=N,41nm,0.2s				05 25 56.5 0.0	
VT1	Waterbury	1.11 128	Pg	Pg	05 26 11.0 -0.4	
VT1			Sg	Sg	05 26 13.1 0.0	
ORIO	comp=N,8.5nm,0.1s				05 26 13.2 +0.1	
ORIO	Orleans, Innes	1.17 292	SG	Sg	05 26 17.7	
GAC	comp=N,8.5nm,0.1s				05 25 59.2 +0.2	
GAC	Glenn Almond	1.26 304	PG	Pb	05 26 15.8 +0.3	
GAC			SG	Sb	05 26 24.1	
TRQ	comp=N,5.8nm,0.0s				05 25 68.9 -0.1	
TRQ	Mont Tremblant	1.27 342	Pn	Pn	05 26 20.0	
TRQ			IAML			
TRQ	comp=N,33nm,0.1s				05 25 59.0 0.0	
TRQ	Mont Tremblant	1.27 342	PG	Pn	05 26 16.2 -0.3	
TRQ			SG	Sg	05 26 19.8	
TRQ			Trac			
DRMQ	comp=N,7.5nm,0.0s				05 26 00.8 -0.3	
DRMQ	Drummondville	1.38 50	PG	Pb	05 26 20.2 +0.3	
DRMQ			SG	Sb	05 26 20.7 +0.3	
J59A	Piesco	1.60 194	Pn	Pn	05 26 05.5 -0.4	
LBNH	Lisbon	1.79 137	Pn	Pn	05 26 06.7 +0.7	
HNH	Hanover	1.79 137	Pn	Pn	05 26 08.2 -1.1	
DPO	Saint Jean	1.86 26	PN	Pb	05 26 34.3	
DPO			SN	Sb	05 26 36.9	
DPO			LG	Lg		
DPO			Trac			
J61A	comp=N,5.5nm,0.1s				05 26 08.9 +0.6	
H62A	Chester	1.96 148	Pn	Pn	05 26 10.9 +1.1	
H62A	Milan	2.06 101	Pn	Pn	05 26 09.0 -0.8	
GRQ	Grand Remous	2.06 321	PN	SN	05 26 36.3 +1.0	
GRQ			SN	SN	05 26 42.5	
GRQ			LG	Lg		
GRQ			Trac			
J57A	comp=N,6.0nm,0.1s				05 26 12.6 +1.4	
PLVO	Williamstown	2.17 223	Pn	Pn	05 26 12.1 +0.6	
PLVO	Plville	2.19 272	Pn	Pn	05 26 38.2 -0.3	
PLVO			SN	SN	05 26 46.9	
PLVO			LG	Lg		
PLVO			Trac			
I62A	comp=N,3.4nm,0.0s				05 26 12.4 +0.6	
TRY	Tamworth	2.21 120	Pn	Pn	05 26 15.6 +1.3	
PEMO	Pembroke	2.40 287	PN	SN	05 26 52.1	
PEMO			SN	SN	05 26 53.2	
PEMO			LG	Lg		
PEMO			Trac			
PECO	comp=N,3.0nm,0.1s				05 26 15.1 +0.5	
PECO	Prince Edward	2.41 244	Pn	Pn	05 26 15.9 +1.3	
PECO	Prince Edward	2.41 244	PN	SN	05 26 43.6 -0.3	
PECO			SN	SN	05 26 51.8	
PECO			LG	Lg	05 26 52.8	
PECO			Trac			
CHRO	comp=N,6.9nm,0.1s				05 26 17.6 +0.5	
CHRO	Chalk River	2.60 294	PN	SN	05 26 48.3 -0.2	
CHRO			SN	SN	05 26 58.0	
CHRO			Trac			
I63A	comp=N,5.9nm,0.2s				05 26 18.4 +1.1	
DELO	Deloro Mine	2.62 110	Pn	Pn	05 26 18.0 +0.3	
DELO	Deloro Mine	2.64 260	PN	SN	05 26 19.0 +1.3	
DELO			SN	SN	05 26 49.5 -0.1	
DELO			LG	Lg	05 26 58.8	
DELO			Trac		05 27 02.8	
L59A	comp=N,3.2nm,0.1s				05 26 21.9 +0.2	
WES	Walton	2.93 196	Pn	Pn	05 26 29.0 +2.8	
WES	Weston	3.26 143	Pn	Pn	05 26 25.1 -2.3	
WLVO	Wesleyville	3.35 252	PN	SN	05 27 05.3 -1.6	
WLVO			SN	SN	05 27 20.1	
WLVO			LG	Lg	05 27 21.9	
WLVO			Trac			
A54	comp=N,3.8nm,0.1s				05 26 31.3 +2.1	
A54	Misere	3.48 44	PN	SN	05 27 08.5 -1.7	
A54			SN	SN	05 27 24.3	
A54			Trac		05 27 27.5	
LDAO	comp=N,0.4nm,0.0s				05 26 32.6 +3.0	
LDAO	Lac Daran	3.50 32	PN	SN	05 27 09.6 -1.3	
LDAO			SN	SN	05 27 24.3	
LDAO			Trac		05 27 26.1	
E62A	comp=N,4.9nm,0.2s				05 26 27.8 -1.8	
F64A	Clayton Lake	3.05 61	Pn	Pn	05 26 37.8 +0.7	
N58A	Sherman	4.50 76	Pn	Pn	05 26 47.4 +2.3	
N58A	Sunbury	4.63 207	Pn	Pn		

NIED 17 05:28:27.8±0.29; 129°12'N; 130°71'E, h10km, MW4.0, Moment Tensor Solution. s3 Moment tensor: Scale 10¹⁵Nm; Mn:0.14; Mw:0.70; Ms:0.57; Mz:0.26; Mb:0.49; Mr:0.65; Fault plane solution: Mo:1.070000x10¹⁵ NP1: 0±294.00000°, 84.900000°, 142.00000°. NP2: 0±294.00000°, 84.900000°, 142.00000°.

JMA 17 05:28:27.8±0.3; 29.1N; 0.6; 130.7E; 0.7; h10km, 3km, Mw3.5/23, NEAR AMAMI-OISHIMA ISLAND

IDC 17 05:28:14.8±27.0±2.7; 42N; 125.81E, h36km, 271km, mb3.1/29, mbmp3.8/5, Error ellipse: s-maj=298.1km s-min=21.1km az=65.0

ISC 17 05:28:31.9±1.1; 29.19N; 0.06; 130.59E; 0.09, h40km, n15, 1132/18, mb3.8/5, Ryukyu Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
JNN	Nakanoshima	0.90 316	Op	ISC	05 28 47.0 -1.2	
JNN			S	S	05 29 00.7 +0.8	
JYAK	Yakushimahirau	1.05 356	P	SN	05 28 49.0 -1.1	
JYAK			S	SN	05 29 04.7 +1.1	
JAM	Amami Oshima	1.16 228	S	SN	05 29 06.9 +0.6	
JTJA	Takarajima	1.21 269	eS	SN	05 28 51.9 -0.5	
JTJA			eS	SN	05 29 09.7 +2.1	
JMTN	Minamitane	1.23 13	P	SN	05 28 51.8 -0.9	
JKC	Kuchinoerabu	1.31 345	eP	SN	05 28 53.8 0.0	
JKC			S	SN	05 29 12.0 +1.9	
JTN	Tanegashima 3	1.50 13	P	SN	05 28 55.3 -1.0	
JTSR	Tashiro 2	1.99 8	P	SN	05 29 03.5 +0.3	
JTK	Tokunoshima	2.01 226	P	SN	05 29 03.0 -0.4	
JSU	Suzuyama	2.31 357	S	SN	05 29 36.9 +2.1	
KURBB	Kurchatov Arra	44.23 314	P	P	05 36 35.9 -1.3	
BVAR	Borovoye Array	49.52 316	P	P	05 37 17.1 -1.4	
ASAR	Alice Springs	52.65 176	P	P	05 37 43.8 +1.5	
FINES	FINES Array B	71.32 331	P	P	05 39 52.8 +5.6	
AKASG	Main Array B	74.64 320	P	P	05 40 06.3 -0.7	

IDC 17 05:31:41.1±2.2; 4.99S; 151°83'E, h0km, mb3.4/3, mbtmp3.4/3, Error ellipse: s-maj=172.7km s-min=29.6km az=127.0, New Britain region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
WRA	Warramunga Arr	22.60 227	Op	ISC	05 36 43.3 -0.3	
ASAR	Alice Springs	25.36 221	P	P	05 37 10.3 +0.2	
ILAR	Gleason Array	87.20 32	P	P	05 44 06.5 0.0	

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GUC 17 05:35:41.9±0.8; 23.11S; 67°86'W, h172km, 4km, ML3.7, SJA 17 05:35:41.3±0.8; 23.07S; 67°84'W, h165km, 7km, ML3.6, MW3.6

ISC 17 05:35:41.3±1.7; 23.07S; 0.04; 67°86'W; 0.05, h171km, 12km, n30, e0868/48, 11C, Chile-Argentina border region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
AF01	San Pedro de A	0.32 292f	Op	ISC	05 36 04.7 -0.1	
AF01			eS	SN	05 36 22.1 -0.5	
AF01			IAML		05 36 29.7	
AF01	San Pedro de A	0.32 292	iP	Pn	05 36 04.5 -0.3	
AF06	IPOC Station P	1.62 283f	eS	SN	05 36 14.8 +0.9	
PB06			eS	SN	05 36 39.3 +0.3	
PB06	IPOC Station P	1.62 283	iS	SN	05 36 14.1 +0.2	
PB06			iS	SN	05 36 38.7 -0.3	
PB06			IAML		05 36 40.9	
PB09	IPOC Station P	1.80 315f	eS	SN	05 36 17.0 +1.2	
PB09			eS	SN	05 36 43.1 +0.6	
PB09			IAML		05 36 45.2	
PB09	comp=N,296nm,0.3s				05 36 16.8 +0.9	
PB09	IPOC Station P	1.80 315	iP	Pn	05 36 43.8	
SALTA	SALTA	1.81 130	eS	SN	05 36 16.3 +0.2	
SALTA			eS	SN	05 36 43.7 +0.6	
PB05	IPOC Station P	2.17 275f	eS	SN	05 36 20.4 +0.6	
PB05			eS	SN	05 36 49.0 -0.6	
PB05	comp=E,182nm,0.4s				05 36 57.4	
PB05	IPOC Station P	2.17 275	iP	Pn	05 36 20.2 +0.4	
PB05			iS	SN	05 36 48.7 +0.9	
PB05			IAML		05 36 51.8	
PB07	IPOC Station P	2.30 305f	eP	Pn	05 36 22.2 +0.8	
PB07			IAML		05 36 52.6	
PB07	comp=E,419nm,0.5s				05 36 22.1 +0.7	
PB07	IPOC Station P	2.30 305	iP	Pn	05 36 52.0 -0.4	
PB07			iS	SN	05 36 53.4	
PB07			IAML			
PB10	comp=N,295nm,0.1s				05 36 24.5 +0.8	
PB10	IPOC Station P	2.52 259f	eS	SN	05 36 55.9 -0.6	
PB10			eS	SN	05 36 57.2	
PB10	comp=N,169nm,0.3s				05 36 24.4 +0.7	
PB10	IPOC Station P	2.52 259	iP	Pn	05 37 03.3	
PB01	comp=N,404nm,0.4s				05 36 24.3 +0.5	
PB01	IPOC Station P	2.52 323f	eS	SN	05 36 56.9 0.0	
PB01			IAML		05 36 58.8	
PB01	comp=N,299nm,0.1s				05 36 24.4 +0.5	
PB01	IPOC Station P	2.52 323	iP	Pn	05 36 55.5 -1.4	
PB01			iS	SN	05 36 59.2	
PB01			IAML			
PB02	comp=N,238nm,0.1s				05 36 24.9 +0.4	
PB02	IPOC Station P	2.57 312f	eS	SN	05 36 58.1 +0.2	
PB02			eS	SN	05 36 24.8 +0.3	
PB02			iS	SN	05 36 57.4 -0.5	
PB02			IAML		05 37 00.8	
PB02	comp=N,410nm,0.1s				05 36 25.9 +0.7	
GO02	Mina Guanaco	2.61 217	eP	Pn	05 36 59.0 -0.2</	

17d 6h

Table with columns: RKT, Name, Date, Time, Location, Status, etc. Includes entries like BVAR Borovoye Array, PALK Pallekele, KSCO Kaye Shedlock, etc.

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Table with columns: RKT, Name, Date, Time, Location, Status, etc. Includes entries like RKT comp=Z,4um,30.5s, E29M Glow River, G30M tAoh Zraii Nji, etc.

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Table with columns: RKT, Name, Date, Time, Location, Status, etc. Includes entries like K20K Telida, SKT Skwentna, J19K Pootman, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Cabo Rojo, Las Mesas, Puerto Rico Se, Obispo Ponce, Cerrillos, UPR, Arecibo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DAVAs, MOTAs, SQTAs, FETAs, WTAs, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Katmen, SHLS, PDGK, UZB, SATY, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KPKS, DJR, KURS, KNOS, BLB, KOTS, MDOK, TNS, ARXS, IZV, MTBS, KTBS, KST, MK31, DGS, KRBS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BORSZ, ZAGS, KUBS, BOVS, BLBK, MDRV, HERR, SRE, ZAPS, GRUS, GOC, VRS, VRS, SELS, TRUS, GZR, BARS, BZS, BZS, IVAS, DIVS, SIRA, SIRA, KWP, etc.

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

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

17d 10h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Cabo Rojo, PR, Las Mesas, and Esperanza - Ma.

RSPR 17 10:03:54.6, 17.88N, 66.84W, h13km, MD3.1/5
NEIC 17 10:03:51.9, 1.6, 17.73N, 0.03:66.85W, 0.01, h10km, 2km,
ML3.3/34, MD3.1/5(RSPR), 7C-5D, Error ellipse:
s-maj=4.6km s-min=3.0km az=3.0, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Guanica, Bosqu, Maguayes Islan, and Las Mesas.

IDC 17 10:03:53.2, 62.0, 16.41S, 177.58W, h0km, mb3.8/3,
mbtmp3.8/3, Error ellipse: s-maj=1138.0km
s-min=168.9km az=78.0, Fiji Islands region

2020 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Stephens Creek, Warramunga Arr, and Alice Springs.

HEL 17 10:04:33.0, 0.1, 65.85N, 217.6E, h0km, ML1.5,
Explosion, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kalix, Ertsjaerv, Tornio, and Ullkokalla.

HEL 17 10:04:42.1, 0.2, 64.71N, 30.83E, h0km, ML2.0, Suspected
Explosion

KOLA 17 10:04:43.9, 64.70N, 30.63E, h0km, ML2.1, Error ellipse:
s-maj=17.3km s-min=15.3km az=150.0, Kostomuksha,
Karelia

IDC 17 10:04:44.6, 2.8, 64.61N, 30.44E, h0km, mbtmp2.9/4,
ML2.0/4, Error ellipse: s-maj=44.1km s-min=8.8km
az=103.0

ISC 17 10:04:42.5, 0.9, 64.74N, 0.02:30.51E, 0.05, h0km, m43,
s167/61, Finland-Karelia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Romuvaara, Kurvinen, and Rovaniemi.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARCCESS Array B, Vadsso, and Rauma.

comp=Z, 0.1nm, 0.3s, baz=82, slow=34, SNR=1.7
Lg Lg 10 07 24.2

IDC 17 10:09:03.8, 8.3, 21.07S, 179.42W, h0km, mb3.5/3,
mbtmp3.5/3, Error ellipse: s-maj=362.6km
s-min=37.6km az=147.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Alice Springs, Warramunga Arr, and Eielson Array B.

IDC 17 10:24.7, 2.0, 0.80S, 128.12E, h0km, mb3.4/3,
mbtmp3.4/3, ML3.1/1, Error ellipse: s-maj=175.9km
s-min=23.4km az=68.0

DJA 17 10:28.0, 0.6, 1.1S, 4.12E, h29km, 5km, M3.1/6,
ML3.1/6

ISC 17 10:29.2, 0.1, 1.19S, 0.06:127.59E, 0.09, h31km, n9,
s129/12, mb3.5/3, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SANI, TINTI, and WARRAMUNGA ARR.

RSPR 17 10:17:07.1, 18.01N, 66.76W, h12km, MD2.9/6
NEIC 17 10:17:07.3, 1.6, 18.03N, 0.02:66.75W, 0.01, h10km, 1km,
ML3.1/36, MD2.9/6(RSPR), 7C-3D, Error ellipse:
s-maj=3.8km s-min=2.1km az=197.0, Puerto Rico
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Obispado Ponce, Guanica, Bosqu, and Las Mesas.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ARCES, FINES, BRTR, HHC, PZH.

WEL 17 10:44:59.9 1.3, 34'S, 151.7' 19'W, h238km, 41km, M3.87, mb4.71, Mw3.87, Mw(mb)4.0/1, Error ellipse: s-maj=21.8km s-min=19.7km az=101.0, confirmed, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WMGZ, PKGZ, HAZ, HAZZ, RUGZ, CNGZ, TKGZ, MWZ, URZ, RIGZ, WZ, MTHZ, OUZ, BKZ.

IDC 17 11:03:22.9 0.8, 5.67N, 126.09E, h110km, 6km, mb4.1/27, mbmp4.5/29, MS3.1/18, Error ellipse: s-maj=18.3km

NEIC 17 11:03:22.3 1.8, 5.68N, 0.06, 126.20E, 0.05, h104km, 6km, mb4.8/156, Error ellipse: s-maj=9.3km s-min=6.2km az=209.0

DJA 17 11:03:23.0 2.4, 6.1N, 3.12'E, h105km, 3km, M4.9/54, mb4.9/54, mb5.4/17, Mw1.5/211, Mw(mb)4.8/17, MwMwp5.0/2, Mwps2.2

ISC 17 11:03:24.0 3.5, 7.1N, 0.03, 126.20E, 0.06, h116km, n527, e121/475, mb4.7/114, 2C, Mindanao

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DAV, TMT, MRSI, TOLI, TOLI2, TOLI3, LUWI, SANI, APSI, MPSI, SWI, SIJI, SIJI2, SIJI3, NLAJ, PCI, KRAI, MSAI, KKM, KKM2, FAKI, TTSI, MMSI, SPSI, BKB, BKB2, BKB3, KAPI, KAPI2, KAPI3, KAPI4, KAPI5, KAPI6, KAPI7, KAPI8, KAPI9, KAPI10, KAPI11, KAPI12, KAPI13, KAPI14, KAPI15, KAPI16, KAPI17, KAPI18, KAPI19, KAPI20, KAPI21, KAPI22, KAPI23, KAPI24, KAPI25, KAPI26, KAPI27, KAPI28, KAPI29, KAPI30, KAPI31, KAPI32, KAPI33, KAPI34, KAPI35, KAPI36, KAPI37, KAPI38, KAPI39, KAPI40, KAPI41, KAPI42, KAPI43, KAPI44, KAPI45, KAPI46, KAPI47, KAPI48, KAPI49, KAPI50, KAPI51, KAPI52, KAPI53, KAPI54, KAPI55, KAPI56, KAPI57, KAPI58, KAPI59, KAPI60, KAPI61, KAPI62, KAPI63, KAPI64, KAPI65, KAPI66, KAPI67, KAPI68, KAPI69, KAPI70, KAPI71, KAPI72, KAPI73, KAPI74, KAPI75, KAPI76, KAPI77, KAPI78, KAPI79, KAPI80, KAPI81, KAPI82, KAPI83, KAPI84, KAPI85, KAPI86, KAPI87, KAPI88, KAPI89, KAPI90, KAPI91, KAPI92, KAPI93, KAPI94, KAPI95, KAPI96, KAPI97, KAPI98, KAPI99, KAPI100.

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like KNMB, SMRI, PCJ, UGM, UGM2, UGM3, UGM4, UGM5, UGM6, UGM7, UGM8, UGM9, UGM10, UGM11, UGM12, UGM13, UGM14, UGM15, UGM16, UGM17, UGM18, UGM19, UGM20, UGM21, UGM22, UGM23, UGM24, UGM25, UGM26, UGM27, UGM28, UGM29, UGM30, UGM31, UGM32, UGM33, UGM34, UGM35, UGM36, UGM37, UGM38, UGM39, UGM40, UGM41, UGM42, UGM43, UGM44, UGM45, UGM46, UGM47, UGM48, UGM49, UGM50, UGM51, UGM52, UGM53, UGM54, UGM55, UGM56, UGM57, UGM58, UGM59, UGM60, UGM61, UGM62, UGM63, UGM64, UGM65, UGM66, UGM67, UGM68, UGM69, UGM70, UGM71, UGM72, UGM73, UGM74, UGM75, UGM76, UGM77, UGM78, UGM79, UGM80, UGM81, UGM82, UGM83, UGM84, UGM85, UGM86, UGM87, UGM88, UGM89, UGM90, UGM91, UGM92, UGM93, UGM94, UGM95, UGM96, UGM97, UGM98, UGM99, UGM100.

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like BJT, BJT2, MORW, INKA, FORT, FORT2, LZDM, QLP, LZHZ, LZHZ2, LZHZ3, LZHZ4, LZHZ5, LZHZ6, LZHZ7, LZHZ8, LZHZ9, LZHZ10, LZHZ11, LZHZ12, LZHZ13, LZHZ14, LZHZ15, LZHZ16, LZHZ17, LZHZ18, LZHZ19, LZHZ20, LZHZ21, LZHZ22, LZHZ23, LZHZ24, LZHZ25, LZHZ26, LZHZ27, LZHZ28, LZHZ29, LZHZ30, LZHZ31, LZHZ32, LZHZ33, LZHZ34, LZHZ35, LZHZ36, LZHZ37, LZHZ38, LZHZ39, LZHZ40, LZHZ41, LZHZ42, LZHZ43, LZHZ44, LZHZ45, LZHZ46, LZHZ47, LZHZ48, LZHZ49, LZHZ50, LZHZ51, LZHZ52, LZHZ53, LZHZ54, LZHZ55, LZHZ56, LZHZ57, LZHZ58, LZHZ59, LZHZ60, LZHZ61, LZHZ62, LZHZ63, LZHZ64, LZHZ65, LZHZ66, LZHZ67, LZHZ68, LZHZ69, LZHZ70, LZHZ71, LZHZ72, LZHZ73, LZHZ74, LZHZ75, LZHZ76, LZHZ77, LZHZ78, LZHZ79, LZHZ80, LZHZ81, LZHZ82, LZHZ83, LZHZ84, LZHZ85, LZHZ86, LZHZ87, LZHZ88, LZHZ89, LZHZ90, LZHZ91, LZHZ92, LZHZ93, LZHZ94, LZHZ95, LZHZ96, LZHZ97, LZHZ98, LZHZ99, LZHZ100.

AB31	Akbulak array	70.30	320	P	P	11 14 23.7	-0.6
ABKAR	Akbulak array	70.30	320	P	P	11 14 23.6	-0.8
NIKH	Nikolski High	70.52	36	P	P	11 14 25.0	-0.5
SPIA	Saint Paul Isl	71.08	31	P	P	11 14 29.1	+0.3
P08K	Saint George I	71.25	32	P	P	11 14 30.2	+0.3
UNV	Unalaska Valle	72.11	35	P	P	11 14 34.5	-0.6
AKUT	Akutan	72.61	35	P	P	11 14 39.1	+1.1
GAMB	Gambell	72.82	24	P	P	11 14 39.2	+0.1
ARTI	Arti	73.08	327	P	P	11 14 39.9	-0.9
ARTI	Arti	73.08	327	P	P	11 14 43.2	
ARTI	Arti	73.08	327	P	P	11 14 39.4	-1.5
ARTI	Arti	73.08	327	P	P	11 15 07.0	-2.0
M11K	Mekoryuk	74.09	29	P	P	11 14 46.7	+0.1
TNA	Tin City	74.99	23	P	P	11 14 52.4	+0.7
M13K	Dali Lake	75.46	29	P	P	11 14 55.3	+0.8
F14K	Arctic Creek	75.59	23	P	P	11 14 56.1	+0.9
ANM	Nome	75.69	24	P	P	11 14 57.2	+1.4
ANM	Nome	75.69	24	P	P	11 14 57.0	+1.2
SDPT	Sand Point	75.87	34	P	P	11 14 57.5	+0.6
L14K	Kulka Creek	76.01	28	P	P	11 14 58.2	+0.6
N14K	Kuskokwak Cree	76.16	30	P	P	11 14 59.1	+0.7
M14K	Bethel	76.21	29	P	P	11 14 59.5	+0.7
O14K	Tiguykauivert M	76.22	30	P	P	11 14 59.3	+0.4
CHNA	Chernabura Isl	76.28	35	P	P	11 14 59.9	+0.6
F15K	North Star Dit	76.32	23	P	P	11 15 00.1	+0.8
G15K	Niukuk	76.37	24	P	P	11 15 00.7	+1.1
L15K	Ungalak Mounta	76.64	28	P	P	11 15 02.3	+1.1
K15K	Wolf Creek Mou	76.76	27	P	P	11 15 03.1	+1.2
M15K	Kasigliuk River	76.81	29	P	P	11 15 03.5	+1.3
C16K	Lisburne Hills	76.84	21	P	P	11 15 03.7	+1.5
C16K	Lisburne Hills	76.84	21	P	P	11 15 03.3	+1.2
O15K	Ungalikthiuk R	76.93	31	P	P	11 15 04.2	+1.3
N15K	Kwethluk River	76.99	30	P	P	11 15 04.4	+1.2
H16K	Elim	77.02	25	P	P	11 15 04.4	+1.2
G16K	Koyuk River	77.16	24	P	P	11 15 04.9	+0.9
J16K	Anvik River	77.40	26	P	P	11 15 06.5	+1.0
D17K	Noatak River	77.48	22	P	P	11 15 06.7	+0.9
I17K	Unalakleet	77.49	26	P	P	11 15 06.5	+0.6
L16K	Owath River	77.59	28	P	P	11 15 07.4	+0.9
RDOG	Red Dog Mine	77.64	21	P	P	11 15 07.7	+1.0
C17K	DeLong Mountai	77.66	21	P	P	11 15 07.9	+1.1
N16K	Nishilik Lake	77.69	29	P	P	11 15 08.1	+0.9
M16K	Timber Creek	77.70	29	P	P	11 15 08.1	+0.9
E17K	Hotham Inlet	77.79	22	P	P	11 15 09.1	+1.6
R16K	Pilot Point	77.83	32	P	P	11 15 09.1	+1.3
P16K	Nushagak River	77.84	31	P	P	11 15 08.2	+0.3
F17K	Baldwin Pennin	77.86	23	P	P	11 15 08.9	+1.0
G17K	Kiwalik Mounta	77.87	24	P	P	11 15 09.5	+1.5
O16K	Kokwok River B	77.88	30	P	P	11 15 09.0	+0.8
H17K	Granite Mounta	78.05	25	P	P	11 15 10.9	+1.8
J17K	VABM Dome	78.10	26	P	P	11 15 11.1	+1.8
L17K	Donlin	78.22	28	P	P	11 15 11.2	+1.2
K17K	Iditarod	78.32	27	P	P	11 15 11.7	+1.2
E18K	Tukpahlearik C	78.33	22	I	Amb	11 15 13.2	
E18K	Tukpahlearik C	78.33	22	P	P	11 15 12.1	+1.5
O17K	Koliganek Bris	78.41	30	P	P	11 15 12.0	+0.9
C18K	Utukok River	78.41	21	I	Amb	11 15 12.9	
N17K	Nushagak Hills	78.48	29	P	P	11 15 12.5	+1.0
R17L	Mt. Peulig Vol	78.48	32	P	P	11 15 12.2	+0.6
M17K	Holitna River	78.49	29	P	P	11 15 12.6	+1.0
F18K	Selawik	78.52	23	P	P	11 15 12.7	+1.2
P17K	Kvichak River	78.65	31	P	P	11 15 13.4	+1.0
CHIR	Chirikof Islan	78.66	34	P	P	11 15 12.4	-0.1
H18K	Honhosa River	78.74	25	P	P	11 15 13.3	+0.4
G18K	Tagagawik	78.77	24	P	P	11 15 14.0	+1.0
Q17K	Contact Creek	78.81	32	P	P	11 15 13.9	+0.4
A19K	Wainwright	78.84	19	P	P	11 15 14.7	+1.5
L18K	Granite Mounta	78.97	28	P	P	11 15 15.3	+1.2
C19K	Lookout Ridge	79.09	21	I	Amb	11 15 17.7	
C19K	Lookout Ridge	79.09	21	P	P	11 15 16.2	+1.5
N18K	Klae Creek	79.13	29	P	P	11 15 16.6	+1.5
J18K	Innoko River	79.16	26	P	P	11 15 16.7	+1.6
M18K	Stony River	79.27	29	P	P	11 15 17.3	+1.5
GCSA	Galena City Sc	79.29	25	P	P	11 15 17.0	+1.3
F19K	Shalercuck Mo	79.29	23	P	P	11 15 17.1	+1.3
P18K	Big Mountain,	79.29	31	P	P	11 15 17.0	+1.0
O18K	Koktuh Hills	79.36	30	P	P	11 15 16.1	-0.2
O18K	Koktuh Hills	79.36	30	P	P	11 15 18.4	
O18K	Koktuh Hills	79.36	30	P	P	11 15 17.6	+1.3
G19K	Purcell Mounta	79.44	24	P	P	11 15 17.7	+1.1
D19K	Kuna River	79.48	21	I	Amb	11 15 18.3	+1.5
D19K	Kuna River	79.48	21	P	P	11 15 18.3	+1.5
SII	Sitkinak Islan	79.54	34	P	P	11 15 17.8	+0.4
H19K	Roundabout Mou	79.60	24	I	Amb	11 15 20.4	
H19K	Roundabout Mou	79.60	24	P	P	11 15 19.5	+2.1
E19K	Redstone River	79.61	22	I	Amb	11 15 20.9	
E19K	Redstone River	79.61	22	P	P	11 15 19.4	+1.8
J19K	Poorman	79.72	26	P	P	11 15 20.0	+1.9
L19K	White Mountain	79.82	28	P	P	11 15 20.3	+1.5

N19K	Bonanza Creek	79.83	29	P	P	11 15 20.6	+1.7
O19K	Port Alsworth	79.84	30	P	P	11 15 20.2	+1.4
Q19K	Cape Douglas,	80.06	31	P	P	11 15 20.7	+0.6
D20K	Etiivuk River	80.06	21	I	Amb	11 15 22.6	
D20K	Etiivuk River	80.06	21	P	P	11 15 21.4	+1.4
OHAK	Old Harbor	80.09	33	P	P	11 15 21.9	+1.6
B20K	Meade River	80.11	20	I	Amb	11 15 22.4	
B20K	Meade River	80.11	20	P	P	11 15 22.1	+2.0
E20K	Nig River	80.14	22	P	P	11 15 21.8	+1.4
H20K	Anotleneega Mo	80.24	25	P	P	11 15 22.8	+1.8
K20K	Telida	80.32	27	P	P	11 15 23.4	+2.0
P19K	Oil Pt	80.33	31	P	P	11 15 22.9	+1.4
J20K	Nowinta River	80.38	26	I	Amb	11 15 25.6	
J20K	Nowinta River	80.38	26	P	P	11 15 23.0	+1.3
KDAK	Kodiak Island	80.51	32	P	P	11 15 23.3	+0.8
A21K	Barrow	80.52	19	P	P	11 15 23.3	+1.0
M20K	Styx River	80.59	28	I	Amb	11 15 28.8	
M20K	Styx River	80.59	28	P	P	11 15 23.7	+0.6
Q20K	Shuyak Island	80.68	32	P	P	11 15 24.3	+0.9
CCD	Concordia, Ant	80.70	181	P	P	11 15 24.5	+0.8
CCD	Concordia, Ant	80.70	181	pP	pP	11 15 25.2	+1.3
C21K	Knifeflade Rid	80.79	21	P	P	11 15 25.2	+1.3
G21K	Allakaket	80.92	24	I	Amb	11 15 27.3	
G21K	Allakaket	80.92	24	P	P	11 15 25.4	+0.8
A22K	Sinclair Lake	81.00	19	P	P	11 15 26.4	+1.6
F21K	Alatna River	81.02	23	P	P	11 15 26.2	+1.2
H21K	Melozitna Rive	81.11	24	P	P	11 15 27.1	+1.5
PPLA	Purkeypile	81.12	27	P	P	11 15 26.5	+0.6
HOM	Homer	81.14	31	P	P	11 15 26.6	+0.8
CHUM	Lake Minchumin	81.15	26	P	P	11 15 27.0	+1.1
SKT	Skwentna	81.36	28	P	P	11 15 28.0	+1.0
I21K	Tanana	81.41	25	I	Amb	11 15 30.6	
I21K	Tanana	81.41	25	P	P	11 15 28.4	+1.3
B22K	Teshkepuk Lake	81.42	20	P	P	11 15 28.9	+1.9
D22K	Aiyikyak River	81.50	21	I	Amb	11 15 30.5	
D22K	Aiyikyak River	81.50	21	P	P	11 15 28.8	+1.2
BRSE	Bradley Lake S	81.60	31	P	P	11 15 29.1	+0.8
SUA	Susitna One	81.69	29	I	Amb	11 15 31.0	
SUA	Susitna One	81.69	29	P	P	11 15 29.6	+0.8
H22K	Ishtahla Cre	81.72	24	P	P	11 15 30.1	+1.2
BPAW	Bear Paw Mtn.	81.75	26	P	P	11 15 29.5	+0.5
G22K	Bettles	81.76	23	P	P	11 15 30.2	+1.3
MLY	Manley	81.92	25	P	P	11 15 31.0	+1.0
CUT	Chitina	81.97	28	P	P	11 15 31.5	+1.3
M22K	Willow	82.01	29	P	P	11 15 31.3	+1.0
TRF	Thorofare Moun	82.02	27	I	Amb	11 15 40.4	
TRF	Thorofare Moun	82.02	27	P	P	11 15 31.5	+0.9
O22K	Cooper Landing	82.14	30	P	P	11 15 32.2	+1.2
R001	Rabbit Creek A	82.16	29	P	P	11 15 32.2	+1.0
D23K	Nanushuk River	82.23	21	I	Amb	11 15 34.7	
D23K	Nanushuk River	82.23	21	P	P	11 15 32.8	+1.4
SEW	Seward	82.27	30	P	P	11 15 32.5	+0.8
COLD	Coldfoot	82.29	23	P	P	11 15 33.4	+1.7
C23K	Ikiliik River	82.32	20	P	P	11 15 33.3	+1.5
G23K	Bananza Creek	82.33	24	I	Amb	11 15 35.8	
G23K	Bananza Creek	82.33	24	P	P	11 15 33.3	+1.3
PMR	Palmer	82.47	29	P	P	11 15 33.8	+1.1
I23K	Minto, Yukon-K	82.52	25	I	Amb	11 15 37.0	
I23K	Minto, Yukon-K	82.52	25	P	P	11 15 34.2	+1.3
E23K	Chandalar	82.56	22	I	Amb	11 15 36.6	
E23K	Chandalar	82.56	22	P	P	11 15 35.0	+1.7
TOLK	Toolik Lake Re	82.61	22	I	Amb	11 15 36.4	
TOLK	Toolik Lake Re	82.61	22	P	P	11 15 35.5	+2.0
NEA2	Nerana	82.61	26	P	P	11 15 34.7	+1.2
MCK	McKinley	82.64	27	P	P	11 15 33.8	+0.1
MCK	McKinley	82.64	27	P	P	11 15 34.5	+0.8
RND	Reindeer	82.67	27	I	Amb	11 15 35.4	
WAT1	Susitna Watana	82.78	27	P	P	11 15 35.5	+1.1
KNK	Knik Glacier	82.79	29	P	P	11 15 35.5	+1.0
SML	Sawmill	82.86	28	P	P	11 15 35.8	+0.9
D24K	Happy Valley	82.91	21	P	P	11 15 36.8	+1.9
C24K	Franklin Bluff	82.98	20	P	P	11 15 36.7	+1.4
E24K	Your Creek	82.99	22	I	Amb	11 15 38.9	
E24K	Your Creek	82.99	22	P	P	11 15 37.4	+2.0
WRH	Wood River Hil	83.03	26	I	Amb	11 15 37.4	
COLA	College	83.15	25	P	P	11 15 37.2	+1.0
COLA	College	83.15	25	P	P	11 15 36.8	+0.6
M23K	Glacier View	83.15	29	P	P	11 15 37.2	+0.9
WAT6	Susitna Watana	83.15	28	P	P	11 15 37.4	+0.9
H24K	Noodor Dome	83.16	24	I	Amb	11 15 39.8	
H24K	Noodor Dome	83.16	24	P	P	11 15 38.0	+1.7
CCB	Clear Creek Bu	83.16	26	I	Amb	11 15 36.7	+0.4
CCB	Clear Creek Bu	83.16	26	P	P	11 15 38.8	
F24K	Squaw Lake	83.20	23	I	Amb	11 15 39.8	
F24K	Squaw Lake	83.20	23	P			

17d 11h

Table of seismic events with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes events like M30M Minto, Yukon, N30M Alshik Lake, BRTR Keskinn Array B, etc.

Table for event DJA 17 11:05:29.1±0.8, 111°S, 6°12'4E, h11km, 4km, M4.2/12, mB5.1/1, mb4.7/4, MLV3.9/12, Mw(mb)4.5/1, Timor region. Lists station codes and names like BATI Baumata, SOEI Soe, etc.

RSPR 17 11:13:53.7, 177.86N, 66.85W, h6km, MD3.0/5, NEIC 17 11:13:52.8±0.5, 177.80N, 66.85W, 0.01, h10km±1km, ML2.8/36, MD3.0/5 (RSPR), 10C, Error ellipse: s-maj=3.0km s-min=2.4km az=335.0, Puerto Rico region

Table of seismic events for Puerto Rico region, including stations like GBPR Guanica, Bosqu, CRPR Cabo Rojo, PR, etc.

2020 JAN

Table of seismic events for Puerto Rico region, including stations like ECPR comp=N, 332nm, 0.2s, ECPR Experimental S, AGPR Aguadilla, PR, etc.

RSPR 17 11:19:17.3, 177.47N, 66.87W, h7km, 2km, MD2.8/6, NEIC 17 11:19:15.7±0.6, 177.69N, 66.83W, 0.009, h10km±2km, ML2.9/36, MD2.8/6 (RSPR), 10C-1D, Error ellipse: s-maj=5.1km s-min=3.0km az=12.0, Puerto Rico region

Table of seismic events for Puerto Rico region, including stations like Code Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes events like GBPR Guanica, Bosqu, CRPR Cabo Rojo, PR, etc.

ICD 17 11:22:49.0±12.0, 135°S, 91°16'W, h0km, mb3.7/5, mbmp3.7/5, MS3.2/2, Error ellipse: s-maj=263.9km s-min=83.2km az=6.0, Galapagos Islands region

Table of seismic events for Galapagos Islands region, including stations like JTS Las Juntas de, TXAR Lajas Array, NVAR Mina Array, etc.

Table of seismic events for Colombia region, including stations like NEST Nestorio, NEST Nestorio, NEST Nestorio, etc.

IDC 17 11:44:01.4±0.9, 9.64S, 74.35W, h0km, mb3.7/6, mbmp3.7/10, ML3.5/4, Error ellipse: s-maj=25.4km s-min=14.2km az=43.0, Puerto Rico region

Table of seismic events for Colombia region, including stations like Code Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes events like NNA Nana, ATAH Atahualpa, etc.

RSCD 17 11:46:46.4±0.3, N1°7'47E, h3km±2km, M1.6, ML1.5, Colombia region

Table of seismic events for Colombia region, including stations like URMIC La Uribe, Meta, URMIC Prado, etc.

RSCN 17 11:46:47.0±0.5, N25°7'3W, 2°5, h85km±48km, ML1.6, Colombia region

Table of seismic events for Colombia region, including stations like BARC Barichara, CHIC Chingaza, CHIC Chingaza, etc.

SDD 17 11:55:22.8±1.8, 17.84N, 66.68W, h15km±229km, MD3.5, ML2.9, MW3.2, Presumed earthquake, NEIC 17 11:55:24.5±0.7, 17.93N, 66.67W, 0.01, h10km±1km, ML3.1/36, Error ellipse: s-maj=4.2km s-min=2.6km az=358.0

ISC 17 11:55:24.2±1.5, 17.91N, 66.67W, 0.04, h10km±13km, n19, ±0.67/23, 7C-2D, Puerto Rico region

Table of seismic events for Puerto Rico region, including stations like OBIP Obispado Ponce, CELP Cerrillos, CRPR Cabo Rojo, PR, etc.

Plg7.0000°, Azm155.0000°; N - 0.0008, Plg74.0000°, Azm39.0000°; P - 5.4909, Plg14.0000°, Azm247.0000°; ISC 17 12:52:17.0-0.8, 17.98N, 04:04:67.01W-0.2, h12km, 5km, n55, e070/72, mb3.5/3, 6C-4D, Mona Passage

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, ISC. Includes entries for Cabo Rojo, Guanica, Las Mesas, Puerto Rico Se, etc.

JMA 17 12:52:22.2-0.1, 43.0N, 0:5:145.4E, 0.6, h48km, MV2.8/37, OFF NEMURO PENINSULA

SKHL 17 12:52:23.4-0.1, 43.00N, 145.40E, h43km, 5km, mb4.2/3, ISC 17 12:52:22.0-2.5, 43.03N, 0:1:145.47E, 0.08, h46km, 16km, n13, e037/23, Hokkaido region

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, ISC. Includes entries for Kishirohimanak, Nemuro, Nemuro 2, etc.

IDC 17 12:59:36.8-1.0, 85.14N, 93.96E, h0km, mb3.4/7, mbmp3.5/9, ML3.8/2, MS3.1/19, Error ellipse: s-maj=29.1km s-min=18.2km az=124.0

FCIAR 17 12:59:40.0, 84.61N, 93.20E, h10km, station SVZ has station magnitude of 3.80 station ZF12 has station magnitude of 3.50 station OMEGA has station magnitude of 3.50

ISC 17 12:59:37.4-0.7, 85.04N, 0:08:92.58E, 0.07, h10km, n28, e257/17, mb3.5/6, MS3.0/17, 1C, North of Severnaya

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, ISC. Includes entries for Zelyma, Severnaya Zeml, ZF12, Omega, etc.

RSPR 17 13:03:07.7, 17.92N, 66.64W, h6km, NEIC 17 13:03:07.9-1.0, 17.94N, 0:03:66.33W, 0.0099, h10km, 1km, ML3.2/34, ML2.8(RSPR), 1C-4D, Error ellipse: s-maj=5.6km s-min=2.6km az=1.0, Puerto Rico region

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, ISC. Includes entries for Obispo Ponce, Cerrillos, etc.

JMA 17 12:52:22.2-0.1, 43.0N, 0:5:145.4E, 0.6, h48km, MV2.8/37, OFF NEMURO PENINSULA

SKHL 17 12:52:23.4-0.1, 43.00N, 145.40E, h43km, 5km, mb4.2/3, ISC 17 12:52:22.0-2.5, 43.03N, 0:1:145.47E, 0.08, h46km, 16km, n13, e037/23, Hokkaido region

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, ISC. Includes entries for Kishirohimanak, Nemuro, Nemuro 2, etc.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, ISC. Includes entries for AGPR, HUMP, Col San Antoni, etc.

BGSI 17 13:03:49.5-0.8, 26.97S, 27.51E, h51km, 27km, ML3.4, IDC 17 13:03:50.1-1.2, 26.41S, 27.47E, h0km, mb3.7/4, mbmp3.9/9, ML3.8/3, MS3.3/4, Error ellipse: s-maj=17.7km s-min=14.1km az=102.0

ISC 17 13:03:50.5-0.9, 26.37S, 0:05:27.41E, 0.08, h5km, n31, e191/32, mb3.8/3, MS3.3/3, South Africa

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, ISC. Includes entries for LBTB, BOSA, BOLA, etc.

GCG 17 13:31:29.2-2.3, 14.71N, 93.82W, h36km, 50km, MD4.4, ML4.2, Presumed earthquake

MEX 17 13:31:31.4-1.0, 14.78N, 93.74W, h17km, 99km, MD4.1, ISC 17 13:31:25.5-1.9, 14.72N, 0:06:93.83W, 0.03, h10km, 12km, n40, e242/58, Near coast of Chiapas

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time Res, ISC. Includes entries for PCIG, CARR, ARRI, etc.

17d 14h

Table with columns for station ID, name, elevation, date, time, and other parameters. Includes stations like G15K Niukluk, L18K Granite Mounta, F14K Arctic Creek, etc.

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Table with columns for station ID, name, elevation, date, time, and other parameters. Includes stations like I21K Tanana, I21K Tanana, H21K Melozitna River, etc.

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Table with columns for station ID, name, elevation, date, time, and other parameters. Includes stations like L26K Log Cabin Wild, G24K Hadweenc Riv, G24K Hadweenc Riv, etc.

Table with columns for station ID, name, time, and other details. Includes stations like N31M Braeburn, SIT Sitka, MAYO Mayo, J30M Hart River, etc.

Table with columns for station ID, name, time, and other details. Includes stations like YAK comp=N,4.0nm,1.4s, YAK comp=E,8.0nm,1.5s, etc.

Table with columns for station ID, name, time, and other details. Includes stations like NVAR comp=Z,4.0nm,0.8s, NVAR comp=Z,0.2nm,0.3s, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like SHLS, GOGA, JAY, DAV, HODGE, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like MNK, PPT2, TIAR, KRAI, PAE, etc.

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like KAPI, VRAC, ZVC, DRS, CTAO, etc.

17d 14h

Table with columns: BRTR, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Keskin Array B, Keskin Array B, Keskin Array B, etc.

RSRPR 17 14:18:06.3, 17.85N, 66.84W, h6km, MD2.4/10
NEIC 17 14:18:05.9, 0.5, 17.82N, 0.02, 66.84W, 0.01, h10km, 1km,
ML2.5/34, MD2.4/10(RSPR), 6C-4D, Error ellipse:
s-maj=3.9km s-min=2.6km az=5.0, Puerto Rico region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for GBPR, GBPR, GBPR, etc.

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Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for GCPR, GCPR, GCPR, etc.

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Table with columns: CMIG, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for Matias Romero, Lotabse, Arslanb, etc.

IDC 17 14:33:08.5, 3.7, 6.68S, 154.45E, h0km, mb3.3/2,
mbtmP3.4/2, Error ellipse: s-maj=168.0km
s-min=53.3km az=129.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for WRA, Warramunga Arr, ASAR, etc.

PGC 17 14:48:26.5, 8.5, 50.21N, 130.37W, h10km, MLSn3.0/18,
Mw3.6/18, 209km west of Port Alice, Bc Vancouver Island,
Canada Region

IDC 17 14:48:29.1, 1.9, 50.50N, 130.21W, h0km, mb3.5/2,
mbtmP3.3/7, ML3.2/5, MS2.9/3, Error ellipse: s-maj=28.1km
s-min=16.8km az=77.0

IDC 17 14:48:26.1, 2.1, 50.31N, 130.21W, h0.6, h14km, n38,
i158/38, Vancouver Island region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes entries for BBEP, Brooks Peninsula, PAH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like CNCH, LCND, MOM2, Mateare, Ciudad Sandino, Apoyeque, Apoyeque, El Sauce Leon, Telcor Managua, Cigeo UNAN, Laguna Tiscapa, Managua, El Ranchito, Pacayal, AI N del Volca, Aeropuerto Man, San Juan de Ri, Varillal2, San Rio San Ju, etc.

NNC 17 14:59:02.2, 9.37'02N, 69'59E, h0km, mb4.1, mpv3.9, Error ellipse: s-maj=41.4km s-min=22.8km az=155.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KK31 Karatay Array, UCH Uchtor, AAK Ala-Archa, AAK Ala-Archa, CHMS Chumysh, USP Oспенovka, TKM2 Tokmak 2, MK31 Makanchi Array, AB31 Akbulak array, AKTO Aktyubinsk, etc.

NEIC 17 15:02:45.7, 1.4, 24'61S, 0'06, 179'2W, 0.2, h450km, 18km, mb4.3/28, Error ellipse: s-maj=25.0km s-min=8.8km az=95.0

IDC 17 15:02:53.7, 11.0, 24'59S, 179'24E, h410km, 121km, mb3.6/6, mbtmp4.3/6, Error ellipse: s-maj=64.3km s-min=45.5km az=170.0

ISC 17 15:02:45.2, 0.9, 24'78S, 0'08, 179'2W, 0.1, h450km, n76, e2711/61, mb4.2/16, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like MSVF Nonnavs, NIUE Niue, OUZ Omahuta, WCZ Waitai Caves, KUZ Kuatoua, ETAZ East Tamaki Re, HAZ Te Kaha, WTAZ Waitatara, PKGZ Pakihoro, AWAZ Awahitu Peninsula, RUGZ Raukumara Rang, PUZ Puketiti, DZM Mouti Dzumac, TOZ Tahuroa Road, MWZ Matawai, URZ Urewera, RTZ Ruatahunu, TLZ Tolley Road, HIZ Hauri, BKZ Black Stump Fm, NGZ Ngaurohoe, BFZ Birch Farm, MRZ Mangatainoka R, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like ASAR Alice Springs, WRR Warramunga Arr, WRB Tennant Creek, WBO Warramunga Arr, WRA Warramunga Arr, WRT Forrest, MTN Mantion Dam, KNRA Kununurra, MBWA Marble Bar, MORW Morawa, MJAR Matsushiro Arr, YOJ Yonaguni jima, TXAR Lajitas Array, CMAR Chiang Mai Arr, BRTR Keskin Arr B, etc.

NEIC 17 15:13:17.3, 0.5, 17'97N, 0'02, 66'77W, 0'009, h10km, ML3.1/34, M3.0/7, (RSPR), Error ellipse: s-maj=4.1km s-min=1.6km az=174.0

RSPR 17 15:13:17.4, 0.7, 17'98N, 66'78W, h6km, M3.0/7, n32, e043/46, 8C-3D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like GBPR Guanica, Bosqu, OBIP Obispado Ponce, OBIP Obispado Ponce, CELP Cerrillos, UUPR Utuado, UPR, P, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, LSP Las Mesas, LSP Las Mesas, AOPR Arecibo Observ, AOPR Arecibo Observ, PRSN Puerto Rico Se, PRSN Puerto Rico Se, ECRP Experimental S, ECRP Experimental S, ECRP Esperanza - Ma, EMPP Esperanza - Ma, EMPP Esperanza - Ma, AGPR Aguardilla, PR, AGPR Aguardilla, PR, SJJG San Juan, SJJG San Juan, GPCR Guaynabo City, GPCR Guaynabo City, GPCR Guaynabo City, IDE Isla Desecho, IDE Isla Desecho, HUMP Col San Antoni, HUMP Col San Antoni, etc.

IDC 17 15:30:15.2, 2.0, 7'03S, 149'36E, h0km, mb3.4/3, mbtmp3.6/5, ML3.9/1, MS4.1/1, Error ellipse: s-maj=84.4km s-min=22.8km az=122.0

ISC 17 15:30:19.2, 0.7, 3S, 0.4, 149.7E, 0.5, h35km, n8, e088/7, mb3.2/3, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like PMG Port Moresby, PMG Port Moresby, PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, MJAR Matsushiro Arr, MKAR Makanchi Array, ILAR Eilean Array, TORO Torodi Ar, Be, etc.

az=112.0, DJA 17 15:37:04.2, 1.0, 14'N, 7'x12'0E, h167km, 8km, M4.4/28, mb4.4/28, mb5.0/5, Mw(Mb)4.3/5, ISC 17 15:36:54.3, 0.5, 13.21N, 0.05, 120'24E, 0.09, h35km, n93, e172/79, mb4.4/41, MS3.8/18, 1C, Mindoro

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like TGY Tagaytay City, KKM Kota Kinabalu, SBUM Sibau, APSI Ampana, LUWI Luwuk, LUWI Luwuk, JOW Kunigami, MMSI Mamuju, SANI Sanana, BBKI Banjar Baru, KRAI Karang Ratu, MSAI Masohi, NJ2 Nanjing, NJ2 Nanjing, NJ2 Nanjing, FAKI Fak Fak, FAKI Fak Fak, JSU Suzuyama, JSU Suzuyama, IPM Iphoh, KULM Kulim, KULM Kulim, KULM Kulim, KMMI Kallianget, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, DBNI Danbi, PZH PanZhihua, EDFI Ende, FLAI Plampang, SOEI Sawahan-Nganju, CD2 Chengdu, CD2 Chengdu, CD2 Chengdu, CD2 Chengdu, PSI Prapat, PSI Prapat, BATI Baumata, BATI Baumata, BATI Baumata, BATI Baumata, KLSI KLSI, MDSI MDSI, SMPI Sarmi, GUMO Guam, BBJI Bungbulang, KCSI Kotacane, Aceh, KASI Kota Agung, HNS HongShan, HNS HongShan, HNS HongShan, KRSR Korea Array, JAY Jayapura, BJ2 Beijing, BJ2 Beijing, BJ2 Beijing, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, LZH Lanzhou, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, BRDH Bariadhala, GAT2 Gaotal, GAT2 Gaotal, GAT2 Gaotal, WRAB Tennant Creek, WRAB Tennant Creek, etc.

17d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, ULN Ulanbaatar, SONM Songoing Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BORK Borovoye, CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: UCH, Uchtor, 3.06 322, Pn, 16 06 38.9 +0.6, etc. Includes stations like UCH Uchtor, TNSH Tian-Shan, MDOK Medeo, etc.

17d 16h

Table with columns: ID, Name, Elevation, Date, Time, Status, etc. Includes entries like G16K Koyuk River, D22K Aiyikay River, RES Resolute Bay, etc.

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Table with columns: ID, Name, Elevation, Date, Time, Status, etc. Includes entries like M16K Timber Creek, BPAW Bear Paw Mtn., INK Inuvik, etc.

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Table with columns: ID, Name, Elevation, Date, Time, Status, etc. Includes entries like J29N Klondike Camp, M23K Glacier View, RC01 Rabbit Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like T35M Bob Quinn, WRAK Wrangell Islan, U33K Whale Pass, etc.

17 16:06:19.7-2.3, 21.33S-177.88W, h0km, mb4.4/6, mbtmp3.6/6, ML3.6/4, Error ellipse: s-maj=58.8km s-min=28.8km az=41.0

17 16:07:18.3-1.3, 21.81S-02-179.0W, h0.2, h550km, n11, r125/11, mb4.1/6, Fiji Islands region

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

RSPR 17 16:16:09.2, 17.99N-66.79W, h15km, MD2.8/8, NEIC 17 16:16:09.7-1.2, 18.04N-0.02-66.796W, h0.0004, h10km, n1km, ML2.7/36, MD2.8/8(RSPR), 9C-3D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GBPR Guanica, Bosqu, CRPR Cabo Rojo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GCPR Guaynabo City, IDE Isla Desecheo, etc.

17 16:17:55.4-1.6, 32.76N-96.06E, h0km, mb3.3/2, mbtmp3.5/6, ML3.6/4, Error ellipse: s-maj=44.5km s-min=24.6km az=67.0

17 16:17:59.0-1.1, 32.38N-101.96E, h0.2, h26km, n6, n080/6, Qinghai

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

17 16:17:29.21-1.1, 3.1305N-120.38E, h0km, mb3.2/4, mbtmp3.2/4, Error ellipse: s-maj=29.5km s-min=19.7km az=99.0, Mindoro

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

17 16:31:32.2-3.3, 15.73N-98.37W, h0km, mb3.7/5, mbtmp3.6/7, ML3.6/2, MS3.6/2, Error ellipse: s-maj=62.8km s-min=20.0km az=3.0

MEX 17 16:33.0-0.9, 16.15N-98.41W, h3km, 7km, MD4.5, 17 16:31:34.4-1.4, 16.06N-100.48W, h0.03, h14km, g1km, n78, r250/133, mb3.5/5, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PNIG Pinotepa, CRIG Cruz Grande, etc.

17 16:35:32.0-1.0, 34.04N-22.10E, h0km, mb3.7/3, mbtmp3.7/5, ML3.8/2, Error ellipse: s-maj=183.0km s-min=45.6km az=42.0

17 16:35:48.2, 35.1N-12.2E, h67km, 19km, M3.2/27, ML3.2/27, ATH 17 16:35:50.8-0.7, 35.13N-23.29E, h23km, 4km, ML2.9/7, Manual Solution by N.Liadopoulos First location: 2020/01/17 16:37:11, This location: 2020/01/17 16:40:50

ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 4 km; Longitude uncertainty: 3 km

17 16:35:47.2-2.0, 34.97N-0.08, 23.08E, h0.06, h26km, 13km, n73, r1975/79, mb3.5/3, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like GVD Gavdhos, IMMV Iera Moni Meta, etc.

Table with columns: Name, Time, Date, and other identifiers. Includes entries like VRAC Vranov, MOTA Moosalm, CKRC Cesky Krumlov, etc.

Table with columns: Name, Time, Date, and other identifiers. Includes entries like AKASG Malin Array Si, AK04 Malin Array Si, AK21 Malin Array Si, etc.

Table with columns: Name, Time, Date, and other identifiers. Includes entries like TAM Tamnasset, TAM Tamnasset, PAB San Pablo, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DELO Deloro Mine, TASM Alsi Pad, F64A Sherman, etc.

ICD 17 17:58:26.0±1.7, 10.275x124.16E, h0km, mb3.6/1, mbmp3.4/4, ML3.2/3, Error ellipse: s-maj=36.6km s-min=17.1km az=23.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BATI Baumata, BATH Baunata, SOEI Soe, etc.

ICD 17 18:13:42.8±4.6, 22.622N-11.99W, h0km, mb3.3/2, mbmp3.3/2, MS3.2/1, Error ellipse: s-maj=250.0km s-min=104.2km az=139.0, Mauritania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I17C1 DIMBOKRO, I17C2 KESRA, etc.

TIR 17 18:14:15.8, 40°22'N-17°79'E, h9km, j1km, M12.5/6, THE 17 18:14:16.7, 40°14'N-14°2'0E: 1.5, h0km, j1km, M2.6/18, M12.6/18

ATH 17 18:14:16.0±0.3, 40°28'N-19°68'E, h10km, ML2.5/11, Manual Solution: N.Liadopoulos, First location: 2020/01/17 18:15:32, This location: 2020/07/06 05:03:56 ML Amplitudes are expressed in micrometers. All distances are expressed in degrees Latitude uncertainty: 2 km; Longitude uncertainty: 2 km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VLO Vlor, VLO Vlor, KEK Kerkira, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IGT Igomuenitsa, KBN KBN, KBN Korca, etc.

TEH 17 18:20:52.6±28.18N-52.67E, h9km, 23km, ML3.4, Presumed earthquake

OMAN 17 18:20:53.8±0.1, 28°18'N-52°67'E, h10km, mb3.1/3, m3.5/12, Error ellipse: s-maj=2.1km s-min=0.7km az=350.0

ISC 17 18:20:54.9±0.28, 16N±0.04, 52.68E±0.04, h15km, n39, 1928/47, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QIR1 Qir, KHL1 Khalil Fars, LMD1 Lamerd, etc.

ICD 17 18:23:58.9±3.1, 36°20'N-70°94'E, h170km±29km, mb3.6/20, mbmp4.2/4, Error ellipse: s-maj=18.6km s-min=10.4km az=37.0

MOS 17 18:24:01.2±0.9, 36°51'N-70°91'E, h192km, mb4.0/12, Error ellipse: s-maj=10.4km s-min=5.4km az=78.5

NEIC 17 18:24:03.0±1.9, 36°56'N-70°84'E±0.07, h195km±4km, mb4.1/35, Error ellipse: s-maj=9.2km s-min=7.6km az=121.0

NMC 17 18:24:06.9±6.3, 36°96'N-70°91'E, h210km±69km, mb3.3, mpv4.2, Error ellipse: s-maj=64.0km s-min=40.5km az=179.0

ISC 17 18:24:01.4±0.5, 36°45'N±0.04, 71°01'E±0.04, h188km±4km, n143, 1988/163, mb4.0/38, 10C-4D, Afghanistan-Tajikistan border region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MANEM Manem, MANEM Kabul, KBL Kabul, etc.

ICD 17 18:24:03.0±1.9, 36°56'N-70°84'E±0.07, h195km±4km, mb4.1/35, Error ellipse: s-maj=9.2km s-min=7.6km az=121.0

NMC 17 18:24:06.9±6.3, 36°96'N-70°91'E, h210km±69km, mb3.3, mpv4.2, Error ellipse: s-maj=64.0km s-min=40.5km az=179.0

ISC 17 18:24:01.4±0.5, 36°45'N±0.04, 71°01'E±0.04, h188km±4km, n143, 1988/163, mb4.0/38, 10C-4D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BVAR Borovoye Array, BORK Borovoye, AKTO Aktyubinsk, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like LSA, ZAAO, ZALV, ZALV, ARTI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like 130M, BOSA, BOSA, BOSA, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like FORT, MKAR, MKAR, MKAR, etc.

TRN 17:18:34.48.5, 14.88N-60.58W, h51km, MD4.0, 1C, East of Martinique, Windward Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ILAM, ILAM, SVN, etc.

RSRP 17:18:42.03.3, 17.83N-66.91W, h4km, MD2.8/7 NEIC 17:18:42.04.2±1.7, 17.88N±0.04, 66.894W±0.005, h10km±1km, ML2/7.38, MD2.8/7(RSPR), 5C-7D, Error ellipse: s-maj=6.2km s-min=2.8km az=50, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GBPR, GBPR, GBPR, etc.

Table with columns: PRSN, Station Name, Time, Res, and various parameters. Includes stations like Puerto Rico Sev, Arcicibo Observ, Aguadilla, PR, etc.

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

Table with columns: SMY, Shemya, 8.75, 80, Pn, Pn, 18 57 20.6, -0.8, etc. Includes stations like Amchitka, Kure, etc.

Table with columns: MK31, Makanchi Array, 48.46, 296, P, P, 19 03 54.4, -1.4, etc. Includes stations like Makanchi Array, etc.

MOS 17 18:55:14.8, 1.4, 51.92N, 159.96E, h33km, mb4.3/16, Error ellipse: s-maj=9.3km s-min=4.3km az=105.5

KRSC 17 18:55:15.6, 1.0, 52.03N, 159.91E, h41km, 17km, M4.4

NEIC 17 18:55:17.3, 2.4, 52.19N, 159.07E, 159.78E, 10.0, 0.9, h32km, 5km, mb4.1/44, Error ellipse: s-maj=12.1km s-min=5.0km az=215.0

IDC 17 18:55:23.8, 1.9, 52.26N, 159.42E, h82km, 13km, mb6.3/24, mbtmp4.0/26, MS3.7/1, Error ellipse: s-maj=18.3km s-min=14.1km az=123.0

ISC 17 18:55:17.6, 0.8, 52.07N, 159.84E, 0.05, h42km, 8km, n178, e19/183, mb4.0/51, 1C-10D, Off east coast of Kamchatka Peninsula

IDC 17 18:57:28.3, 1.0, 3.32S, 130.62E, h0km, mb3.8/7, mbtmp3.8/10, ML3.6/3, MS3.1/6, Error ellipse: s-maj=42.4km s-min=17.5km az=79.0

NEIC 17 18:57:28.3, 1.2, 3.26S, 130.66E, 0.05, h10km, 1km, mb4.3/4, Error ellipse: s-maj=8.5km s-min=8.5km az=293.0

DJA 17 18:57:31.6, 0.5, 3.2S, 131.1E, h14km, 4km, M4.0/18, mB5.1/2, mb4.3/7, MLV3.9/18, Mw(mB)4.5/2, MwMwp5.2/1, Mwp5.5/1

ISC 17 18:57:30.8, 0.5, 3.28S, 130.62E, 0.04, h31km, n69, e192/73, mb4.0/11, Seram

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

ellipse: s-maj=12.4km s-min=5.6km az=107.6
NEIC 17 19:01:22.4;1.3,52;15N,0.09;159;8E,0.1,4.7km,11km,
mb4.1/9,Error ellipse: s-maj=17.6km s-min=3.9km
az=135.0
IDC 17 19:01:26.1;4.2,52;23N,159;65E,h75km,28km,mb3.5/13,
mbmp3.8/13,Error ellipse: s-maj=40.7km s-min=20.2km
az=104.0
ISC 17 19:01:22.7;0.7,52;10N,0.06;159.75E,0.06,h50km,n73,
t1504/73,mb4.0/18,Off east coast of Kamchatka

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like DRK Karamyk, NIL Nilore, BTK Batken, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists stations under Peninsula Kamchatka, including RUS Russkaya, SPN Mys Shipunski, etc.

IDC 17 19:08:19.8;3.2,36;34N,70;86E,h171km,28km,mb3.7/18,
mbmp4.2/23,MS3.7/1,Error ellipse: s-maj=19.6km
s-min=11.9km az=39.0
MOS 17 19:08:20.7;1.0,36;49N,70;90E,h188km,mb2.1/15,Error
ellipse: s-maj=9.1km s-min=4.8km az=83.7
NEIC 17 19:08:21.7;2.0,36;54N,0.05;70.7E,0.07,h186km,6km,
mb4.3/46,Error ellipse: s-maj=8.8km s-min=7.5km
az=112.0
NWC 17 19:08:26.2;3.4,36;95N,70;75E,h193km,28km,mb3.4,
mpv4.1,Error ellipse: s-maj=33.0km s-min=20.4km az=3.0
ISC 17 19:08:27.0;5.36;47N,0.04;70.87E,0.04,h182km,5km,
n169,t1547/188,mb4.2/43,8C-12D,Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Lists stations like MANEM Manem, KBL Kabul, KBL Kabul, etc.

Table with columns: BRTR, RAR, QSPA, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes station names like Keskin Array B, Rarotonga, South Pole Qui, Warramunga Arr, Alice Springs, Maknanchi Array.

IDC 17 19:33:22.2, 1.6, 3.27S, 130.80E, h0km, mb3.8/2, mbtmp3.6/4, ML3.3/2, MS2.0/1, Error ellipse: s-maj=58.1km s-min=21.4km az=88.0, Seram

NEIC 17 19:40:07.1, 1.4, 1.786N, 0.07:66:83W, 0.03, h25km, 9km, ML3.7/42, Md3.5(S/SPR), Mw3.3/5(SLM), Error ellipse: s-maj=10.6km s-min=4.6km az=176.0

NEIC 17 19:40:07.1, 1.7, 90N:66:85W, h18km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm, Mir:0.0;

RSPR 17 19:40:09.0, 17.91N:66:85W, h15km, MD3.5/5, OSPL 17 19:40:08.9, 0.3, 17.90N:66:85W, h18km, 3km, ML3.2, Presumed earthquake

Main table for station 1177, listing station names, coordinates, and seismic data for various events.

KRSC 17 19:41:04.4, 1.2, 52.03N:159.94E, h49km, 18km, M4.4, MOS 17 19:41:07.0, 1.0, 52.12N:159.78E, h53km, mb4.4/4, Error ellipse: s-maj=10.3km s-min=4.7km az=103.9

mbtmp3.9/18, MS3.2/11, Error ellipse: s-maj=23.3km s-min=17.2km az=119.0, ISC 17 19:41:04.0, 0.6, 51.94N:0.04:159.84E, 0.05, h21km, 3km, n96, c125/99, mb3.8/19, MS3.4/8, 3C-2D, Off east coast of Karamats Peninsula

Main table for station 2020 JAN, listing station names, coordinates, and seismic data for various events.

Main table for station 17d 19h, listing station names, coordinates, and seismic data for various events.

IDC 17 19:48:10.5, 1.0, 17.89N:66:80W, h0km, mb3.9/5, mbtmp3.9/6, ML3.0/1, Error ellipse: s-maj=25.2km s-min=9.5km az=164.0

NEIC 17 19:48:11.7, 0.6, 17.98N:0.03:66:75W, 0.01, h18km, 1km, mb4.3/7, ML4.3/42, Mw3.9/24, ML3.7/9(S/SPR), Mw3.3/15(SLM), Error ellipse: s-maj=4.0km s-min=1.5km az=184.0, Moment Tensor Solution. Moment tensor: Scale 10^14Nm, Mir:0.0;

RSPR 17 19:48:12.9, 18.00N:66:76W, h11km, MD3.5/9, PTWC 17 19:48:12.8, 0.3, 17.98N:66:75W, h14km, 4km, ML3.7, Presumed earthquake

OSPL 17 19:48:12.8, 0.3, 17.98N:66:75W, h14km, 4km, ML3.7, Presumed earthquake

RSPR 17 19:48:12.9, 18.00N:66:76W, h11km, MD3.5/9, PTWC 17 19:48:12.8, 0.3, 17.98N:66:75W, h14km, 4km, ML3.7, Presumed earthquake

NEIC 17 19:48:11.7, 0.6, 17.98N:66:75W, h19km, SDD 17 19:48:12.8, 0.3, 17.98N:66:75W, h20km, 17km, MD4.0, ML4.0, MW4.0, Presumed earthquake

OSPL 17 19:48:12.8, 0.3, 17.98N:66:75W, h14km, 4km, ML3.7, Presumed earthquake

RSPR 17 19:48:12.9, 18.00N:66:76W, h11km, MD3.5/9, PTWC 17 19:48:12.8, 0.3, 17.98N:66:75W, h14km, 4km, ML3.7, Presumed earthquake

NEIC 17 19:48:11.4, 0.7, 17.97N:0.03:66.76W, 0.02, h19km, 2km, n96, c153/137, mb4.2/9, 3C-12D, Puerto Rico region

Main table for station 17d 19h, listing station names, coordinates, and seismic data for various events.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Cabo Rojo, PR; Esperanza - Ma; Aguadilla, PR; and others.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Nuevo Mundo; Santo Domingo; Lajas Array; and others.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Palmar; Kantishtna Hill; Kantishtna Hill; and others.

SCRK	baz=241,SNR=161	S	Sn	20 06 43.6	-0.5
L26K	baz=241	2.22	84	20 06 18.7	+0.5
L26K	comp=N,1um,0.3s	IAML	Pn	20 06 51.8	
L26K	comp=E,1um,0.7s	IAML	Pn	20 07 05.1	
L26K	Log Cabin Wild	2.22	84	20 06 19.1	+0.9
POKR	baz=288,SNR=517	2.27	8	20 06 19.4	+0.6
POKR	Poker Plat Res	2.27	8	20 06 19.5	+0.7
POKR	baz=188,SNR=217	S	Sn	20 06 45.4	-0.4
I23K	Minto, Yukon-K	2.33	348	20 06 20.3	+0.7
I23K	comp=N,2um,0.9s	IAML	Pn	20 06 49.1	
I23K	comp=E,816nm,1.0s	IAML	Pn	20 06 49.1	
I23K	Minto, Yukon-K	2.33	348	20 06 20.4	+0.8
I23K	baz=166	S	Sn	20 06 47.8	+0.5
SPCG	Spurr Capps Gl	2.40	230	20 06 21.7	+1.0
M26K	Nabesna, AK	2.45	99	20 06 21.3	+0.1
M26K	comp=E,823nm,0.6s	IAML	Pn	20 07 04.1	
M26K	comp=N,902nm,0.7s	IAML	Pn	20 07 04.3	
M26K	Nabesna, AK	2.45	99	20 06 21.4	+0.1
SPU	Mount Spurr	2.49	228	20 06 23.2	+1.4
M20K	Styx River	2.50	249	20 06 23.0	+1.0
M20K	comp=N,1um,0.3s	IAML	Pn	20 06 58.0	
M20K	Styx River	2.50	249	20 06 23.1	+1.0
O22K	Cooper Landing	2.52	197	20 06 22.7	+0.6
O22K	Cooper Landing	2.52	197	20 06 22.0	-0.1
GLB	Gilahina Butte	2.52	123	20 06 22.4	+0.2
GLB	comp=N,707nm,0.9s	IAML	Pn	20 07 05.8	
GLB	comp=E,704nm,0.7s	IAML	Pn	20 07 08.0	
SPCR	Spurr Chakacha	2.53	230	20 06 23.3	+0.9
SPBG	Spurr Blockage	2.55	232	20 06 25.2	+2.6
BMRM	Bremner River	2.57	137	20 06 22.2	-0.6
BMRM	comp=E,2um,1.0s	IAML	Pn	20 07 02.5	
BMRM	Bremner River	2.57	137	20 06 22.5	-0.3
BMRM	baz=320,SNR=24	S	Sn	20 06 52.4	-0.7
SLKM	Skilak Lake	2.57	203	20 06 22.9	+0.1
SLKM	comp=N,1um,0.8s	IAML	Pn	20 07 04.4	
EYAK	Cordova Ski Ar	2.62	152	20 06 23.4	0.0
EYAK	comp=E,1um,0.7s	IAML	Pn	20 07 04.9	
EYAK	Cordova Ski Ar	2.62	152	20 06 23.7	+0.3
EYAK	Cordova Ski Ar	2.62	152	20 06 23.6	+0.1
HIN	Hinchinbrook I	2.62	161	20 06 23.4	-0.2
J26L	Joseph Creek	2.63	50	20 06 24.4	+0.7
J26L	comp=N,1um,0.4s	IAML	Pn	20 06 56.8	
J26L	Joseph Creek	2.63	50	20 06 24.5	+0.7
J26L	baz=233,SNR=159	S	Sn	20 06 54.3	-0.3
K20K	Telida	2.71	283	20 06 25.3	+0.6
K20K	Telida	2.71	283	20 06 25.5	+0.8
K20K	baz=98,SNR=58	S	Sn	20 06 56.0	-0.4
VRDI	Verde Repeater	2.79	124	20 06 25.7	-0.2
I21K	Tanana	2.84	326	20 06 27.3	+0.8
I21K	comp=N,684nm,1.0s	IAML	Pn	20 07 02.1	
I21K	comp=E,539nm,1.0s	IAML	Pn	20 07 06.0	
I21K	Tanana	2.84	326	20 06 27.5	+1.0
I21K	baz=142,SNR=79	S	Sn	20 06 59.4	-0.2
SEW	Seward	2.85	193	20 06 27.3	+0.7
SEW	comp=E,805nm,1.0s	IAML	Pn	20 07 10.4	
SEW	comp=N,774nm,1.2s	IAML	Pn	20 07 11.2	
SEW	Seward	2.85	193	20 06 27.7	+1.1
MCARA	McCarthy VSAT	2.86	119	20 06 27.2	+0.5
MCARA	comp=E,990nm,0.8s	IAML	Pn	20 07 21.4	
MCARA	McCarthy VSAT	2.86	119	20 06 27.5	+0.8
PRP	Porcupine Dome	2.89	23	20 06 28.1	+0.7
PRP	comp=N,651nm,0.6s	IAML	Pn	20 07 04.6	
PRP	Porcupine Dome	2.89	23	20 06 28.2	+0.9
PRP	baz=204	S	Sn	20 07 00.5	-0.6
L27K	Beaver Creek,	2.92	84	20 06 27.6	0.0
L27K	Beaver Creek,	2.92	84	20 06 27.6	0.0
P23K	Montague Islan	2.92	172	20 06 27.6	+0.1
P23K	Montague Islan	2.92	172	20 07 14.7	
P23K	comp=E,1um,0.7s	IAML	Pn	20 07 15.1	
P23K	comp=N,1um,0.6s	IAML	Pn	20 06 27.8	+0.2
BCAR	Beaver Creek A	2.94	84	20 06 27.7	-0.1
J20K	Nowinta River	2.96	299	20 06 29.0	+0.9
J20K	comp=N,538nm,0.8s	IAML	Pn	20 07 04.7	
J20K	comp=N,600nm,0.8s	IAML	Pn	20 07 06.8	
J20K	Nowinta River	2.96	299	20 06 29.0	+0.9
J20K	baz=113	S	Sn	20 07 02.6	+0.1
M27K	Edge Creek, AK	2.97	97	20 06 29.0	+0.6
M27K	Edge Creek, AK	2.97	97	20 06 29.0	+0.6
H24K	Noodor Dome	2.97	3	20 06 29.3	+1.0
H24K	Noodor Dome	2.97	3	20 07 03.0	
H24K	comp=N,453nm,0.7s	IAML	Pn	20 06 29.2	+1.0
H24K	Noodor Dome	2.97	3	20 07 02.4	-0.4
L19K	White Mountain	3.16	260	20 06 31.4	+0.6
L19K	baz=182	S	Sn	20 07 10.1	
L19K	comp=N,1um,0.9s	IAML	Pn	20 06 31.5	+0.6
L19K	White Mountain	3.16	260	20 07 09.0	+1.5
RDJH	Redoubt Jeurge	3.17	226	20 06 32.4	+1.2
CROM	Cirque	3.21	129	20 06 31.3	-0.4
CROE	Cirque	3.23	129	20 06 31.5	-0.4
CROE	baz=314,SNR=35	S	Sn	20 07 07.9	-1.4
RED	Redoubt Volcan	3.29	223	20 06 34.0	+1.2
RED	comp=E,848nm,1.2s	IAML	Pn	20 07 18.5	
RED	comp=N,542nm,1.0s	IAML	Pn	20 07 18.5	
H22K	Ishlaltina Cre	3.32	337	20 06 33.9	+0.9
H22K	Ishlaltina Cre	3.32	337	20 06 34.0	+0.9
TGL	Tana Glacier	3.32	128	20 06 32.5	-0.7
I20K	Naagdeneel	3.38	307	20 06 34.5	+0.8
I20K	Naagdeneel	3.38	307	20 06 34.8	+1.1
I20K	baz=122,SNR=19	S	Sn	20 07 12.6	0.0
BRSE	Bradley Lake S	3.38	202	20 06 34.6	+0.7
BRSE	Bradley Lake S	3.38	202	20 06 34.5	+0.6

BRLK	Bradley Lake	3.38	204	20 06 34.6	+0.7
BRLK	comp=N,449nm,0.6s	IAML	Pn	20 07 25.4	
BRLK	comp=E,610nm,0.8s	IAML	Pn	20 07 26.9	
BVCY	Beaver Creek	3.42	95	20 06 34.7	+0.2
H21K	Meloztina Rive	3.43	326	20 06 35.4	+0.9
H21K	Meloztina Rive	3.43	326	20 06 35.4	+0.9
GRIN	Grindle Hills	3.50	136	20 06 35.4	0.0
J19K	Poorman	3.51	292	20 06 36.6	+1.0
J19K	comp=N,352nm,1.0s	IAML	Pn	20 07 19.6	
J19K	Poorman	3.51	292	20 06 36.6	+1.0
J19K	baz=105,SNR=230	S	Sn	20 07 16.1	+0.2
SUCK	Suckling Hills	3.53	141	20 06 35.9	+0.1
SUCK	comp=E,820nm,1.4s	IAML	Pn	20 07 43.0	
WAX	Waxell Ridge	3.53	131	20 06 35.4	-0.5
O23K	Middleton Isla	3.58	165	20 06 36.8	+0.3
BARN	Barnard Glacier	3.59	118	20 06 37.4	+0.6
BARN	comp=N,624nm,0.9s	IAML	Pn	20 07 43.3	
BARN	comp=E,396nm,0.8s	IAML	Pn	20 07 44.6	
ISLE	Juniper Island	3.61	127	20 06 36.0	-1.0
ISLE	comp=E,676nm,0.7s	IAML	Pn	20 07 43.6	
ISLE	comp=N,771nm,1.4s	IAML	Pn	20 07 48.6	
N19K	Bonanza Creek	3.63	238	20 06 38.0	+0.8
N19K	comp=E,298nm,1.2s	IAML	Pn	20 07 40.6	
N19K	comp=N,403nm,1.0s	IAML	Pn	20 07 40.7	
N19K	Bonanza Creek	3.63	238	20 06 38.7	+1.4
HOM	Home	3.64	209	20 06 39.0	+1.7
HOM	Home	3.64	209	20 06 38.1	+0.8
BGLC	Bering Glacier	3.64	137	20 06 37.9	+0.6
BGLC	Bering Glacier	3.64	137	20 06 37.7	+0.4
CNPM	China Point	3.67	205	20 06 38.1	+0.3
CNPM	comp=E,579nm,1.0s	IAML	Pn	20 07 32.8	
CNPM	comp=N,524nm,0.7s	IAML	Pn	20 07 35.0	
IVE	Iliamna Volcan	3.69	221	20 06 39.0	+0.9
GRNC	Granite Creek	3.74	122	20 06 38.3	-0.7
GRNC	comp=N,358nm,1.1s	IAML	Pn	20 07 49.9	
ILS	Iliamna Low So	3.75	221	20 06 40.2	+1.3
ILSW	Iliamna Southw	3.75	221	20 06 39.9	+0.9
ILSW	comp=E,459nm,0.9s	IAML	Pn	20 07 34.0	
ILSW	comp=N,343nm,0.8s	IAML	Pn	20 07 34.3	
CTG	China Glacier	3.77	118	20 06 39.5	+0.2
CTGM	China Glacier	3.77	118	20 06 39.5	+0.2
CTGM	comp=N,395nm,1.2s	IAML	Pn	20 07 50.4	
YUK3	Moose Creek	3.78	104	20 06 40.0	+0.6
M18K	Sto River	3.83	252	20 06 40.8	+0.8
G24K	Hadweenzic Riv	3.85	4	20 06 41.0	+0.9
G24K	Hadweenzic Riv	3.85	4	20 07 37.7	
G24K	comp=N,301nm,1.1s	IAML	Pn	20 06 41.0	+0.9
J18K	Innoko River	3.90	282	20 06 41.8	+0.9
J18K	Innoko River	3.90	282	20 06 41.9	+0.9
FYU	Fort Yukon	3.91	18	20 07 41.0	
FYU	comp=N,253nm,1.2s	IAML	Pn	20 07 41.8	
G23K	Bananza Creek	3.92	349	20 06 42.2	+1.0
G23K	Bananza Creek	3.92	349	20 06 42.2	+1.0
H20K	Anotleneega Mo	3.92	315	20 06 42.3	+1.1
I27K	Kandik River	3.97	44	20 06 42.6	+0.8
I27K	Kandik River	3.97	44	20 07 30.2	
I27K	comp=E,523nm,0.8s	IAML	Pn	20 07 49.7	
I27K	Kandik River	3.97	44	20 06 42.5	+0.7
O19K	Port Aisworth	3.98	230	20 07 42.4	
O19K	comp=N,477nm,0.5s	IAML	Pn	20 07 44.6	
O19K	Port Aisworth	3.98	230	20 06 42.4	+0.5
L18K	Granite Mounta	3.98	264	20 06 42.1	+0.1
L18K	comp=N,234nm,1.0s	IAML	Pn	20 07 38.1	
L18K	Granite Mounta	3.98	264	20 06 42.5	+0.5
LOGN	Logan Glacier	3.99	118	20 06 42.2	0.0
LOGN	Logan Glacier	3.99	118	20 07 57.1	
LOGN	comp=N,252nm,1.1s	IAML	Pn	20 07 57.1	
MESA	Mesa	4.04	129	20 06 42.5	-0.5
MESA	Mesa	4.04	129	20 07 46.4	
MESA	comp=E,456nm,0.9s	IAML	Pn	20 08 00.3	
P19K	Oil Pt	4.05	219	20 06 44.4	+1.5
P19K	Oil Pt	4.05	219	20 06 43.9	+1.0
DAWY	Dawson	4.13	69	20 06 44.0	0.0
DAWY	Dawson	4.13	69	20 06 44.3	+0.3
TABL	Table Mountain	4.16	123	20 06 43.6	-1.1
TABL	Table Mountain	4.16	123	20 07 51.6	
TABL	comp=N,223nm,0.8s	IAML	Pn	20 08 00.4	
TABL	comp=E,198nm,1.2s	IAML	Pn	20 08 00.3	

17d 20h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like H29M Whitestone, M16K Timber Creek, KARR Katmai Rainbow, etc.

2020 JAN

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like C27K Jago River, SII Sitkinak Island, J14K Nanvaranak Lak, etc.

1180

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like J05D Fort Rock, BPMT Black Pine Rid, FCC Pearl Lake, etc.

Additional information including station identifiers, coordinates, and technical notes for the 1180 section.

Table with columns: YKA, Yellowknife Ar, 19.58 347 P, 21 12 26.5 +0.3, comp=E, 0.1nm, 0.3s, baze=167, slow=12, SNR=4.6

Table with columns: ARCES ARCESS Array B, 61.48 18 P, 21 18 15.7 +0.9, comp=E, 0.2nm, 1.1s, baze=325, slow=7.7, SNR=3.9

Table with columns: IDC 17-21:25:39.8, 313.0, 21.03N, 67.20W, h0km, Error ellipse: s-maj=283.3km s-min=119.2km az=131.0, North Atlantic Ocean

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

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

Table with columns: ANWB Willy Bob, 0.13 258 J/P, 21 28 05.2 +1.1, comp=N, 0.2nm, 0.5s, baze=17, slow=12, SNR=1.7

Table with columns: IDC 17-21:32:56.0, 4.0, 9.51, 74N, 175.41W, h0km, mb3.7/8, mbmp3.7/10, ML3.5/2, MS2.7/3, Error ellipse: s-maj=31.3km s-min=17.7km az=161.0

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

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

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

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

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

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

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

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

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

Table with columns: BOSA Boshof, 152.37 319 PKPbc PKIKP, 21 52 47.8 0.0, comp=N, 0.5s, baze=21, slow=1.1, SNR=8.8

Table with columns: SJA 17-21:36:31.8, 0.6, 22.51S, 66.18W, h286km, 5km, ML3.9, MW4.0

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: YHB, comp=E, 1.17nm, 1.7s, IAML, 21 55 18.2

Table with columns: BOZ Bozeman (W), 3.60 268, 21 54 00.0 +0.5, comp=E, 2.6nm, 3.0s, IAML

Table with columns: BOZ, comp=E, 1.8nm, 0.7s, 3.62 256, 21 54 00.6 +0.8, Pn

Table with columns: QLMT Earthquake Lak, 3.62 256, 21 54 02.0 +2.0, Pn

Table with columns: LOHW, comp=E, 1.6nm, 4.7s, IAML, 21 55 07.1

Table with columns: BW06 Boulder Array, 3.76 217, 21 54 02.7 +0.9, Pn

Table with columns: PD31 Pinedale Array, 3.76 217, 21 54 03.2 +1.5, Pn

Table with columns: PDAR, comp=E, 3.1nm, 0.3s, baze=43, slow=19, SNR=22, 21 54 09.7 0.0, Pn

Table with columns: PDAR, comp=E, 1.2nm, 0.3s, baze=42, slow=25, SNR=6.4, 21 54 54.4, Lg

Table with columns: PDAR Pinedale Array, 3.76 217, 21 54 03.7 +1.9, Pn

Table with columns: LRM Limekiln Ridge, 4.16 272, 21 54 07.7 +0.4, Pn

Table with columns: DLMT Dillon, 4.31 266, 21 54 08.2 -1.0, Pn

Table with columns: DWUT Hartwood Ranch, 5.58 223, 21 54 25.7 -1.1, Pn

Table with columns: JMTT Jette, 5.69 293, 21 54 28.4 +0.3, Pn

Table with columns: P18A Preston Nutter, 6.77 205, 21 54 44.4 +0.1, Pn

Table with columns: Station Name, Time, Res, ISC, h, m, s, Res, ISC. Includes stations like S/JG San Juan, AGPR Aguadilla, AGPR Aguadilla, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, Res, ISC. Includes stations like TX31 Lajitas Ar. Si, ECSD EROS Data Cent, PB12 IROC Station P, etc.

NOU 17 22:39:16.4, 10.33S:161.33E, h18km, MLv4.9/16, Solomon Islands
IDC 17 22:39:18.4-9, 10.24S:161.35E, h94km, 43km, mb4.0/13, mbmp4.3/15, MS3.0/7, Error ellipse: s-maj=25.8km

Table with columns: Station Name, Time, Res, ISC, h, m, s, Res, ISC. Includes stations like HURO Huro Makira, HURO Huro Makira, ALBEG Alibegoei, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, Res, ISC. Includes stations like USRK Ussuriysk Ar., VNSA Vanda, HILR Hailu Array B, ULN Ulanbaatar, etc.

NEIC 17 22:43:48.4, 1.1, 17.87N:0.03:66.94W:0.01, h10km, 1km, ML2.6/38, Md2.9/(RSPR), Error ellipse: s-maj=5.3km

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, Res, ISC. Includes stations like GBPR Guanica, Bosqu, GBPR Guanica, Bosqu, GBPR Magueyes Islan, etc.

18d Oh

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Guaynabo City, Col San Antoni, Loma Pena Alta.

IDC 17 22:50:12.4, 7.18, 125x177.97W, h537km, 81km, mb3.4/8, mbmp4.3/8, Error ellipse: s-maj=38.5km s-min=26.8km az=84.0

ISC 17 22:50:17.0, 1.2, 181.5, 102x178.1W, 0.2, h590km, n11, c058/13, mb3.8/8, Fiji Islands region

Main table for 18d Oh stations, including WRA, ASAR, SJUI, FITZ, GSPA, PETK, ILAR, CMAR, BRTR, MMAI, GERES.

NNC 17 22:59:45.0, 0.2, 43.21N, 77.80E, h0km, mpv2.6, Error ellipse: s-maj=2.7km s-min=1.2km az=175.0

KRNET 17 22:59:45.3, 0.1, 43.21N, 77.81E, h20km, mb2.4

SOME 17 22:59:46.0, 43.20N, 77.78E, h15km

Main table for 18d Oh stations, including KURS, SATY, KOTS, TNSN, KPKS, PRZ, UZB, IZV, KTBS, ARXS, MTBS, SHLS, KST, TARG, DGS.

2020 JAN

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ULHL, KNOS, BOOM, KRBS, TKM2, DJR, KBK.

IDC 17 23:06:8.3, 5.26, 105x67.26W, h0km, mb3.7/2, mbmp3.8/3, ML3.8/1, Error ellipse: s-maj=77.6km s-min=57.0km az=48.0

SJA 17 23:23:35.2, 0.7, 24.04S, 66.84W, h231km, 5km, ML3.6, MW3.6

GUC 17 23:23:38.9, 0.6, 24.01S, 67.51W, h268km, 7km, ML3.7

ISC 17 23:37:1.0, 9.2, 23.98S, 0.04, 66.91W, 0.05, h213km, 8km, n38, c138/68, 4C, Juyuy Province

Main table for 2020 JAN stations, including SALTA, SLA, FSA, GO02, PB06, AC02, PATCX, TORO, MKAR.

KRNET 17 23:45:46.3, 0.1, 39.73N, 75.75E, h15km, mb2.5, 18C-16D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JNKS, NRN, SFK.

1184

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SFK, SALK, SALK, ARLS, TARG, TARG, KDJ, UCH, BOOM, BOOM.

RSPR 17 23:51:32.0, 17.88N, 66.84W, h13km, MD2.8/6

NEIC 17 23:51:31.2, 1.3, 17.83N, 0.03, 66.84W, 0.01, h10km, 1km, ML2.6/38, MD2.8/6(RSPR), 1C-8D, Error ellipse: s-maj=5.5km s-min=2.7km az=349.0, Puerto Rico region

Main table for 1184 stations, including GBPR, OBIP, CRPR, PRSN, EMPR, SJK, PDRP, IDE, HUMP, HUMP, HUMP, CRPR, EMPR, AOPR, PRSN, CRPR, EMPR, AOPR.

SDD 18 00:03:19.7, 0.6, 17.97N, 66.79W, h17km, 9km, MD3.0, ML2.3, MW2.7, Presumed earthquake

RSPR 18 00:03:19.7, 17.98N, 66.80W, h14km, MD2.5/9

ISC 18 00:03:18.0, 1.1, 17.95N, 0.06, 66.79W, 0.03, h24km, 7km, n18, c046/36, 14C-8D, Puerto Rico region

Main table for 1184 stations, including GBPR, OBIP, CRPR, PRSN, EMPR, AOPR, PRSN, CRPR, EMPR, AOPR.

18d 1h

2020 JAN

1186

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like KAPI Kappang, KHKI Kahang-Kahang, DNP Denpasar, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like EATA Eleskirt, VAYK Vayk, VAYK Vayk, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like AKT Karlova-Bingo, DLMR Dylm, DLMR Dylm, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like KARAD, ZAK, TLY, IRK, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like USP, EKSZ, KBL, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like MZWR, MZR, MZR, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like QSPA South Pole Qui, EDFI Ende Flores, and many others.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MPK Maris Peak, MTPC Mountain Pass, and many others.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like ATAH Athualpa, BJ12 Beijing, and many others.

18d 2h

Table with columns for station name, frequency, mode, and other parameters. Includes stations like NPLP New Delhi, KKR Kurukshetra, CGRH CHANDIGARH, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like NACGM Naroch, AKASG Malin Array Be, AKKB Malin Array Si, etc.

Table with columns for station name, frequency, mode, and other parameters. Includes stations like FINES FINES Array B, NC303 NORSAR Array S, NB2 NORSAR Subarray T, etc.

1194

18C 18:02:16.30.7.2.1.29.915:175.88W,h0km,mb4.0/2, mbmp4.0,3,ML3.2/1, Error ellipse: s-maj=47.4km s-min=33.7km az=133.0

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RAO Raoul Island, RAO Raoul Island, URZ Urewera, etc.

18C 18:02:16.36.6.1.4.29.85:0.1x175.9W:0.1,h35km,n7, i167/9, Kermadec Islands region

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TGy Tagaytay City, DAV Davao City (W), CMAR Chiang Mai, etc.

18C 18:02:16.37.6.0.8.13.31N:120.55E:0.1,h35km,n20, i107/21,mb4.3/12,Mindoro

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

18C 18:02:14.45.1.0.29.58S:175.99W,h0km,mb4.2/6, mbmp4.2/7,ML3.1/1, Error ellipse: s-maj=44.0km s-min=19.9km az=157.0

18C 18:02:12.48.0.2.6.29.45:0.1x176.25W:0.0,h28km,n35, i118/37,mb4.5/15, Kermadec Islands region

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

18C 18:02:18.08.6.0.7.17.92N:66.83W,h11km,MD2.6/13, NEIC 18:02:18.08.6.0.7.17.93N:0.05:66.826W:0.006, h10km,n1,ML2.6/36,MD2.6/13(RSPR),9C-4D, Error ellipse: s-maj=8.8km s-min=2.5km az=184.0, Puerto Rico region

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GBPR Guanica, Bosqu, GBPR Guanica, Bosqu, MLPR Magueyes Islan, etc.

18d 2h

Table with columns: Station Name, Location, Time, Magnitude, Quality, and other parameters. Includes stations like HNS HongShan, C09A Chrisman Ranch, ATAH Atahualpa, etc.

2020 JAN

Table with columns: Station Name, Location, Time, Magnitude, Quality, and other parameters. Includes stations like NEUR Neytrino, VSU Vasula, NC405 NORSAR Array S, etc.

1196

Table with columns: Station Name, Location, Time, Magnitude, Quality, and other parameters. Includes stations like AOPR Arecibo Observ, AOPR Las Mesas, AOPR Experimental S, etc.

CATAC 18 02:27:36.7±0.4, 13°N, 2°x9°0W±, h24km, 2km, M3.5/2.6, MLV3.5/2.6, Error ellipse: s-maj=5.0km s-min=2.6km az=207, confirmed

SNET 18 02:27:36.1±1.8, 13.393N:90.10W, h48km, ML3.4, Presumed earthquake

GCG 18 02:27:37.6±1.5, 13.434N:90.08W, h37km, 80km, MD4.0, ML4.1, MW3.5, Presumed earthquake

ISC 18 02:27:37.7±1.3, 13.400N:0.04°89.93W, 0.03, h23km, 14km, n53, i<107/87, El Salvador

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and other parameters. Includes stations like FAME Alcala de Sa, CEVE Cerro Verde, etc.

RSRP 18 02:26:29.3, 17°30'N:66°70'W, h6km, MD2.6/1.1, NEIC 18 02:26:29.1±0.6, 17.88N:0.03°66.70W, 0.01, h10km, 1km, ML2.7/3.8, MD2.6/1.1 (RSRP), 6C-7D, Error ellipse: s-maj=5.3km s-min=2.6km az=348.0, Puerto Rico region

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

Table with columns: IDE, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Isla Desecheo, Experimental S, Esperanza - Ma, etc.

SOME 18 04:47:20.9, 41.12N, 83.40E, h10km
NCC 18 04:47:22.7, 41.24N, 83.41E, h15km, 12km, mb3.5,
mpv3.1, Error ellipse: s-maj=17.8km s-min=14.5km
az=179.0

ISC 18 04:47:23.8, 3.3, 41.22N, 0.1, 83.2E, 0.1, h10km, n18,
s-maj=2.07, 4C-3D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ketmen, Guanica, Bosqu, Maguayos Islan, etc.

RSPR 18 05:16:48.6, 18.00N, 66.75W, h10km, 1km, MD2.6/11
NEIC 18 05:16:48.3, 1.3, 17.98N, 0.03, 66.73W, 0.01, h10km, n18,
ML2.8/36, MD2.7/11 (RSPR), 11C-1D, Error ellipse:
s-maj=4.2km s-min=2.5km az=357.0, Puerto Rico
region

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

Table with columns: AOPR, Arcobio Observ, Las Mesas, Puerto Rico Se, Esperanza - Ma, etc.

RSPR 18 05:51:39.6, 17.87N, 66.83W, h6km, MD2.8/12
NEIC 18 05:51:39.0, 0.8, 17.83N, 0.03, 66.82W, 0.01, h10km, n18,
ML2.9/38, MD2.8/12 (RSPR), 7C-6D, Error ellipse:
s-maj=4.9km s-min=2.7km az=6.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Guanica, Bosqu, Maguayos Islan, Obispo Ponce, Cabo Rojo, PR, etc.

IDC 18 05:52:35.9, 1.9, 0.97N, -127.09E, h0km, mb3.5/4,
mbtmp3.5/4, MS3.1/1, Error ellipse: s-maj=184.8km
s-min=22.4km az=67.0, Halmahera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Bati, Wra, Asar, Mkar, etc.

KURBB Kurchatov Arra 64.25 328 P P 06 03 13.7 +0.8
0.2nm, 0.3s, baz=136, slow=5.5, SNR=3.1
0.2nm, 0.3s

CATAC 18 05:54:37.0, 0.3, 15.12N, 8.77W, h3km, 1km, MA, 1/20,
ML14, 1/20, Error ellipse: s-maj=5.0km s-min=2.2km
az=31.0, confirmed
SNET 18 05:54:38.9, 4.0, 14.93N, 86.81W, h6km, ML3.6,
Presumed earthquake
ISC 18 05:54:35.0, 1.6, 14.96N, 0.05, 86.76W, 0.03, h0km, 12km,
n33, r151/58, Honduras

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Yush, Yucarcan, Varilla2, AI S de San Ju, etc.

RSPR 18 05:59:39.1, 17.97N, 66.80W, h9km, 1km, MD2.9/9
NEIC 18 05:59:38.7, 1.1, 17.95N, 0.04, 66.776W, 0.005,
h10km, n18, ML2.4/36, MD2.9/9 (RSPR), 9C, Error ellipse:
s-maj=6.4km s-min=2.5km az=356.0, Puerto Rico
region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Obispo Ponce, Cerrillos, Cabo Rojo, PR, Esperanza - Ma, etc.

AUST 18 06:02:25.5, 0.4, 29.5S, 3.3E, h10km, mb3.6/3,
ML2.2/3, Error ellipse: s-maj=7.5km s-min=5.0km
az=135.7, Western Australia

18d 7h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRKA, MEEK, MULG.

TRN 18 06:13:22.8, 10.82N, 62.45W, h10km, MD3.2, North of the Paria peninsula.
FUNV 18 06:13:29.2, 10.34N, 62.91W, h5km, MW3.0, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DMDM, PSKH, TRN, PCRV, BENV.

NEIC 18 06:18:27.5±1.1, 17.85N, 0.03-66.836W, 0.008, h10km, 1km, ML3.0/36, MD2.9/12(RSPR), Error ellipse: s-maj=5.0km s-min=2.8km az=5.0
RSPR 18 06:18:28.4, 17.91N, 66.85W, h13km, MD2.9/12

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CRPR, CELP, LSP, UUPR, PRSN.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRSN, AOPR, ECPR, ECPR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ECPR, EMPR, EMPR, EMPR.

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

GCMT 18 06:34:58.0±0.4, 17.57S, 0.02-176.47W, 0.02, h17km, 1km, MW4.8/87, Moment Tensor Solution. s11, c11; s87, t106; Duration: 0 Moment tensor: Scale 1016 Nm; Mr=0.32±12; Mw=1.49±11; Ms=1.81±11; Mro=0.52±27; Mwo=0.84±09; Mx=0.00±23; Best double couple: Mo=1.93900x1016 NP1=330.00000°, 875.00000°, -1.69.00000°. NP2=237.00000°, 879.00000°, -1.15.00000°. Principal axes: T 2.0190, P193.0000, Azm284.0000°; N 4.1570, P167.1000, Azm23.0000°; P 1.8600, P18.0000, Azm193.0000°; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM, PPT2, PPT2, TAOE.

ISN 18 06:35:18.4±1.4, 33.06N, 46.81E, h7km, 2km, ML3.3
TEH 18 06:35:18.8, 33.13N, 46.81E, h13km, 31km, ML3.4, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IBDR, IBDR, IBDR, KCHP, CLGT, IGHG.

2020 JAN

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IDHR, IBZA, SNQR, BHD, BHD.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IALM, AMIS, HAGD, IKRK, IKRK, IKRK.

SDD 18 06:59:10.8±1.3, 17.92N, 66.60W, h12km, 781km, MD3.8, ML4.0, MW4.3, Presumed earthquake
IDC 18 06:59:11.3±1.0, 17.90N, 66.65W, h0km, mb3.7/8, mbmp3.7/8, ML2.7/1, MS3.3/8, Error ellipse: s-maj=22.8km s-min=8.3km az=156.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PTWC, NEIC, OSPL, RSPR, NEIC.

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

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

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

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

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

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

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

1200

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

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

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

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

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

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

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

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

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

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

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

18d 12h

HUMP Col San Antoni 0.89 83j eP Psg 11 28 50.0 -2.0
HUMP Isla Desecheo 0.92 304 eS Sg 11 29 00.3 -3.3

RSPR 18 11:39:37.2, 17.94N, 66.72W, h8km, 1km, MD2.8/12
NEIC 18 11:39:36.9, 0.8, 17.93N, 0.003, 66.710W, 0.005,

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like OBIP, GBPR, CELP, UPRR, etc.

RSPR 18 11:46:46.6, 17.99N, 66.70W, h7km, MD2.8/4
NEIC 18 11:46:44.9, 1.7, 17.97N, 0.003, 66.678W, 0.009,

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like OBIP, GBPR, CELP, UPRR, etc.

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HUMP Isla Desecheo 0.92 304 eS Sg 11 27 13.6 +0.8
IDE Isla Desecheo 0.92 304 eP Sg 11 27 14.2 -0.3

NAO 18 11:55:41.1, 0.6, 73.57N, 77.71E, h10km, ML2.5
BER 18 11:55:45.1, 3.1, 73.57N, 77.88E, h26km, 19km, Mw3.9,

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like BJO1, BEAR, HSPB, BRBA, etc.

1206

PRSN Puerto Rico Se 0.42 297 IAML 12 09 45.3
PRSN comp=N,2j,m,0.3s IAML 12 09 45.4

PRSN comp=N,1j,m,0.2s 0.42 297j eP Sg 12 09 36.8 -0.6
PRSN comp=N,1j,m,0.2s 0.42 297j eP Sg 12 09 43.1 +0.1

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

PGC 18 12:11:55.0, 1.8, 49.08N, 129.54W, h10km, MLSn3.2/23,
Mw3.8/23, 209km southwest of Port Alice, Bc Vancouver

IDC 18 12:11:57.2, 2.2, 49.29N, 129.10W, h0km, mb3.5/2,
mbtm3.1/9, ML3.3/4, MS1.7/1, Error ellipse: s-maj=36.6km

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

TORD Torodi Ar. Bea 166.14 266 PKP PKPdf 13 01 54.6 0.0
comp=Z,0.9nm,1.2s,baz=111,slow=0.0,SNR=2.0
TORD comp=Z,2.2nm,0.8s,baz=131,slow=3.9,SNR=9.1

ISN 18 12:55:22.6:0.9,34.54N:45.45E,h14km,25km,ML2.9
TEH 18 12:55:22.34:56N:45.51E,h8km,32km,ML2.8,
Presumed earthquake
ISC 18 12:55:22.6:1.1,34.55N:0.04:45.48E:0.04,h14km,17km,
n8,0.06/13,Iran-Iraq border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Gilan-e-Gharb, Dehrash, Ilam Banvizeh, Kirkuk, etc.

TEH 18 12:56:44.8,34.57N:45.56E,h8km,ML2.8, Presumed earthquake
ISN 18 12:56:46.0:0.6,34.57N:45.53E,h18km,21km,ML2.7
ISC 18 12:56:45.2:1.2,34.57N:0.04:45.54E:0.03,h10km,22km,
n8,0.07/13,Iran-Iraq border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Gilan-e-Gharb, Dehrash, Ilam Banvizeh, etc.

NEIC 18 13:29:08.6:0.9,17.888N:0.006:66.66W:0.01,
h10km,1km,ML3.2/3,Md3.0/8(RSPR),Error ellipse:
s-maj=2.7km s-min=2.0km az=2.0
SDD 18 13:29:09.3:1.2,17.89N:66.66W,h20km,18km,Md3.6,
ML3.0, MV3.5, Presumed earthquake
RSPR 18 13:29:09.2:1.7,17.89N:66.66W,h6km,Md3.0/8
ISC 18 13:29:09.0:1.0,17.93N:0.05:66.65W:0.02,h13km,6km,
n35,0.08/5,10C-9D,Puerto Rico region

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Esperanza - Ma, San Juan, etc.

comp=N,39nm,1.9s
IDC 18 13:45:11.8:10.0,29.18N:138.94E,h434km,83km,
mb2.7/5,mbtmp3.5/6, Error ellipse: s-maj=239.1km
s-min=24.6km az=70.0
ISC 18 13:45:13.0:4.7,29.22N:0.5x13.9E:1,h450km,n6,0.05/53/6,
mb3.0/5,Southeast of Honshu

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KRSR, SONM, ZALV, MKAR, WRA, BVAR, etc.

SDD 18 13:50:58.7:0.8,17.92N:66.95W,h19km,5km,Md3.4,
ML2.7, MV3.0, Presumed earthquake
NEIC 18 13:50:58.2:1.1,17.88N:0.03:66.94W:0.01,h10km,1km,
ML2.7/36,Md2.6/9(RSPR), Error ellipse: s-maj=5.8km
s-min=2.5km az=7.0
RSPR 18 13:50:58.4:1.7,17.91N:66.94W,h12km,Md2.6/9
ISC 18 13:50:56.8:1.2,17.87N:0.06:66.93W:0.02,h18km,3km,
n33,0.09/39/63,14C-7D,Puerto Rico region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GBPR, Guanica, Cabo Rojo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WAKE ISLAND, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AGPR, ECPR, EMPR, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LYUB, LAY, ECL, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LYUB, LAY, ECL, etc.

ELDTW Lidau 1.33 328 eP Pg 13 57 25.5 -1.0
TWFI Yuli 1.37 341 eP Pn 13 57 25.7 -1.2
YULB Yu-li 1.41 341 P Pn 13 57 26.5 -0.9

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like YULB, HGSD, HUNGU, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KRSR, MJAR, CMAR, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ASAJ, SONM, WAKE ISLAND, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WRA, KURBB, ASAR, BVAR, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SHIZU, SMST, HEN, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MNK, AKASG, OBNSK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BVAR, EGMF, BILL, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YSS, FURI, HHC, etc.

KOLA 18:14:32:05.3, 67°36'N, 33°33'E, hokm, ML1.1, Error ellipse: s-maj=3.9km, s-min=1.9km, az=130.0, Khibiny, mines

Table with columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like APA, APAT, etc.

HEL 18:14:32:15.9, 0.2, 67°34'N, 20°17'E, hokm, ML1.5, Suspected explosion, Sweden

Table with columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like LANU, KIF, etc.

IDC 18:14:40:08.9, 6.5, 17°52'S, 178°74'W, h468km, 75km, mb3, 4/11, mbtmp4, 2/11, Error ellipse: s-maj=28.0km, s-min=17.8km, az=58.0

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MNK, MEZ, BZS, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like D25K, E24K, YKA, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MTN, SANI, SANS, etc.

18d 16h

Table with columns for station code, name, frequency, and other details. Includes stations like PLAI Plampang, BKBJ Balikpapan, TARAI Tarakan, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like SSLB Suanglung, SSLB Suanglung, MGCD Mangrove Creek, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like MORW Morawa, MORW Morawa, KLI Kotabumi, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like MORW Morawa, MORW Morawa, KLI Kotabumi, etc.

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Table with columns for station code, name, frequency, and other details. Includes stations like MORW Morawa, MORW Morawa, KLI Kotabumi, etc.

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1216

1219

P17K	Kvichak River	79.50	28	IAMS_20	IAMS_20	17 20 39.7
P17K	Kvichak River	79.50	28	P	P	16 50 15.9 +0.7
J16K	Anvik River	79.51	23	IAMB	IAMB	16 50 18.9
J16K	Anvik River	79.51	23	IAMS_20	IAMS_20	17 21 47.4
J16K	Anvik River	79.51	23	P	P	16 50 16.6 +1.5
H16K	Elim	79.54	22	P	P	16 50 16.7 +1.4
SII	Sitkinak Island	79.59	31	P	P	16 50 18.4 +2.6
SII	Sitkinak Island	79.59	31	P	P	16 50 17.7 +1.9
N17K	Nushagak Hills	79.71	27	IAMB	IAMB	16 50 20.0
N17K	Nushagak Hills	79.71	27	P	P	16 50 18.5 +2.1
I17K	Unalakleet	79.76	23	IAMB	IAMB	16 50 34.0
I17K	Unalakleet	79.76	23	IAMS_20	IAMS_20	17 20 11.0
I17K	Unalakleet	79.76	23	P	P	16 50 18.6 +2.1
BORK	Borovoye	79.86	325	P	IAMB	16 50 17.4 0.0
BORK	Borovoye	79.86	325	P	IAMB	16 50 20.0
BORK	Borovoye	79.86	325	pP	pP	16 50 15.8 -1.6
BORK	Borovoye	79.86	325	sP	sP	16 50 31.0 +0.1
G16K	Koyuk River	79.88	21	IAMB	IAMB	16 50 20.9
G16K	Koyuk River	79.88	21	IAMS_20	IAMS_20	17 24 26.0
G16K	Koyuk River	79.88	21	P	P	16 50 19.1 +2.0
L17K	Donlin	79.92	25	P	P	16 50 19.5 +2.1
M17K	Holittna River	79.97	26	IAMB	IAMB	16 50 22.1
M17K	Holittna River	79.97	26	IAMS_20	IAMS_20	17 19 56.9
M17K	Holittna River	79.97	26	P	P	16 50 19.8 +2.0
NR1K	Noril'sk	80.03	344	P	P	16 50 18.5 +0.6
NR1K	Noril'sk	80.03	344	LR	LR	17 25 17.9
NR1K	Noril'sk	80.03	344	IAMB	IAMB	16 50 36.9
TAOE	Nuku Hiva Isla	80.12	98	eP	P	16 50 20.7 +1.0
TAOE	Nuku Hiva Isla	80.12	98	eS	S	17 00 15.7 -5.9
TAOE	Nuku Hiva Isla	80.12	98	eSS	SS	17 05 30.9 -2.1
TAOE	Nuku Hiva Isla	80.12	98	eLQ	LQ	17 12 05.6
TAOE	Nuku Hiva Isla	80.12	98	eLR	LR	17 15 16.9
P18K	Big Mountain	80.15	28	IAMS_20	IAMS_20	17 21 21.9
P18K	Big Mountain	80.15	28	P	P	16 50 19.9 +1.1
J17K	VABM Dome	80.17	24	IAMB	IAMB	16 50 22.4
J17K	VABM Dome	80.17	24	IAMS_20	IAMS_20	17 21 12.9
J17K	VABM Dome	80.17	24	P	P	16 50 20.2 +1.4
J17K	VABM Dome	80.17	24	P	P	16 50 20.1 +1.3
OHAK	Old Harbor	80.29	31	IAMB	IAMB	16 50 23.0
OHAK	Old Harbor	80.29	31	P	P	16 50 22.4 +2.9
OHAK	Old Harbor	80.29	31	P	P	16 50 21.5 +1.9
O18K	Koktuh Hills	80.34	28	IAMS_20	IAMS_20	17 21 48.9
O18K	Koktuh Hills	80.34	28	P	P	16 50 21.5 +1.7
N18K	Kilae Creek	80.36	27	P	P	16 50 21.4 +1.5
C16K	Lisburne Hills	80.41	18	P	P	16 50 21.5 +1.5
G17K	Kiwalik Mouta	80.55	21	P	P	16 50 22.1 +1.3
H17K	Granite Mouta	80.56	22	IAMB	IAMB	16 50 24.3
H17K	Granite Mouta	80.56	22	IAMS_20	IAMS_20	17 20 47.1
H17K	Granite Mouta	80.56	22	P	P	16 50 22.6 +1.8
L18K	Granite Mouta	80.64	25	IAMB	IAMB	16 50 24.8
L18K	Granite Mouta	80.64	25	IAMS_20	IAMS_20	17 21 12.5
NGCH	Negor - Chabakh	80.64	296	P	P	16 50 23.4 +1.2
M18K	Stony River	80.71	26	P	P	16 50 23.1 +1.3
F17K	Baldwin Pennin	80.80	20	P	P	16 50 23.4 +1.3
D17K	Noatak River	80.82	19	P	P	16 50 23.7 +1.5
KDAK	Kodiak Island	80.85	30	LR	LR	17 23 02.4
KDAK	Kodiak Island	80.85	30	P	P	16 50 23.6 +1.1
KDAK	Kodiak Island	80.85	30	IAMB	IAMB	16 50 34.4
KDAK	Kodiak Island	80.85	30	P	P	16 50 24.3 +1.8
O19K	Port Alsworth	80.89	28	IAMS_20	IAMS_20	17 22 37.2
O19K	Port Alsworth	80.89	28	P	P	16 50 24.2 +1.6
E17K	Hotham Inlet	80.92	20	P	P	16 50 24.0 +1.3
N19K	Bonanza Creek	81.05	27	IAMB	IAMB	16 50 26.7
N19K	Bonanza Creek	81.05	27	IAMS_20	IAMS_20	17 23 24.4
N19K	Bonanza Creek	81.05	27	P	P	16 50 24.6 +1.0
RDGK	Red Dog Mine	81.06	19	IAMB	IAMB	16 50 43.0
RDGK	Red Dog Mine	81.06	19	P	P	16 50 24.7 +1.2
J18K	Innoko River	81.15	24	P	P	16 50 25.1 +1.0
P19K	Oil Pt	81.19	28	IAMB	IAMB	16 50 41.6
P19K	Oil Pt	81.19	28	P	P	16 50 25.2 +0.8
C17K	DeLong Mountai	81.20	18	P	P	16 50 24.9 +0.6
H18K	Honhosa River	81.24	22	IAMS_20	IAMS_20	17 22 02.1
H18K	Honhosa River	81.24	22	P	P	16 50 25.2 +0.7
L19K	White Mountain	81.41	26	IAMB	IAMB	16 50 28.0
L19K	White Mountain	81.41	26	IAMS_20	IAMS_20	17 20 40.0
L19K	White Mountain	81.41	26	P	P	16 50 26.6 +1.1
F18K	Selawik	81.44	21	P	P	16 50 26.4 +1.0
G18K	Tagagawik	81.47	21	P	P	16 50 26.2 +0.5
G18K	Tagagawik	81.47	21	IAMS_20	IAMS_20	17 21 17.1
G18K	Tagagawik	81.47	21	P	P	16 50 26.2 +0.5
GCSA	Galena City Sc	81.63	23	P	P	16 50 27.2 +0.8
J19K	Poorman	81.81	24	IAMB	IAMB	16 50 30.7
J19K	Poorman	81.81	24	P	P	16 50 28.8 +1.3
JLN	Jalan Bani Buh	81.82	293	P	P	16 50 28.5 +0.1
JLN	Jalan Bani Buh	81.82	293	P	P	16 50 28.5 +0.1
C18K	Utukok River	81.91	19	P	P	16 50 28.8 +0.7

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M20K	Styx River	82.05	26	IAMB	IAMB	16 50 31.9
M20K	Styx River	82.05	26	IAMS_20	IAMS_20	17 21 11.8
M20K	Styx River	82.05	26	P	P	16 50 30.0 +1.0
H19K	Roundabout Mou	82.13	22	IAMB	IAMB	16 50 32.3
H19K	Roundabout Mou	82.13	22	IAMS_20	IAMS_20	17 22 17.5
H19K	Roundabout Mou	82.13	22	P	P	16 50 30.4 +1.3
G19K	Purcell Mouta	82.15	22	IAMS_20	IAMS_20	17 22 10.3
G19K	Purcell Mouta	82.15	22	P	P	16 50 30.3 +1.0
K20K	Telida	82.20	25	IAMB	IAMB	16 50 32.9
K20K	Telida	82.20	25	IAMS_20	IAMS_20	17 22 29.6
K20K	Telida	82.20	25	P	P	16 50 31.0 +1.4
F19K	Shalercuk Mo	82.21	21	IAMS_20	IAMS_20	17 20 56.6
F19K	Shalercuk Mo	82.21	21	P	P	16 50 31.0 +1.4
SPCR	Spurr Chakacha	82.22	27	P	P	16 50 30.9 +1.1
WBK	Wadi Bani Khal	82.28	293	P	P	16 50 31.1 +0.2
WBK	Wadi Bani Khal	82.28	293	P	P	16 50 31.1 +0.2
MAW	Maaw	82.28	202	P	P	16 50 30.0 +0.1
MAW	Maaw	82.28	202	LR	LR	17 24 40.9
BRSE	Bradley Lake S	82.41	29	P	P	16 50 32.1 +1.4
J20K	Nowitza River	82.48	24	IAMB	IAMB	16 50 53.3
J20K	Nowitza River	82.48	24	P	P	16 50 32.7 +1.6
CAPN	Cajin Cook N	82.56	28	P	P	16 50 33.0 +1.6
I20K	Naaghedeneel	82.59	23	IAMB	IAMB	16 50 48.5
I20K	Naaghedeneel	82.59	23	IAMS_20	IAMS_20	17 23 42.9
I20K	Naaghedeneel	82.59	23	P	P	16 50 33.3 +1.8
C19K	Lookout Ridge	82.65	18	P	P	16 50 33.6 +1.7
E19K	Redstone River	82.67	20	IAMS_20	IAMS_20	17 25 25.9
E19K	Redstone River	82.67	20	P	P	16 50 33.5 +1.5
H20K	Anotleneega Mo	82.71	23	P	P	16 50 33.7 +1.5
A19K	Wainwright	82.73	17	P	P	16 50 33.5 +1.3
SKT	Skwentna	82.79	26	IAMS_20	IAMS_20	17 23 41.5
SKT	Skwentna	82.79	26	P	P	16 50 33.6 +0.9
PPLA	Purkypyle	82.83	25	P	P	16 50 32.6 -0.5
PPLA	Purkypyle	82.83	25	IAMS_20	IAMS_20	17 21 57.3
PPLA	Purkypyle	82.83	25	P	P	16 50 33.3 +0.3
D19K	Kuna River	82.84	19	P	P	16 50 33.5 +0.7
SLKM	Skilak Lake	82.91	28	P	P	16 50 32.9 -0.5
SLKM	Skilak Lake	82.91	28	IAMB	IAMB	16 50 48.8
SLKM	Skilak Lake	82.91	28	IAMS_20	IAMS_20	17 23 09.6
SUA	Susitna One	82.97	27	P	P	16 50 34.2 +0.5
F20K	Avarant Lake	83.03	21	IAMS_20	IAMS_20	17 22 38.3
MHTO	MHTO	83.04	291	P	P	16 50 34.3 -0.5
JMDO	Jabal Madar	83.05	293	P	P	16 50 34.6 -0.3
CHUM	Lake Minchum	83.12	24	P	P	16 50 35.1 +0.8
O22K	Cooper Landing	83.13	28	IAMS_20	IAMS_20	17 23 36.6
SEW	Seward	83.14	29	IAMB	IAMB	16 50 36.5
SEW	Seward	83.14	29	P	P	16 50 35.3 +0.8
BIDO	Bidbid	83.15	294	P	P	16 50 35.4 +0.1
BIDO	Bidbid	83.15	294	P	P	16 50 35.4 +0.1
SMDO	Samad	83.17	293	P	P	16 50 35.2 -0.5
L22K	Petersville	83.31	26	IAMB	IAMB	16 50 36.8
L22K	Petersville	83.31	26	IAMS_20	IAMS_20	17 22 02.2
RC01	Rabbit Creek A	83.31	28	IAMB	IAMB	16 50 37.2
RC01	Rabbit Creek A	83.31	28	P	P	16 50 36.0 +0.6
DOM	DOM	83.33	290	P	P	16 50 36.5 +0.1
M22K	Willow	83.35	27	P	P	16 50 36.0 +0.5
E20K	Nigu River	83.38	20	P	P	16 50 36.4 +0.7
D20K	Etluk River	83.43	19	P	P	16 50 37.0 +1.1
CUT	Chulitna	83.49	26	IAMS_20	IAMS_20	17 24 55.1
CUT	Chulitna	83.49	26	P	P	16 50 37.1 +0.9
H21K	Melozitna River	83.57	23	IAMB	IAMB	16 50 53.3
H21K	Melozitna River	83.57	23	IAMS_20	IAMS_20	17 25 52.8
H21K	Melozitna River	83.57	23	P	P	16 50 37.7 +1.0
KTH	Kantishna Hill	83.59	25	IAMB	IAMB	16 51 08.3
KTH	Kantishna Hill	83.59	25	IAMS_20	IAMS_20	17 23 46.5
G21K	Allakaket	83.63	22	IAMS_20	IAMS_20	17 24 08.2
G21K	Allakaket	83.63	22	P	P	16 50 38.2 +1.3
I21K	Tanana	83.72	23	IAMB	IAMB	16 50 54.2
I21K	Tanana	83.72	23	IAMS_20	IAMS_20	17 27 06.8
I21K	Tanana	83.72	23	P	P	16 50 38.8 +1.4
MSEY	Maliseet	83.74	266	IAMS_20	IAMS_20	17 25 33.2
MSEY	Maliseet	83.74	266	P	P	16 50 39.9 +1.3
BPWW	Bear Paw Mtn.	83.75	24	IAMB	IAMB	16 50 53.5
BPWW	Bear Paw Mtn.	83.75	24	P	P	16 50 38.7 +1.1

18d 18h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like NR1K, YAK, GNI, KIRV, JKA, YSS, ERM, TYV, KBZ, KIV, SHU, GURO, MOS, OBN, GAZ, BNN, ILGA, BR131, AKASG, KIEV, BORA, SORM, NACGM, ELL, FIA1, FINES, VRI, PLOR, ONER, NEHR, ARCES, ARCES, MRR, MRR, BURAR, BURAR, SUW, SUW, BILL, BILL, MARR, MARR, SPTS, MORC, MORH, HFS, MODS, MODS, DPC, DPC, PSA00, KEK, NC405, NC303, NB201, NB2.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like NOA, CONA, NC204, ARSA, ZVC, KONO, KONO, CLL, CLL, CLL, GERES, KHC, KHC, LESA, NRCA, FUORN, WB0, WRA, WRA, C16K, SENIN, C18K, F15K, VSL, ANM, ANM, ANM, C19K, B20K, AS31, ASAR, ASAR, G16K, E19K, EKA, F19K, H17K, D22K, J16K, D23K, J17K, F21K, G21K, TOLK, L16K, J18K, D25K, J19K, COLD, COLD, E24K, J20K, BORG, BMAR, COLA, COLA, PRP, ILAR, L22K, J26L, POIN, N25K, LSZ, LSZ, MATP, YKB, FRB, TOR, TOR, TOR, LBTB, LBTB, NVL, NVL, NVL, NVL, NVL, TXAR, CPUP.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like AP01, AP01, AP01, AP01, AP01, PB18, PB12, PB12, PB12, PB12, LPAZ, LPAZ, LPAZ, LPAZ, LPAZ, LPB08, TA01, PATCX, PB01, PB02, PB07, PB09, PB09, PB05, PB10, NNA, NNA, PB14, GO02, GO01, AC02, AC06, VILB, VILB, PTLB, PTLB, CO06, CFA, TEFE, SALV, PPB, CLB, AMBA, MACA, MACA, MACA, H03N1, H03N2, H03N3, NPGB, TRCB, TRCB, TRCB, PGTB, BI02, ITTB, SNDB, ITAB, PTLB, IPMB, BOAV, BOAV, BDFB, BDFB, PRPB, PLCA, PLCA, PLCA, SMTB, JANB, DIAM, HBVL, HBVL, HND0, U49A, U49A, WVT, WVT, HALT, MIAR, MIAR, TX31, TXAR, TXAR, TXAR, SIUC, SIUC, SIUC, SIUC, SIUC, BELA, BELA, X16A, PV01, PV01, U15A, U15A, MTPU, MTPU, EYMN, EYMN, TBO, ISA, PDAR, PDAR, PDAR, PDAR, DBIC.

IDC 18:01:41.1-0.6, 16:90S:71:17W, h94km, 5km, mb3.9/11, mbmp4.2/14, Error ellipse: s-maj=13.6km s-min=12.4km az=169.0
NEIC 18:01:41.2-2.0, 17:07S:0:04:71:28W:0:07, h92km, 6km, az=169.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DBIC Dimbokro, ULM Lac du Bonnet, NVAR Mina Array, etc.

NEIC 18 18:13:06.81.1, 17.98N, 0.05-66.78W, 0.03, h21km, 10km, ML3.8/36, Md3.2/9(RSPR), Error ellipse: s-maj=8.2km s-min=4.3km az=195.0

SDD 18 18:13:08.61.4, 18.01N, 66.79W, h13km, 22km, MD3.6, ML3.5, MW3.4, Presumed earthquake

RSPR 18 18:13:08.9, 18.03N, 66.79W, h13km, 1km, MD3.2/9, ISC 18 18:13:06.9, 18.02N, 0.04-66.78W, 0.02, h26km, 5km, 144, c0959/73, 11C-6D, Puerto Rico region

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

Table with columns: S/JG, San Juan, Azimuth, Phase ID, Time, Res, ISC. Includes stations like S/JG San Juan, S/JG San Juan, etc.

TAP 18 18:27:53.2, 21.84N, 121.70E, h21km, ML3.3, D JMA 18 18:27:54.7, 0.4, 22°N, 121°7E, 0.4, h41km, MV3.3/10, TAIWAN REGION

ISC 18 18:27:52.51, 21.88N, 0.05-121.78E, 0.04, h13km, 9km, n76, c0996/105, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LYUB Lan-yu, LYUB Lan-yu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like TWGBT Beinan, TWGBT Beinan, etc.

IDC 18 18:30:21.0, 24.0, 38.01N, 75.81E, h11km, 152km, mb3.8/1, mbmp3.5/4, ML2.8/3, Error ellipse: s-maj=267.8km s-min=127.1km az=166.0

ISC 18 18:30:22.4, 30.379N, 0.2-75.8E, 0.2, h150km, n6, c218/7, 3C-1D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, AAK Ala-Archa, etc.

IDC 18 18:42:12.8, 0.8, 21.83N, 121.91E, h0km, mb3.8/19, mbmp3.8/21, ML3.4/2, MS3.8/4, Error ellipse: s-maj=24.6km s-min=18.2km az=66.0

NEIC 18 18:42:13.8, 2.5, 21.96N, 0.2-75.8E, 0.2, h10km, 1km, mb4.2/16, Error ellipse: s-maj=11.1km s-min=3.0km az=166.0

TAP 18 18:42:14.9, 21.88N, 121.66E, h25km, ML4.1, D JMA 18 18:42:16.4, 0.3, 22°N, 121°7E, 0.3, h45km, MV3.9/15, TAIWAN REGION

ISC 18 18:42:14.2, 21.89N, 0.04-121.77E, 0.03, h13km, 7km, n207, c1242/243, mb3.8/23, MS4.1/3, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LYUB Lan-yu, LYUB Lan-yu, etc.

IDC 18 18:30:17.4, 1.0, 21.87N, 121.83E, h0km, mb3.5/10, mbmp3.5/11, ML3.0/1, MS3.4/1, Error ellipse: s-maj=29.6km s-min=19.1km az=69.0

18d 18h

Table with columns for station code, name, elevation, and coordinates. Includes stations like ECBN Changbin, ELDTW Lidau, TWFI Yuli, etc.

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Table with columns for station code, name, elevation, and coordinates. Includes stations like JGW Kunigami, QIZ Qiongzong, KSRS Korea Arr, etc.

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Table with columns for station code, name, elevation, and coordinates. Includes stations like CO01 Juntas del Tor, CO03 El Pedregal, CO02 Combarbal, etc.

SHUL	Shoufeng	1.85 351	eP	Pb	18 54 49.3 +0.3	EHY	Hungye	1.70 346	eP	Pn	18 59 31.8 -0.9
SHUL			eS	Sg	18 55 12.5 -2.4	WTP	Ta-pu	1.75 322	eP	Pn	18 59 34.4 +0.8
WCKO	Fanlu	1.89 321	eP	Pg	18 54 50.9 -1.0	WTP			eS	Pn	18 59 56.0 0.0
WCKO			eS	Pg	18 55 15.4 -1.0	CHN1	Nanshi	1.76 319	eP	Sn	18 59 34.4 +0.8
VWDT	VWDT	1.92 339	eP	Pg	18 54 52.3 0.0	CHN1	Tainan City	1.76 312	eP	Sn	18 59 56.5 +0.4
VWDT			eS	Pg	18 55 18.1 +0.9	CHN1	Shinhua	1.73 313	eP	Pn	18 59 33.5 -0.4
WHYT	Xinyi Township	1.98 331	eP	Pg	18 55 53.8 +0.4	TPUB	Ta-pu	1.79 324	P	Pn	18 59 35.1 +1.1
WHYT			eS	Pg	18 55 19.2 0.0	TPUB	Ta-pu	1.79 324	P	Pn	18 59 34.6 +0.6
CHNS	Tsauling	1.98 326	eP	Pg	18 54 53.6 +0.1	TPUB			eS	Pn	18 59 57.7 +0.9
CHNS			eS	Pg	18 55 19.5 +0.3	SNST	Tainan City	1.80 319	eP	Pn	18 59 35.0 +0.9
SSLB	Suanglung	2.02 335	eP	Pg	18 54 54.0 -0.2	SNST			eS	Pn	18 59 35.9 +0.6
SSLB			eS	Pg	18 55 22.2 -0.1	EGFH	Guangfu	1.83 350	eP	Pn	18 59 32.9 -1.7
ETM	Tongmen	2.03 350	eP	Pg	18 54 53.2 -1.3	EGFH			eS	Pn	18 59 56.9 -1.0
CHN2	Minshiang	2.04 321	eP	Sg	18 55 19.3 -1.9	TKW	Hsiyang	1.84 320	eP	Pn	18 59 35.5 +0.7
TSCK	Chigu Township	2.04 306	eP	Pg	18 55 19.3 -1.9	TKW	Alishan	1.88 332	eS	Pn	18 59 58.3 0.0
TSCK			eS	Pg	18 55 16.7 -0.9	ALS			eS	Pn	19 00 01.3 -0.1
CHY	Chiayi	2.05 319	eP	Pb	18 54 51.6 -0.7	SSHA	Shanhua	1.88 313	eP	Pn	18 59 34.5 -0.7
CHY			eS	Pb	18 55 19.5 -1.8	SSHA			eS	Pn	18 59 58.4 -0.6
CHN8	Yiju	2.08 312	eP	Sb	18 55 18.1 -0.4	WARBT	Fenglin Townsh	1.89 349	P	Pn	18 59 34.3 -1.1
OWD	Renai	2.10 342	eP	Pg	18 54 53.9 +0.6	WCKO	Fanlu	1.91 326	eP	Pn	18 59 35.5 -0.2
OWD			eS	Pg	18 55 19.1 0.0	SHUL	Shoufeng	1.93 354	eP	Pn	18 59 35.1 -0.9
LXIB	Xiulin Townshi	2.10 348	eP	Pg	18 54 52.8 -0.6	SHUL			eS	Pn	18 59 58.0 -2.4
SMLT	Sun Moon Lake	2.12 335	P	Pg	18 54 55.0 -1.2	SCLT	Jiali	1.97 312	eP	Pn	18 59 35.8 -0.7
SMLT			eS	Pg	18 55 23.3 -1.6	SCLT			eS	Pn	19 00 02.0 -1.0
WDLH	Douliu	2.13 324	eS	Sg	18 55 22.0 -1.9	ESL	Shilin	1.98 343	eP	Pn	18 59 34.9 -1.6
WJS	Zhushan	2.14 330	eP	Sg	18 54 56.5 -0.1	ESL			eS	Pn	18 59 34.0 -2.7
WJS			eS	Sg	18 55 24.0 -0.5	WVDT	WVDT	1.98 343	eP	Pn	18 59 36.6 0.0
WUSB	Renai	2.15 341	eP	Pb	18 54 54.7 +0.5	WVDT			eS	Pn	19 00 06.6 -0.9
WUSB			eS	Pb	18 55 22.8 -1.8	CHNS	Tsauling	2.01 330	eP	Pn	18 59 38.1 +1.0
WDL	Douliou City	2.15 325	eS	Sg	18 55 22.3 -2.3	CHNS			eS	Pn	19 00 05.0 +0.1
TYC	Yuchr	2.16 334	eP	Pg	18 54 55.8 -1.1	WHYT	Xinyi Township	2.02 335	eS	Pn	19 00 02.7 +0.1
WSL	Shulin Townsh	2.19 316	eP	Pg	18 54 54.6 -0.2	WHYT			eS	Pn	19 00 07.1 +0.5
WSL			eS	Pg	18 55 21.5 -0.1	TSCK	Chigu Township	2.02 310	eP	Pn	18 59 37.4 +0.1
EOSA	Eosai	2.19 10	eP	Pb	18 54 56.0 +1.4	TSCK			eS	Pn	19 00 04.0 +1.3
EOSA			eS	Pb	18 55 20.8 -0.6	CHY	Chiayi	2.06 323	eP	Pn	19 00 36.2 -1.5
ETL	Fush Village	2.21 354	eP	Pg	18 54 55.2 +0.2	CHY			eS	Pn	19 00 04.0 +0.5
ETL			eS	Pg	18 55 23.3 -1.4	SSLB	Suanglung	2.07 339	P	Pn	18 59 37.7 -0.2
WNT	Mingjian	2.21 330	eP	Pg	18 54 57.4 -0.5	SSLB	Suanglung	2.07 339	P	Pn	18 59 38.6 +0.7
WNT			eS	Pg	18 55 25.2 -1.4	ETM	Tongmen	2.12 353	P	Pn	18 59 37.1 -1.4
NACB	Ninganchiao	2.22 353	P	Pb	18 54 55.1 -0.3	ETM			eS	Pn	19 00 02.2 -2.8
NACB	Ninganchiao	2.22 353	eP	Pb	18 55 20.4 +1.4	HWA	Hwaieng	2.12 356	eP	Pn	18 59 36.2 -2.3
NACB			eS	Pb	18 55 34.1 -0.1	HWA	Gukeng	2.14 329	eP	Pn	18 59 32.9 +0.5
NACB			eS	Pb	18 54 59.6 +0.6	WKG			eS	Pn	19 00 06.1 +0.6
NACB			eS	Pb	18 54 59.6 +0.4	WDLH	Douliu	2.15 328	eP	Pn	18 59 39.9 +0.9
NACB			eS	Pb	18 55 27.3 -1.4	WDLH			eS	Pn	19 00 06.8 +0.9
EOSA	EOSA	2.35 10	eS	Sb	18 55 25.7 -0.6	OWD	Renai	2.16 345	eP	Pn	18 59 38.5 -0.7
FUSS	Fushou	2.36 346	eP	Pg	18 55 27.7 -3.6	OWD			eS	Pn	19 00 07.1 -1.1
FUSS			eS	Pg	18 55 27.7 -3.6	SMLT	Sun Moon Lake	2.17 338	eP	Pn	18 59 40.5 +1.1
TWT	Tachien	2.38 344	eP	Pg	18 55 30.2 -1.9	SMLT			eS	Pn	19 00 05.5 -1.1
WRL	Guolierin Hig	2.39 325	eP	Pb	18 54 58.2 +0.1	WDL	Douliou City	2.17 329	eP	Pn	18 59 39.9 +0.6
WRL			eS	Pb	18 55 27.2 -0.1	LXIB	Xiulin Townshi	2.18 351	eP	Pn	18 59 37.6 -1.9
WDGT	Dungji	2.44 303	eS	Sb	18 55 24.2 0.0	LXIB			eS	Pn	19 00 03.1 -3.6
WCHI	Changhua City	2.45 337	eP	Pg	18 54 59.9 +0.7	WJS	Zhushan	2.18 334	eP	Pn	18 59 40.9 +0.4
WCHI			eS	Pg	18 54 59.8 +0.7	WJS			eS	Pn	19 00 07.5 +0.9
TCU	Taichung	2.45 333	eP	Pg	18 55 01.7 -1.2	WSL	Shulin Townsh	2.19 320	eP	Pn	18 59 39.9 +0.4
WHP	Taichung City	2.47 340	eP	Pg	18 55 01.7 -1.2	WSL			eS	Pn	19 00 07.6 +0.8
WHP			eS	Pg	18 55 33.9 -1.0	TYC	Yuchr	2.21 338	eP	Pn	18 59 40.8 +1.1
EWUT	Wuta	2.48 358	eP	Pg	18 55 29.9 -0.7	TYC			eS	Pn	19 00 08.2 +2.1
NNSB	Datong	2.50 349	eP	Pg	18 55 20.7 +0.5	WUSB	Renai	2.21 344	eP	Pn	18 59 40.2 +0.3
NNSB			eS	Pg	18 55 30.9 -0.1	WUSB			eS	Pn	19 00 06.0 -1.5
NNSB			eS	Pg	18 55 02.9 -0.9	TWD	Chiawan	2.22 356	eP	Pn	18 59 39.6 -0.3
NNSB			eS	Pg	18 55 00.5 -1.2	TWD			eS	Pn	19 00 05.2 -2.3
NNSB			eS	Pg	18 55 02.2 +0.6	TWD	Mingjian	2.25 334	eP	Pn	18 59 42.1 +1.7
NNSB			eS	Pg	18 55 15.4 -3.3	WNT			eS	Pn	19 00 07.0 -2.0
NNSB			eS	Pg	18 54 57.7 +0.9	WSF	Szhu	2.28 321	eP	Pn	19 00 07.0 -2.0
NNSB			eS	Pg	18 55 26.6 -1.5	ETL	Fush Village	2.30 356	eS	Pn	19 00 06.1 -3.3
NNSB			eS	Pg	18 54 58.9 +1.4	EOSA	EOSA	2.31 12	eP	Pn	18 59 40.3 -0.5
NNSB			eS	Pg	18 55 29.8 +0.5	EOSA			eS	Pn	19 00 05.8 -3.4
NNSB			eS	Pg	18 55 10.0 +3.0	NACB	Ninganchiao	2.31 356	P	Pn	18 59 39.8 -1.8
NNSB			eS	Pg	18 55 03.8 -0.5	NACB	Ninganchiao	2.31 356	P	Pn	18 59 39.3 -1.9
NNSB			eS	Pg	18 55 37.0 -0.8	NACB	Ninganchiao	2.31 356	eS	Pn	19 00 06.5 -3.3
NNSB			eS	Pg	18 55 03.9 -0.5	WCF	Hehuan Shan	2.33 348	eP	Pn	18 59 41.9 +0.1
NNSB			eS	Pg	18 55 05.7 +1.2	WCF	Beigang Elemen	2.33 348	eP	Pn	18 59 42.4 +0.9
NNSB			eS	Pg	18 55 39.2 +1.1	WCS			eS	Pn	19 00 11.9 +1.6
NNSB			eS	Pg	18 55 39.6 +0.7	WCS			eS	Pn	19 00 11.9 +1.6
NNSB			eS	Pg	18 55 06.5 +1.4	ETHL	Xiulin Townshi	2.36 353	eP	Pn	18 59 41.4 -1.1
NNSB			eS	Pg	18 55 04.7 -0.6	WDGT	Dungji	2.41 306	eP	Pn	18 59 41.4 -1.1
NNSB			eS	Pg	18 55 38.3 -1.2	FUSS	Fushou	2.43 348	eP	Pn	19 00 08.8 -3.3
NNSB			eS	Pg	18 54 58.7 -0.1	FUSS			eS	Pn	18 59 44.0 +0.9
NNSB			eS	Pg	18 55 38.9 -0.7	EAKH	Aohua	2.46 359	eS	Pn	19 00 11.7 -1.3
NNSB			eS	Pg	18 55 07.2 +0.6	EAKH			eS	Pn	19 00 11.7 -1.8
NNSB			eS	Pg	18 55 06.8 -1.9	EOSA	EOSA	2.47 12	eP	Pn	18 59 43.0 -0.3
NNSB			eS	Pg	18 55 43.5 -1.7	EOSA			eS	Pn	19 00 07.0 -2.7
NNSB			eS	Pg	18 55 08.5 -2.3	WCHI	Changhua City	2.48 333	eS	Pn	19 00 15.5 +1.6
NNSB			eS	Pg	18 55 04.3 -0.3	WCHI	Changhua City	2.48 333	eP	Pn	18 59 45.0 +1.5
NNSB			eS	Pg	18 55 49.3 -1.3	TCU	Taichung	2.50 336	eP	Pn	18 59 42.9 +0.2
NNSB			eS	Pg	18 55 57.6 +0.7	WHP	Taichung City	2.53 343	P	Pn	18 59 46.4 +2.1
NNSB			eS	Pg	18 55 21.3 +5.3	WHP			eS	Pn	19 00 16.6 +1.3
NNSB			eS	Pg	18 56 02.2 -0.3	VCHM	Qimei	2.56 302	eP	Pn	18 59 43.0 -1.6
NNSB			eS	Pg	18 55 58.9 +0.1	VCHM			eS	Pn	19 00 12.9 -2.8
NNSB			eS	Pg	18 55 17.4 -1.6	ENA	Nanau	2.56 359	eP	Pn	18 59 44.1 +2.6
NNSB			eS	Pg	18 56 03.7 -1.0	ENA			eS	Pn	19 00 13.5 -2.4
NNSB			eS	Pg	18 55 20.1 -0.1	EWUT	Wuta	2.58 0	eP	Pn	18 59 43.5 -1.3
NNSB			eS	Pg	18 55 25.1 +1.5	EWUT			eS	Pn	19 00 13.5 -2.8
NNSB			eS	Pg	18 55 26.8 +1.7	NNSB	Datong	2.59 352	eP	Pn	18 59 45.0 0.0
NNSB			eS	Pg		NNSB			eS	Pn	19 00 15.4 -1.3
NNSB			eS	Pg		NNS	Nan Shan	2.60 352	eS	Pn	18 59 46.4 +1.1
NNSB			eS	Pg		PHUB	Peng-hu	2.62 309	P	Pn	19 00 17.0 0.0
NNSB			eS	Pg		PHUB			eS	Pn	18 59 44.0 -1.5
NNSB			eS	Pg		TWQ1	Liyutan	2.65 340	eP	Pn	18 59 47.6 +1.8
NNSB			eS	Pg		TWQ1			eS	Pn	18 59 20.1 +2.1
NNSB			eS	Pg		PNG1	Penghu	2.67 310	eP	Pn	18 59 41.4 -2.0
NNSB			eS	Pg		PNG			eS	Pn	19 00 16.2 -2.3
NNSB			eS	Pg		LAGT	Datong	2.68 355	eP	Pn	18 59 46.3 -0.3
NNSB			eS	Pg		LAGT			eS	Pn	18 59 45.5 +0.5
NNSB			eS	Pg		NDS	Dongshan	2.77 359	eP	Pn	19 00 19.4 0.0
NNSB			eS	Pg		NDS			eS	Pn	19 00 17.6 -3.3
NNSB			eS	Pg		ENIT	Nioudou	2.78 356	eP	Pn	18 59 47.6 +0.8
NNSB			eS	Pg		JYNG	Yonagunijimaku	2.80 22	eP	Pn	19 00 20.8 -0.5
NNSB			eS	Pg		YHNB	Yeheng	2.83 353	P	Pn	18 59 47.2 -0.6
NNSB			eS	Pg		YHNB	Yeheng	2.83 353	eP	Pn	18 59 49.4 +1.1
NNSB			eS	Pg		YHNB	Yeheng	2.83 353	eP	Pn	18 59 49.0 +0.7
NNSB			eS	Pg		YHNB	Yeheng	2.83 353	eP	Pn	18 59 49.9 +1.1
NNSB			eS	Pg		NFF	Wufeng Townshi	2.83 348	eP	Pn	19 00 21.1 -1.5
NNSB			eS	Pg		NFF			eS	Pn	18 59 50.7 +2.3
NNSB			eS	Pg		YOJ	Y				

Table with columns: Station Name, Time, Res, ISC, Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Montagnes des Redstone River, BMAR Burt Mountain, PETK Burnt Mountain, etc.

OSPL 18 21:47:19.8,0.5, 17.86N:66.92W, h18km,4km, ML3.5, Presumed earthquake

NEIC 18 21:47:19.2,1.2, 17.85N:0.03:66.89W:0.02, h10km,2km, ML4.0/40, Md3.5/(RSPR), Mw3.7/17(SLM), Error ellipse: s-maj=5.1km s-min=3.0km az=15.0

PTWC 18 21:47:19.1790N:66.90W, ML3.9/14

SDD 18 21:47:20.2,1.2, 17.91N:66.92W, h20km,7km, MD3.7, ML3.7, MW4.0, Presumed earthquake

NEIC 18 21:47:20.1792N:66.91W, h11km, Moment Tensor Solution, Moment tensor: Scale 10^14Nm, M=0.64, Mw1.44, Ms=0.80, Mn=1.00, Mw4.50, Mw=1.33, Fault plane solution: M4.950000*10^14 Np1.9s,0.000000, 0.76.000000, -1.164.000000, NP2w=275.000000, 0.75.000000, -1.15.000000. Principal axes: T 4.9579, P1g142.000000, Azm142.000000; N -0.0011, P1g69.000000, Azm51.000000; P -4.9568, P1g21.000000, Azm232.000000;

RSPR 18 21:47:20.5, 17.93N:66.90W, h8km, MD3.5/7

ISC 18 21:47:19.3,0.9, 17.89N:0.04:66.89W:0.02, h16km,6km, n64, c0558/99, 7C-9D, Puerto Rico region

Main table of station data for Puerto Rico region, including stations like Guanica, Cabo Rojo, Obispo Ponce, Las Mesas, etc.

Table with columns: Station Name, Time, Res, ISC, Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Isla Desecheo, Patillas Dam, Guaynabo City, Punta Cana, etc.

IDC 18 21:56:19.0,1.7, 2.73S:127.63E, h0km, mb3.2/2, mbtmp3.4/4, ML3.4/2, Error ellipse: s-maj=35.4km s-min=27.1km az=85.0

DJA 18 21:56:23.8,0.9, 3.3S:5.12E, h26km, 14km, M3.5/9, Mw1.5/5.9

ISC 18 21:56:23.4,1.0, 2.71S:0.07:127.54E:0.05, h29km, n12, c095/14, Ceram Sea

Table with columns: Station Name, Time, Res, ISC, Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Namlea, Karang Ratu, Ambon, Masani, etc.

OSPL 18 22:12:15.8,0.5, 17.90N:66.86W, h11km,2km, ML3.1, Presumed earthquake

NEIC 18 22:12:15.1,1.0, 17.89N:0.04:66.83W:0.009, h10km,1km, ML3.6/38, MD3.8/(RSPR), Error ellipse: s-maj=6.0km s-min=2.8km az=6.0

SDD 18 22:12:16.2,1.8, 17.94N:66.85W, h15km,18km, MD3.8, ML3.2, MW3.5, Presumed earthquake

RSPR 18 22:12:16.0, 17.95N:66.85W, h8km, MD3.8/8

ISC 18 22:12:15.4,0.9, 17.92N:0.04:66.83W:0.02, h16km,6km, n48, c054/77, 9C-14D, Puerto Rico region

Main table of station data for Puerto Rico region, including stations like Guanica, Obispo Ponce, Cabo Rojo, Las Mesas, etc.

Table with columns: Station Name, Time, Res, ISC, Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Aguadilla, Esperanza, San Juan, etc.

CNRM 18 22:44:49.3, 35.04N:3.07W, h5km, ML2.9

SFS 18 22:44:50.8, 35.12N:3.18W, h0km, ML3.4/16, ML3.5/16, ML3.5/416

INMG 18 22:44:50.3, 3.1, 35.05N:3.17W, h3km,5km, ML2.0, Error ellipse: s-maj=4.8km s-min=2.3km az=138.0

#DIST_RANGE: REGIONAL #IFMA_REGION: SW Meillila

IGIL 18 22:44:51.9, 35.12N:3.20W, h0km

MDD 18 22:44:51.1, 0.5, 35.12N:3.20W, h0km, mb_Lg2.6/15, Error ellipse: s-maj=3.9km s-min=2.4km az=156.0

ISC 18 22:44:50.2, 0.9, 35.08N:0.02:3.11W:0.03, h17km,7km, n75, c121/125, Strait of Gibraltar

Main table of station data for Strait of Gibraltar region, including stations like Meillila, LCR, Mijas, Ceuta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for Barrancos, Barranco-do-Ve, San Pablo, Sonseca Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for Barrancos, Mina Concepcio, Sardoal, Badajoz, Casmilo, Conde, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for Puerto Rico Se, Puerto Rico Se, Arcobio Observ, etc.

MDD 18 22:48:30.0±0.8, 36.62N±11.32W, h50km, Mb4.1/10, M_mb3.4/10, Error ellipse: s-maj=7.0km s-min=4.6km az=91.0

CNRM 18 22:48:29.3, 36.50N±10.92W, h5km, ML3.3

INMG 18 22:48:31.8±1.4, 36.62N±11.30W, h32km±16km, ML2.1, Error ellipse: s-maj=11.9km s-min=4.4km az=70.0

#DIST_# RANGE# REGION# #IPM# REGION# Gorringe

IGL 18 22:48:31.2, 36.63N±11.29W, h32km, ML2.2

ISC 18 22:48:32.0±2.2, 36.65N±11.0W±0.1, h35km, n65, a±174/120, 10C, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for Vila Bisbo, Marlete, Sao Teotonio, Messejana, Barranco-do-Ve, Castro Verde, Mafrá, Vaqueiros, Montemor, Beja, etc.

EPLA 18 22:48:29.3, 36.50N±10.92W, h5km, ML3.3

INMG 18 22:48:31.8±1.4, 36.62N±11.30W, h32km±16km, ML2.1, Error ellipse: s-maj=11.9km s-min=4.4km az=70.0

#DIST_# RANGE# REGION# #IPM# REGION# Gorringe

IGL 18 22:48:31.2, 36.63N±11.29W, h32km, ML2.2

ISC 18 22:48:32.0±2.2, 36.65N±11.0W±0.1, h35km, n65, a±174/120, 10C, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for Vila Real, Adamuz, Ouz, Tazzarine, Zagora, etc.

CATAC 18 23:04:16.2±0.5, 13°N±3.8°W±1.1, h30km±2km, M3.6/19, MLV3.6/19, Error ellipse: s-maj=7.3km s-min=3.1km az=21.6, confirmed

SNET 18 23:04:17.4±0.7, 13.15N±89.27W, h50km±5km, ML3.6

CGC 18 23:04:17.4±0.8, 13.26N±89.29W, h54km±6km, MD3.7, Presumed earthquake

ISC 18 23:04:16.7±1.6, 13.14N±0.089±29W±0.04, h49km±11km, n58, c042/79, 2C-7D, El Salvador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for Alcalda de L, Loma Pena Alta, Hato Mayor del, etc.

NEIC 18 22:57:56.7±1.4, 17.88N±0.04±66.88W±0.01, h10km±1km, ML2.8/38, Md2.9/8(RSPR), Error ellipse: s-maj=6.5km s-min=2.5km az=359.0

SDD 18 22:57:57.4±1.1, 17.92N±66.88W, h15km±10km, MD3.5, ML2.9, MW3.1, Presumed earthquake

RSPR 18 22:57:57.3, 17.92N±66.87W, h11km, MD2.9

ISC 18 22:57:56.0±1.0, 18.01N±0.07±66.88W±0.02, h22km±6km, n40, c073/69, 12C-7D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and station details for Bosqu, Guanica, Magueyes Islan, Cabo Rojo, etc.

Table with columns: Code, Station Name, Az, El, P, Pn, Time, Res. Includes stations like CNCH Conchagua, TSSG Sabana Grande, EGUU Tegucigalpa, Un, etc.

NOU 18 23:32:41.6, 23:55S:179:83W, h540km, mb4.6/61, South of Fiji Islands
IDC 18 23:32:41.6, 0.5, 23:43S:179:99E, h530km, 4km, mb3.8/21, mbmp4.6/22, Error ellipse: s-maj=11.2km s-min=9.4km az=161.0
NEIC 18 23:32:42.5, 1.4, 23:50S:0108:10W, 0.1, h534km, 3km, mb4.7/93, Error ellipse: s-maj=15.4km s-min=12.0km az=97.0

ISC 18 23:32:42.0, 0.4, 23:53S:004:179:94W, 0.05, h537km, 3km, h537km, p3, n392, of 13/401, mb4.7/76, 35C-24D, South of Fiji Islands

Main station list table with columns: Code, Station Name, Az, El, P, Pn, Time, Res. Includes stations like LKBA Tubou, LKBA Raoul Island, GLKZ Green Lake, etc.

Main station list table with columns: Code, Station Name, Az, El, P, Pn, Time, Res. Includes stations like CAN Charters Tower, CTA Charters Tower, CTAO Charters Tower, etc.

Main station list table with columns: Code, Station Name, Az, El, P, Pn, Time, Res. Includes stations like MNRC McLaughlin Min, ESJC Sierra Juarez, ESFC Mount Baldy Ra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MEIG Mezcala, DAIG Los Arroyos, MAVM Malinalco, AZVM Cuida Lopez Ma, etc.

MDD 19 02:20:36.0-0.8, 34.00Nk:6.63W, h7km,5km, Mb3.9/7, M_mb3.2/7, Error ellipse: s-maj=5.3km s-min=3.3km az=90.0, SFS 19 02:20:36.0, 34.01Nk:6.56W, h2km, ML3.4/6, ML3.4/6, MLV3.4/6, CNRM 19 02:20:36.1, 33.95N:6.71W, h18km, ML2.3, INMG 19 02:20:39.8:1.7, 33.99N:6.64W, h36km, ML1.9, Error ellipse: s-maj=6.4km s-min=3.1km az=90.0, #DIST_RANGE: REGIONAL #IPMA_ZONE: NE Rabat (MARR)

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RTC Rabat Centre, AVE Averroes, RSC Sidi Chahed, LCRM LCR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PVAQ Vaqueiros, EMIN Mina Concepcion, EMIN Castro Verde, PTEO Sao Teotonio, etc.

NEIC 19 02:31:56.7:0.8, 17.86N:0.03:66.730W:0.007, h10km,1km, ML3.0/38, MD3.17(RSPR), Error ellipse: s-maj=5.8km s-min=2.9km az=0.0, RSPR 19 02:31:57.6, 17.93N:66.74W, h8km,1km, MD3.1/7, SDD 19 02:31:58.6:1.4, 17.99N:66.73W, h21km,12km, MD3.4, ML2.8, MW3.1, Presumed earthquake, ISC 19 02:31:57.1:0.1, 17.93N:0.04:66.73W:0.02, h12km,6km, n42, c064/69, 19C-8D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GBPR Guanica, OBIP Obispado Ponce, MLPR MaguYESIAN, CRPR Cabo Rojo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AGPR Aguadilla, PR, Patillas Dam, Guaynabo City, Isla Desecheo, Col San Antoni, Higuey Centro, etc.

KRNET 19 02:46:45.0:0.1, 40.22Nk:76.54E, h16km, mb3.4, NNC 19 02:46:48.7:1.1, 40.30N:76.49E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=7.4km s-min=4.9km az=174.0, SOME 19 02:46:48.0, 40.30N:76.52E, h10km, ISC 19 02:46:48.0:1.8, 40.17N:0.07:76.50E:0.04, h7km,13km, n55, c150/82, 9C-24D, Kyrgyzstan-Xinjiang border

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JNKS Jany-Kuch, NARN Naryn, TARG Taragay, KYRGY, UCH Uchtor, etc.

19d 2h

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KRBS Karabastau, KRBS 21nm,0.7s, KRBS Karabastau, KRBS 6.3nm,0.5s, etc.

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Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LXRI VASILIKIADES, VSK1 VASILIKIADES, DMLN Damouliana-K, etc.

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Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ZEVE Izmir, Urla-Ze, ZEVE Zeyce, ACER Acerenza, etc.

BUI 19 02:52:04.8,38°07'N,20°59'E,h14km,mB5.3/19,mb4.8/64, Mw5.2/2,Ms7

IDC 19 02:52:06.9,0.4,38°26'N,20°81'E,h0km,mb4.7/32, mbmp4.6/47,ML4.1/14,MS4.5/73,Error ellipse: s-maj=9.8km,s-min=9.1km,az=160.0

MOS 19 02:52:07.0,1.2,38°21'N,20°65'E,h11km,mB5.0/47, MS4.8/18,Error ellipse: s-maj=5.6km,s-min=2.8km, az=70.7

SKO 19 02:52:07.1,38°02'N,20°54'E,h0km,ML5.5

AFAD 19 02:52:08.0,38°37'N,20°35'E,h8km,37km,MW5.1/24, MED_RC 19 02:52:09.0,0.3,38°17'N,20°57'E,h13km,MW5.1/24, Moment Tensor Solution. Body waves: s3,c3,Mantle waves: s24,c32. Duration: 163. Moment tensor: Scale 10^16Nm; Mw=3.83; M2=22; Mw=3.56; 14; Mw=3.56; 15; Mw=2.11; 38; Mw=3.00; 35; Best double couple: Ms=4.0000,1016 NP1=350.0000,82.0000,0.0000, NP2=149.0000,867.0000,81.0000,0.0000. Principal axes: T 5.3400,Plg67.0000, Azm44.0000; N 0.1300,Plg8.0000, Azm153.0000; P -5.4600,Plg21.0000, Azm246.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=40s.

ATH 19 02:52:09.2,38°17'N,20°75'E,h7km,mB5.0/40, Moment Tensor Solution. s8 Moment tensor: Mr2.37; Mw=0.42; Mw=1.95; Mw=1.12; Mw=1.00; Mw=3.62; Fault plane solution: NP1=161.0000,874.0000,1.94.0000,0.0000, NP2=326.0000,87.0000,1.75.0000,0.0000

THE 19 02:52:09.5,38°21'N,20°8E,0.9,h0km,4km,M4.9/16, ML4.9/16

UPSL 19 02:52:09.2,38°17'N,20°75'E,h7km,Mw5.1, Moment Tensor Solution. s6 Moment tensor: Mr1.47; Mw=0.21; Mw=1.25; Mw=1.55; Mw=0.69; Mw=4.26; Fault plane solution: NP1=160.0000,81.0000,1.92.0000,0.0000, NP2=326.0000,81.0000,1.76.0000,0.0000

NEIC 19 02:52:09.3,38°21'N,20°74'E,h18km

NEIC 19 02:52:09.3,38°21'N,20°61'E,h18km, Moment Tensor Solution. Duration: 157. Moment tensor: Scale 10^16Nm; Mw=4.15; Mw=1.21; Mw=2.94; Mw=0.45; Mw=1.66; Mw=2.57; Fault plane solution: Mw4.8200x10^16 NP1: 117.0000,117.0000,0.0000,0.0000, NP2: 319.7300,830.0500,1.73.0200,0.0000. Principal axes: T 4.9833,Plg72.0000, Azm91.0000; N -0.3415,Plg8.0000, Azm33.0000; P -4.6418,Plg16.0000, Azm242.0000

NEIC 19 02:52:09.3,38°21'N,20°74'E,h10km

MCSM 19 02:52:09.8,0.7,38°18'N,20°11'E,h13km,4km,mb5.0, mB5.6,MLv5.2,Mw(mB)5.1

PDG 19 02:52:09.9,0.2,38°28'N,20°75'E,h10km,6km,MD5.2/12, ML5.1/13, Error ellipse: s-maj=5.7km,s-min=5.0km, az=90.0

NEIC 19 02:52:09.2,2.0,38°26'N,20°04'N,20°75E,0.06,h10km,1km, mb5.1/343,Mw5.0/31,Mw5.1/41, Error ellipse: s-maj=8.2km,s-min=6.9km,az=288.0, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mr2.35; Mw=0.62; Mw=2.98; Mw=0.58; Mw=1.01; Mw=2.07; Fault plane solution: Mw3.61000x10^16 NP1=164.39000,863.78000,1.88.93000. NP2=346.80000,876.24000,0.0000,0.0000. Principal axes: T 3.0846,Plg71.0000, Azm165.0000; N -0.8851,Plg1.0000, Azm165.0000; P -3.9697,Plg19.0000, Azm255.0000

BEO 19 02:52:11.6,0.4,38°19'N,20°64'E,h33km,4km,ML5.0/18

GMCT 19 02:52:11.2,0.2,38°08'N,01°20'57E,0.01,h12km, MW5.2/126, Moment Tensor Solution. s82,c126; s126,c210; Duration: 0. Moment tensor: Scale 10^16Nm; Mw=0.05; Mw=1.35; Mw=1.0; Mw=4.70; Mw=1.0; Mw=2.11; Mw=1.77; Mw=1.0; Mw=2.45; Mw=1.4; Best double couple: Mw=5.9400x10^16 NP1=343.0000,831.0000,0.0000,0.0000, NP2=149.0000,860.0000,81.0000,0.0000

Principal axes: T 6.9420,Plg74.0000, Azm39.0000; N -0.6960,Plg6.0000, Azm153.0000; P -6.2460,Plg14.0000, Azm244.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

GFZ 19 02:52:13.5,38°21'N,20°79'E,h13km,MW5.0, Moment Tensor Solution. s162 Moment tensor: Mr3.53; Mw=1.11; Mw=2.42; Mw=0.71; Mw=1.23; Mw=1.73; Fault plane solution: NP1=153.0000,860.0000,0.0000,0.0000, NP2=326.0000,831.0000,1.75.0000,0.0000

Principal axes: T 4.0300,Plg75.0000, Azm73.0000; N -0.3900,Plg3.0000, Azm331.0000; P -3.6400,Plg15.0000, Azm240.0000

NAO 19 02:52:33.7,40°38'N,20°23'E,h33km,MB4.4

ISC 19 02:52:09.1,0.5,38°19'N,20°75E,0.02,h15km,3km, m1204, c=1998/1122,mb=1/292,ms4.6/82,65C-56D, Greece

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RTZL Ratzakli, Kefa, RTZL Ratzakli, Kefa, RTZL Ratzakli, Kefa, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ART2 Arta, ARTE Arta, AMT Artemida-Makis, ANX Ana Chora, SERG Sergoula, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like VAE comp=E,28nm,0.3s,baz=83,slow=18,SNR=6.1, VAE comp=E,5um,19.5s,baz=100,slow=44, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like KSH2 Kashi, TNS5 Tian-Shan, and many others.

2020 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like SHL Shillong, ULN Ulanbaatar, and many others.

19d 2h

Table with columns for station name, frequency, power, and other technical details. Includes stations like HEH Heihe, BILL Bilibino, and many others.

19d 2h

E19K	Redstone River	74.67 359	I	Amb	I	Amb	03 03 51.6
E19K	Redstone River	74.67 359	P	P	P	03 03 49.1 +1.5	
H29M	Whitestone	74.68 351	P	P	P	03 03 48.6 +0.9	
COLD	Coldfoot	74.69 356	I	Amb	I	Amb 03 03 51.2	
COLD	Coldfoot	74.69 356	P	P	P	03 03 48.7 +1.1	
E18K	Tukpahleark C	74.71 1	I	Amb	I	Amb 03 03 60.0	
E18K	Tukpahleark C	74.71 1	P	P	P	03 03 49.2 +1.4	
F21K	Alatina River	74.82 358	I	Amb	I	Amb 03 03 52.5	
F21K	Alatina River	74.82 358	P	P	P	03 03 50.0 +1.5	
WRGLY	Wrigley	74.96 344	P	P	P	03 03 51.0 +1.7	
GRNR	Gorny	75.00 36	P	P	P	03 03 49.6 -0.2	
GRNR							
GRNR							
GRNR							
H27K	Steamboat Moun	75.02 353	I	Amb	I	Amb 03 03 53.5	
H27K	Steamboat Moun	75.02 353	P	P	P	03 03 51.1 +1.5	
FYU	Fort Yukon	75.02 354	I	Amb	I	Amb 03 03 54.6	
E17K	Hotham Inlet	75.04 1	P	P	P	03 03 50.7 +1.0	
G24K	Hadweencic Riv	75.05 355	I	Amb	I	Amb 03 06 09.4	
G24K	Hadweencic Riv	75.05 355	P	P	P	03 03 50.9 +1.1	
G23K	Bananza Creek	75.19 356	P	P	P	03 03 51.4 +0.7	
FFC	Flin Flon	75.27 330	P	P	P	03 03 51.1 -0.1	
FFC	Flin Flon	75.27 330	P	P	P	03 03 51.1 -0.1	
F19K	Shalerucik Mo	75.30 359	I	Amb	I	Amb 03 03 54.2	
F19K	Shalerucik Mo	75.30 359	P	P	P	03 03 52.0 +0.8	
I30M	Mount Dempster	75.39 350	I	Amb	I	Amb 03 03 55.0	
I30M	Mount Dempster	75.39 350	P	P	P	03 03 52.6 +0.7	
I29M	Ogilvie Camp	75.50 351	I	Amb	I	Amb 03 03 55.3	
I29M	Ogilvie Camp	75.50 351	P	P	P	03 03 53.4 +0.9	
G21K	Allakaket	75.53 358	I	Amb	I	Amb 03 03 55.8	
G21K	Allakaket	75.53 358	P	P	P	03 03 53.8 +1.3	
F18K	Selawik	75.54 0	P	P	P	03 03 53.5 +1.0	
I28M	Miner Creek	75.61 352	P	P	P	03 03 54.0 +0.9	
I27K	Kandik River	75.64 353	I	Amb	I	Amb 03 04 04.4	
I27K	Kandik River	75.64 353	P	P	P	03 03 54.1 +0.8	
F17K	Baldwin Pennin	75.69 1	I	Amb	I	Amb 03 03 56.0	
F17K	Baldwin Pennin	75.69 1	P	P	P	03 03 54.5 +1.1	
ULM	Lac du Bonnet	75.80 324	P	P	P	03 03 55.0 +0.6	
ULM	Lac du Bonnet	75.80 324	LR	LR	LR	03 37 06.8	
ULM	Lac du Bonnet	75.80 324	I	Amb	I	Amb 03 04 03.2	
ULM	Lac du Bonnet	75.80 324	P	P	P	03 03 55.0 +0.6	
H24K	Noodor Dome	75.93 355	I	Amb	I	Amb 03 04 03.3	
H24K	Noodor Dome	75.93 355	P	P	P	03 03 55.9 +1.0	
G19K	Purcell Mounta	75.99 359	I	Amb	I	Amb 03 03 58.9	
G19K	Purcell Mounta	75.99 359	P	P	P	03 03 56.4 +1.2	
J30M	Hart River	76.00 350	I	Amb	I	Amb 03 03 59.0	
J30M	Hart River	76.00 350	P	P	P	03 03 56.8 +1.4	
H22K	Ishlaltina Cre	76.07 357	P	P	P	03 03 57.4 +1.7	
PRP	Purcell Dome	76.08 354	P	P	P	03 03 57.3 +1.4	
G18K	Tagagawik	76.25 360	I	Amb	I	Amb 03 04 00.2	
G18K	Tagagawik	76.25 360	P	P	P	03 03 57.9 +1.2	
F15K	North Star Dit	76.35 2	P	P	P	03 03 58.2 +0.9	
J29N	Klondike Camp	76.36 351	I	Amb	I	Amb 03 04 05.9	
J29N	Klondike Camp	76.36 351	P	P	P	03 03 58.7 +1.3	
TNA	Tin City	76.36 4	P	P	P	03 03 58.2 +1.0	
H21K	Melozitina Riv	76.37 357	P	P	P	03 03 58.6 +1.2	
F14K	Arctic Creek	76.52 3	P	P	P	03 03 58.9 +0.7	
H19K	Roundabout Mou	76.60 359	I	Amb	I	Amb 03 04 01.9	
H19K	Roundabout Mou	76.60 359	P	P	P	03 03 59.5 +1.0	
H20K	Anoteneega Mo	76.60 358	P	P	P	03 03 59.7 +1.0	
POKR	Poker Plat Res	76.61 355	I	Amb	I	Amb 03 04 02.4	
POKR	Poker Plat Res	76.61 355	P	P	P	03 03 59.2 +0.4	
G17K	Kwailk Mounta	76.64 1	P	P	P	03 03 59.8 +0.9	
NJ2	Nanjing	76.65 60	eP	eP	eP	03 03 59.1 -0.4	
NJ2							
NJ2							
I23K	Minto, Yukon-K	76.71 356	P	P	P	03 04 00.2 +0.9	
G16K	Koyuk River	76.72 1	P	P	P	03 04 00.8 +1.4	
I21K	Tanana	76.81 357	I	Amb	I	Amb 03 04 06.6	
I21K	Tanana	76.81 357	P	P	P	03 04 01.1 +1.3	
K29M	Barlow Dome	76.85 350	I	Amb	I	Amb 03 04 38.2	
K29M	Barlow Dome	76.85 350	P	P	P	03 04 01.8 +1.5	
MAYO	Mayo, Yukon	76.87 350	P	P	P	03 04 01.5 +1.3	
DAWY	Dawson	76.88 351	I	Amb	I	Amb 03 04 03.8	
DAWY	Dawson	76.88 351	P	P	P	03 04 01.6 +1.3	
COLA	College	76.89 355	P	P	P	03 04 01.9 +1.7	
COLA	College	76.89 355	P	P	P	03 04 01.3 +1.1	
COLA	College	76.89 355	P	P	P	03 04 01.9 +1.7	
COLA	College	76.89 355	P	P	P	03 04 01.4 +1.2	
MLY	Manley	76.90 356	P	P	P	03 04 01.4 +1.0	
J26L	Joseph Creek	76.90 353	P	P	P	03 04 02.2 +1.7	
IL31	Eielson Array	76.92 355	I	Amb	I	Amb 03 04 07.4	
IL31	Eielson Array	76.92 355	P	P	P	03 04 01.6 +1.2	

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ILAR	Eielson Array	76.92 355	P	P	P	03 04 01.6 +1.1
J25K	Salcha River	76.95 354	P	P	P	03 03 01.9 +1.1
H18K	Hombosa River	76.99 360	P	P	P	03 04 02.0 +1.1
G15K	Niukuk	77.09 2	P	P	P	03 04 02.7 +1.3
CCB	Clear Creek Bu	77.11 355	I	Amb	I	Amb 03 04 09.0
USRK	Ussuriysk Ar.	77.15 43	P	P	P	03 04 00.7 -1.5
H17K	Granite Mounta	77.21 0	P	P	P	03 04 03.5 +1.4
NEA2	Nenana	77.24 356	P	P	P	03 04 03.4 +1.1
HDA	Harding Lake	77.28 355	I	Amb	I	Amb 03 04 13.0
HDA	Harding Lake	77.28 355	P	P	P	03 04 04.0 +1.5
I20K	Naaghdeneel	77.28 358	P	P	P	03 04 04.2 +1.8
WRH	Wood River Hil	77.30 355	I	Amb	I	Amb 03 04 05.5
GCSA	Galena City Sc	77.39 359	P	P	P	03 04 04.7 +1.6
SCRK	Sand Creek	77.46 353	P	P	P	03 04 05.0 +1.3
ANM	Nome	77.47 3	P	P	P	03 04 03.9 +0.3
ANM	Nome	77.47 3	P	P	P	03 04 03.9 +0.3
ANM	Nome	77.47 3	P	P	P	03 04 04.8 +1.3
H16K	Elim	77.48 1	P	P	P	03 04 04.5 +0.9
L29M	L29M	77.64 350	P	P	P	03 04 05.9 +1.3
FARO	Faro, Yukon	77.77 348	I	Amb	I	Amb 03 04 09.8
FARO	Faro, Yukon	77.77 348	P	P	P	03 04 06.5 +1.2
DOT	Dot Lake	77.79 353	I	Amb	I	Amb 03 04 09.1
K24K	Donnelly Dome	77.79 354	I	Amb	I	Amb 03 04 07.9
K24K	Donnelly Dome	77.79 354	P	P	P	03 04 06.8 +1.4
KOTAN	Kotaneleele Air	77.84 343	P	P	P	03 04 06.4 +0.7
BPWA	Bear Paw Mtn.	77.84 356	P	P	P	03 04 07.1 +1.4
GAMB	Gambell	77.89 6	P	P	P	03 04 06.9 +1.0
J20K	Nowinta River	77.89 358	I	Amb	I	Amb 03 04 09.6
J20K	Nowinta River	77.89 358	P	P	P	03 04 07.1 +1.1
M31M	Drury Creek, Y	77.96 348	P	P	P	03 04 07.8 +1.4
M30M	Minto, Yukon	77.97 350	P	P	P	03 04 07.5 +1.0
MCK	McKinley	78.09 355	I	Amb	I	Amb 03 04 17.6
MCK	McKinley	78.09 355	P	P	P	03 04 08.5 +1.4
J19K	Poorman	78.12 358	I	Amb	I	Amb 03 04 11.1
J19K	Poorman	78.12 358	P	P	P	03 04 08.8 +1.6
CHUM	Lake Minchumin	78.12 357	P	P	P	03 04 08.7 +1.4
BCAR	Beaver Creek A	78.12 352	P	P	P	03 04 08.7 +1.4
L27K	Beaver Creek	78.13 352	P	P	P	03 04 08.6 +1.3
I17K	Unalakleet	78.26 1	P	P	P	03 04 09.3 +1.4
M29M	Somme Creek	78.32 350	I	Amb	I	Amb 03 04 12.4
M29M	Somme Creek	78.32 350	P	P	P	03 04 09.1 +0.6
L26K	Log Cabin Wild	78.33 353	P	P	P	03 04 09.3 +0.8
MENT	Mentasta	78.45 353	P	P	P	03 04 13.3 +4.2
TRF	Thorfare Moun	78.45 356	P	P	P	03 04 09.8 +0.6
PAX	Paxson	78.58 354	P	P	P	03 04 10.8 +0.9
DHY	Denali Highway	78.63 355	I	Amb	I	Amb 03 04 23.4
DHY	Denali Highway	78.63 355	P	P	P	03 04 11.2 +1.0
BVCY	Beaver Creek	78.65 351	P	P	P	03 04 11.2 +0.9
J18K	Innokk River	78.67 359	P	P	P	03 04 12.1 +1.0
TKL	Tuckaleechee C	78.68 306	LR	LR	LR	03 39 15.2
K20K	Telida	78.71 358	I	Amb	I	Amb 03 04 14.1
K20K	Telida	78.71 358	P	P	P	03 04 11.4 +0.9
N32M	Quiet Lake	78.73 347	I	Amb	I	Amb 03 04 23.6
N32M	Quiet Lake	78.73 347	P	P	P	03 04 11.6 +0.9
J17K	VABM Dome	78.76 360	P	P	P	03 04 12.0 +1.2
PRPB	Parauapebas	78.76 253	eP	eP	eP	03 04 11.9 +0.4
SSE	Sheshan	78.81 59	S	S	S	03 04 12.0 +0.4
SSE						03 14 11.8 +2.7
SSE						
SSE						
M27K	Edge Creek, AK	78.82 352	P	P	P	03 04 12.1 +0.8
N31M	Braeburn, Yuko	78.86 349	P	P	P	03 04 12.2 +0.8
J16K	Anvik River	78.87 1	P	P	P	03 04 12.2 +0.9
WAT1	Susitna Watana	78.96 355	P	P	P	03 04 12.5 +0.6
N30M	Aishikik Lake	79.08 349	P	P	P	03 04 13.2 +0.6
PPLA	Purkeypile	79.10 357	P	P	P	03 04 13.3 +0.5
HARP	HAARP	79.12 353	P	P	P	03 04 13.0 +0.3
WAT6	Susitna Watana	79.15 355	P	P	P	03 04 13.7 +0.6
KSAR	Wonju Array Be	79.17 51	P	P	P	03 04 11.6 -1.8
KSAR	Wonju Array Be	79.17 51	P	P	P	03 04 11.6 -1.8
KSRS	Korea Array	79.18 51	P	P	P	03 04 12.8 -0.6
KSRS						
KSRS						
YUK3	Moose Creek	79.22 351	P	P	P	03 04 14.5 +0.9
TOAD	Toad River Com	79.26 343	P	P	P	03 04 14.9 +1.3
J44K	Nanxarank Lak	79.35 2	P	P	P	03 04 15.1 +1.2
U19K	Red Boiling Sp	79.39 308	I	Amb	I	Amb 03 04 25.4
YUK4	Talbot Arm	79.41 350	P	P	P	03 04 15.0 +0.4
K17K	Iditarod	79.44 360	I	Amb	I	Amb 03 04 17.4
K17K	Iditarod	79.44 360	P	P	P	03 04 15.1 +0.7
CUT	Chulitna	79.49 356	P	P	P	03 04 15.3 +0.6
M24K	Tolsona, Glenn	79.49 354	P	P	P	03 04 16.0 +1.1
WHY	Whitehorse	79.50 348	P	P	P	03 04 16.0 +1.1
P33M	Teslin, Yukon	79.57 347	P	P	P	03 04 16.6 +1.3
O30N	Mendenhall	79.58 349	P	P	P	03 04 16.6 +1.3

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HYT	Haines Junctio	79.74 349	I	Amb	I	Amb 03 04 20.1
HYT	Haines Junctio	79.74 349	P	P	P	03 04 17.8 +1.5
YUK6	Outpost Mounta	79.75 350	P	P	P	03 04 17.9 +1.4
N25K	Chitina, Valde	79.84 353	P	P	P	03 04 17.9 +1.1
K15K	Wolf Creek Mou	79.85 1	I	Amb	I	Amb 03 07 16.5
K15K	Wolf Creek Mou	79.85 1	P	P	P	03 04 17.4 +0.7
SCM	Shea Creek Mo	79.86 354	P	P	P	03 04 17.9 +1.0
MCARA	McCarthy VSAT	79.90 352	P	P	P	03 04 18.0 +1.0
T47A	Sharoa Grove	79.90 309	I	Amb	I	Amb 03 04 25.9
L19K	White Mountain	79.92 358	I	Amb	I	Amb 03 04 20.8
L19K	White Mountain	79.92 358	P	P	P	03 04 18.1 +0.9
L18K	Granite Mounta	79.92 359	I	Amb	I	Amb 03 04 31.8
L18K	Granite Mounta	79.92 359	P	P	P	03 04 18.5 +1.5
M23K	Glacier View	79.93 354	P	P	P	03 04 18.4 +1.2
SML	Sawmill	79.96 355	P	P		

19d 3h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Loma La Naviza, Guadeloupe/Mar, Santo Domingo, etc.

BUI 19 03:22:34.2, 21.95N, 121.73E, h10km, mB4.9/15, mB4.3/50, ML4.1/5, Ms4.4/34, Ms7.4/2/35
TAP 19 03:22:34.7, 21.82N, 121.71E, h19km, ML4.8, D
JMA 19 03:22:36.5, 0.4, 22°N, 121.7E, h54km, MV4.3/18, TAIWAN REGION
NEIC 19 03:22:36.8, 2.5, 22.05N, 0.07, 121.77E, h10km, 1km, mb4.7/42, Error ellipse: s-maj=12.2km s-min=9.9km az=163.0
NIED 19 03:22:36.5, 3.2, 21.86N, 121.87E, h54km, MW4.8, Moment Tensor Solution: s2 Moment tensor: Scale 10^16Nm
M=1.04; M=0.71; M=0.32; M=1.59; M=0.07; M=0.03; Fault plane solution: M=1.81000x10^16 NP1=81.00000°, delta15.00000°, lambda-99.00000°. NP2=270.00000°, delta76.00000°, lambda-88.00000°
IDC 19 03:22:38.5, 3.2, 21.86N, 121.87E, h33km, 24km, mb4.0/25, mbmp4.2/27, ML3.6/2, MS4.0/37 Error ellipse: s-maj=18.3km s-min=12.4km az=73.0
ISC 19 03:22:37.6, 0.6, 21.97N, 0.003, 121.73E, 0.003, h19km, 2.2km, n227, s1985/225, mb4.5/56, MS4.2/38, 2C-2D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Lan-yu, Hengchuen, Pin, Manzhou Townsh, etc.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Yeheng, Yonaguni jima, Hateruma jima, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BJI2, BJI2, BJI2, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like YKA, GERES, DAVOS, BORG, EKA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like YKA, GERES, DAVOS, BORG, EKA, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like PAVA, UNIC, TECO, etc.

19d 3h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Rows include H1052 ASCENSION HYDR52.29, H1053 ASCENSION HYDR52.19, H101N1 ASCENSION HYDR51.43, etc.

IDA 19 03:42:21.1-3.1, 17.805-174.67W, h0km, mb3.5/3, mbmt3.5/3, Error ellipse: s-maj=349.5km s-min=35.4km az=158.0, Tonga Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, TXAR Lajitas Array, etc.

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Main table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Rows include G002 Mina Guanaco, PB10 IPOC Station P, PB10 IPOC Station P, etc.

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Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Rows include NNA Nana, PP1B Ponte de Pedra, SALV Santo Antonio, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like NEM2 Nemuro 2, NMR Nemuro-Hokkai, GLVR Golovino, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like PB08 IPOC Station P, PATCX Punta Patache, AC02 Maricunga, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like DRME Dracevica, DRME Dracevica, PRNT Pentafelos, etc.

IDC 19 03:52:52.9, 5.6, 5.9S, 149.35E, h125km, 46km, mb2.7/3, mbtmp3.2/4, Error ellipse: s-maj=126.7km s-min=42.2km az=106.0, New Britain region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

AC01 Pan de Azucar, AC01 Pan de Azucar, AC01 Pan de Azucar

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like PB11 IPOC Station P, TINO Tinogasta, GO03 Copiapo, etc.

KOME Kolasin, KOME Kolasin, KOME Niksic, PRMD Pramanda, VAY Valandovo

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like VAY Valandovo, TETR Tetrakomo, SJSJ Sjenica, etc.

IDC 19 04:02:21.9, 1.6, 2.3, 32S, 66.76W, h203km, 16km, mb3.5/4, mbtmp4.0/10, MS3.7/4, Error ellipse: s-maj=19.6km s-min=13.6km az=102.0

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SALTA Salta, AF01 San Pedro de A, YJA Yavi, etc.

VAO Valinhos, VAO Valinhos, VAO Valinhos

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like VAO Valinhos, BDFB Brasilia, NPGB Novo Progresso, etc.

IDC 19 04:13:30.0, 5.6, 5.4S, 148.26E, h89km, 54km, mb2.9/2, s-min=40.8km az=109.0, New Britain region

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

SCB 19 04:31:05.4, 1.4, 18.08S, 67.13W, h278km, 12km, MB5.0, ML3.4/3, Error ellipse: s-maj=7.1km s-min=3.6km

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SOEO Opoqueri, SOET ToroToro, BBOJ La Paz, etc.

THE 19 04:03:03.9, 41°N, 9°20'E, h125km, 16km, M2.5/27, MLh2.5/27

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like OHR Ohr, PHP Peshkopia, VLO Vlor, etc.

SCB 19 04:31:05.4, 1.4, 18.08S, 67.13W, h278km, 12km, MB5.0, ML3.4/3, Error ellipse: s-maj=7.1km s-min=3.6km

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SOEO Opoqueri, SOET ToroToro, BBOJ La Paz, etc.

THE 19 04:03:03.0, 6.41°N, 20.00E, h9km, 3km, ML2.4/8, SKO 19 04:03:05.0, 41°N, 19°06'E, h6km

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like PB02 IPOC Station P, PB02 IPOC Station P, PB02 IPOC Station P, etc.

THE 19 04:03:03.0, 2.41°N, 19°06'E, h24km, ML2.6/11, Error ellipse: s-maj=10.9km s-min=1.8km az=0.0

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like OHR Ohr, PHP Peshkopia, VLO Vlor, etc.

THE 19 04:35:02.0, 1.4, 18.08S, 67.13W, h278km, 12km, MB5.0, ML3.4/3, Error ellipse: s-maj=7.1km s-min=3.6km

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SOEO Opoqueri, SOET ToroToro, BBOJ La Paz, etc.

THE 19 04:35:02.0, 1.4, 18.08S, 67.13W, h278km, 12km, MB5.0, ML3.4/3, Error ellipse: s-maj=7.1km s-min=3.6km

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SOEO Opoqueri, SOET ToroToro, BBOJ La Paz, etc.

THE 19 04:35:02.0, 1.4, 18.08S, 67.13W, h278km, 12km, MB5.0, ML3.4/3, Error ellipse: s-maj=7.1km s-min=3.6km

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SOEO Opoqueri, SOET ToroToro, BBOJ La Paz, etc.

THE 19 04:35:02.0, 1.4, 18.08S, 67.13W, h278km, 12km, MB5.0, ML3.4/3, Error ellipse: s-maj=7.1km s-min=3.6km

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SOEO Opoqueri, SOET ToroToro, BBOJ La Paz, etc.

THE 19 04:35:02.0, 1.4, 18.08S, 67.13W, h278km, 12km, MB5.0, ML3.4/3, Error ellipse: s-maj=7.1km s-min=3.6km

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SOEO Opoqueri, SOET ToroToro, BBOJ La Paz, etc.

THE 19 04:35:02.0, 1.4, 18.08S, 67.13W, h278km, 12km, MB5.0, ML3.4/3, Error ellipse: s-maj=7.1km s-min=3.6km

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SOEO Opoqueri, SOET ToroToro, BBOJ La Paz, etc.

THE 19 04:35:02.0, 1.4, 18.08S, 67.13W, h278km, 12km, MB5.0, ML3.4/3, Error ellipse: s-maj=7.1km s-min=3.6km

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SOEO Opoqueri, SOET ToroToro, BBOJ La Paz, etc.

19d 4h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SATY, TARG, PDGK, KDJ, KOT, etc.

NAO 19 04:38:44.8, 1.9, 71.36N, 11.93W, h3km, 14km, ML3.8
IDC 19 04:38:46.0, 1.1, 71.43N, 10.87W, h0km, mb3.4/4,
s-maj=25.9km s-min=14.1km az=37.0

DKN 19 04:38:46.1, 4.3, 71.42N, 11.45W, h12km, 40km, ML2.8,
Presumed earthquake
BER 19 04:38:47.3, 5.0, 71.42N, 11.62W, h0km, 24km, Mw4.4,
ML3.8(NAO), Confirmed Earthquake

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

2020 JAN

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SPA0, SPA0, SPA0, etc.

IDC 19 04:44:15.3, 2.5, 107.74S, 123.24E, h0km, mb3.6/1,
mbtmp3.3/3, ML3.1, 2, MS2.8/1, Error ellipse:
s-maj=244.8km s-min=33.2km az=52.0

IDC 19 04:44:17.0, 0.9, 105.54S, 123.82E, 0.07, h10km, n10,
+27813, Timor region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BATI, SOEI, SGOI, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like YOJ, JYNG, IRIF, etc.

TAP 19 04:49:27.5, 24.56N, 121.80E, h4km, ML2.5, B, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ESAO, TWC, EWUT, etc.

IDC 19 04:55:04.0, 7.1, 5.91S, 154.71E, h0km, mb3.5/3,
mbtmp3.5/3, MS3.1, 2, Error ellipse: s-maj=218.7km
s-min=44.2km az=110.0, Bougainville-Solomon Islands

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

NEIC 19 04:59:58.8, 1.1, 17.88N, 0.01, 67.07W, 0.009,
h10km, 1km, ML3.0/38, Md2.97(RSPR), Error ellipse:
s-maj=3.1km s-min=1.9km az=0.0

19d 7h

Table with columns: AGPR, Station Name, IAML, Time, Res. Includes stations like 380nm, 0.6s, 284nm, 0.4s, etc.

NEIC 19 07:08:01.8, 1.5, 2.90N, 0.07x122.4E, 0.1, h540km, gkm, mb4.0/23, Error ellipse: s-maj=15.7km s-min=8.4km

IDC 19 07:08:02.1, 1.9, 2.88N, 122.44E, h55km, 23km, mb3.0/12, mbmp4.0/13, Error ellipse: s-maj=30.4km s-min=10.4km

ISC 19 07:08:01.7, 0.5, 2.87N, 0.08x122.4E, 0.1, h552km, n48, c091/51, mb3.9/25, Celebes Sea

Main table of station data with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like TOL2J, LUW1L, TNT1, etc.

ATH 19 07:19:52.6, 34.14N, 24.60E, h23km, 8km, ML3.8/7, Manual Solution by M.Kolligri First location: 2020/01/19

ISC 19 07:19:54.3, 34.23N, 24.47E, h26km, ML3.8/11, NEIC 19 07:19:57.2, 1.8, 34.44N, 10.24, 36E, 0.07, h55km, 11km, mb4.3/7, Error ellipse: s-maj=14.1km s-min=8.4km

THE 19 07:19:57.6, 34.1N, 24.2E, h25km, M3.4/17, MLh3.4/17, IDC 19 07:19:58.7, 1.9, 34.61N, 24.39E, h55km, 11km, mb3.7/13, mbmp3.9/19, MS2.9/1, Error ellipse: s-maj=25.3km

AFAD 19 07:19:59.7, 34.19N, 25.52E, h7km, 4km, ML3.6, Gil 19 07:20:04.0, 0.0, 34.172N, 0.002x25.293E, 0.001, h0km, mvs3.9, confirmed

ISC 19 07:19:55.0, 0.8, 34.27N, 0.06x24.60E, 0.05, h39km, 2km, n136, 16/178, mb4.0/14, Crete

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like GVD, Gavdhos, etc.

2020 JAN

Main table of station data with columns: GVD, Station Name, Time, Res. Includes stations like Gavdhos, Anoyia, Heraklion, etc.

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Table with columns: DSI, Station Name, Time, Res. Includes stations like Paron Flat, Mazada, Paron, etc.

IDC 19 07:25:00.3, 8.6, 31.74S, 179.87W, h377km, 101km, mb2.6/2, mbmp3.7/3, Error ellipse: s-maj=11.0km

WEL 19 07:25:03.9, 1.0, 32.59S, 179.9W, 2.2, h294km, 15km, mB4.75, ML4.3/7, MLV4.7/8, Mw(MB)3.9/5, Error ellipse: s-maj=30.9km s-min=5.7km az=108.6, confirmed

ISC 19 07:24:57.6, 0.8, 31.60S, 0.07x179.5W, 0.1, h350km, n54, c1987/61, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like GLKZ, Green Lake, MXZ, Matakaoa Point, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like WHWZ, NMHZ, ARHZ, etc.

VAO 19 07:33:28.1±2.5, 43.00S:74.73W, h10km, mb4.7, Presumed earthquake

WRA Warramunga Arr 42.87 274 P 07 32 20.2 -2.7

FINES FINESSE Array B 145.830 38 PKPbc PKPdf 07 43 54.0 0.0

VAO 19 07:33:28.1±2.5, 43.00S:74.73W, h10km, mb4.7, Presumed earthquake

IDC 19 07:33:36.8±1.4, 41.70S:74.37W, h0km, mb4.2/8, mbtmp=2.10, ML4.3, MS3.713, Error ellipse: s-maj=33.4km s-min=24.3km az=109.0

GUC 19 07:33:42.0±0.8, 41.73S:74.17W, h39km, 4km, ML4.6

NEIC 19 07:33:42.2±0.4, 41.72S:74.20W, h28km

NEIC 19 07:33:43.6±2.4, 41.70S:0.05E:74.1W, 0.1, h36km, 7km, mb4.5/16, Mw4.3/25, Mw4.6(GUC), Error ellipse: s-maj=12.3km s-min=6.4km az=99.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mr:2.89; Mw:0.09; Mv:2.98; Mn:0.22; Mw:0.48; Mw:1.92; Fault plane solution: Ms:3.55000x10^15 NP1:0.17, 40.000°, 0.250000°, 1.104, 97.000°. NP2:0.180, 32.000°, 0.6160000°, 1.8169000°. Principal axes: T-3.4997, Plg7.0000°, Azm:71.0000°, N:0.0961, Plg7.0000°, Azm:164.0000°, P-3.5585, Plg16.0000°, Azm:276.0000°

ISC 19 07:33:42.7±0.6, 41.71S:0.05E:74.10W, 0.09, h35km, n108, ±1504/82, mb4.5/10, MS3.7/12, 2C-3D, Off coast of southern Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like LL05, LL06, LL07, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like LL08, LL09, LL10, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like LL11, LL12, LL13, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like LL14, LL15, LL16, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like LL17, LL18, LL19, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like LL20, LL21, LL22, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like LL23, LL24, LL25, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like LL26, LL27, LL28, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like LL29, LL30, LL31, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like LL32, LL33, LL34, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like LL35, LL36, LL37, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like LL38, LL39, LL40, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like LL41, LL42, LL43, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like CPUP, ITAB, PMSA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like AMBA, LPAZ, LPZA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like LPZA, TRCB, TRCB, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like AQQB, AQQB, AQQB, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like AQQB, AQQB, AQQB, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like AQQB, AQQB, AQQB, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like AQQB, AQQB, AQQB, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like AQQB, AQQB, AQQB, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like AQQB, AQQB, AQQB, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like AQQB, AQQB, AQQB, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like AQQB, AQQB, AQQB, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like AQQB, AQQB, AQQB, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like AQQB, AQQB, AQQB, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like AQQB, AQQB, AQQB, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like AQQB, AQQB, AQQB, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like AQQB, AQQB, AQQB, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BBOO, NWAO, EIDS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BBOO, NWAO, EIDS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BBOO, NWAO, EIDS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BBOO, NWAO, EIDS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BBOO, NWAO, EIDS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BBOO, NWAO, EIDS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BBOO, NWAO, EIDS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BBOO, NWAO, EIDS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BBOO, NWAO, EIDS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BBOO, NWAO, EIDS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BBOO, NWAO, EIDS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BBOO, NWAO, EIDS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BBOO, NWAO, EIDS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BBOO, NWAO, EIDS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BBOO, NWAO, EIDS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BBOO, NWAO, EIDS, etc.

TRN 19 08:09:00.6, 10.72N:62.43W, h63km, MD3.6, Paria

19d 11h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Venedo, Khunzak, Agdam, Kumukh, Ordubad, etc.

IDC 19 10:31:23.3.2.4, 7.10S, 129.60E, h132km, 30km, mb3.0/1, mbtmp3.7/6, Error ellipse: s-maj=38.5km s-min=22.0km az=94.0

ISC 19 10:31:22.0.0.9, 7.22S, 0.06x129.7E.0.1, h139km, n6, c#353/10, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Sorong, Baunata, Fitzy Crossi, Waramunga Arr, Alice Springs, Makanchi Array, etc.

MEX 19 10:43:54.8.0.6, 14.24N, 92.38W, h2km, 28km, MD3.8 GCG 19 10:43:54.7.0.7, 14.22N, 92.20W, h30km, 4km, MD3.7, Presumed earthquake

ISC 19 10:43:50.8.2.0, 14.11N, 0.01x92.36W, 0.05, h12km, 14km, n19, c#125/30, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Retalhuleu, Catarina, Union Juarez, El Naranjo, El Palmar, Qui, etc.

IDC 19 10:44:09.2.6.1, 32.56N, 75.69E, h0km, mb3.4/3, mbtmp3.5/5, ML3.3/2, Error ellipse: s-maj=89.2km s-min=60.2km az=45.0

NDI 19 10:44:14.0.1.6, 32.43N, 76.01E, h7km, 3km, ML3.7, MW3.5

ISC 19 10:44:11.9.1.0, 32.52N, 0.003x76.06E, 0.04, h12km, gkm, n16, c#167/28, Kashmir-India border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Thin Dam, Tissa, Talawar, etc.

2020 JAN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Jammu, Bhakra, Simla, Alchi Leh, Hanley, etc.

IDC 19 10:49:46.3.2.1, 13.98N, 56.71E, h0km, mb3.6/8, mbtmp3.6/8, MS3.4/25, Error ellipse: s-maj=54.4km s-min=26.2km az=172.0

ISC 19 10:49:49.5.1.9, 14.0N, 0.23x56.7E.0.2, h20km, n31, c#84/8, mb3.6/7, MS3.4/25, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Pallekele, Elat, Jabal al Asfar, Mount Meron, Garmi, Mbarara, Khabaz, Ala-Archa, Keskin Array, Baradiasha, Aktyubinsk, Makanchi Array, etc.

THE 19 11:03:43.1, 42.18N, 17.9E, 2.1, h8km, 22km, M2.4/5, ML2.4/5

PDG 19 11:05:53.2.1.0, 11.65S, 162.85E, h11km, 123km, mb3.5/7, mbtmp3.9/9, ML3.3/2, MS3.1/4, Error ellipse: s-maj=78.6km s-min=27.4km az=161.0

ISC 19 10:59:53.2.1.0, 11.65S, 0.1x162.8E.0.2, h100km, n11, c#122/10, mb3.6/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DZM, CTA, STKA, WRA, ASAR, GUMO, FITZ, CMAR, SONM, ILAR, MKAR, etc.

WEL 19 10:50:21.0.0.8, 33.9S, 17.9W, 2.4, h202km, 15km, M4.0/15, MB4.6/13, ML4.2/18, MLv4.4/15, Mw(MB)3.8/13, Error ellipse: s-maj=33.0km s-min=4.9km az=110.1, confirmed

NOU 19 10:51:09.6, 36.61S, 178.58E, h237km, MLv3.8/8, Off E. coast of N. Island, N.Z.

ISC 19 10:50:18.0.1.7, 32.75N, 0.1x179.2W, 0.2, h250km, n56, c#192/66, South of Kermadec Islands

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

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Waionmatatini S, Pakihiroa, Te Kaha, Raukumara Rang, etc.

IDC 19 10:59:54.1.11.0, 11.65S, 162.85E, h11km, 123km, mb3.5/7, mbtmp3.9/9, ML3.3/2, MS3.1/4, Error ellipse: s-maj=78.6km s-min=27.4km az=161.0

ISC 19 10:59:53.2.1.0, 11.65S, 0.1x162.8E.0.2, h100km, n11, c#122/10, mb3.6/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DZM, CTA, STKA, WRA, ASAR, GUMO, FITZ, CMAR, SONM, ILAR, MKAR, etc.

THE 19 11:03:43.1, 42.18N, 17.9E, 2.1, h8km, 22km, M2.4/5, ML2.4/5

PDG 19 11:05:53.2.1.0, 11.65S, 162.85E, h11km, 123km, mb3.5/7, mbtmp3.9/9, ML3.3/2, MS3.1/4, Error ellipse: s-maj=78.6km s-min=27.4km az=161.0

ISC 19 11:03:44.9.1.1, 34.150N, 0.003x19.62E, 0.04, h1km, 11km, n22, c#118/37, C-9D, Albania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ULC, PHP, DRME, BUM, PDG, PVY, CEME, KBN, KBN, HCY, KOME, NKME, IVA, NEST, BRY, PENT, KEK, IGT, PRMD, PMRV, HERR, COPA, etc.

GII 19 11:16:49.0.0.33, 786N, 0.003x35.399E, 0.001, h0km, n11

NEIC 19 11:58:39.5, 19.74S:169.66E, h8km, MLV4.5/23, Vanuatu Islands

ISC 19 11:58:40.1-0.6, 19.45S:006.169.58E, 0.08, h35km, m66, #107/46, mb4.2/12, 1553.7/20, Vanuatu Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like INH Isangel, INT Isangel, RNV Rentapao, etc.

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like URZ, BKZ Black Stump Fm, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MRZ Mangaitanoka R, CTA Charters Tower, etc.

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, AS31 Alice Springs, etc.

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like GUMO Guam, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like BATI Baumata, MBWA Marble Bar, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like DAV Davao City (W), VVDA Vanda, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like SBA Scott Base, JHJ Hachioji jima 2, etc.

IDC 19 12:10:48.9, 1.7, 0.02S:123.24E, h140km, 16km, mb3.4/11, mbtmp3.9/14, MS1.9/1, Error ellipse: s-maj=15.4km

NEIC 19 12:10:49.6, 1.4, 0.01N:0.08:123.27E:0.07, h143km, 7km, mb4.4/17, Error ellipse: s-maj=11.1km s-min=9.6km

DJA 19 12:10:51.5, 0.5, 0.5, 0.3:12.3E, h115km, 7km, M4.2/9, mb4.2/1, MLV4.2/9

ISC 19 12:10:49.6-0.5, 0.06S:0.05:123.26E:0.05, h150km, n47, #1944/57, mb3.9/19, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like LUWI Luwuk, MRSI Marisa, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like KAPI Kappang, SIJI Sorong, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, MBWA Marble Bar, etc.

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

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

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like FORF Forrest, NWAO Narragin (SRO), etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like STKA Stephens Creek, MJAR Matsushiro Arr, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MJAR Matsushiro Arr, ARMA Armaidale, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like CAN Canberra, USRK Ussuriysk Arr, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like JKA JKA, HILR Hailar Array B, etc.

BVAR Borovoye Array 56.12 326 P 12 32 51.8 +0.1

ILAR Eilat Array 78.60 26 P 12 35 15.1 +1.2

CATAC 19 12:23:54.6, 0.5, 1.3'N:2'x8'9W, h25km, 2km, M3.6/21, MLV3.6/21, Error ellipse: s-maj=5.7km s-min=3.1km

SNET 19 12:23:55.5, 1.2, 12.99N:89.42W, h35km, ML3.6, Presumed earthquake

GCG 19 12:23:56.7, 0.9, 13.08N:89.52W, h34km, 7km, MD4.0, Presumed earthquake

ISC 19 12:23:55.0-1.6, 12.96N:0.06:89.46W:0.04, h34km, 93km, n50, #63/75, Off coast of central America

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like LALI Alcaldia de L, LALI Alcaldia de L, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like PMON Piamonte, UUES Universidad Ev, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like BOQUER Boqueron, CEDA San Andres, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like CEDA San Andres, LFU La Fuente, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like TECO Techo, CEVE Cerro Verde, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like CEVE Cerro Verde, PAVA Las Pavas, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like UESV Las Nubes, NUBE Las Nubes, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like UNIC Universidad Ca, SCLA Alcaldia de Sa, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like FAME Alcaldia de Sa, LOAL Lomas de Alarc, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like PACA Pacalay, PACA Pacalay, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like BLML Bellmaria, LLGN La Laguna, etc.

BGR 19 12:38:10.4, 0.7, 41.16N:20.50E, h5km, ML4.3, Error ellipse: s-maj=15.6km s-min=12.2km az=45.0

IDC 19 12:38:13.2, 0.7, 41.79N:20.27E, h0km, mb3.7/15, mbtmp3.7/26, ML3.5/10, MS3.1/3, Error ellipse: s-maj=12.5km s-min=9.2km az=33.0

NEIC 19 12:38:13.8, 2.5, 41.78N:20.30E:0.06, h10km, 1km, mb4.4/10, Error ellipse: s-maj=7.4km s-min=6.3km

PDG 19 12:38:13.8, 0.1, 41.73N:20.21E, h2km, MD4.1/13, ML4.1/13, Error ellipse: s-maj=0.2km s-min=0.3km az=0.0

NAO 19 12:38:15.1, 41.82N:20.22E, h10km, MB3.5, Error ellipse: s-maj=3.2km s-min=0.5km az=355.0

BEO 19 12:38:15.8, 0.3, 41.83N:20.27E, h7km, 2km, ML2.8/19, Error ellipse: s-maj=1.4km s-min=1.0km az=0.0

THE 19 12:38:16.2, 42.2'N:2.0'E, h1km, 26km, M3.5/22, ML3.5/22

PRU 19 12:38:16.1, 41.65N:20.35E, h10km, M4.4, Error ellipse: s-maj=3.2km s-min=0.5km az=355.0

SKO 19 12:38:16.4, 41.79N:20.19E, h13km, ML3.8, Error ellipse: s-maj=1.4km s-min=1.0km az=0.0

ISC 19 12:38:16.4, 41.79N:20.22E:0.02, h11km, 7km, n286, #159/373, mb3.9/14, 62C-18D, Albania

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like OHR Ohrid, OHR Ohrid, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ULC Ulcinj, ULC Ulcinj, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like PVY Plav, PVY Plav, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like VLO Viora, NEST Nestorio, HCY Herceg Novi, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like RIV Rijeka, CJR Cluj-Napoca, MLR Muntele Rosu, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KHC Kasperse Hory, ZVC Zvick, RETA Reutte, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like DAVOX Davos/Dischmat, DPC Dobruska-Polom, TUE Stuetta, etc.

FUNV 19 12:48:29.1, 10:44N:72:84W, h9km, MW3.2, Presumed garthucha

RSCN 12:46:30.0, 0.0, 10.1N:1:7:3W, h29km, 2km, M2.6, ML2.6

ASAR Alice Springs 120.61 90 PKP PKPfd 12 57 09.3 -1.0

Table with columns: Code, Station, Azimuth, Phase ID, Time, Res, and other details. Includes stations like MCQV Maches, ARGV Ariguani, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MANT Manisa, ZCCA Zocca, JAVC Velka Javorina, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NOA NORSAR Array B, EKA Eskdalemuir Ar, BELG Belgomorgue, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like PCJ Pacitan, KSR Korea Array, PSI Prapat, etc.

IDC 19 12:54:53.4z.1.1, 13:53N:120:95E, h0km, mb3.2/5, mbtmp3.2/5, Error ellipse: s-maj=19.4km s-min=9.4km az=86.0

ISC 19 12:54:54.7z.1.2, 13:6N:01:121:0E:0:3, h10km, m6, r144/6, mb3.1/5, Mindoro

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like TGy Tagaytay City, CMAR Chiang Mai Arr, WRA Warramunga Arr, etc.

IDC 19 12:59:00.7z.0.6, 13:62N:121:15E, h0km, mb4.1/18, mbmp4.1/18, MS3.3/10, Error ellipse: s-maj=29.2km s-min=10.8km az=69.0

NEIC 19 12:59:04.5z.2.0, 14:02N:0:08:120:9E:0:1, h10km, 1km, mb4.5/25, Error ellipse: s-maj=18.6km s-min=12.8km az=255.0

DJA 19 12:59:15.9z.2.0, 14:16N:6:12:1E:1:2, h124km, 20km, M4.5/10, mb4.5/10

ISC 19 12:59:04.0z.0.5, 13:89N:0:06:120:90E:0:08, h10km, n77, r163/4, mb4.5/27, MS3.3/11, Mindoro

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like TGy Tagaytay City, DAV Davao City (W), DAV Davao City (E), etc.

SBUM Sibuluan 14.24 218 P P 13 02 34.8 +1.5

MPSI Mampung 16.59 187 P P 13 03 13.3 +1.4

JSU Suzuyama 19.60 25 P P 13 03 31.2 -1.3

CM31 Chiang Mai Arr 21.56 285 P P 13 03 55.5 +1.7

CMAR Chiang Mai Arr 21.56 285 P P 13 03 56.3 +2.4

CMAR Chiang Mai Arr 21.56 285 P P 13 03 55.4 +1.5

CHTO Chiang Mai 21.62 286 P P 13 03 54.1 +1.1

IDC 19 13:02:31.0z.1.8, 1.26:15S:28:92E, h0km, mbtmp3.0/1, ML1.9/1, Error ellipse: s-maj=85.8km s-min=55.7km az=142.0, South Africa

BOSA Boshof 4.08 232 P P 13 03 35.8 +1.0

BOSA Boshof 4.08 232 P P 13 03 44.1 +0.3

BOSA Boshof 4.08 232 P P 13 04 40.8

IATZA BOSHOP INFRASO 4.0 232 I I 13 28 40.0

I35NA TSBUM INFRASO 4.0 232 I I 14 23 20.0

MOS 19 13:27:54.8z.1.2, 39:80N:77:11E, h3km, mb5.8/71, MS6.1/63, Error ellipse: s-maj=4.3km s-min=3.2km az=106.2

KRNET 19 13:27:54.5z.0.1, 39:85N:77:17E, mb6.5, IDC 19 13:27:55.7z.0.3, 39:91N:77:11E, h0km, mb5.2/46, mbtmp5.2/52, ML4.5/6, MS5.9/90, Error ellipse: s-maj=10.2km s-min=6.9km az=44.0

SOME 19 13:27:56.8z.39:90N:77:18E, h10km, MS6.4, BUJ 19 13:27:56.6z.39:83N:77:21E, h10km, mb5.8/57, mb5.5/63, ML6.4/10, MS6.5/93, Ms7.6/391

M2.02000x10¹⁸ NP1.69.60000; 875.40000; 1.17.90000; NP2.6.185.00000; 831.20000; 1.29.10000;
 NEIC 19 13:27:56.6; 1.1.39.84N; 0.05:77.11E; 0.07; h6km, 3km, mb5.9/430, Ms. 2.0/1.696, Mw6.0/148, Mw6.0/25 Error ellipse: s-maj=10.0km s-min=3.6km az=132.0, Moment Tensor Solution. Moment tensor: Scale 10¹⁸Nm; Mn:0.38; Mw:0.46; Mw:0.08; Mw:1.30; Mw:0.19; Mw:0.56; Fault plane solution: M1.49000x10¹⁸ NP1.66.81000; 881.18000; 1.87.53000; NP2.262.49000; 1.07.00000; 1.05.49000; Principal axes: T 1.4202, Plg54.0000; Azm334.0000; N 0.1368, Plg2.0000; Azm67.0000; P -1.5570, Plg36.0000; Azm159.0000;
 NEIC 19 13:27:57.5; 39.86N; 76.85E; h20km, Moment Tensor Solution. Duration: 41 Moment tensor: Scale 10¹⁸Nm; Mn:0.73; Mw:0.51; Mw:0.23; Mw:0.95; Mw:0.56; Mw:0.54; Fault plane solution: M1.39000x10¹⁸ NP1: 2.20.61000; 819.61000; 1.72.03000; NP2: 59.61000; 871.39000; 1.96.27000; Principal axes: T 1.2765, Plg63.0000; Azm339.0000; N 0.1987, Plg6.0000; Azm238.0000; P -1.4752, Plg26.0000; Azm145.0000;
 IGP 19 13:27:57.0; 39.84N; 77.09E; h21km, Mw5.9, Fault plane solution: NP1.67.00000; 822.00000; 1.1.00000; NP2: 257.00000; 890.00000; 1.12.00000;
 NEIC 19 13:27:57.5; 39.86N; 77.11E; h20km, Moment Tensor Solution. Duration: 41 Moment tensor: Scale 10¹⁸Nm; Mn:0.73; Mw:0.51; Mw:0.23; Mw:0.95; Mw:0.56; Mw:0.54; Fault plane solution: M1.39000x10¹⁸ NP1: 2.20.61000; 819.61000; 1.72.03000; NP2: 59.61000; 871.39000; 1.96.27000; Principal axes: T 1.2765, Plg63.0000; Azm339.0000; N 0.1987, Plg6.0000; Azm238.0000; P -1.4752, Plg26.0000; Azm145.0000;
 PTWC 19 13:27:58.39; 39.90N; 77.00E; h10km, Mw5.8/12 GFZ 19 13:27:59.0; 39.80N; 77.10E; h16km, Mw6.1, Moment Tensor Solution. s132 Moment tensor: Mo:0.64; Mw:0.49; Mw:0.15; Mw:1.15; Mw:0.70; Mw:0.78; Fault plane solution: NP1.56.00000; 875.00000; 1.94.00000; NP2: 222.00000; 816.00000; 1.77.00000; Principal axes: T 1.4300, Plg60.0000; Azm332.0000; N 0.3900, Plg4.0000; Azm235.0000; P -1.8200, Plg23.0000; Azm143.0000;
 GCMT 19 13:28:01.6; 0.1.39.80N; 77.19E; h12km, Mw6.0/157, Moment Tensor Solution. s146.c302; s157.c524; Duration: 26s Moment tensor: Scale 10¹⁸Nm; Mn:0.68±.01; Mw:0.51±.01; Mw:0.16±.01; Mw:0.92±.03; Mw:0.88±.01; Mw:0.04±.02; Best double couple: M1.38800x10¹⁸ NP1.69.196.00000; 838.00000; 1.31.00000; NP2: 80.00000; 871.00000; 1.124.00000; Principal axes: T 1.2870, Plg52.0000; Azm30.0000; N 0.2020, Plg32.0000; Azm248.0000; P -1.4890, Plg19.0000; Azm146.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function
 BGR 19 13:28:05.9; 38.72N; 74.46E; h10km, mb5.5, Ms6.4 ISC 19 13:27:59.0; 39.77N; 0.02:77.13E; 0.02; h10km, 1km, h11km; p-P. n2010. t197/1889, mb5.8/434, MS6.1/520, 176C-119D, Southern Xinjiang

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
KSH2	Kashi	1.36	243	Op	13 28 22.8	+0.2
KSH2	Kashi			Sg	13 28 43.1	+1.4
KSH2	comp=N, 367μm, 0.7s			smax		
JNKS	Jany-Kuch	1.72	319	flP	13 28 25.6	-2.4
JNKS	Jany-Kuch			flS	13 28 48.4	-1.7
NRN	Naryn	1.88	333	flP	13 28 28.1	-2.1
NRN	Naryn			flS	13 28 52.9	-1.2
TARG	Taragay, Kyrgyz	2.03	14	Sn	13 28 32.3	-0.1
TARG	Taragay, Kyrgyz			Sn	13 28 54.0	-4.0
WUS	Wushi	2.14	47	Pn	13 28 33.1	-0.6
KDJ	Kajisay	2.36	11	eP	13 28 35.2	-1.6
KDJ	Kajisay			eS	13 29 05.0	-0.9
ULHL	Ulahol	2.57	345	P	13 28 41.1	+1.4
ULHL	Ulahol			flP	13 28 38.1	-1.6
ULHL	Ulahol			flS	13 29 10.1	-0.9
SALK	Salom-Alik	2.77	295	eP	13 28 42.1	-0.3
SALK	Salom-Alik			eS	13 29 16.7	+0.8
SFK	Sufi-Kurgan	2.80	276	flP	13 28 42.7	-0.2
SFK	Sufi-Kurgan			flS	13 29 18.0	+1.1
BOOM	Boomsokoye usch	2.87	342	P	13 28 44.9	+1.2
BOOM	Boomsokoye usch			P	13 28 44.9	+1.2
BOOM	Boomsokoye usch			P	13 28 42.4	-1.3
BOOM	Boomsokoye usch			P	13 29 17.2	-1.2
PRZ	Przheval'sk	2.88	19	eS	13 28 42.5	-1.4
PRZ	Przheval'sk			eS	13 29 17.4	-1.3
ARLS	Aral	2.99	315	flP	13 28 44.3	-1.1
ARLS	Aral			flS	13 29 20.8	-0.5
UCH	Uchtor	3.16	322	P	13 28 49.2	+1.2
UCH	Uchtor			flP	13 28 46.9	-1.1
UCH	Uchtor			flS	13 29 25.1	-0.8
TNSS	Tian-Shan	3.27	358	Pg	13 28 54.8	-1.4
TNSS	Tian-Shan			Lg	13 29 36.7	
TNSS	Tian-Shan			eP	13 28 50.5	+1.0
TNSS	Tian-Shan			eS	13 28 55.4	
TNSS	Tian-Shan			eP	13 29 26.7	
TNSS	Tian-Shan			eP	13 28 50.5	+1.0
TNSS	Tian-Shan			eP	13 28 55.4	
TNSS	Tian-Shan			eS	13 29 26.8	-1.8
TNSS	Tian-Shan			LQ	13 29 39.0	
TNSS	Tian-Shan			Pb	13 28 54.8	-1.4
TNSS	Tian-Shan			eS	13 29 36.7	+0.5
KBK	Karagaybulak	3.32	331	P	13 28 52.0	+2.0
KBK	Karagaybulak			flP	13 28 48.9	-1.1
KBK	Karagaybulak			flS	13 29 28.6	-1.1
TKM2	Tokmak 2	3.36	340	P	13 28 52.2	+1.7
TKM2	Tokmak 2			flP	13 28 49.2	-1.3
TKM2	Tokmak 2			Pn	13 29 29.0	-1.5
KST	Kastek	3.39	345	Pg	13 28 57.3	-0.7
KST	Kastek			Lg	13 29 40.9	
KST	Kastek			eP	13 28 57.3	-0.7
KST	Kastek			eS	13 29 40.9	+1.5
MDOK	Medeo	3.39	359	Pg	13 28 57.0	-1.1
MDOK	Medeo			eP	13 28 52.0	+1.0
MDOK	Medeo			eP	13 28 57.5	
MDOK	Medeo			eP	13 29 29.5	
MDOK	Medeo			Pn	13 28 52.0	+1.0
MDOK	Medeo			Pb	13 28 57.0	-0.6
MDOK	Medeo			eS	13 29 29.6	-1.8
MDOK	Medeo			LR	13 30 00.0	
MTBS	Maitube	3.40	351	Pg	13 28 57.0	-1.3
MTBS	Maitube			Lg	13 29 40.3	
MTBS	Maitube			eP	13 28 57.0	-1.3
MTBS	Maitube			eS	13 29 40.3	+0.6
OHH	Osh	3.42	284	eP	13 28 51.2	0.0
OHH	Osh			flS	13 29 32.5	+0.7
SATY	Saty	3.43	16	Pg	13 28 58.2	-0.5
SATY	Saty			Lg	13 29 42.1	
SATY	Saty			eP	13 28 52.2	+0.8
SATY	Saty			e	13 28 58.0	
SATY	Saty			eP	13 28 57.0	-0.6
SATY	Saty			eS	13 29 30.4	-1.7
AAA	Alma-Ata	3.44	357	Pg	13 28 58.3	-0.6
AAA	Alma-Ata			Lg	13 29 42.8	
AAA	Alma-Ata			eP	13 28 53.1	+1.6
AAA	Alma-Ata			e	13 28 58.3	

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
AAA	Alma-Ata	3.44	357	eP	13 28 53.2	+1.6
AAA	Alma-Ata			eP	13 28 58.4	-0.6
AAA	Alma-Ata			LR	13 30 01.9	
AAA	Alma-Ata			eS	13 28 58.3	-0.6
AAA	Alma-Ata			eS	13 29 42.8	+2.0
KNDC	Almaty	3.45	358	flP	13 28 58.1	-1.0
KNDC	Almaty			flLg	13 29 43.2	
KOTS	Kotyrybulak	3.46	360	flP	13 28 58.9	-0.5
KOTS	Kotyrybulak			eP	13 28 58.9	-0.5
KOTS	Kotyrybulak			eS	13 29 43.5	+2.0
AAK	Ala-Archa	3.49	326	Pn	13 28 54.1	+1.8
AAK	Ala-Archa			Lg	13 29 42.7	
AAK	Ala-Archa			eP	13 28 54.1	+1.8
AAK	Ala-Archa			eS	13 29 42.7	
AAK	Ala-Archa			Pn	13 28 54.1	+1.8
AAK	Ala-Archa			Pb	13 28 58.4	-3.5
AAK	Ala-Archa			flS	13 29 32.6	-1.1
AAK	Ala-Archa			flP	13 28 53.9	+1.6
AAK	Ala-Archa			eP	13 28 52.3	-0.5
AAK	Ala-Archa			eS	13 29 34.5	0.0
AAK	Ala-Archa			flS	13 29 35.1	-0.6
AAK	Ala-Archa			Pg	13 29 01.3	-0.7
DGS	Degeres	3.62	344	Pg	13 29 47.4	
DGS	Degeres			Lg	13 29 01.3	-0.7
DGS	Degeres			eS	13 29 47.4	+1.5
UZB	Uzymbulak	3.66	22	Pg	13 29 02.4	-0.3
UZB	Uzymbulak			Lg	13 29 49.3	
UZB	Uzymbulak			Pn	13 28 55.2	+0.5
UZB	Uzymbulak			e	13 29 02.6	
UZB	Uzymbulak			e	13 29 36.5	
UZB	Uzymbulak			eP	13 28 55.2	+0.5
UZB	Uzymbulak			eS	13 29 02.6	-0.1
UZB	Uzymbulak			eS	13 29 36.5	-1.5
UZB	Uzymbulak			eP	13 29 02.4	-0.3
UZB	Uzymbulak			eS	13 29 49.3	+2.0
CHMS	Chumysh	3.69	332	P	13 28 56.9	+1.9
CHMS	Chumysh			flP	13 28 53.8	-1.2
CHMS	Chumysh			eS	13 29 37.0	-1.5
CHMS	Chumysh			Pg	13 29 04.7	-0.3
KURS	Kuram	3.80	11	Pg	13 29 53.6	
KURS	Kuram			Lg	13 29 53.6	
SHLS	Shalkode	3.81	27	Pg	13 29 08.2	-2.6
SHLS	Shalkode			Lg	13 29 59.8	
SHLS	Shalkode			eP	13 28 59.4	+2.7
SHLS	Shalkode			eP	13 29 08.2	-2.6
SHLS	Shalkode			eP	13 28 59.4	+2.7
SHLS	Shalkode			eS	13 29 08.4	-2.5
SHLS	Shalkode			eS	13 29 44.3	+2.6
SHLS	Shalkode			eS	13 29 08.2	-2.6
SHLS	Shalkode			eS	13 29 59.8	-0.4
EKS2	Erkin-Say	3.84	320	P	13 28 58.8	+1.7
EKS2	Erkin-Say			Pg	13 28 56.2	-0.9
EKS2	Erkin-Say			Pg	13 29 41.1	-1.0
KPKS	Kokpek	3.88	17	Pg	13 29 05.9	-0.4
KPKS	Kokpek			Lg	13 29 56.0	
KPKS	Kokpek			eP	13 28 58.4	+0.9
KPKS	Kokpek			eP	13 29 06.2	
KPKS	Kokpek			Pb	13 28 58.4	+0.9
KPKS	Kokpek			eP	13 29 06.2	-0.1
KPKS	Kokpek			eP	13 29 05.9	-0.4
KPKS	Kokpek			eS	13 29 56.0	+2.7
KTBS	Karabastu	3.96	355	Pg	13 29 06.5	-1.2
KTBS	Karabastu			Lg	13 29 56.9	
KTBS	Karabastu			eP	13 29 06.5	-1.2
KTBS	Karabastu			eS	13 29 56.9	+1.4
PDGK	Podgornoye	3.97	26	flP	13 28 59.3	+0.3
PDGK	Podgornoye			Lg	13 29 58.7	
USP	Ospenovka	4.02	331	P	13 29 01.0	+1.6
USP	Ospenovka			flP	13 28 58.4	-1.0
USP	Ospenovka			flS	13 29 01.6	
KRBS	Karabastu	4.08	345	Pg	13 29 09.3	-0.4
KRBS	Karabastu			Lg	13 30 01.2	
KRBS	Karabastu	</				

Table with columns for station name, frequency, power, and other technical details. Includes stations like SMLA, WMQ, CGRH, JORI, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KNGR, BLSLP, GUWA, ZIRO, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ULN, Ulanbaatar, UOSS, Minazif, etc.

ADZR	comp=Z,19um,13.0s	MLR	MLR				
BR104	Keskin Array S 33.20 284	P	P	13 34 33.3	-1.5		
BR106	Keskin Array S 33.21 284	P	P	13 34 33.6	-1.3		
BR105	Keskin Array S 33.21 284	P	P	13 34 33.7	-1.3		
ASF	Jabal al Asfar 33.22 270	LR	LR	13 51 49.8			
HALK	Hakmana 33.68 174	P	P	13 34 42.0	+3.0		
HALK	Hakmana 33.68 174	P	P	13 34 41.8	+2.7		
ANTO	Ankara 33.79 285	Iamb	Iamb	13 34 39.3	-0.6		
ANTO	Ankara 33.79 285	Iamb	Iamb	13 35 17.1			
ANTO	Ankara 33.79 285	P	P	13 34 40.4	+0.5		
ANTO	Ankara 33.79 285	P	P	13 34 40.2	+0.3		
ANTO	Ankara 33.79 285	P	P	13 34 40.2	+0.3		
ANTO	Ankara 33.79 285	P	P	13 34 40.2	+0.3		
ANTO	Ankara 33.79 285	P	P	13 34 38.4	-1.5		
ANTO	Ankara 33.79 285	P	P	13 34 41.6	+1.7		
MMAI	Mount Meron Ar 34.02 272	P	P	13 34 42.3	+0.3		
DL2	Dalian 34.16 77	P	P	13 34 44.6	+1.6		
DL2		PP	PP	13 36 00.8	+0.6		
DL2		SS	SS	13 40 11.6	+2.4		
DL2		SSn	SSn	13 42 17.0	+0.1		
DL2	comp=Z,93nm,0.9s	Pmax	Pmax				
DL2	comp=Z,790nm,4.8s	LR	LR				
DL2	comp=Z,39um,17.5s	LR	LR				
DL2	comp=Z,28um,15.3s	LR	LR				
DL2	comp=Z,56um,18.0s	LR	LR				
BALJ	Balqa 34.22 270	P	P	13 34 43.1	-0.5		
NJ2	Nanjing 34.41 90	eP	eP	13 34 45.3	0.0		
NJ2		pP	pP	13 34 48.5	-0.4		
NJ2		PP	PP	13 35 56.9	-3.0		
NJ2		S	S	13 40 14.4	+1.2		
NJ2	comp=Z,25nm,0.9s	Pmax	Pmax				
NJ2	comp=Z,930nm,8.5s	LR	LR				
NJ2	comp=Z,39um,14.2s	LR	LR				
NJ2	comp=Z,48um,17.1s	LR	LR				
NJ2	comp=Z,31um,17.1s	LR	LR				
GHAJ	Ghor Haditha 34.61 269	P	P	13 34 46.5	-0.4		
GHAJ		Iamb	Iamb				
GZH2	Guangzhou 34.70 107	P	P	13 34 47.1	-0.7		
GZH2		pP	pP	13 34 52.5	-0.4		
GZH2		S	S	13 40 20.6	+2.9		
GZH2	comp=Z,44um,18.4s	LR	LR				
GZH2	comp=Z,49um,18.4s	LR	LR				
GZH2	comp=Z,56um,13.0s	LR	LR				
PURM	Purcar 34.71 297	Iamb	Iamb	13 34 47.5	-0.2		
UBPT	Khong Chiam 34.76 127	P	P	13 34 49.5	+1.1		
MDUB	Mudurnu 34.83 286	P	P	13 34 47.3	-1.7		
MDUB		Iamb	Iamb	13 35 25.0			
AK09	Malin Array Si 34.85 304	P	P	13 34 47.9	-1.0		
AK08	Malin Array Si 34.87 304	P	P	13 34 48.3	-0.8		
AK10	Malin Array Si 34.87 304	P	P	13 34 48.0	-1.1		
CSS	Mathiatis 34.88 276	P	P	13 34 46.7	-2.7		
AKASG	Malin Array Be 34.89 304	P	P	13 34 47.4	-1.8		
AKASG	comp=Z,34nm,1.1s,baz=79,slow=8.0,SNR=28	P	P	13 36 06.8	-1.3		
AKASG	comp=Z,19nm,0.7s,baz=79,slow=8.8,SNR=5.5	LR	LR	13 50 33.1			
AKASG	comp=Z,37um,21.2s,baz=82,slow=39	LR	LR				
AKASG	comp=Z,34nm,1.1s	Pmax	Pmax				
AKASG	Malin Array Be 34.89 304	eP	eP	13 34 50.2	+1.0		
AKASG		Pmax	Pmax				
AKB5	Malin Array Si 34.89 304	eP	eP	13 34 46.5	-2.7		
AKB5	Malin Array Si 34.89 304	P	P	13 34 48.3	-0.9		
AK03	Malin Array Si 34.89 304	P	P	13 34 48.3	-0.9		
SNY	Shenyang 34.89 71	Iamb	Iamb	13 34 48.8	-0.5		
SNY		S	S	13 40 20.0	-0.4		
SNY	comp=Z,13nm,1.1s	Pmax	Pmax				
SNY	comp=Z,740nm,5.3s	Pmax	Pmax				
SNY	comp=Z,30um,16.0s	LR	LR				
SNY	comp=Z,28um,14.7s	LR	LR				
SNY	comp=Z,37um,16.8s	LR	LR				
AK01	Malin Array Si 34.90 304	P	P	13 34 48.7	-0.6		
KIEV	Kiev 34.90 304	P	P	13 34 46.5	-2.7		
KIEV		Iamb	Iamb	13 35 00.8			
KIEV	comp=Z,126nm,1.1s	IAMS_20	IAMS_20	13 50 22.2			
KIEV	Kiev 34.90 304	IAMS_20	IAMS_20	13 50 22.2			
KIEV	Kiev 34.90 304	P	P	13 34 48.9	-0.3		
KIEV	Kiev 34.90 304	Iamb	Iamb	13 34 46.3	-2.9		
KIEV	SNR=15	P	P	13 34 47.9	-1.4		
KIEV	Kiev 34.90 304	P	P	13 34 46.6	-2.7		
AK02	Malin Array Si 34.90 304	P	P	13 34 48.7	-0.6		
AK05	Malin Array Si 34.90 304	P	P	13 34 48.6	-0.7		
AK07	Malin Array Si 34.90 304	P	P	13 34 48.3	-1.0		
AK06	Malin Array Si 34.91 304	P	P	13 34 48.5	-0.8		
QIZ	Qiongzong 34.91 117	P	P	13 34 51.7	+2.0		
QIZ	Qiongzong 34.91 117	S	S	13 34 50.8	+1.1		
QIZ		S	S	13 40 21.6	+0.5		
QIZ	comp=Z,54nm,1.6s	Pmax	Pmax				
QIZ	comp=Z,2um,7.3s	LR	LR				
QIZ	comp=Z,33um,17.4s	LR	LR				
QIZ	comp=Z,40um,18.5s	LR	LR				
QIZ	comp=Z,26um,11.3s	LR	LR				
AK04	Malin Array Si 34.93 304	P	P	13 34 48.6	-0.9		
AK11	Malin Array Si 34.93 304	P	P	13 34 48.6	-0.9		
AK12	Malin Array Si 34.93 304	P	P	13 34 48.6	-1.0		
AK23	Malin Array Si 34.95 305	P	P	13 34 48.3	-1.4		
AK15	Malin Array Si 34.95 304	P	P	13 34 48.7	-1.0		
AK14	Malin Array Si 34.97 304	P	P	13 34 48.8	-1.0		
PUL	Pulkovo 35.27 320	eP	eP	13 34 52.9	+0.6		
PUL		Pmax	Pmax				
PUL	comp=Z,108nm,0.9s	MLR	MLR				
BORA	BORA 35.53 286	Iamb	Iamb	13 34 53.3	-1.7		
BORA	Eskisehir 35.53 286	Iamb	Iamb	13 35 30.8			
SORM	Soroca 35.58 300	Iamb	Iamb	13 34 54.8	-0.5		
SORM	Soroca 35.58 300	P	P	13 34 54.7	-0.5		
TLCR	TLCR 35.62 295	P	P	13 34 55.2	-0.3		
TLCR	TLCR 35.62 295	P	P	13 34 55.2	-0.3		
JOF	Moensu 35.68 326	eP	eP	13 34 55.3	-0.5		
MNK	Minsk 35.81 311	iP	iP	13 34 57.9	+0.8		
MNK	comp=N,121nm,1.0s	iP	iP	13 34 57.9	+0.8		
MNK	comp=Z,237nm,0.8s,baz=93	PP	PP	13 36 18.2	0.0		
MNK		PPP	PPP	13 34 55.2	-0.3		
MNK		iS	iS	13 40 36.6	+2.3		
MNK		iSS	iSS	13 43 00.9	+4.4		
MNK		iSSS	iSSS	13 43 17.2			
MNK		iLQ	iLQ	13 47 32.8			
MNK		iLR	iLR	13 48 41.9			
MNK	comp=E,4um,11.7s	iLRM	iLRM	13 49 40.5			
MNK	comp=Z,25um,15.4s	iLRM	iLRM	13 50 30.8			

MNK	comp=N,14um,15.1s	iLRM	iLRM	13 50 34.7			
MNK	Minsk 35.81 311	iP	iP	13 34 57.8	+0.8		
MNK		iP	iP	13 36 18.2			
MNK		iPPP	iPPP	13 36 31.8			
MNK		iS	iS	13 37 24.8			
MNK		iSS	iSS	13 40 36.5	+2.3		
MNK		iSSS	iSSS	13 43 00.8	+4.4		
MNK		iSSS	iSSS	13 43 17.1			
MNK		i	i	13 45 16.3			
MNK	comp=N,121nm,1.0s	Pmax	Pmax				
MNK	comp=Z,237nm,0.8s	Pmax	Pmax				
MNK	comp=E,26nm,0.9s	MLR	MLR				
MNK	comp=E,4um,12.0s	MLR	MLR				
MNK	comp=Z,25um,15.0s	MLR	MLR				
MNK		MLR	MLR				
MNK	comp=N,14um,15.0s	LR	LR				
EIL	Eilat 35.82 267	LR	LR	13 52 48.4			
Changchun	comp=N,21um,21.0s,baz=84,slow=22	P	P	13 34 57.1	-0.4		
CN2	CN2 35.85 67	P	P	13 37 28.5	+3.7		
CN2		P	P	13 40 32.3	-2.8		
CN2		S	S				
CN2	comp=N,50nm,1.1s	Pmax	Pmax				
CN2	comp=N,800nm,4.0s	Pmax	Pmax				
CN2	comp=N,54um,12.0s	LR	LR				
CN2	comp=N,52um,12.0s	LR	LR				
CN2	comp=N,55um,12.0s	LR	LR				
LUBAR	Lubar, Ukraine 35.85 303	P	P	13 34 57.6	+0.1		
Mi28	Mi28, Pridlybu 35.87 305	P	P	13 34 57.7	+0.1		
HKPS	Hong Kong Po S 35.88 108	Iamb	Iamb	13 34 57.2	-0.8		
HKPS		Iamb	Iamb	13 35 01.9			
HKPS	comp=Z,223nm,1.0s	P	P	13 34 59.0	+1.0		
HKPS	Hong Kong Po S 35.88 108	P	P	13 34 59.0	+1.0		
CMBY	CAIMPBELL BAY 35.93 151	P	P	13 34 58.0	-0.1		
TPGR	Topolog 35.95 294	Iamb	Iamb	13 34 58.0	0.0		
VLDL	Vladesti 36.05 296	Iamb	Iamb	13 34 57.3	-2.3		
ISP	Isparta 36.06 282	eP	eP	13 34 58.6	-1.0		
ISP	Isparta 36.06 282	eP	eP	13 34 58.6	-1.0		
ISP	comp=Z,147nm,2.5s	Pmax	Pmax				
ISP	Isparta 36.06 282	eP	eP	13 34 59.8	+0.2		
ISP	Isparta 36.06 282	eP	eP	13 35 02.2	+2.6		
TATR	Tatarca 36.09 296	Iamb	Iamb	13 34 59.6	0.0		
CFR	Caraculiu 36.09 295	P	P	13 34 58.4	-1.2		
CFR	Caraculiu 36.09 295	P	P	13 34 58.3	-1.2		
SCTR	Scantelesti 36.11 296	Iamb	Iamb	13 34 59.1	-0.7		
VASR	Vaslui 36.12 298	Iamb	Iamb	13 34 59.3	-0.5		
ZEI	Zeya 36.28 50	eP	eP	13 35 01.4	+0.3		
ZEI		eS	eS	13 36 31.3			
ZEI		S	S	13 40 38.0	-3.5		
ZEI	comp=Z,100nm,1.9s	Pmax	Pmax				
ZEI	comp=Z,70nm,1.2s	Pmax	Pmax				
ZEI	comp=N,100nm,8.8s	Smax	Smax				
ZEI	comp=E,200nm,9.4s	Smax	Smax				
TUDR	Tudora 36.35 296	Iamb	Iamb	13 35 02.7	+0.9		
LVZ	Lovozero 36.40 334	Iamb	Iamb	13 35 10.0	-2.1		
LVZ	comp=Z,144nm,0.9s	IAMS_20	IAMS_20	13 50 39.5			
LVZ	comp=Z,36um,22.0s	P	P	13 35 03.3	+1.2		
LVZ	Lovozero 36.40 334	P	P	13 35 02.3	+0.2		
LVZ	Lovozero 36.40 334	P	P	13 35 00.2	-1.9		
LVZ	Lovozero 36.42 56	eP	eP	13 35 01.3	-1.0		
HEH	Heihe 36.42 56	eP	eP	13 35 06.0	+0.1		
HEH		PP	PP	13 36 30.3	+5.3		
HEH		S	S	13 40 44.8	+1.1		
HEH	comp=Z,240nm,1.3s	Pmax	Pmax				
HEH	comp=Z,37um,12.6s	LR	LR				
HEH	comp=Z,49um,10.7s	LR	LR				
HEH	comp=Z,69um,13.6s	LR	LR				
GHRR	Gharr 36.46 297	Iamb	Iamb	13 35 03.2	+0.4		
NACGM	Naroch 36.47 312	eP	eP	13 35 03.9	+1.2		
SURA	Surathani 36.49 141	P	P	13 35 02.5	-0.7		
SURA	Surathani 36.49 141	P	P	13 35 05.5	+2.3		
COSR	Cosmuli PH 36.56 296	Iamb	Iamb	13 35 03.1	-0.4		
SSE	Sheshan 36.62						

19d 13h

Table with columns for station call letters, frequency, and signal strength. Includes stations like KSRS, KARP, MSLI, VAF, etc.

2020 JAN

Table with columns for station call letters, frequency, and signal strength. Includes stations like JETT, JETT, JETT, Ostrava-Krasne, etc.

1270

Table with columns for station call letters, frequency, and signal strength. Includes stations like BLY, TREC, TREC, TREC, etc.

19d 13h

Table with columns for station call letters, name, frequency, power, and signal strength. Includes stations like WLF Waferdange, WLF Waferdange, WLF Waferdange, etc.

2020 JAN

Table with columns for station call letters, name, frequency, power, and signal strength. Includes stations like MCH1 Michaelchurch, MCH1 Michaelchurch, MCH1 Michaelchurch, etc.

1272

Table with columns for station call letters, name, frequency, power, and signal strength. Includes stations like MTE Manteigas, MTE Manteigas, MTE Manteigas, etc.

19d 13h

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like DZM, T25A, W52A, etc.

2020 JAN

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like PPT2, CPUP, ATAH, etc.

1276

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like NGJI, SNJI, LWLI, etc.

1DC 19 13:30:54.9,1.4,6.84S:107.44E,h0km,mb4,3/6, mbmp4,57,ML5,0/1,Error ellipse: s-maj=70.7km s-min=25.8km az=33.0

DJA 19 13:31:11.9,0.2,7.7S:4.10E,h148km,3km,M4,8/30, mB5,3/14,mb5,2/17,MLV4,8/30,Mw(m)B4,7/14

NEIC 19 13:12:9.1,4.7,17.5S:0.1x107.68E,0.08,h134km,5km, mb4,5/17,Error ellipse: s-maj=17.4km s-min=10.4km az=199.0

ISC 19 13:31:12.9,0.6,7.32S:0.06x107.61E,0.05,h143km,6km, mB4,4/15,az=97,mb4,3/12,Jawa

NEIC 19 13:39:32.4,1.2,39.6N:0.177,3E:0.1,h10km,2km, mb4,7/6,Error ellipse: s-maj=18.6km s-min=10.9km az=150.0

KRNET 19 13:39:32.6,0.1,39.92N:77.15E,h16km,mb4,3 ISC 19 13:39:32.5,3.5,39.73N:0.077,28E:0.06,h10km,2.5km, n34,i128/47,mb4,7/4,18C-8D,South Xinjiang

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like JNKS, JNKS, NRN, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Bishkek, Chumysh, Erkin-Say, Karamyk, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Maitube, Kurchatov, Borovoye, Zalesovo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Kurkuchatov, Borovoye, Zalesovo, etc.

BER 19 13:45:30.4±1.4, 66°50'N×13°75'E, h6km±14km, ML1.0, 1C,

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Raousandakla, Kongsvik, Vaagaholmen, etc.

MTBS Maitube 21nm,0.7s 3.41 351 Pg Pb 13 49 39.5 -1.4

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Maitube, Kurchatov, Borovoye, etc.

19d 13h

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Kurkuchatov, Borovoye, Zalesovo, etc.

IDC 19 13:47:45.3±3.8, 29°50'S×176°18'W, h0km, mb3.8/2,

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Raoul Island, Urewera, Alice Springs, etc.

MTBS Maitube 21nm,0.7s 3.41 351 Pg Pb 13 49 39.5 -1.4

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Maitube, Kurchatov, Borovoye, etc.

IDC 19 13:51:50.8±0.8, 39°79'N×77°16'E, h0km, mb4.0/15,

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Kashi, Naryn, Taragay, etc.

IDC 19 13:48:38.7±1.0, 39°76'N×77°12'E, h0km, mb3.7/10,

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Raoul Island, Urewera, Alice Springs, etc.

IDC 19 13:48:40.3±0.6, 39°76'N×04°77'16'E±0.03, h10km, n109,

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Kurchatov, Borovoye, Zalesovo, etc.

IDC 19 13:51:51.8±1.4, 39°88'N×04°77'07'E±0.03, h1km±8km,

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Kashi, Naryn, Taragay, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Jany-Kuch, Naryn, Taragay, Wushi, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Kurchatov, Borovoye, Zalesovo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Kashi, Naryn, Taragay, Wushi, etc.

19d 14h

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 AAA Alma-Ata, SATY Saty, KNDC Almaty, etc.

2020 JAN

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 MKAR Makanchi Array, MKAR Kurchatov Arra, etc.

1278

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 NRN Naryn, TARG Taragay, Kyrgyz, etc.

0.4nm,0.5s,baz=130,slow=7.7,SNR=2.5
BVAR Borovoye Array 56.08 326 P P 14 12 14.8 -0.1

MEX 19 14:04:16.9:0.4,14.16N:93.89W,h13km,102km,MD4.1
CATAC 19 14:04:16.4:0.7,14.16N:93.89W,h60km,MD2.11,
MLV4.2/11,Error ellipse: s-maj=10.4km s-min=5.6km
az=32.7,confirmed

GCG 19 14:04:18.5:1.1,14.15N:93.56W,h15km,13km,MD4.5,
Presumed earthquake

ISC 19 14:04:08.8:3.0,14.04N:0.06:94.03W,0.03,h12km,21km,
n58,az198/74,Off coast of Chiapas

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

SOME 19 14:04:08.8,39.92N:77.22E,h10km
KRNET 19 14:04:09.1:0.1,39.89N:77.24E,h18km,mb3.9
NNC 19 14:04:10.7:1.1,39.96N:77.23E,h0km,mb4.1,mpv3.7,
Error ellipse: s-maj=7.3km s-min=5.5km az=172.0

IDC 19 14:04:12.1:3.2,39.99N:77.29E,h0km,mb3.1/1,
mbtmp3.2/6,ML2.7/5,Error ellipse: s-maj=35.1km
s-min=21.3km az=74

ISC 19 14:04:12.3:1.4,39.87N:0.07:77.25E,0.04,h10km,n75,
az170/106,30C-4D,Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Southern Xinjiang region.

Main table with columns: KBK, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data.

Table with columns: TDK, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data.

RSPR 19 14:06:48.6:17.87N:66.82W,h4km,MD2.9/0.7
NEIC 19 14:06:48.0:0.7,17.82N:0.03:66.82W,0.00,
h11km,4km,ML2.6/37,MD2.97(RSPR),7C-2D,Euerto
Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Puerto Rico region.

IDC 19 14:22:59.8:0.5,39.76N:77.35E,h0km,mb4.5/29,
mbtmp4.6/35,ML4.1/6,MS4.7/32,Error ellipse:
s-maj=12.7km s-min=9.1km az=31.0

SOME 19 14:23:01.9,39.95N:77.45E,h5km
KRNET 19 14:23:01.8:0.1,39.91N:77.35E,h7km,mb5.5
BUJ 19 14:23:01.0,39.91N:77.40E,h10km,mb5.6/15,mb4.9/6/2,
ML5.5/10,Ms5.2/47,Ms7.4/9/44

NEIC 19 14:23:02.1:1.1,39.85N:0.07:77.43E,0.07,h10km,1km,
mb5.1/94,Mwv5.0/15,Error ellipse: s-maj=12.3km
s-min=6.5km az=148.0

NNC 19 14:23:03.5:0.8,39.98N:77.39E,h0km,mb5.6,mpv5.3,
Error ellipse: s-maj=5.9km s-min=4.9km az=156.0

GCMT 19 14:23:04.1:0.3,39.67N:0.02:77.38E,0.03,h18km,1km,
MW5.1/91,Moment Tensor Solution, s17,c18; s91,c127;
Duration: 0. Moment tensor: Scale 10^19Nm; Mr3.8z1.33;
Mw-3.4z2.21; Mw-0.41z1.16; Ms3.81z1.46; Mw-0.19z0.09;
Mw-0.51z-39; Best double couple: Ms5.28700z10^16
NP1:az268.00000z,az22.00000z,az95.00000z. NP2:
az84.00000z,az68.00000z,az88.00000z. Principal axes: T
5.4900,Plg67.0000z, Azm350.0000z; N -0.4120,
Plg2.0000z, Azm84.0000z; P -5.0840,Plg23.0000z,
Azm175.0000z; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

ISC 19 14:23:02.2:0.5,39.91N:0.02:77.32E,0.02,h11km,2km,
h11km:pp-P,n650,az98/697,mb5.0/118,MS4.9/54,
49C-39D,Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Southern Xinjiang region.

19d 14h

Table with columns for station name, frequency, power, and other technical details. Includes stations like TARG Taragay, KYRGY, WUSJ Wushi, KDJ Kajisay, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KPKS Kokpek, PDGK Podgomoye, KTBS Karatobe, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like DHRM, MK31 Makanchi Array, MKAR Makanchi Array, etc.

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19d 14h

TAM	Tamanrasset	62.10	277	P	P	14 33 23.9	+0.4
A19K	Wainwright	62.39	19	P	P	14 33 23.2	-1.2
A21K	Barrow	62.67	17	P	P	14 33 26.2	-0.1
C17K	DeLong Mountai	62.99	21	P	P	14 33 26.9	-1.7
GAMB	Gambell	63.24	28	P	P	14 33 29.2	-1.0
A22K	Sinclair Lake	63.27	17	P	P	14 33 30.3	0.0
RDOG	Red Dog Mine	63.34	21	P	P	14 33 29.2	-1.7
C18K	Utukok River	63.41	20	P	I Amb	14 33 31.3	-0.1
C18K	Utukok River	63.41	20	P	P	14 33 30.8	-0.7
TNA	Tin City	63.44	25	P	P	14 33 29.8	-1.7
B20K	Meade River	63.49	18	P	P	14 33 30.6	-1.2
C19K	Lookout Ridge	63.52	20	I Amb	I Amb	14 33 46.1	
C19K	Lookout Ridge	63.52	20	P	P	14 33 31.1	-1.0
D17K	Noatak River	63.53	22	P	P	14 33 31.5	-0.6
KRAI	Karang Ratu	63.53	120	P	P	14 33 36.8	+3.9
F14K	Arctic Creek	64.01	25	P	P	14 33 33.9	-1.4
B22K	Teshkpuuk Lake	64.11	17	P	P	14 33 34.0	-1.9
E17K	Hotham Inlet	64.31	22	P	P	14 33 35.6	-1.7
D19K	Kuna River	64.33	20	P	P	14 33 37.7	+0.2
D19K	Kuna River	64.33	20	P	P	14 33 34.7	-2.8
F15K	North Star Dit	64.39	24	P	P	14 33 35.0	-2.8
E18K	Tukpahleark C	64.42	21	P	P	14 33 35.2	-2.8
D20K	Etiyuk River	64.56	19	I Amb	I Amb	14 33 49.3	
D20K	Etiyuk River	64.56	19	P	P	14 33 36.9	-2.1
C21K	Knifeblade Rid	64.68	18	P	P	14 33 37.0	-2.7
ANM	Nome	64.91	25	I Amb	I Amb	14 33 52.5	
ANM	Nome	64.91	25	P	P	14 33 39.5	-1.8
F17K	Baldwin Pennin	64.92	22	I Amb	I Amb	14 33 58.8	
F17K	Baldwin Pennin	64.92	22	P	P	14 33 39.9	-1.3
E20K	Nigu River	65.00	19	P	P	14 33 40.8	-1.0
G15K	Niukuk	65.05	24	P	P	14 33 40.4	-1.7
C23K	Ikilik River	65.12	16	P	P	14 33 40.9	-1.6
F18K	Selawik	65.26	22	P	P	14 33 41.1	-2.4
G16K	Koyuk River	65.31	23	I Amb	I Amb	14 33 57.9	
G16K	Koyuk River	65.31	23	P	P	14 33 42.1	-1.7
E19K	Redstone River	65.31	20	P	P	14 33 42.1	-1.7
D22K	Ayikyak River	65.39	18	P	P	14 33 43.0	-1.3
RES	Resolute Bay	65.57	358	LR	LR	15 04 58.0	
F19K	Shalerucik Mo	65.62	21	P	P	14 33 44.8	-1.0
C24K	Franklin Bluff	65.62	16	P	P	14 33 44.5	-1.2
G17K	Kiwalik Mouna	65.75	23	P	P	14 33 44.5	-2.1
D23K	Nanushuk River	65.78	17	P	P	14 33 45.2	-1.7
H16K	Elim	65.86	24	P	P	14 33 45.6	-1.7
F20K	Avaraat Lake	66.01	20	P	P	14 33 48.4	+0.1
D24K	Happy Valley	66.05	16	P	P	14 33 46.9	-1.6
G18K	Tagagawik	66.05	22	P	P	14 33 47.2	-1.4
C26K	Camden Bay	66.23	15	P	P	14 33 48.1	-1.6
TOLK	Toolik Lake Re	66.29	17	P	P	14 33 47.7	-2.4
G19K	Purcell Mouna	66.31	21	P	P	14 33 47.8	-2.4
H17K	Granite Mouna	66.37	23	P	P	14 33 48.5	-2.1
D25K	Kavik River	66.43	16	P	P	14 33 49.0	-2.1
F21K	Alatina River	66.46	19	P	P	14 33 48.4	-2.8
H18K	Honhosa River	66.67	22	P	P	14 33 50.1	-2.5
C27K	Jago River	66.71	14	P	P	14 33 51.1	-1.6
J14K	Nanvranak Lak	66.73	26	P	P	14 33 50.8	-2.1
E23K	Chandalar	66.74	17	P	P	14 33 51.3	-1.8
H17K	Unalakleet	66.87	24	P	P	14 33 51.7	-2.1
K13K	Kusilvak Mount	66.91	27	P	P	14 33 52.7	-1.4
H19K	Roundabout Mou	66.94	21	P	P	14 33 54.0	-0.2
E24K	Your Creek	66.99	17	P	P	14 33 54.1	-0.5
G21K	Allakaket	67.00	20	P	P	14 33 52.2	-2.4
COLD	Coldfoot	67.27	18	I Amb	I Amb	14 34 06.5	
COLD	Coldfoot	67.27	18	P	P	14 33 53.9	-2.4
A36M	Sachs Harbour	67.27	7	P	P	14 33 54.8	-1.5
J16K	Anvik River	67.33	25	P	P	14 33 53.6	-3.2
M11K	Mekoryuk	67.40	29	P	P	14 33 53.6	-3.6
GCSA	Galena City Sc	67.40	22	P	P	14 33 55.1	-2.1
H20K	Antoleneqa Mo	67.41	21	P	P	14 33 55.9	-1.4
F24K	Squaw Lake	67.57	17	P	P	14 33 58.2	-0.2
E25K	Arctic Village	67.59	16	P	I Amb	14 33 58.0	-0.4
E25K	Arctic Village	67.59	16	P	P	14 34 08.7	
E25K	Arctic Village	67.59	16	P	P	14 33 58.2	-0.2
G23K	Bananua Creek	67.72	18	P	P	14 33 57.5	-1.8
K15K	Wolf Creek Mou	67.73	26	P	P	14 33 57.9	-1.5
J17K	VABM Dome	67.73	24	I Amb	I Amb	14 34 16.9	
J17K	VABM Dome	67.73	24	P	P	14 33 57.2	-2.1
H21K	Melozitna Rive	67.84	20	P	P	14 33 57.5	-2.5
D28M	Stokes Point	67.88	13	P	P	14 33 58.9	-1.2
L14K	Kuka Creek	68.00	27	P	P	14 34 01.0	0.0
F25K	Christian River	68.01	16	I Amb	I Amb	14 34 11.2	
F25K	Christian River	68.01	16	P	P	14 33 59.7	-1.4
H22K	Ishlaltina Cre	68.03	19	P	P	14 34 00.2	-1.0
I20K	Naaghedeneel	68.05	21	P	P	14 34 01.3	+0.1
L15K	Ungalak Mouna	68.18	26	P	P	14 34 01.6	-0.6
F26K	Sheenjek River	68.24	16	P	P	14 34 01.5	-1.0

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J19K	Poorman	68.33	22	I Amb	I Amb	14 34 20.6	
J19K	Poorman	68.33	22	P	P	14 34 02.7	-0.3
G24K	Hadweenciz Riv	68.33	18	I Amb	I Amb	14 34 13.5	
G24K	Hadweenciz Riv	68.33	18	P	P	14 34 02.9	-0.1
E27K	Coleen River	68.34	15	P	P	14 34 02.9	-0.2
E28M	Babbage River	68.37	14	P	P	14 34 02.0	-1.3
BMAR	Burton Mountain	68.37	16	P	P	14 34 03.8	+0.4
J18K	Innok River	68.40	23	P	P	14 34 02.1	-1.4
M13K	Dall Lake	68.42	28	P	P	14 34 02.2	-1.4
I21K	Tanast	68.43	20	P	P	14 34 02.3	-1.4
K17K	Iditarod	68.47	24	P	P	14 34 02.5	-1.4
J20K	Novinta River	68.61	22	P	P	14 34 03.5	-1.4
M14K	Bethel	68.67	27	P	P	14 34 03.4	-1.8
L16K	Owhat River	68.83	25	P	P	14 34 05.5	-0.7
E29M	Blow River	68.85	13	P	P	14 34 05.0	-1.3
MLY	Manley	68.87	20	P	P	14 34 05.1	-1.5
L17K	Donlin	68.90	25	P	P	14 34 05.6	-1.1
H24K	Noodor Dome	68.94	18	I Amb	I Amb	14 34 17.6	
H24K	Noodor Dome	68.94	18	P	P	14 34 05.5	-1.4
FYU	Fort Yukon	68.95	17	I Amb	I Amb	14 34 17.3	
I23K	Minu Yukon-K	69.13	19	P	P	14 34 05.6	-2.4
M15K	Kasigluk River	69.15	27	P	P	14 34 06.8	-1.5
F28M	Old Crow	69.17	14	I Amb	I Amb	14 34 18.9	
F28M	Old Crow	69.17	14	P	P	14 33 05.5	-2.8
K20K	Telida	69.27	22	P	P	14 34 06.8	-2.2
L18K	Granite Mouna	69.34	24	I Amb	I Amb	14 34 14.4	
L18K	Granite Mouna	69.34	24	P	P	14 34 07.2	-2.2
CHUM	Lake Minchumin	69.35	21	P	P	14 34 05.9	-3.5
N14K	Kuskokwak Cree	69.36	27	P	P	14 34 09.7	+0.2
M16K	Timber Creek	69.50	26	P	P	14 34 08.6	-1.8
G27K	Doyon Strip	69.51	15	P	P	14 34 09.1	-1.4
BPWA	Bear Paw Mtn.	69.55	20	P	P	14 34 09.6	-1.1
POKA	Poker Plat Res	69.64	19	P	P	14 33 05.5	-0.7
INK	Inuvik	69.65	12	P	P	14 34 08.5	-2.6
NEA2	Nenana	69.66	19	P	P	14 34 10.3	-1.0
M17K	Hollita River	69.72	25	P	P	14 34 09.2	-2.5
COLA	College	69.73	19	P	P	14 34 09.3	-2.4
N15K	Kwethluk River	69.74	27	P	P	14 34 10.7	-1.1
PRP	Porcupine Dome	69.76	18	P	P	14 34 12.0	-0.1
F30M	Barrier River	69.91	13	I Amb	I Amb	14 34 13.1	+0.3
F30M	Barrier River	69.91	13	P	P	14 34 23.1	
F30M	Barrier River	69.91	13	P	P	14 34 12.8	-0.1
C36M	Paulatuk	69.91	8	P	P	14 34 12.0	-0.8
CCB	Clear Creek Bu	69.93	19	I Amb	I Amb	14 34 13.2	+0.2
CCB	Clear Creek Bu	69.93	19	P	P	14 34 43.1	
L19K	White Mountain	69.93	23	P	P	14 34 13.5	+0.4
L19K	White Mountain	69.93	23	I Amb	I Amb	14 34 24.2	
L19K	White Mountain	69.93	23	P	P	14 34 11.6	-1.5
N16K	Nishlik Lake	69.96	26	P	P	14 34 12.5	-0.8
O14K	Tiyukuiwet M	69.98	28	P	P	14 34 13.5	+0.1
H27K	Steamboat Moun	70.04	16	P	P	14 34 10.9	-2.8
ILAR	Eielson Array	70.06	19	P	P	14 34 12.9	-0.8
ILAR	Eielson Array	70.06	19	LR	LR	15 09 15.2	
G29M	Pine Creek	70.13	14	P	P	14 34 13.6	-0.6
M18K	Stony River	70.16	24	P	P	14 34 13.4	-1.1
PPLA	Purkville	70.16	22	P	P	14 34 12.7	-2.0
TRF	Thorofare Moun	70.25	21	P	P	14 34 13.2	-2.0
HDA	Harding Lake	70.34	19	P	P	14 34 15.0	-0.5
MCK	McKinley	70.39	20	P	P	14 34 14.8	-1.1
G30M	Atoh Zrai Nji	70.40	13	P	P	14 34 13.8	-2.1
F31M	Tsigheitchic	70.40	12	I Amb	I Amb	14 34 25.7	
F31M	Tsigheitchic	70.40	12	P	P	14 34 13.1	-2.7
N17K	Nushagak Hills	70.45	25	P	P	14 34 15.9	-0.4
O15K	Ungalikthiuk R	70.55	27	P	P	14 34 15.7	-1.1
J25K	Salcha River,	70.55	18	P	P	14 34 16.0	-0.9
I27K	Kandik River	70.56	16	P	P	14 34 15.9	-1.0
H29M	Whitestone	70.68	15	P	P</		

19d 14h

Table with columns for station call letters, frequency, and signal strength. Includes stations like KUU, SGDS, KTMES, etc.

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Table with columns for station call letters, frequency, and signal strength. Includes stations like BHK, KBL, WMO, etc.

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Table with columns for station call letters, frequency, and signal strength. Includes stations like MORE, LZDM, LZH, etc.

19d 16h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SDV Santo Domingo, ROSC El Rosal, BOAB BOACO BROADBAND, etc.

NOU 19 15:59:49.9, 47:34S:166:46E, h0km, mb4.2/6, Off W. Coast of S. Island, N.Z., Off west coast of South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like APZ The Paps, PYZ Puysegur Point, WHZ Wether Hill Ro, etc.

WRA 19 16:08:09.8, 3.2, 0.75N:129:25E, h0km, mb3.1/3, mbtmp3.2/3, Error ellipse: s-maj=251.3km s-min=26.7km az=69.0, Halmaheira

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

SOME 19 16:18:53.6, 39:90N:77:42E, h15km KRNET 19 16:18:54.1, 0.1, 39:85N:77:36E, h35km, mb3.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JNKS Jany-Kuch, NRN Naryn, TARG Taragay, Kyrgy, etc.

2020 JAN

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like UCH Uchtor, IZV Izvestkoviy, KBK Karagaybulak, etc.

SOF 19 16:20:25.8, 41:73N:0:01:22:15E:0:01, h13km, 2km, MD2.6/3 SKO 19 16:20:26.6, 41:70N:22:17E, h20km, ML2.2

BEO 19 16:20:27.3, 0.4, 41:76N:22:20E, h0km, ML1.9/8

ISC 19 16:20:26.6, 1.1, 41:75N:0:03:22:20E:0.03, h11km, 10km, n23, c1501/39, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VAY Valadovo, KKB Krupnik, BOSS Bosilegrad, etc.

BLSH Balsha 1.37 35 P Pg 16 20 53.1 +0.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BLSH Zavoj, ZAPS Zaporizhzhia, SELS Selova, etc.

TAP 19 16:27:24.5, 21:88N:121:65E, h23km, ML3.5, D JMA 19 16:27:28.0, 0.6, 22:12'N x 121:8E:0:8, h16km, MV3.5/15, TAIWAN REGION

ISC 19 16:27:24.6, 1.4, 21:93N:0:05:121:74E:0:04, h17km, 8km, n83, c1513/98, 1C-1D, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LYUB Lan-yu, TSEB Hengchun, SMST Manzhou Townsh, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ECL Taimali, TWGB Beinan, TWGB Beinan, etc.

NEIC 19 16:44:18.3, 1.0, 17:89N:0:03:66:98W:0:02, h8km, 3km, ML2.6/35, MD2.6/R(RSPR), Error ellipse: s-maj=4.6km s-min=1.5km az=199.0

SDD 19 16:44:18.0, 2.0, 17:85N:67:02W, h12km, 17km, MD3.4, ML2.6, MW2.7, Presumed earthquake

RSPR 19 16:44:18.5, 17:92N:66:98W, h5km, MD2.6/8

ISC 19 16:44:18.5, 1.3, 17:89N:0:06:66:98W:0:02, h9km, 7km, n35, c063/52, 17C-4D, Puerto Rico region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MLPR Magueyes Islan, GBPR Guanica, GBPR Guanica, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like San Juan, Patillas Dam, Guaynabo City, etc.

IDC 19 16:44:43.5:8.2, 17.96Sx178.41W, h492km, 90km, mb3.1/7, mbtmp3.9/7, Error ellipse: s-maj=55.5km s-min=29.1km az=138.0

NEIC 19 16:44:48.8: 1.1, 17.9S:0.2x178.5W:0.1, h542km, 8km, mb4.2/20, Error ellipse: s-maj=25.0km s-min=12.3km az=147.0

ISC 19 16:44:48.7:0.7, 18.1S:0.2x178.5W:0.1, h550km, n36, c054/37, mb4.0/17, Fiji Islands region

Main table of seismic events with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations and their recorded data for multiple events.

THE 19 16:47:46.2, 40'N:25'x2'0E:3.4, h18km, 25km, M2.2/8, MLh2.2/8

ATH 19 16:47:46.8, 40'18N:19.95E, h9km, 1km, ML2.3/7, Manual Solution by S.Liakopoulos First location: 2020/01/19 16:48:55, This location: 2020/01/19 18:33:23 ML

Amplitudes are expressed in degrees Latitude uncertainty: 1 km; Longitude uncertainty: 2 km

ISC 19 16:47:45.8: 1.3, 40.21N:0.05x19.88E:0.05, h10km, 11km, n20, c057/29, Albania

Table of seismic stations with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like VLO, IGT, LFKM, etc.

TIR 19 16:48:44.3, 41'81N:20.17E, h17km, Md2.7/4, Ml2.7/3

PDG 19 16:44:49.0:5.41, 17.8N:20.14E, h0km, 1km, ML2.9/12, Error ellipse: s-maj=1.2km s-min=1.2km az=0.0

BE0 19 16:48:45.6:0.5, 41.85N:20.26E, h1km, 2km, ML2.4/14

ISC 19 16:48:44.9:1.0, 41.79N:0.02x20.18E:0.02, h9km, 8km, n51, c097/84, 6C-6D, Albania

Table of seismic stations with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Peshkopia, Arslanbob, etc.

Table of seismic stations with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like PHP, TIR, SDA, etc.

SOME 19 16:52:56.7, 40'00N:77.08E, h5km KRNET 19 16:52:57.2:0.1, 39.77N:77.11E, mb3.6

ISC 19 16:52:55.6:2.1, 39.73N:0.08x77.13E:0.05, h9km, 14km, n44, c187/80, 24C-12D, Southern Xinjiang

Table of seismic stations with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like JNKS, NNRN, TARG, etc.

Table of seismic stations with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like ARSB, FRU1, DGS, etc.

NEIC 19 16:57:14.3:0.8, 17.75N:0.03x66.83W:0.01, h10km, 1km, ML3.3/36, Md2.7/11(RSPR), Error ellipse: s-maj=4.5km s-min=2.9km az=4.0

SDD 19 16:57:14.8:2.4, 17.74N:66.85W, h19km, 26km, MD3.6, ML3.4, MW3.8, Presumed earthquake

RSPR 19 16:57:15.5, 17.83N:66.83W, h6km, MD2.7/11

ISC 19 16:57:15.9:1.2, 17.85N:0.06x68.1W:0.02, h12km, 6km, n42, c09/65, 18C-9D, Puerto Rico region

Table of seismic stations with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like GBPR, CRPR, UPRP, etc.

YUK	Yuzh-Kuril'sk	48.14	21d	iP	P	17 06 46.9	+0.2
YUK				i	pP	17 07 16.1	-1.5
YUK				i	PPP	17 09 33.0	
YUK				i	SS	17 13 36.2	+0.9
YUK				i	SS	17 14 29.8	+3.0
YUK				i	SS	17 17 06.3	-0.2
YUK	comp=N,198nm,1.1s				pmx		
YUK	comp=Z,985nm,1.1s				pmx		
YUK	comp=E,192nm,0.8s				pmx		
NGP	Nagpur	48.52	299	eP	P	17 06 49.3	-0.8
NGP				i	IaMb	17 06 52.8	
BRCI	Bahraich	48.92	308	eP	P	17 06 52.4	-0.6
BRCI				i	IaMb	17 06 56.5	
LKN	Lucknow	49.15	306	eP	P	17 06 54.1	-0.6
LKN				i	IaMb	17 06 58.4	
HIA	Hailar	49.29	357	IaMb	IaMb	17 07 00.9	
HIA	Hailar	49.29	357	P	P	17 06 56.0	+0.5
HIA	Hailar	49.29	357	P	P	17 06 53.8	-1.7
HILR	Hailar Array B	49.58	357	P	P	17 06 57.9	+0.2
HILR				ScP	ScP	17 12 01.4	+1.1
HILR	comp=Z,77nm,1.1s,baz=163,slow=5.7,SNR=11			LR	LR	17 30 36.7	
HILR	comp=Z,3um,18.8s,baz=115,slow=39						
HILR	comp=Z,260nm,0.5s						
YSS	Yuzhno-Sakhali	49.71	17	P	P	17 06 58.8	+0.3
YSS				i	IaMb	17 07 00.3	
YSS	Yuzhno-Sakhali	49.71	17	P	P	17 06 59.9	+1.3
YSS				i	P	17 06 59.1	+0.5
YSS				e	SP	17 07 27.7	-1.9
YSS				e	SP	17 07 44.2	+0.5
YSS				e	S	17 08 55.6	
YSS				e	S	17 13 53.9	-3.3
YSS				e	S	17 16 34.7	
YSS				e	SS	17 17 33.6	+2.1
YSS	comp=Z,280nm,1.1s				pmx		
YSS	comp=Z,2um,5.4s				pmx		
YSS	comp=N,700nm,4.2s				pmx		
YSS	comp=N,2um,7.3s				MLR		
YSS	comp=Z,1um,16.0s				MLR		
YSS	comp=N,800nm,18.0s				MLR		
YSS	comp=E,590nm,18.0s				MLR		
YSS	Yuzhno-Sakhali	49.71	17	iP	P	17 06 59.0	+0.4
KUR	Kuril'sk	49.91	22c	iP	P	17 06 59.3	-0.8
KUR				e		17 08 18.5	
KUR				e	PPP	17 08 55.9	
KUR				i	S	17 09 54.4	
KUR				i	S	17 13 57.7	-2.3
KUR				i	S	17 16 38.2	
KUR				e	SS	17 17 37.3	+2.6
KUR					pmx		
KUR	comp=Z,594nm,1.5s				pmx		
KUR	comp=N,291nm,1.3s				pmx		
KUR	comp=E,150nm,1.3s				pmx		
KUR	comp=Z,3um,3.7s				MLR		
ULN	Ulaanbaatar	49.94	345	P	P	17 07 00.5	0.0
ULN				i	IaMb	17 07 02.4	
ULN	Ulaanbaatar	49.94	345	P	P	17 07 00.9	+0.4
ULN	Ulaanbaatar	49.94	345	P	P	17 07 00.9	+0.4
ULN	Ulaanbaatar	49.94	345	P	P	17 07 00.9	+0.4
ULN	Ulaanbaatar	49.94	345	P	P	17 13 59.1	-1.6
ULN	Ulaanbaatar	49.94	345	P	P	17 14 01.3	-3.3
ULN	Ulaanbaatar	49.94	345	P	P	17 07 00.5	0.0
ULN	Ulaanbaatar	49.94	345	P	P	17 07 00.0	-0.5
ULN	Ulaanbaatar	49.94	345	P	P	17 06 58.0	-2.5
ULN	Ulaanbaatar	49.94	345	P	P	17 07 29.8	-2.2
SOMM	Songino Array	50.08	345	P	P	17 07 01.5	0.0
SOMM				PP	PP	17 09 00.8	+2.8
SOMM	comp=Z,71nm,1.1s,baz=172,slow=8.1,SNR=3.6			ScP	ScP	17 12 04.2	+1.5
SOMM	comp=Z,14nm,0.8s,baz=158,slow=4.3,SNR=4.6			LR	LR	17 29 39.7	
SOMM	comp=Z,4um,2.1s,baz=154,slow=36					17 37 54.4	
SOMM	comp=Z,2.4nm,1.1s,baz=312,slow=2.0,SNR=5.0			PKPPKP	PKPPKP	17 44 33.3	
SOMM	comp=Z,0.5nm,0.5s,baz=163,slow=5.0,SNR=4.9			P4KPbc	P4KPbc		
SOMM	comp=Z,115nm,0.8s						
SOMM	Songino Array	50.08	345	P	P	17 07 01.6	0.0
AKL	Akolia	50.16	297	eP	P	17 07 01.9	-0.7
HEH	HeiHe	50.25	3	iP	P	17 07 02.8	+0.2
HEH				sP	sP	17 07 46.6	-2.5
HEH				ScP	ScP	17 12 02.8	-0.4
HEH				S	S	17 14 01.3	-3.3
HEH				ScS	ScS	17 16 38.9	-1.1
HEH					pmx		
HEH	comp=Z,570nm,1.2s				pmx		
JHNI	Jhansi	50.46	304	eP	P	17 07 04.1	-0.6
NRDN	NARMADA NAGAR	50.69	300	eP	P	17 07 05.9	-0.6
NRDN				i	IaMb	17 07 11.9	
KAAM	Kaadhehdhoo	50.80	271	P	P	17 07 06.1	-1.3
KAAM				i	IaMb	17 07 09.6	
KAAM	Kaadhehdhoo	50.80	271	P	P	17 07 05.8	-1.6
KAAM				SNR=5.1			
KAAM	Kaadhehdhoo	50.80	271	P	P	17 07 07.9	+0.5
PTH	Pithoragarh	50.94	309	eP	P	17 07 07.6	-0.9
PTH				i	IaMb	17 07 10.1	
LGTI	Lohaghat	50.95	309	eP	P	17 07 07.8	-0.7
LGTI				i	IaMb	17 07 10.1	
HMDM	Harimaadho	50.95	279	P	P	17 07 08.0	-0.5
GUNA	GUNA	51.23	302	eP	P	17 07 09.8	-0.7
GUNA				i	IaMb	17 07 12.5	
UGL	Uglegorsk	51.45	15	iP	P	17 07 12.5	+0.9
UGL				e	S	17 09 07.5	
UGL				e	S	17 14 14.8	-6.4
UGL	comp=N,200nm,1.0s				pmx		
UGL	comp=E,500nm,1.0s				pmx		
UGL	comp=Z,900nm,1.1s				pmx		
UGL	comp=E,800nm,1.3s				pmx		
UGL	comp=N,1um,2.2s				pmx		
UGL	comp=Z,4um,2.2s				smx		
UGL	comp=E,4um,9.4s				smx		
UGL	comp=N,6um,4.2s				smx		
H08S2	Diego Garcia H	51.68	260	P	P	17 07 13.4	-0.3
H08S2				baz=54,slow=9.6,SNR=16			
H08S3	Diego Garcia H	51.69	260	P	P	17 07 12.6	-1.1
H08S3				baz=54,slow=9.6,SNR=23			
DGAR	Diego Garcia	51.70	261	P	P	17 07 12.9	-1.2
DGAR				i	IaMb	17 07 16.9	
DGAR	Diego Garcia	51.70	261	eP	P	17 07 13.3	-0.8
DGAR				i	pmx		
DGAR	comp=Z,219nm,0.9s						
DGAR	Diego Garcia	51.70	261	P	P	17 07 13.3	-0.8
DGAR	Diego Garcia	51.70	261	iP	P	17 07 13.3	-0.8

DGAR	Diego Garcia H	51.70	260	iP	P	17 07 16.6	+2.5
H08S1	Diego Garcia H	51.70	260	P	P	17 07 12.8	-1.0
H08S1				baz=54,slow=9.6,SNR=16			
KAD	Karad	51.79	292	eP	P	17 07 13.8	-1.0
GRNR	Gorny	51.80	10	iP	P	17 07 15.3	+1.1
GRNR				comp=E,40nm,0.9s	pmx		
GRNR				comp=N,230nm,1.2s	pmx		
GRNR				comp=Z,410nm,1.1s	pmx		
JOSI	Joshimath	51.88	310	eP	P	17 07 14.8	-0.7
JOSI				i	IaMb	17 07 18.1	
CIT	Chita	52.64	352	eP	P	17 07 20.6	+0.1
CIT				e		17 07 45.8	
CIT				comp=Z,450nm,1.3s	pmx		
BISR	Bishrakh	52.67	307	eP	P	17 07 20.5	-0.6
BISR				i	IaMb	17 07 21.8	
AYAN	Aya Nagar	52.89	307	eP	P	17 07 22.0	-0.7
AYAN				i	IaMb	17 07 24.6	
NPLP	NPLP New Delhi	52.92	307	eP	P	17 07 22.3	-0.6
NPLP				i	IaMb	17 07 23.9	
TYV	Tymovskoe	53.24	15	eP	P	17 07 26.2	+1.4
TYV				e	S	17 14 42.9	-2.6
TYV				comp=Z,175nm,1.2s	pmx		
TYV				comp=Z,2um,3.9s	smx		
TYV				comp=N,28nm,2.3s	smx		
TYV				comp=N,4um,5.6s	smx		
ZAK	Zakamensk	53.24	344	eP	P	17 07 24.2	-0.8
ZAK				i	pmx		
JHJR	Jhajar	53.33	307	eP	P	17 07 25.1	-0.8
ZEA	Zeya	53.72	3	eP	P	17 07 28.2	-0.1
ZEA				e	S	17 14 54.4	+2.4
ZEA				e	S	17 17 05.8	
ZEA				comp=E,100nm,0.8s	pmx		
ZEA				comp=N,90nm,1.2s	pmx		
ZEA				comp=Z,140nm,0.9s	pmx		
KKR	Kurukshetra	53.74	308	eP	P	17 07 28.0	-0.9
AJM	Ajmer	54.15	303	eP	P	17 07 31.4	-0.5
WMQ	Urumqi	54.28	328	iP	P	17 07 33.3	+0.6
WMQ				sP	sP	17 08 12.3	-7.0
WMQ				PcP	PcP	17 08 37.0	+1.9
WMQ				PP	PP	17 09 37.5	+1.5
WMQ				ScP	ScP	17 12 23.4	+2.4
WMQ				S	S	17 15 01.6	+1.6
WMQ				ScS	ScS	17 17 07.3	-1.4
WMQ				pmx	pmx		
WMQ	comp=Z,170nm,1.3s				pmx		
WMQ	comp=Z,3um,3.6s				LR		
WMQ	comp=Z,9um,20.9s				LR		
WMQ	comp=Z,4um,21.7s				LR		
WMQ	comp=Z,5um,24.9s				LR		
UDPR	Udaipur	54.30	301	eP	P	17 07 32.3	-0.7
UDPR				i	IaMb	17 07 35.2	
UDPR				comp=Z,2um,0.7s	P		
UDPR	Talaya	54.32	345	P	P	17 07 32.9	+0.2
UDPR				i	IaMb	17 07 35.3	
UDPR	Talaya	54.32	345	iP	P	17 07 33.0	+0.2
UDPR				P	pmx		
UDPR	Talaya	54.32	345	P	P	17 07 32.9	+0.2
UDPR				P	P	17 07 32.9	+0.2
UDPR	Talaya	54.32	345	P	P	17 07 32.9	+0.2
UDPR	IRK	54.67	345	eP	P	17 07 33.6	-1.6
UDPR				IRK	pmx		
UDPR	comp=Z,336nm,2.2s				pmx		
BHK	Bhakra	54.70	310	eP	P	17 07 32.1	-3.7
BHK				i	IaMb	17 07 38.3	
NKL	Nikolayevsk	54.90	12	eP	P	17 07 35.3	-1.4
NKL				e	S	17 15 07.8	+0.1
NKL				comp=E,515nm,1.3s	pmx		
NKL				comp=N,595nm,1.2s	pmx		
NKL				comp=Z,2um,1.4s	smx		
NKL				comp=E,2um,3.3s	smx		
NKL				comp=N,1um,4.8s	smx		
MOY	Mondy	55.05	343	eP	P	17 07 38.4	+0.3
MOY				comp=Z,345nm,1.9s	pmx		
KNGR	Kungurtug, Tuv	55.24	340	eP	P	17 07 40.6	+1.1
KNGR				comp=Z,74nm,1.0s	pmx		
TLWR	Talawar	55.27	310	eP	P	17 07 39.3	-0.6
TLWR				i	IaMb	17 07 42.1	
ALCI	Alchi Leh	55.36	313	eP	P	17 07 39.9	-1.0
TSSA	Tissa	55.50	311	eP	P	17	

19d South

Table with columns for station name, frequency, power, and other technical details. Includes stations like SNZO, KBL, SGDS, BKZ, etc.

2020 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like SMDO, BIDO, MSEY, etc.

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

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like K29M Barlow Dome, LUBAR Lubar, BJO1 Bjornoya, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like TAOE comp=Z,2um,29.4s, BROLN Thalgong, R32K Eaglecrest, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like OJC Ojcow, PSZ Piszkesteto, LANS Liptovska Anna, etc.

Table of astronomical observations for stations 19d and 17h. Columns include station name, coordinates, time, and various parameters like Sdifi, pmax, and Sdifi.

Table of astronomical observations for stations 2020 JAN. Columns include station name, coordinates, time, and various parameters like Sdifi, pmax, and Sdifi.

Table of astronomical observations for stations 1298. Columns include station name, coordinates, time, and various parameters like Sdifi, pmax, and Sdifi.

NEIC 17:06:49.0, 0.7, 17:86N, 0.03:66:818W, 0.007, h1(km) 1km, ML2, 6.3/4, Md2, 6.9(RSPR), Error ellipse: s-nmaj=4.8km s-min=2.7km az=353.0 RSPR 19:12:05.49, 2.1, 17:87N, 6.83W, h2(km) Md2, 6.9 SDD 19:17:06:50.4, 1.8, 17:91N, 6.83W, h2(km) 16km, MD3.4, ML2.7, MWV3.1, Presumed earthquake ISC 19:17:06:49.2, 1.2, 17:88N, 0.06:66:82W, 0.02, h1(km) 6km, n35, 0:57:57.3, 16C-3D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like MLPR 671nm,0.3s, OBIP Obispad Ponce, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like HELM Malatya_Hekimh, SUSE Susehri, SUVA Sivas-Altinyay, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like SJG San Juan, PDPF Patillas Dam, GCPR Guaynabo City, etc.

IDC 19 18:14:18.6;2.1,33.16N;141.97E,h0km,mb3.5/5, mbmp3.5/6,ML2.5/1,MS3.7/3, Error ellipse: s-maj=60.4km s-min=20.2km az=63.0

ISC 19 18:14:24.6;1.7,33.1N;141.8E;0.22,h40km,n9, o=972/8,mb3.5/5,MS3.7/3, Off east coast of Honshu

SOME 19 17:09:22.8,39.92N,77.52E,h5km KRNET 19 17:09:24.2,0.1,39.86N,77.32E,h35km,mb3.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like Code Station Name Az Phase ID, JNKS Jany-Kuch, NNRN Naryn, etc.

ISC 19 17:09:25.8,1.8,39.93N;0.08;77.31E;0.05,h10km,n19, r=169/33,16C-6D,Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like Code Station Name Az Phase ID, KARA Karaisali, KNAM Kaman, etc.

RSRPR 19 18:06:39.6,17.84N,66.88W,h7km,MD3.0/10 NEIC 19 18:06:38.9,0.5,17.80N,66.88W,0.01,h10km,1km, ML2.8/34,MD3.0/10(RSPR),5C-6D, Error ellipse: s-maj=4.3km s-min=2.7km az=6.0, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like Code Station Name Az Phase ID, GBPR Guanica, Bosqu, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like JHJ Hachiojima 2, MJAR Matsushiro Arr, MJAR Makanchi Array, etc.

IDC 19 18:26:15.9;56.0,16.41S;-173.00W,h0km,mb3.7/3, s-mbjmp=3.7/3,MS3.6/2, Error ellipse: s-maj=1073.0km s-min=191.8km az=80.0,Samosa Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like CTA Charters Tower, STKA Stephens Creek, WRA Warramunga Arr, etc.

SOME 19 18:39:57.1,41.05N,83.62E,h10km NNC 19 18:39:59.9,1.6,41.14N,83.54E,h0km,mb4.1,mpv3.8, Error ellipse: s-maj=13.6km s-min=9.3km az=1.0

ISC 19 18:39:52.6;3.5,40.93N;-83.6E;0.1,h10km,n22, r=184/30,3C,Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like Code Station Name Az Phase ID, KTMS Ketmen, KTMS Karlova-Bingo, etc.

SATY 17m,0.5s 4.46 301 Pg 18 41 17.7 -0.2 SATY 6.3m,0.4s 18 42 16.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like Code Station Name Az Phase ID, KPKS Kokepk, KNOS Konyrien, etc.

ISK 19 17:35:12.9,39.54N,37.69E,h2km,ML3.6/37 AFAD 19 17:35:13.1,39.53N,37.68E,h8km,1km, MW3.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like Code Station Name Az Phase ID, MDIV Mdiv, SCER sogukcermik, etc.

ISC 19 17:35:13.7,1.1,39.95N;0.02;37.70E;0.02,h5km,10km, n73,o=979/109,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like Code Station Name Az Phase ID, AGPR Agudilla, PR, ECPR Experimental S, etc.

SATY 17m,0.5s 4.46 301 Pg 18 41 17.7 -0.2 SATY 6.3m,0.4s 18 42 16.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like Code Station Name Az Phase ID, KST KasteK, KRBS Karabastau, etc.

NNC 19 18:42:46.9-0.5, 45.87N-81.36E, h0km, mb3.4, mpv3.5, Error ellipse: s-maj=7.03km s-min=2.2km az=129.0 SOME 19 18:42:49.2, 45.93N-81.25E, h25km ISC 19 18:42:47.0, 1.7, 45.91N-0.07, 81.44E, 0.07, h7km, 16km, n20, c08731, 4C, Kazakstan-Xinjiang border region

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Op, ISC, h m s ISC, Time, Res. Includes stations like MAKZ Makanchi, MK31 Makanchi Array, KAPS Kapalarasan, etc.

IDC 19 18:45:02.9-1.1, 17.87N-66.76W, h0km, mb3.6/6, mbtmp3.6/7, ML3.1/1, Error ellipse: s-maj=25.1km s-min=8.9km az=165.0 PTWC 19 18:45:04, 18.00N-66.70W, h10km, ML4.1/16 RSPR 19 18:45:04.7, 17.95N-66.73W, h7km NEIC 19 18:45:04.5, 1.4, 17.93N-0.03, 66.71W-0.01, h10km, 1km, mb4.3/1, ML4.1/38, ML3.8(RSPR), Mw3.9/15(SLM), Error ellipse: s-maj=4.4km s-min=2.8km az=6.0

NEIC 19 18:45:04, 17.95N-66.73W, h8km, Moment Solution: Moment tensor: Scale 10^14Nm, Mw=4.24; Mxx=4.89; Mxy=0.65; Myx=1.15; Myy=3.52; Mzz=4.62; Fault plane solution: M7.50000-1014 NP1=275.00000, 368.00000, λ-125.00000, NP2=275.00000, 340.00000, λ-35.00000. Principal axes: T 7.49699, P16.00000, Azm148.00000; N 0.0016, P1632.00000, Azm47.00000; P -7.4985, P1653.00000, Azm261.00000; OSPL 19 18:45:05.0, 1.5, 17.91N-66.72W, h6km, ML3.8, Presumed earthquake

SDD 19 18:45:05.2, 2.6, 17.96N-66.71W, h19km, 25km, MD3.8, ML4.2, MW4.2, Presumed earthquake ISC 19 18:45:04.2, 1.0, 17.90N-0.04, 66.72W-0.02, h8km, 6km, n87, c111/112, mb3.7/6, 17C-8D, Puerto Rico region

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Op, ISC, h m s ISC, Time, Res. Includes stations like GBPR Guanica, OBIP Obispo Ponce, OBIP Obispo Ponce, etc.

Main table with columns: PRSN, IAML, Time, Res. Includes stations like Puerto Rico Se, Experimental S, San Juan, Esperanza - Ma, etc.

Table with columns: FITZ, H11S3, H11S2, H11S1, H11N1, H11N2, H11N3, MKAR, ZALV, VNSA, BVAR, ILAR, etc. Includes station names and time/residual data.

KRNET 19 19:01:11.6-0.1, 39.95N-77.05E, h17km, mb3.7 SOME 19 19:01:12.4, 39.87N-77.00E, h25km ISC 19 19:01:11.2, 2.0, 39.98N-0.07, 77.03E-0.05, h18km, 9km, n28, c130/48, 10C-10D, Southern Xinjiang

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Op, ISC, h m s ISC, Time, Res. Includes stations like JNKS Jany-Kuch, NARN Naryn, TARG Taragay, Kyrgy, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Cabo Rojo, Obispo Ponce, Las Mesas, Utuado, Puerto Rico Se, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Lanzhou Array, Chiang Mai Arr, Songo Array, etc.

NNC 19 20:18:35.8, 0.7, 41.72N:73.00E, h0km, mb4.3, mpv3.9. Error ellipse: s-maj=8.5km s-min=2.6km az=170.0. KRNET 19 20:18:35.8, 0.1, 41.67N:72.99E, h25km, mb3.7. SOME 19 20:18:35.8, 41.67N:73.00E, h15km. KNET 19 20:18:38.1, 0.4, 41.80N:73.14E, h8km, m3.1, Error ellipse: s-maj=25km s-min=2.3km az=133.0. ISU 19 20:18:38.4, 65N:73.01E, h20km. ISC 19 20:18:35.9, 1.0, 41.69N:0.02:73.01E, h10km, gkm, n75, c157/131, 34C-34D, Kyrgyzstan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Arslanbob, Arkit, MNAS, Aral, Salom-Alik, Merke, Erkin-Say, Uchtor, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Boroday, Karabastu, Matube, Zveztkoviy, etc.

CNRM 19 20:44:00.8, 35.60N:3.64W, h10km, ML2.5. MDD 19 20:44:03.3, 1.1, 35.52N:3.76W, h9km, gkm, mb_Lg2.4/6. Error ellipse: s-maj=8.4km s-min=4.4km az=101.0. ISC 19 20:44:01.4, 1.2, 35.58N:0.03:3.66W, h10km, l0km, n13, c070/26, Strait of Gibraltar

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Palemas, Alboran, Melilla, Los Guajares, etc.

NOU 19 20:04:27.8, 43.06S:170.81E, h0km, MLv3.7/15, South Island, New Zealand. WEL 19 20:04:28.1, 0.3, 43.2S:171.1E, h5km, M3.37, ML3.1/7. MLv3.7. Error ellipse: s-maj=3.1km s-min=2.7km az=30.1, confirmed. ISC 19 20:04:28.3, 0.8, 43.10S:0.02:170.80E, h7km, 6km, n75, c1501/84, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Waitaha Valley, Waitaha Valley, Harihari Fire, etc.

ISC 19 20:17:08.8, 1.1, 24.11N:116.29E, h0km, mb3.7/6, mbmp3.6/8, ML3.7/2, Error ellipse: s-maj=58.3km

ISC 19 20:47:26.1, 1.4, 28.71S:62.55E, h0km, mb4.0/5, mbmp4.0/5, MS3.5/13, Error ellipse: s-maj=47.8km s-min=30.4km az=85.0. ISC 19 20:47:27.8, 1.4, 28.75S:62.62E, h0km, n24, c052/7, mb4.3/6, MS3.5/13, Southwest Indian Ridge

19d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CROZET ISLANDS, BOSHA, LSZ, MAW, PALK, MBAR, H01W2, H01W3, H01W1, FURI, CMAR, QSPA, ASAR, Vnda, WRA, GNI, KBZ, CTA, MKAR, ZALV, GUMO, YKA.

MDD 19:20:48:11.5:1.8, 36.27N:8.94W, h4km, 6km, mb_Lg2.3/3, Error ellipse: s-maj=10.5km s-min=9.5km az=16.0
CNRM 19:20:48:12.4, 36.24N:8.73W, h3km
SFS 19:20:48:14.8, 36.39N:8.98W, h10km, ML2.8/5, ML2.8/5
INMG 19:20:48:15.0:1.9, 36.44N:9.23W, h13km, 6km, ML1.7, Error ellipse: s-maj=15.0km s-min=7.4km az=107.0
#DIST_RANGE: REGIONAL #PMA_REGION: SW Cabo S. Vicente

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Vila Bisbo, Marneite, Sao Teotonio, Barranco-do-Ve, Vaqueiros, Castro Verde, Messejana, El Granado, Beja, Barrancos, Arraiolos, Montargil, El Cabril, Marv??o.

2020 JAN

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Adamuz, MD31, Midelt, Pamploña, Capacho, Ocaña, Barichara, Barrancabermej, Santo Domingo, Machiques, San Pablo de B, Ariguani, San Jos de Ur, Norcasia, Santa Helena, Santa Helena, Chingaza, San Jacinto, Puerto Gaitan, Uribia, Terepaima, Santa Ana, Prado, Ortega, Tolima, Macapo, La Uribe, Meta, Beln, Turiamo, CAICARA DEL OR, Tcata, Makanchi, Makanchi Array, Makanchi Array, Makanchi Array, Jarkent, Konyren, Taldyogorhan, Ketmen, Zaisan, Baldybastay, ZSN, PDGK, ARXS, SHLS, PKPK, KPKS.

1304

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UZB, SATY, KTBS, KOTS, KUU, MDOK, KNCD, AAA, TNS, TNS, IZV, MTBS, SEM, KRBS, DGS, KST, KURB, KURK, BTLS, AAK, IUG, BVAR, AKTO, SONM.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, HFS Hagfors, NOA NORSAR Array B, ILAR Eielson Array, LSZ Lusakka.

NEIC 19 21:04:52.71.1, 17.96N:0.03:66.726W:0.005, h10km,2km,ML3.2/36,MD3.3/4(RSPR), Error ellipse: s-maj=3.7km s-min=0.6km az=182.0

OSPL 19 21:04:53.8:0.7, 17.99N:66.74W, h9km,7km,ML2.8, Presumed earthquake

RSPR 19 21:04:53.2, 18.01N:66.74W, h6km,MD3.3/4, Error ellipse: s-maj=3.7km s-min=0.6km az=182.0

ISC 19 21:04:52.9:1.2, 17.99N:0.04:66.73W:0.02, h4km,6km, n32, c0544/62, 7C-4D, Puerto Rico region

Main table for 1305 containing station data for Puerto Rico region and other stations like OBIP, GBRP, UUPR, AOPR, CRPR, PRSN, ECPR, EMPR, AGPR, HUMP.

ISC 19 21:15:15.0:3.4, 39.62N:77.25E, h0km, mb3.6/1, mbtmp3.2/5, ML2.4/4, Error ellipse: s-maj=70.9km s-min=27.7km az=125.0

KRNET 19 21:15:17.0:1.3, 39.75N:76.98E, mb3.9, SOME 19 21:15:16.4, 39.93N:77.07E, h10km

ISC 19 21:15:17.1:1.3, 39.78N:0.07:76.97E:0.04, h10km, n45, c1588/77, 14C-20D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JNKS, NRN, TARG, KDJ, ULHL, SALK, SFK, BOOM, ARLS, PRZ.

Main table for 2020 JAN containing station data for various regions like UCH, KBK, TNS, IZV, TKM, KST, MTBS, ARSB, AAK, AAK, KOTS, KOTS, DGS, DGS, CHMS, UZB, UZB, EKSS, SHLS, SHLS, KPKS, KPKS, USP, KRBS, KRBS, KUU, KUU, ARK, ARK, MNAS, MNAS, KTMS, KTMS, ARXS, ARXS, ARXS, ARXS, DJR, DJR, DJR, DJR, BTLS, BTLS, MKAR, MKAR, MKAR, MKAR, KURBB, KURBB, KURBB, KURBB, BVAR, BVAR, ZALV, ZALV, TORD, TORD, TORD, TORD.

IDC 19 21:16:52.4:21.0, 20.90S:177.71W, h27km,181km, mb2.9/3, mbtmp3.8/3, Error ellipse: s-maj=266.7km s-min=55.9km az=137.0

NEIC 19 21:17:00.4:2.0, 19.65S:0.2:178.7W:0.2, h56km,9km, mb4.4/10, Error ellipse: s-maj=30.4km s-min=11.1km az=138.0

ISC 19 21:16:59.1:0.8, 19.75S:0.2:178.6W:0.2, h550km, n26, c1927/26, mb4.0/9, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSVF, MXZ, SNZO, SNZO, WRR, WRR, WRR, WRR, WRA, WRA, WRA, WRA, ASAR, ASAR, KHLU, P18K, P18K, M14K, K05A, K05A, K15X, L18K, L18K, J16K, LTY, WBO, WBO, WRA, WRA, ILAR, ILAR, ILAR, ILAR, BVAR, BVAR, NA01, AKAS, AKAS, BRTR, BRTR.

Main table for 19d 21h containing station data for various regions like BRTR, BURAR, JMA, IDC, ISC, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JYT, JYT, JAG, JAG, JKT, JKT, JRY, JRY, JOD2, JOD2, JYUN, JYUN, JYUN, JYUN, MJAR, MJAR, MJAR, MJAR, WRA, WRA, WRA, WRA, FUNV, FUNV, RSNC, RSNC, ISC, ISC, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CAPV, CAPV, PAMC, PAMC, PAMC, PAMC, OCAC, OCAC, BRUC, BRUC, BRUC, BRUC, RUSC, RUSC, RUSC, RUSC, RUSC, RUSC, PUERTO BERRIO, PUERTO BERRIO, SDV, SDV, SDV, SDV, OSPL, OSPL, SDD, SDD, SDD, SDD, ISC, ISC, Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LOPP1, LOPP1, LOPP1, LOPP1, MCDR, MCDR, MCDR, MCDR, LODA1, LODA1, LODA1, LODA1, LUOR, LUOR, LUOR, LUOR, REDR, REDR, REDR, REDR, SDDR, SDDR, SDDR, SDDR, SDDR, SDDR, SDDR, SDDR, JIDR, JIDR, HATOM, HATOM, HATOM, HATOM.

IDC 19 21:29:57.9:8.6, 48.18N:147.22E, h393km,99km, mb2.9/7, mbtmp3.6/7, Error ellipse: s-maj=61.5km s-min=18.2km az=166.0

SKHL 19 21:29:59.6:0.3, 47.50N:147.60E, h445km,5km, mb4.4/4, msha4.4/3

ISC 19 21:29:59.3:0.8, 47.50N:0.09:147.5E:0.1, h450km, n12, c184/15, mb3.3/7, Northwest of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KUR, KUR, KUR, KUR, YSS, YSS, YSS, YSS, YSS, YSS, NMR, NMR, TYV, TYV, AKK, AKK, SONM, SONM, LZDM, LZDM, ILAR, ILAR, MKAR, MKAR, KURBB, KURBB, FINES, FINES, TXAR, TXAR.

IDC 19 21:43:54.2:3.3, 16.76S:179.28W, h0km, mb3.9/4,

19d 23h

Table with columns: BRTR, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LANS, CHVC, DPC, CLL, etc.

JSN 19 23:01:39.2±0.5, 18°11'N; 76°67'W, h12km±2km, MD2.3, Confirmed earthquake

SSNC 19 23:01:40.1±1.0, 18°37'N; 76°73'W, h1km±6km, MD3.1, ML2.0, Presumed earthquake

ISC 19 23:01:35.2±1.3, 18°31'N; 0°05'76.56W±0.06, h1km±3km, n9, e081/15, 2C-1D, Jamaica region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GHWJ, STH, HOJ, etc.

RSRP 19 23:05:50.7 ± 17.93N; 66°30'W, h10km, MD3.0/5, NEIC 19 23:05:49.0 ± 1.5, 17.83N; 0°04:66.878W±0.009, h10km±1km, ML2.9/38, MD3.1/5(SRPR), 3C-5D, Error ellipse: s-maj=6.7km s-min=2.9km az=8.0, Puerto Rico region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GBPR, MLPR, CRPR, etc.

2020 JAN

Table with columns: PDPR, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Patillas Dam, Guaynabo City, etc.

BER 19 23:06:25.3±2.5, 74°26'N; 9.07E, h16km±21km, Mw3.6, Confirmed Earthquake, Greenland Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BJO1, HSPB, BRBA, etc.

TIR 19 23:09:09.8, 41°84'N; 20°22'E, h20km±1km, M2.1/5, PDG 19 23:09:09.9±0.2, 41°82'N; 20°20'E, h18km, ML2.5/10, Error ellipse: s-maj=0.8km s-min=1.2km az=0.0

BEO 19 23:09:10.2±1.0, 41°83'N; 0°02:20.22E±0.02, h19km±2km, n31, e196/59, 6C-4D, Albania

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PHP, TIR, SDA, etc.

ISC 19 23:16:09.1±4.4, 19.73S; 178°42'W, h0km, mb3.9/4, mbtmp3.9/4, Error ellipse: s-maj=183.6km s-min=39.1km az=141.0, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like STKA, ASAR, WRA, etc.

1308

Table with columns: RABL, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Port Moresby, etc.

WRA 19 23:20:11.2±1.2, 26.64 228 P P 23 25 49.2 -0.7

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR, CMAR, etc.

WRA 19 23:34:45.6±1.4, 2°15'N; 124°38'E, h0km, mb3.5/4, mbtmp3.5/4, MS3.5/1, Error ellipse: s-maj=206.4km s-min=20.8km az=64.0

DJA 19 23:34:53.0±0.8, 3°N; 2°12'E±1.2, h23km±8km, M4.3/12, mb4.9/3, mb4.5/6, MLV4.2/12, Mw(mB)4.2/3

ISC 19 23:34:49.4±1.2, 3°13'N; 0°10:126.6E±0.1, h35km, n13, e181/41/15, mb3.5/4, Talaud Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SGSI, GAMI, MRSI, etc.

WRA 19 23:39:33.8±20.0, 19.64S; 177°81'W, h486km±188km, mb3.0/4, mbtmp3.8/4, Error ellipse: s-maj=288.7km s-min=70.6km az=141.0, Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR, WRA, FITZ, etc.

WRA 19 23:45:55.3±6.4, 32°30'N; 135°85'E, h0km, mb3.6/4, mbtmp3.6/5, ML2.5/1, MS3.7/3, Error ellipse: s-maj=116.3km s-min=35.3km az=147.0

NIED 19 23:46:09.2, 33°92'N; 135°51'E, h52km, MW3.6, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm; Mm=2.36; Fault plane solution: M3:090000x10^14 NP1: 0.110 00000; 833.00000; A-155.00000. NP2: 0.359 00000; 876.00000; A-59.00000.

JMA 19 23:46:09.2±0.1, 33°9N; 0°2:135.5E±0.2, h52km, MV3.5/40, CENTRAL WAKAYAMA PREF

JMA Felt II J1 at CENTRAL WAKAYAMA PREF. ISC 19 23:46:09.3±1.0, 33°94'N; 0°05:135.49E±0.03, h51km±6km, n29, e040/33, mb3.5/4, MS4.1/3, 10D, Near south coast of western Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JWM, JTNC, JTNC, etc.

1309

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H1N12 WAKE ISLAND, H1N11 WAKE ISLAND, H1N13 WAKE ISLAND, etc.

IDC 19 23:50:54.3,10.0,19:36S:176:38W,h380km,108km,mb3.4/5,mbtmp4.2/6, Error ellipse: s-maj=48.6km s-min=41.1km az=84.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, CTA Charters Tower, ASAR Alice Springs, etc.

IDC 20 00:00:57.3,33.0,11:62S:65:02E,h0km,mb3.5/3,mbtmp3.5/3,MS3.3/2, Error ellipse: s-maj=1002.0km s-min=51.1km az=68.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

IDC 20 00:09:37.8,4.5,18:97S:169:45E,h270km,34km,mb3.8/4,mbtmp4.3/5, Error ellipse: s-maj=96.8km s-min=45.7km az=131.0

NOU 20 00:09:38.9,19:15S:169:68E,h214km,MLV4.3/13, Vanuatu Islands

ISC 20 00:09:34.0,2.3,19:10S:169:9E,0.3,h250km,n11,185/12,mb4.0/4, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DVP Devils Point, MARNC Mare, Loyalty, YATNC Mammie plateau, etc.

SOME 20 00:10:42.0,42:83N:83:97E,h20km NNC 20 00:10:46.4,1.1,42:93N:83:70E,h0km,mb3.9,mpv3.7, Error ellipse: s-maj=9.1km s-min=4.7km az=147.0

ISC 20 00:10:49.1,2.1,42:95N:0:09:83.78E,0:08,h10km,n46,c305/64,9C-3D,Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KTMS Ketmen, PDGK Podgornoye, SHLS Shalkode, etc.

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Main table with columns: KPKS, Kokpek, Time, Res. Includes stations like KPKS Kokpek, SATY Saty, KAPS Kapalarasan, etc.

SOME 20 00:27:21.1,39:90N:77:10E,h10km KRNET 20 00:27:22.1,0.1,39:79N:77:00E,mb3.1 NNC 20 00:27:23.4,0.4,40:00N:77:15E,h0km,mb3.7,mpv3.4, Error ellipse: s-maj=3.0km s-min=2.6km az=155.0

ISC 20 00:27:22.6,1.6,39:98N:0:08:77.08E,0:04,h10km,n48,c180/72,23C-10D,Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JNKS Jany-Kuch, NRN Naryn, TARG Taragay, Kyrgy, etc.

Table with columns: PRZ, Sufi-Kurgan, Time, Res. Includes stations like PRZ Sufi-Kurgan, ARLS Aral, TNSS Tian-Shan, etc.

IDC 20 00:29:46.3,10.0,23:41S:179:80E,h586km,92km,mb3.0/3,mbtmp4.2/4, Error ellipse: s-maj=137.2km s-min=68.0km az=138.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, ASAR Alice Springs, etc.

20d 0h

RSPR 20 01:39:54.2, 17.97N, 66.73W, h9km, MD2.8/6
NEIC 20 01:39:53.8, 0.6, 17.94N, 0.03, 66.721W, 0.0009,
h10km, 1km, ML2.5/36, MD2.8/6(RSPR), 3C-8D, Error
ellipse: s-maj=4.4km s-min=2.7km az=175.0, Puerto
Rico region

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

NEIC 20 01:26:05.8, 18.02N, 66.70W, h10km
IDC 20 01:26:05.7, 3.0, 17.87N, 66.67W, h17km, 19km, mb3.6/8,
mbtmp3.7/9, ML3.0/11, Error ellipse: s-maj=22.5km
s-min=2.1km az=168.0

PTWC 20 01:26:06.1, 18.00N, 66.70W, h16km, ML4.3/16
OSPL 20 01:26:06.5, 0.7, 17.99N, 66.74W, h18km, 4km, ML4.0,
Presumed earthquake

NEIC 20 01:26:06.1, 1.6, 18.03N, 0.06, 66.72W, 0.02, h19km, 2km,
mb4.3/25, ML4.4/38, Mw4.0/15, ML4.0(RSPR),
Mw3.9/12(SLM), Error ellipse: s-maj=8.6km s-min=1.9km
az=195.0, Moment Tensor Solution. Moment tensor:
Scale 10^19 Nm; Mr0.05; Mw0.53; Mw0.57; Mw0.79;
Mw0.70; Mw0.07; Fault plane solution: M1: 19000.0/15
NP1=195.71000; 849.73000; 1.174.53000; NP2:
8.2892000; 385.83000; 1.40.40000; Principal axes: T: 8.6140,
Plg16.0000; P: 1.2644, Plg31.0000; N: 161.0000; N - 0.1684,
Plg49.0000; Azm294.0000; P: -1.0960, Plg24.0000;
Azm55.0000;

RSPR 20 01:26:06.5, 18.01N, 66.74W, h15km, 1km
SDD 20 01:26:06.4, 2.4, 18.01N, 66.75W, h15km, 2.7km, MD3.9,
ML4.0, MW4.1, Presumed earthquake

NEIC 20 01:26:05.1, 0.9, 17.96N, 0.03, 66.74W, 0.01, h16km, 6km,
n130, 131/175, mb4.2/20, 19C-8D, Puerto Rico region

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

Main table with columns: CRPR, Cabo Rojo, PR, 0.36 278, I/P, P, 01 26 13.3, +0.2. Lists seismic events with station codes, coordinates, and magnitudes.

Table with columns: SDV, Santo Domingo, 9.78 203, Pn, Pn, 01 28 27.5, +2.2. Lists seismic events with station codes, coordinates, and magnitudes.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HOJ Hope, MTDJ Mount Denham, etc.

NEIC 20 02:25:44.3, 1.0, 17.76N, 0.03:66.87W, 0.01, h10km, 2km, ML3.4/36, Md3.2(B)(RSPR), Error ellipse: s-maj=5.8km

OSPL 20 02:20:07.1, 0.4, 17.79N, 66.89W, h14km, 6km, ML2.9, Presumed: 20 02:20:07.1, 0.4, 17.79N, 66.89W, h14km, 6km, ML2.9

RSPR 20 02:20:07.0, 1.7, 83N, 66.88W, h6km, MD3.1/8 ISC 20 02:20:06.4, 1.4, 17.81N, 66.87W, 0.02, h16km, 7km, n37, 0.045/66, 2C-6D, Puerto Rico region

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GBPR Guanica, BSRP Cabo Rojo, CRPR Cabo Rojo, etc.

MOS 20 02:25:43.4, 1.0, 13.83N, 144.57E, h169km, mb5.0/52, Error ellipse: s-maj=9.5km s-min=5.0km az=112.9

NEIC 20 02:25:43.9, 1.3, 59N, 144.73E, h162km, Moment Tensor Solution Duration: 19 Moment tensor: Scale: 10^10N

Full plane solution: M: 6.4000x10^16 NP1: 0.270, 4.4000, 6.33, 5.8000, 1.152, 8.1000, NP2: 0.23, 6.0000, 0.75, 3.6000, 1.59, 4.3000, Principal axes: T

2.6, 6.015, Plg5.0000, Azm259.0000, N - 0.4205, Plg29.0000, Azm32.0000, P - 6.1809, Plg24.0000, Azm137.0000

IDC 20 02:25:43.2, 0.3, 13.85N, 144.81E, h157km, 2km, mb4.6/34, mbmp5.1/36, MS3.9/30 Error ellipse: s-maj=11.9km s-min=7.3km az=76.0

NEIC 20 02:25:43.9, 2.0, 13.78N, 0.07:144.62E, 0.10, h157km, 4km, mb5.1/453, 10km, 5.1/26, Error ellipse: s-maj=13.6km s-min=10.5km az=94.0

NEIC 20 02:25:43.9, 1.3, 79N, 144.63E, h160km BUI 20 02:25:43.1, 1.3, 76N, 144.72E, h175km, mb5.0/32,

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Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like mb5.2/83, DJA 20 02:25:44.3, 1.0, 14.7N, 154.5E, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SSSL Suanglung, TPUB Ta-pu, TPUB Ta-pu, etc.

20d 4h

ASAR Alice Springs 17.36 164 Pn 03 30 54.9 -0.4
MKAR Makanchi Array 67.53 327 P 03 37 49.5 0.0

DRS 20 03:37:45.0, 41.28N, 49.68E, h54km
AZER 20 03:37:47.5, 41.09N, 49.32E, h62km, ml2.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Lists stations like Siyzi, Altiaghaj, Nardaran, Qobustan, etc.

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IDC 20 03:40:51.4, 1.6, 8:42S, 110:45E, h0km, mb3.4/4,
mbtmp3.4/5, ML3.7/1, MS2.6/2, Error ellipse: s-maj=88.9km

DJA 20 03:40:56.1, 0.8, 9.5S, 111:0E, h10km, M4.2/12, mB4.8/1,
mB4.3/3, MLV4.1/12, Mw(MB)4.1/1

Main IDC table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Lists stations like Waganaga, Pacitan, Karang Pucung, etc.

1320

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Lists stations like Tian-Shan, Karagaybulak, Kastele, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like SDDR Presa de Saban, MBWH Windy Hill, ANWB Willy Bob, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like V53A Nelsons Funny, U54A Tuckaleechee C, TKL Tuckaleechee C, etc.

Table with columns for call sign, name, frequency, and other details. Includes entries like IRM Iron Mountain, AC05 El Transito, DLMT Dillon, etc.

1325

HYT	Haines Junction baz=98	65.12 329	P	P	05 37 00.7	0.0
J30M	Hart River comp=Z,14nm,1.4s	65.19 334	I	Amb	05 37 06.0	
J30M	Hart River baz=101	65.19 334	P	P	05 37 00.0	-1.1
I30M	Mount Dempster comp=Z,8.6nm,1.2s	65.33 334	I	Amb	05 37 05.8	
I30M	Mount Dempster baz=101	65.33 334	P	P	05 37 01.6	-0.4
K29M	Barlow Dome baz=99	65.57 333	P	P	05 37 03.4	-0.2
O29M	Mount Kennedy baz=97	65.58 329	P	P	05 37 03.2	-0.5
F30M	Barrier River comp=Z,12nm,1.1s	65.58 337	I	Amb	05 37 04.9	
F30M	Barrier River baz=102	65.58 337	P	P	05 37 03.5	+0.1
G30M	tAoh Zraii Nji comp=Z,6.7nm,1.1s	65.61 336	I	Amb	05 37 20.1	
G30M	tAoh Zraii Nji baz=102	65.61 336	P	P	05 37 03.5	-0.2
EPYK	Eagle Plains baz=101	65.69 335	P	P	05 37 03.9	-0.2
L29M	L29M baz=98	65.73 332	P	P	05 37 04.8	+0.2
YUK4	Talbot Arm baz=97	65.74 330	P	P	05 37 04.5	-0.3
M29M	Somme Creek baz=98	65.79 331	P	P	05 37 05.1	-0.3
TORD	Torodi Ar, Bea comp=Z,2.7nm,0.8s,SNR=7.1,SNR=14	65.79 83	P	P	05 37 04.5	-1.2
J29N	Klondike Camp baz=99	65.97 333	P	P	05 37 05.1	-1.0
I29M	Ogilvie Camp, baz=99	66.15 334	P	P	05 37 07.0	-0.1
YUK8	Steele Glacier baz=96	66.27 330	P	P	05 37 07.4	-0.9
G29M	Pine Creek comp=Z,5.8nm,0.7s	66.30 336	I	Amb	05 37 12.0	
G29M	Pine Creek baz=100	66.30 336	P	P	05 37 07.6	-0.5
H29M	Whitestone comp=Z,10nm,1.1s	66.31 335	I	Amb	05 37 11.6	
H29M	Whitestone baz=99	66.31 335	P	P	05 37 08.0	-0.2
P1NM	Pinnacle baz=95	66.39 328	P	P	05 37 08.3	-0.5
O28M	Mount Upton baz=95	66.42 329	P	P	05 37 09.0	-0.3
DAWY	Dawson baz=98	66.42 333	P	P	05 37 08.7	-0.3
DAWY	Dawson baz=98	66.42 333	P	P	05 37 09.0	0.0
E29M	Blow River comp=Z,5.5nm,1.0s	66.52 338	I	Amb	05 37 10.9	
E29M	Blow River baz=101	66.52 338	P	P	05 37 09.4	-0.1
YUK3	Moose Creek baz=96	66.65 330	P	P	05 37 10.1	-0.6
I28M	Miner Creek comp=Z,9.5nm,1.1s	66.84 334	I	Amb	05 37 21.2	
I28M	Miner Creek baz=98	66.84 334	P	P	05 37 11.6	0.0
BVCY	Beaver Creek baz=96	66.90 331	P	P	05 37 12.5	+0.5
D28M	Stokes Point baz=100	66.99 338	P	P	05 37 12.1	-0.3
CTG	Chitna Glacier baz=94	67.00 329	P	P	05 37 12.7	-0.2
F28M	Old Crow comp=Z,9.7nm,1.3s	67.12 337	I	Amb	05 37 16.4	
F28M	Old Crow baz=99	67.12 337	P	P	05 37 13.3	0.0
E28M	Babbage River comp=Z,8.4nm,1.2s	67.15 338	I	Amb	05 37 14.3	
E28M	Babbage River baz=99	67.15 338	P	P	05 37 14.2	+0.7
MESA	MESA baz=94	67.24 328	P	P	05 37 14.0	-0.5
M27K	Edge Creek, AK baz=94	67.36 331	P	P	05 37 14.3	-0.8
BCAR	Beaver Creek A baz=95	67.38 332	P	P	05 37 16.0	+0.9
L27K	Beaver Creek, baz=95	67.40 332	P	P	05 37 15.3	+0.1
I27K	Kandik River baz=96	67.55 334	P	P	05 37 15.9	-0.2
H27K	Steamboat Moun baz=96	67.58 335	P	P	05 37 16.1	-0.2
G27K	Doyon Strip comp=Z,8.8nm,1.1s	67.70 336	I	Amb	05 37 18.6	
G27K	Doyon Strip baz=97	67.70 336	P	P	05 37 17.0	-0.1
MCAR	McCarthy VSAT baz=93	67.84 330	P	P	05 37 18.5	+0.6
CRQE	Cirque baz=93	67.84 329	P	P	05 37 18.0	-0.2
E27K	Coleen River comp=Z,6.5nm,1.2s	67.84 337	I	Amb	05 37 52.2	
E27K	Coleen River baz=97	67.84 337	P	P	05 37 18.2	+0.3
DAVA	Damuels comp=Z,15nm,1.7s	68.02 46	ep	pP	05 37 21.2	-1.2
L26K	Log Cabin Wild baz=94, SNR=9.9	68.09 331	P	P	05 37 19.6	+0.1
J26L	Joseph Creek comp=Z,4.7nm,0.9s	68.28 333	I	Amb	05 37 23.1	
J26L	Joseph Creek baz=94	68.28 333	P	P	05 37 21.1	+0.3
SCRK	Sand Creek baz=93, SNR=12	68.43 332	P	P	05 37 22.4	+0.6
SCRK	Sand Creek baz=93	68.43 332	P	P	05 37 22.4	+0.6
BMRM	Bremner River baz=92	68.59 329	P	P	05 37 23.2	+0.5
N25K	Chitna, Valde baz=92	68.60 330	P	P	05 37 22.8	-0.1
RETA	Reutte comp=Z,11nm,1.3s	68.61 45	i	P	05 37 24.3	+1.2
FETA	Feichten comp=Z,11nm,1.2s	68.61 46	i	P	05 37 23.8	+0.6
NOA	NORSAR Array B comp=Z,1.3nm,0.9s,baz=270,slow=6.4,SNR=3.3	68.64 31	P	P	05 37 22.5	-0.5
NOA			LR	LR	06 07 57.7	
F26K	Sheenjet River baz=95, SNR=5.7	68.75 336	P	P	05 37 24.8	+1.2
C27K	Jago River comp=Z,11nm,1.1s	68.77 339	I	Amb	05 37 25.6	
C27K	Jago River baz=96	68.77 339	P	P	05 37 23.6	-0.1
RIDG	Independent Ri baz=92	68.80 332	P	P	05 37 24.1	+0.1
MOTA	Moosalm comp=Z,4nm,1.0s	68.85 45	ep	P	05 37 25.7	+1.0
HARP	HAARP baz=92	68.89 331	P	P	05 37 24.5	0.0
BMAR	Burnt Mountain SQTa	68.90 336	P	P	05 37 25.3	+0.7
SQTA	Sanct Quirin comp=Z,11nm,1.5s	68.93 46	i	P	05 37 25.3	+0.1
PAX	Paxson comp=Z,12nm,1.1s	69.05 331	I	Amb	05 37 27.7	
PAX	Paxson baz=92, SNR=5.4	69.05 331	P	P	05 37 25.6	0.0
J25K	Salcha River, baz=92	69.06 333	P	P	05 37 25.3	-0.4
FYU	Fort Yukon baz=90	69.10 335	P	P	05 37 25.9	+0.2
EPYK	Cordova Ski Ar baz=92	69.14 329	P	P	05 37 25.2	-0.9
PRAK	Porcupine Dome baz=92, SNR=12	69.17 334	P	P	05 37 23.0	-0.4
C26K	Camden Bay baz=95	69.21 339	P	P	05 37 27.0	+0.6
K24K	Donnelly Dome baz=92, SNR=6.9	69.21 332	P	P	05 37 27.1	+0.5
KLU	Klutina baz=91	69.24 330	P	P	05 37 26.3	-0.5
F25K	Christian River comp=Z,9.8nm,1.0s	69.32 336	I	Amb	05 37 29.5	
F25K	Christian River baz=93, SNR=9.5	69.32 336	P	P	05 37 26.9	-0.2
E25K	Arctic Village comp=Z,6.0nm,1.0s	69.32 337	I	Amb	05 37 29.2	
E25K	Arctic Village baz=93, SNR=5.4	69.32 337	P	P	05 37 27.5	+0.4
M24K	Tolsona, Glenn baz=91	69.36 330	P	P	05 37 27.5	-0.1
Q23K	Middleton Isla baz=84	69.45 328	P	P	05 37 28.2	+0.2

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D25K	Kavik River comp=Z,10nm,1.0s	69.68 338	I	Amb	05 37 31.1	
D25K	Kavik River baz=93	69.68 338	P	P	05 37 29.5	+0.2
IL31	IL31 comp=Z,9.9nm,1.1s	69.72 333	P	P	05 37 31.2	
ILAR	Eielsen Array comp=Z,5.0nm,1.1s,baz=104,slow=4.5,SNR=28	69.72 333	P	P	05 37 30.2	+0.6
ILAR			LR	LR	06 07 24.8	
ILAR	Eielsen Array comp=Z,2.224nm,21.9s,baz=86,slow=35	69.72 333	P	P	05 37 29.4	-0.3
HDA	Harding Lake comp=Z,8.1nm,1.0s	69.74 333	I	Amb	05 37 31.9	
HDA	Harding Lake baz=91	69.74 333	P	P	05 37 29.5	-0.2
CLL	Abfattersbach comp=Z,8.6nm,1.1s	69.83 41	ep	P	05 37 32.0	+1.5
ABTA	Abfattersbach baz=85	69.85 46	ep	P	05 37 31.8	+0.9
HFS	Hagfors comp=Z,4.7nm,18.0s,baz=272,slow=34	69.86 32	LR	LR	06 06 11.7	
SCM	Sheep Creek Mo baz=90	69.91 330	P	P	05 37 30.6	-0.3
DHY	Denali Highway comp=Z,9.8nm,1.2s	69.92 331	I	Amb	05 37 32.9	
DHY	Denali Highway baz=91	69.92 331	P	P	05 37 30.8	-0.3
POK	Poker Plat Res baz=91, SNR=5.4	69.96 334	P	P	05 37 31.0	-0.1
P23K	Montague Isd baz=83	69.97 328	P	P	05 37 30.5	-0.7
G24K	Hadweenzic Riv baz=83	70.00 335	P	P	05 37 31.2	-0.1
WAT6	Susitna Watana baz=85	70.09 331	P	P	05 37 31.9	-0.2
M23K	Glacier View baz=89	70.10 330	P	P	05 37 31.7	-0.3
CCB	Clear Creek Bu comp=Z,18nm,1.5s	70.11 333	I	Amb	05 37 35.2	
COLA	College baz=90	70.13 333	P	P	05 37 32.3	+0.2
H24K	Noodor Dome baz=90	70.15 334	P	P	05 37 31.5	-0.8
F24K	Squaw Lake baz=91	70.17 336	P	P	05 37 32.6	+0.1
WRH	Wood River Hil comp=Z,11nm,1.2s	70.24 333	I	Amb	05 37 39.5	
SML	Sawmill baz=89	70.38 330	P	P	05 37 32.7	-1.1
KBA	Koelnbreinspre comp=Z,5.0nm,0.6s	70.39 46	ep	pP	05 37 36.2	-0.9
E24K	Your Creek baz=91	70.41 337	P	P	05 37 33.7	-0.2
KNK	Knik Glacier baz=88	70.45 330	P	P	05 37 33.9	-0.3
WAT1	Susitna Watana baz=85	70.46 331	P	P	05 37 34.4	+0.2
GERES	GERES Array B comp=Z,0.6nm,0.8s,baz=293,slow=6.9,SNR=4.7	70.47 44	P	P	05 37 35.5	+0.8
C24K	Franklin Bluff baz=91	70.52 339	P	P	05 37 34.2	-0.2
D24K	Happy Valley baz=91	70.55 338	P	P	05 37 34.7	+0.1
MCK	McKinley baz=89	70.62 332	P	P	05 37 34.6	-0.6
NEA2	Nerna baz=89	70.66 333	P	P	05 37 35.6	+0.2
I23K	Minto, Yukon-K baz=89, SNR=8.0	70.77 334	P	P	05 37 36.2	+0.2
PMR	Palme baz=88	70.77 330	P	P	05 37 36.3	+0.2
TOLK	Toolik Lake Re comp=Z,7.1nm,1.2s	70.82 337	I	Amb	05 37 41.2	
TOLK	Toolik Lake Re baz=81	70.82 337	P	P	05 37 36.9	+0.6
E23K	Chandalar baz=90	70.84 337	P	P	05 37 36.7	+0.2
MOA	Molin comp=Z,8.5nm,1.6s	70.94 45	i	pP	05 37 39.2	-0.9
SEW	Seward baz=87	71.00 328	P	P	05 37 37.2	-0.2
G23K	Bananza Creek baz=89, SNR=7.8	71.01 335	P	P	05 37 37.6	+0.1
COLD	Coldfoot comp=Z,10nm,1.1s	71.07 336	I	Amb	05 37 40.3	
COLD	Coldfoot baz=89, SNR=7.3	71.07 336	P	P	05 37 38.2	+0.4
RC01	Rabbit Creek A baz=81	71.08 329	P	P	05 37 38.3	+0.3
O22K	Cooper Landing baz=87	71.11 329	P	P	05 37 37.3	-0.8
C23K	Iktilik River baz=88	71.18 339	P	P	05 37 38.7	+0.2
D23K	Nanushuk River comp=Z,15nm,1.2s	71.22 338	I	Amb	05 37 41.0	
D23K	Nanushuk River baz=89, SNR=7.1	71.22 338	P	P	05 37 38.9	+0.2
TRF	Thorfare Moun baz=87, SNR=7.9	71.23 332	P	P	05 37 39.4	+0.3
M22K	Willow baz=87	71.23 330	P	P	05 37 38.7	-0.2
CUTK	Chulitna comp=Z,14nm,1.1s	71.27 331	P	P	05 37 38.7	-0.4
MLY	Manley baz=88, SNR=8.1	71.36 334	P	P	05 37 39.6	0.0
BPAW	Bear Paw Mtn, baz=87, SNR=5.5	71.51 333	P	P	05 37 40.9	+0.3
SUA	Susitna One baz=86	71.55 330	P	P	05 37 41.1	+0.1
SOKA	Soboth comp=Z,6.4nm,1.4s	71.58 46	i	pP	05 37 42.8	+1.3
E22K	Anaktuvuk Pass baz=88	71.66 337	P	P	05 37 42.2	0.0

20d 5h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations like F15K, O14K, N14K, etc.

Technical notes and coordinates: IDC 20 05:31:01.8, 0.7, 44.67N, 78.78E, h0km, mb3.8/11, mbmp3.9/19, ML3.7/8, MS3.3/6, Error ellipse: s-maj=11.7km s-min=8.3km az=146.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like TDK, ARXS, DJR, etc.

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Main table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like KST, TKM2, BOOM, etc.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like ZALV, ZALV, SHAA, etc.

20d 6h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Purkeypile, Old Harbor, Manley, etc.

2020 JAN

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Babbage River, Kandik River, Star Point, etc.

1328

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Maungataniwha, Kaweka Forest, North Tongariro, etc.

IDC 20 05:45:07.3-1.2, 16.03N-120.05E, h0km, mb3.6/6, mbtm3.6/6, MS3.0/2, Error ellipse: s-maj=61.5km s-min=19.6km az=62.0, Luzon

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Chiang Mai Arr, Sngino Array, Warrungarra Arr, etc.

DJA 20 05:55:26.9-0.3, 7.53S-107.06E, h10km, M4.1/18, mb4.5/4, MLV3.9/18

IDC 20 05:55:36.3-2.0, 5.91S: 107.04E, h102km, 28km, mb3.2/4, mbtm3.6/4, Error ellipse: s-maj=174.6km s-min=26.4km az=51.0

ISC 20 05:55:26.2-1.1, 7.23S:0.08-105.99E:0.06, h10km, n25, r121/26, mb3.5/4, Jawa

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Sukabumi, Dramaga, Serang, etc.

JMA 20 06:30:05.6-0.2, 35.5N:0.6-14.1E, h33km, 1km, MV3.0/35, NEAR CHOSHI CITY

IDC 20 06:30:13.5-5.8, 35.14N:140.31E, h75km, 41km, mb3.2/3, TNG, mbtm3.4/4, ML1.7/1, Error ellipse: s-maj=102.8km s-min=30.6km az=69.0

ISC 20 06:30:05.9-1.6, 35.46N:0.07-141.2E:0.1, h33km, n18, r07/12, mb3.6/3, NEAR east coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like Samsuatsuou, Itakohiroinouch, Chibachonon, etc.

RSPR 20 06:35:05.3, 17.80N-66.84W, h8km, 2km, MD2.9/4

NEIC 20 06:35:05.1-0.8, 17.80N:0.03-66.83W:0.01, h10km, 1km, ML2.6/36, MD2.9/4(RSPR), 10C, Error ellipse: s-maj=4.9km s-min=2.8km az=11.0, Puerto Rico region

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like SACV, BBTS, HHSZ, GR1C, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like VRZ, CBE, RTZ, GDSD, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like PPT, HUEH, RAR, etc.

20d 6h

Table with columns for team names (e.g., WRA, WRA, WRA), scores, and other statistics. Includes sub-headers like 'comp=Z,14nm,0.8s' and various abbreviations like 'P', 'Pdif', 'Pmax'.

2020 JAN

Table with columns for team names (e.g., KBA, SOKA, SOKA), scores, and other statistics. Includes sub-headers like 'comp=Z,33nm,1.2s' and various abbreviations like 'P', 'Pdif', 'Pmax'.

1332

Table with columns for team names (e.g., NKCC, KASTH, VRAC), scores, and other statistics. Includes sub-headers like 'comp=Z,21nm,35.8s' and various abbreviations like 'P', 'Pdif', 'Pmax'.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like YUK4 Talbot Arm, PINN Pinnacle, H31M Peel River, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like IRK comp=Z,660nm,2.1s, SEW Seward, INCN Incheon, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like JRY Ryogami san, D23K Nanushuk River, R16K Point Barrow, etc.

20d 7h

Table of station data for 20d 7h, including station names like Osenovka, Karabastau, Kurty, etc., and their associated codes and values.

2020 JAN

Main table of station data for 2020 JAN, including station names like KUDL, BVAR, ZALV, etc., and their associated codes and values.

1338

Table of station data for 1338, including station names like CELP, LSP, UUPR, etc., and their associated codes and values.

20d 9h

Table of station data for 20d 9h, including station names, coordinates, and various parameters like SNR and error rates.

2020 JAN

Main table of station data for 2020 JAN, listing stations like ILOM, YKAWI, YKAW2, etc., with their respective coordinates and parameters.

1340

Table of station data for 1340, including stations like SRDR, Sredinnyy, SMKR, etc., with their coordinates and parameters.

Table with columns: Code, Station Name, Az, El, P, Sg, Res, Time, Res. Includes stations like EMPR Esperanza - Ma, SJG San Juan, AGPR Aguadilla, etc.

RSNC 20 09:36:34.6-0.3, 18°N, 4°6'7W, h0km, M4.9, mb4.7, mB5.4, ML4.1, Mw(mB)4.9, Mw(Mwp)6.3, Mw(p)6.3

NEIC 20 09:36:36.3, 17.98N, 66.75W, h7km, MD4.37, Moment Tensor Solution. Moment tensor: Scale 10^19 Nm; Mrr-3.31; Mth2.52; Mts0.79; Mts0.21; Mts1.54; Mtr-0.59; Fault plane solution: M3.43, 0.000, 0.105; NP1=3.49, 0.000, 0.000; NP2=2.50, 0.000, 0.000; NP3=0.000, 0.000, 0.000; Principal axes: T 3.4231, P 1.0000, Azm149.0000; N 0.0038, Plg11.0000; Azm59.0000; P -3.4269, Plg79.0000; Azm145.0000;

CATAC 20 09:36:36.4-0.2, 18°N, 3°6'7W, h10km, M5.1/12, mb4.9/12, mB5.5/12, MLv5.2/10, Mw(mB)5.0/4, Error ellipse: s-maj=5.9km s-min=2.9km az=3.1, Moment Tensor Solution. Moment tensor: Scale 10^19 Nm; Mrr-2.58; Mth0.98; Mts1.60; Mts0.76; Mts0.99; Mtr-0.15; Fault plane solution: M2.57824; 1015; NP1=3.229, 59518; 3.50, 35649; -1.73, 00025; NP2=3.9202, 842, 57576; -1.09, 43619; Principal axes: T 2.3435, Plg3.9888; Azm307.6347; N 0.4183, Plg13.0106; Azm8.5579; P -2.7618, Plg76.3711; Azm200.9207; confirmed

NEIC 20 09:36:37.4-2.8, 17.93N, 0.05:66.76W, h10km, 1km, mb4.8/289, ML4.7/40, Mw4.4/29, ML4.6/7(RSPR), Mw4.3/15(SLM), Error ellipse: s-maj=8.4km s-min=3.0km az=4.0, Moment Tensor Solution. Moment tensor: Scale 10^19 Nm; Mrr-4.37; Mth3.55; Mts0.82; Mtr-1.77; Mts1.79; Mtr0.92; Fault plane solution: M4.83000, 1015; NP1=6.81, 36000; 8.55, 21000; -1.68, 85000; NP2=2.27, 22000; 3.40, 01000; -1.17, 45000; Principal axes: T 4.6025, Plg8.0000; Azm156.0000; N 0.4331, Plg17.0000; Azm249.0000; P -5.0356, Plg71.0000; Azm43.0000;

Table with columns: Code, Station Name, Az, El, P, Sg, Res, Time, Res. Includes stations like GBPR Guanica, OBIP Obispo, OBIP Obispo Ponce, etc.

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

HIDR Higüey Centro 1.97 290f eP Pn 09 37 09.8 0.0

MIDR Miches 2.41 296f eP Pn 09 37 18.2 -1.6

DR08 Loma La Naviza 3.26 289f eP Pn 09 37 30.9 +3.3

ANWB Willy Bob 4.75 92 eP Pn 09 37 50.9 +3.0

Table with columns: Code, Station Name, Az, El, P, Sg, Res, Time, Res. Includes stations like CBE Ff, Capester, PAPH Port-au-Prince, etc.

Table with columns: Code, Station Name, Az, El, P, Sg, Res, Time, Res. Includes stations like BIM Bigot, BIM Morne Pois Mar, BIM Gadeloupe/Mar, etc.

BBAC Balboa Caoua 18.87 214 P P 09 40 55.3 -1.7

Y60A Bolivia 19.01 330 P Pn 09 41 00.3 +1.4

BOAB BOACO BROADBA 0.4 256 P Iamb Iamb 09 41 01.1 +1.6

JTS Las Juntas de 19.20 249 P Pn 09 41 02.1 +0.7

Table with columns: Code, Station Name, Az, El, P, Sg, Res, Time, Res. Includes stations like APG El Apazo, HOSN1 Guadeloupe/Mar, etc.

20d 9h

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like S54A Dingess, M65A Busby, W50A Signal Mount, etc.

2020 JAN

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like E28A Huff, PB05 IPOP Station P, PB10 IPOP Station P, etc.

1342

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like RES Resolute Bay, WRGLY Wrigley, EKA Eskdalemuir Ar, etc.

1343

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like E27K Coleen River, M26K Nabesna, AK, L26K Log Cabin Wild, etc.

2020 JAN

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like G21K Allakaket, A22K Sinclair Lake, C21K Knifeflade Rid, etc.

20d 9h

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like P08K Saint George I, SPIA Saint Paul Is, NIKH Nikolski Hill, etc.

NEIC 20 09:42:33.2-1.1, 17.95N-02:66.74W-0.01, h10km, 1km, ML3.5/40, Md2.9/6(RSPR), Error ellipse: s-maj=3.5km s-min=2.3km az=161.0

IDD 20 09:42:33.2-3.9, 17.91N-66:87W, h0km, mb3.3/3, mbmp3.4/4, ML2.3/1, Error ellipse: s-maj=104.8km s-min=40.2km az=98.0

RSPR 20 09:42:33.4, 17.95N-66:75W, h8km, 1km, MD3.0/9 SDD 20 09:42:33.4-1.5, 17.92N-66:75W, h12km, 155km, MD3.7, ML3.3, MW3.5, Presumed earthquake

ISC 20 09:42:33.9, 0.9, 17.96N-02:66.75W-0.02, h10km, 5km, n53, -150677z, mb3.3/3, 18C-8D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GBPR Guanica, Bosqu, OBIP Obispado Ponce, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ECPR, AGPR, and HUMP.

RSPR 20 10:05:46.1, 17.96N:66.84W, h10km, MD2.7/5
NEIC 20 10:05:44.1, 1.0, 17.84N:0.03:66.85W:0.02, h17km, 3km,
ML2.9/38, Md2.7/5 (RSPR), 9C-2D, Error ellipse:
s-maj=4.9km s-min=2.5km az=185.0, Puerto Rico
region

Main table for Puerto Rico region with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like GBPR, MLPR, CRPR, PRSN, AOPR, ECPR, AGPR, and HUMP.

IDC 20 10:11:43.5, 1.4, 15.89N:119.77E, h0km, mb3.4/4,
mbtmp3.4/4, Error ellipse: s-maj=169.1km
s-min=23.1km az=67.0, Luzon

Table for Luzon region with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like SONM, WRA, ASAR, and MKAR.

IDC 20 10:27:44.8, 2.21, 13S:177.85W, h0km, mb3.9/4,
mbtmp3.9/4, Error ellipse: s-maj=209.2km s-min=42.3km
az=31.0

NEIC 20 10:28:49.7, 1.0, 22.70S:0.09:179.37W:0.2, h58km, mb3.9/4,
mb4.5/23, Error ellipse: s-maj=25.5km s-min=13.1km
az=81.0

IDC 20 10:28:50.1, 1.22, 6S:0.1:179.4W:0.2, h579km, n49,
r=148/49, mb4.3/10, South of Fiji Islands

Table for South of Fiji Islands region with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MSFV, MARNC, HAZ, WACZ, etc.

Table for Mangatainoka region with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MRZ, GCGW, PAWZ, etc.

IDC 20 10:31:07.2, 1.14, 01N:51.70E, h0km, mb3.5/3,
mbtmp3.5/4, ML2.8/1, MS3.4/5, Error ellipse:
s-maj=53.9km s-min=30.1km az=177.0, Eastern Gulf of
Aden

Table for Eastern Gulf of Aden region with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like INKA, ASAR, WRA, GQSA, etc.

IDC 20 10:31:07.2, 1.14, 01N:51.70E, h0km, mb3.5/3,
mbtmp3.5/4, ML2.8/1, MS3.4/5, Error ellipse:
s-maj=53.9km s-min=30.1km az=177.0, Eastern Gulf of
Aden

Table for Eastern Gulf of Aden region with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ATD, GNI, PALK, etc.

GCG 20 10:31:51.6, 1.6, 15.69N:93.76W, h48km, 104km, ML3.4,
MW2.8, Presumed earthquake

MEX 20 10:31:53.2, 1.0, 15.75N:93.74W, h89km, 9km, MD4.1,
Near coast of Chiapas

Table for Chiapas region with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PCIG, CARR, CMIG, etc.

Table for Cruz Grande region with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TLIG, CRIG, YAU, etc.

MEX 20 10:33:09.9, 0.5, 16.25N:98.05W, h10km, 4km, MD3.3,
Near coast of Guerrero

Table for Guerrero region with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like PNIG, YONIG, etc.

DJA 20 10:54:24.7, 0.9, 8'S:2'11.9"E, h20km, 9km, M3.5/12,
MLV3.5/12

IDC 20 10:54:27.8, 7.6, 7.59S:118.92E, h62km, 74km, mb3.2/2,
mbtmp3.4/4, ML3.3/2, MS3.4/1, Error ellipse: s-maj=85.6km
s-min=19.5km az=69.0

ISC 20 10:54:25.5, 1.0, 7.73S:0.04:118.75E:0.05, h35km, n19,
r=091/22, Flores Sea

Table for Flores Sea region with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like DBNI, PLAI, WBSI, etc.

IDC 20 11:00:12.7, 16.0, 19.44N:145.48E, h308km, 173km,
mb2.9/9, mbtmp3.0/9, Error ellipse: s-maj=42.2km
s-min=23.7km az=76.0

ISC 20 10:59:56.5, 1.3, 19.5N:0.2:145.6E:0.3, h147km, n9,
r=093/9, mb3.2/9, Mariana Islands

Table for Mariana Islands region with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WRA, SONM, ASAR, etc.

RSPR 20 11:01:13.1, 18.03N:66.73W, h14km, MD2.2/5
NEIC 20 11:01:12.2, 0.0, 18.01N:0.03:66.730W:0.009,
h19km, 2km, ML2.6/36, MD2.3/5 (RSPR), 6C-2D, Error
ellipse: s-maj=4.0km s-min=0.9km az=168.0, Puerto
Rico region

Table for Puerto Rico region with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like OBIP, OBIP, etc.

IDC 20 11:01:12.2, 0.0, 18.01N:0.03:66.730W:0.009,
h19km, 2km, ML2.6/36, MD2.3/5 (RSPR), 6C-2D, Error
ellipse: s-maj=4.0km s-min=0.9km az=168.0, Puerto
Rico region

Table for Puerto Rico region with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like OBIP, OBIP, etc.

20d 12h

Table with columns: S/GJ, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res. Includes stations like San Juan, Aguadilla, Patillas Dam, Guaynabo City, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res. Includes stations like Broome Senior, Marble Bar, Pilbara Seismi, etc.

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

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res. Includes stations like Arriaga, PCIG, TGIG, etc.

2020 JAN

Table with columns: PPM, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res. Includes stations like Los Arroyos, Yautepac, Platanillo, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res. Includes stations like KURK, KURBB, KURBB, etc.

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

THE 20 12:27:45.5, 37°N, 1°2'4E, h93km, 2km, M3.7/36, MLh3.7/36
ATH 20 12:27:45.0, 37°33'N-23°54'E, h97km, 4km, ML3.6/16, Manual Solution by A. Papageorgiou First location: 2020/01/20 12:28:46, This location: 2021/11/15 09:17:45

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Res. Includes stations like YDRA, MET1, MET6, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DALY Dalyan (Mula), VAY Valand, OHR OHR, VAE Valguarnera, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OBIP Obispado Ponce, OBIP Obispado Ponce, OBIP Obispado Ponce, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MAW Mawson, BVAR Borovoy Array, TORO Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like DJA 2014:11:46:6.0,5,2.5,5,13,9E,1, h23km,5km, M3,9/7, mb4.4/11, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IDC 2014:11:48:3.1, 9, 8, 78S, 128, 64E, h0km, mb3.6/1, mbmtmp3.3, etc.

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

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IDC 2014:18:44.6, 1.9, 26:11N:96:66E, h0km, mb3.1/4, mbmtmp3.2/4, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SONM Songino Array, MKAR Makanchi Array, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MOS 2014:49:34.7, 1.3, 27:54N:56:36E, h10km, mb4.4/10, Error ellipse: s-maj=8.7km, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like TEH 2014:49:37.2, 27:67N:56:43E, h18km, 22km, ML4.3, Presumed earthquake, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BNDS Bandar-Abbas, IBND Bandar-abbas, SHME Shamm, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RSPR 2013:14:44.7, 17:95N:66:99W, h13km, MD3.1/5, NEIC 2013:14:45.1, 1.2, 18:00N:02:66:92W, etc.

BER 2013:18:27.0, 1.6, 84:75N:7:70E, h0km, 78km, Mw3.5, Confirmed Earthquake

FCIAR 2013:18:28.0, 84:63N:11:01E, h10km, station OMEGA has station magnitude of 3.40

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NOR Nord, KBS Kingsbay, ZF12 Zemlya Franca, etc.

IDC 2013:53:14.8, 1.4, 7:36S:125:14E, h384km, 18km, mb2.6/1, mbtmp3.6/6, Error ellipse: s-maj=32.6km s-min=22.4km

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BATI Baunata, SIJI Si Jang, FITZ Fitzroy Crossi, etc.

IDC 2013:53:37.1, 7.8, 4:84S:153:08E, h98km, 59km, mb3.6/7, mbtmp3.9/8, ML1.6/1, MS2.7/1, Error ellipse: s-maj=62.5km s-min=29.9km az=85.0

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.

2020 JAN

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like GTBY, NMDO, SDV, etc.

2020 JAN

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like NVAR, BMO, ED, etc.

1350

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like FITZ, COEN, WBO, etc.

KRNET 20 15:31:37.7.0.1, 39:90N:77:07E, h20km, mb3.1
SOME 20 15:31:39.6.0.40:02N:77:02E, h10km
NNC 20 15:31:41.7.1.0.40:09N:77:02E, h0km, mb3.6, mpv3.4

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like JNKS, NNRN, etc.

IDC 20 15:25:11.6.1.2.3.41S: 130:87E, h0km, mb3.7/4,
mbmp3.87, ML3.6/3, MS3.0/1, Error ellipse: s-maj=66.4km
s-min=19.4km, az=80.0

NEIC 20 15:25:14.0.1.1.3.44S: 0:06:130:89E:0:06, h20km, 4km,
mb4.6/17, Error ellipse: s-maj=9.3km s-min=8.0km
az=51.0

DJA 20 15:25:15.4.0.7.3.S: 3:13:1E, h21km, 6km, MA.0/15,
mb4.2/5, MLV3.8/15
ISC 20 15:25:14.3.0.5.3.45S: 0:04:130:93E:0:05, h30km, n45,
a192/46, mb4.4/7, Seram

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like FAKI, BNDI, etc.

20d 16h

Table with columns: Code, Station Name, Az, Az16, Op, Phase ID, Time, Res, ISC. Includes stations like SEV, YAL, ALU, TARU, DNZZ, SUDU.

TIR 20 15:44:33.2, 41:50N, 19:67E, h11km, Md2.6/5, ML2.9/4
PDG 20 15:44:33.7, 0.0, 41:51N, 19:59E, h12km, ML2.8/13, Error ellipse: s-maj=0.1km s-min=0.1km az=0.0

BEO 20 15:44:33.4, 0.7, 41:41N, 19:57E, h11km, 4km, ML2.5/14
THE 20 15:44:35.8, 41:14N, 19:02E, h10km, 21km, M2.6/8

ML2.6/8
ISC 20 15:44:33.0, 1.0, 41:45N, 0:02, 19:58E, 0:03, h10km, 8km, n64, c095/94, 7C-6D, Albania

Main station list table with columns: Code, Station Name, Az, Az16, Op, Phase ID, Time, Res, ISC. Lists numerous stations including TIR, ULC, SDA, PPH, DRME, OHR, VLO, BUM, PDG, PVD, PVI, CEME, KBN, KRC, HCY, NKME, KOM, KOL, BEY, IVA, SKO, NEST, TREB, BRY, PENT, KEK, UPM, SJES, PLE, PL, STON, IGT, IGOU, KPRO, SELS, BARS, IVAS, PRIMD, VAY, GOC, MATE, BOSS, BLS, GRUS, DIVS, BOVS, LK2, TRU, ZAPS, WTS, ZAGS, BLKB, KUBS, MDVR, BZS, GZR, SIRR.

MOS 20 16:01:58.5, 0.9, 51:66N, 17:52W, h51km, mb4.5/13, Error ellipse: s-maj=11.3km s-min=8.2km az=96.0
AEC 20 16:01:58.8, 1.3, 51:61N, 0:02, 17:51W, 0.0, h26km, 3km, Error ellipse: s-maj=5.1km s-min=2.0km az=67.0
IDC 20 16:01:59.2, 0.9, 51:68N, 17:52W, h43km, 7km, mb3.9/27, mbtmp4.1/31, ML3.8/4, MS3.8/4, Error ellipse: s-maj=17.7km s-min=11.3km az=171.0
NEIC 20 16:02:00.1, 1.4, 51:67N, 0:07, 17:52W, 0:05, h42km, 5km, mb4.4/164, ML4.5/12, ML4.1(AEIC), Error ellipse:

2020 JAN

s-maj=10.5km s-min=4.0km az=171.0
ISC 20 16:01:59.6, 0.8, 51:62N, 0:08, 17:52W, 0:03, h45km, 6km, n501, c088/415, mb4.4/76, MS3.8/43, 4C-1D, Andreanof

Main station list table with columns: Code, Station Name, Az, Az16, Op, Phase ID, Time, Res, ISC. Lists numerous stations including GSG, GSI, GSK, GSTR, GSP, ETKA, ATKA, ADAG, ADK, KIMD, TAPA, TAF, GALA, GANO, CEPE, CESW, AMKA, CLCO, LSNW, NIKH, NIKK, P08K, P08J, SPIA, SHEM, SHEM, SHEM, SMDY, SMDY, SMDY, SMDY, SDPT, CNBA, CHNA, M11K, M11K, O14K, O14K, M13K, N14K, O15K, O15K, M14K, R16K, K13K, K13K, L14K, M15K, P16K, GAMB, CHIR, R17L, O16K, L15K, Q16K, N16K, J14K, Q17K, M16K, K15K, O17K, P17K, L16K, SII, R18K, N17K, P18K, M17K, OHAK, O18K, ANM, ANM, ANM, L17K, N18K.

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Main station list table with columns: Code, Station Name, Az, Az16, Op, Phase ID, Time, Res, ISC. Lists numerous stations including J16K, Q19K, K17K, KDAK, KDAK, KDAK, O19K, TNA, TNA, I17K, M18K, J17K, L18K, G15K, F14K, N19K, H16K, P19K, Q20K, SYI, F15K, L19K, L19K, G16K, G16K, J18K, H17K, H17K, CNPM, G17K, M20K, M20K, SPCR, BRSE, PET, H18K, J19K, J19K, GCSA, K20K, F17K, F17K, SLKM, SKT, SKT, PEAO, PETK, G18K, SUA, SEW, SEW, O22K, PPLA, PPLA, J20K, E17K, RC01, H19K, F18K, M22K, I20K, I20K, L22K, D17K, CHUM, G19K, CUT, H20K, PMR, C16K, E18K, GHO, KTH, KTH, RDOG, F19K, KNK, KNK, TRF, TRF, SML, BPAW, C17K, Q23K, GLI.

M23K	Glacier View	18.06	45	P	Pn	16 06 07.9 +1.1
I21K	Tanana	18.09	32	Iamb	Iamb	16 06 12.4
I21K	Tanana	18.09	32	P	Pn	16 06 07.8 +0.7
H21K	Melozitna Rive	18.12	31	Iamb	Iamb	16 06 13.1
H21K	Melozitna Rive	18.12	31	P	Pn	16 06 08.4 +0.8
WAT1	Susitna Watana	18.13	41	P	Pn	16 06 08.4 +0.7
E19K	Redstone River	18.19	22	Pn	Pn	16 06 09.1 +0.7
E19K	Redstone River	18.19	22	Iamb	Iamb	16 06 26.5
E19K	Redstone River	18.19	22	P	Pn	16 06 09.0 +0.7
SCM	Sheep Creek Mo	18.25	45	P	P	16 06 08.9 -0.1
RND	Reindeer	18.27	40	P	P	16 06 08.4 -0.8
RND	Reindeer	18.27	40	P	P	16 06 08.4 -0.8
RND	Reindeer	18.27	40	P	P	16 06 08.4 -0.8
WAT6	Susitna Watana	18.36	43	P	Pn	16 06 11.0 +0.4
C18K	Utukok River	18.37	16	P	Pn	16 06 11.5 +0.9
MCK	McKinley	18.39	39	P	Pn	16 06 11.7 +0.8
MLY	Manley	18.42	34	P	Pn	16 06 12.4 +1.1
G21K	Allakaket	18.48	28	Iamb	Iamb	16 06 19.1
G21K	Allakaket	18.48	28	P	Pn	16 06 12.7 +0.8
DHY	Denali Highway	18.72	41	P	P	16 06 14.2 0.0
DHY	Denali Highway	18.72	41	P	Pn	16 06 14.7 -0.3
H22K	Ishlitalina Cre	18.73	31	P	Pn	16 06 15.0 +0.2
KLU	Klutina	18.77	47	P	Pn	16 06 15.7 +0.2
BILL	Biilbino	18.77	338	Iamb	Iamb	16 06 15.3 -0.1
BILL	Biilbino	18.77	338	Iamb	Iamb	16 06 17.8
BILL	Biilbino	18.77	338	Iamb	Iamb	16 06 16.4 +1.0
BILL	Biilbino	18.77	338	Iamb	Iamb	16 06 16.4 +1.0
NEA2	Nenana	18.78	36	P	Pn	16 06 15.4 -0.1
D19K	Kuna River	18.83	20	Iamb	Iamb	16 06 22.7
D19K	Kuna River	18.83	20	P	Pn	16 06 15.8 -0.4
M24K	Tolsona, Glenn	18.86	45	P	Pn	16 06 16.8 +0.2
I23K	Minto, Yukon-K	18.97	35	P	Pn	16 06 17.2 -0.6
I23K	Minto, Yukon-K	18.97	35	Iamb	Iamb	16 06 36.1
I23K	Minto, Yukon-K	18.97	35	P	Pn	16 06 18.4 +0.6
F21K	Alatina Rive	18.98	26	P	Pn	16 06 17.4 -0.6
C19K	Lookout Ridge	19.06	17	Iamb	Iamb	16 06 25.7
C19K	Lookout Ridge	19.06	17	P	Pn	16 06 18.5 -0.4
E20K	Nigu River	19.07	22	P	Pn	16 06 18.5 -0.5
WRH	Wood River Hill	19.08	37	Iamb	Iamb	16 06 24.0
BMRM	Bremner River	19.22	49	P	Pn	16 06 20.5 -0.4
D20K	Etiwuk River	19.33	21	Iamb	Iamb	16 06 27.8
D20K	Etiwuk River	19.33	21	P	Pn	16 06 21.7 -0.4
COLA	College	19.37	36	Iamb	Iamb	16 06 22.0 -0.5
COLA	College	19.37	36	Iamb	Iamb	16 06 22.0 -0.5
COLA	College	19.37	36	P	Pn	16 06 22.3 -0.3
N25K	Chitina, Valde	19.40	47	P	Pn	16 06 22.4 -0.7
N25K	Chitina, Valde	19.40	47	Iamb	Iamb	16 06 37.4
N25K	Chitina, Valde	19.40	47	P	Pn	16 06 23.2 +0.1
HARP	HAARP	19.41	45	P	Pn	16 06 22.4 -0.6
PAX	Paxson	19.48	43	P	Pn	16 06 23.4 -0.5
HDA	Harding Lake	19.48	38	Iamb	Iamb	16 06 36.6
HDA	Harding Lake	19.48	38	P	Pn	16 06 23.6 -0.3
POKR	Poker Flat Res	19.65	36	P	Pn	16 06 25.4 -0.5
G23K	Bananza Creek	19.66	30	Iamb	Iamb	16 06 30.7
G23K	Bananza Creek	19.66	30	P	Pn	16 06 25.5 -0.6
K24K	Donnelly Dome	19.68	40	Iamb	Iamb	16 06 41.6
K24K	Donnelly Dome	19.68	40	P	Pn	16 06 25.3 +0.7
ILAR	Eielson Array	19.68	37	P	Pn	16 06 23.1 -1.5
ILAR	Eielson Array	19.68	37	P	Pn	16 06 25.0 +0.5
ILAR	Eielson Array	19.68	37	P	Pn	16 06 26.0 -0.3
ILAR	Eielson Array	19.68	37	P	Pn	16 06 26.0 -0.3
E21K	Killik River	19.74	23	Iamb	Iamb	16 06 29.7
E21K	Killik River	19.74	23	P	Pn	16 06 26.6 -0.4
H24K	Noodor Dome	19.86	34	Iamb	Iamb	16 06 27.4 +0.8
H24K	Noodor Dome	19.86	34	P	Pn	16 06 31.8
H24K	Noodor Dome	19.86	34	P	Pn	16 06 27.7 -0.8
CRQE	Cirque	19.89	50	P	P	16 06 27.8 +0.8
COLD	Coldfoot	19.93	29	P	Pn	16 06 27.8 +0.6
COLD	Coldfoot	19.93	29	Iamb	Iamb	16 06 34.6
COLD	Coldfoot	19.93	29	P	Pn	16 06 28.2 -1.0
RIDG	Independent Ri	20.03	41	P	P	16 06 29.2 +0.8
MCARA	McCarthy VSAT	20.07	48	P	P	16 06 29.1 +0.2
C21K	Knifeflade Rid	20.09	21	P	P	16 06 29.9 +0.9
J25K	Salcha River	20.19	38	Iamb	Iamb	16 07 11.6
J25K	Salcha River	20.19	38	P	Pn	16 06 30.2 +0.1
DOT	Dot Lake	20.32	42	P	Pn	16 06 31.2 -0.3
DOT	Dot Lake	20.32	42	Iamb	Iamb	16 06 35.5
M26K	Nabesna, AK	20.36	46	P	P	16 06 32.9 +0.9
D22K	Aiyikyak River	20.38	24	Iamb	Iamb	16 06 36.6
D22K	Aiyikyak River	20.38	24	P	Pn	16 06 33.2 +1.0
SCRK	Sand Creek	20.48	41	P	P	16 06 33.4 +0.1
G24K	Hadweencic Riv	20.48	32	Iamb	Iamb	16 06 39.4
G24K	Hadweencic Riv	20.48	32	P	Pn	16 06 34.4 -1.3
PRP	Porcupine Dome	20.54	36	P	P	16 06 34.7 +0.6
SEY	Seymchan	20.60	316	P	P	16 06 34.6 +0.1
SEY	Seymchan	20.60	316	P	P	16 06 34.6 +0.1
SEY	Seymchan	20.60	316	P	P	16 06 34.6 +0.1
SEY	Seymchan	20.60	316	P	P	16 06 34.6 +0.1
MA2	Magadan	20.60	306	P	Pn	16 06 32.9 -1.7
MA2	Magadan	20.60	306	P	Pn	16 06 36.5 -0.7

MA2	comp=Z,17nm,1.0s	20.64	27	Iamb	Iamb	16 06 43.2
E23K	Chandalar	20.64	27	P	P	16 06 36.0 +1.1
E23K	Chandalar	20.64	27	P	P	16 06 36.0 +1.1
CTG	Chitna Glacier	20.77	50	P	P	16 06 37.4 +0.9
F24K	Squaw Lake	20.82	30	Iamb	Iamb	16 06 41.5
F24K	Squaw Lake	20.82	30	P	P	16 06 38.2 +1.3
J26L	Joseph Creek	20.85	40	Iamb	Iamb	16 06 41.3
J26L	Joseph Creek	20.85	40	P	P	16 06 37.2 -0.1
M27K	Edge Creek, AK	20.85	46	Iamb	Iamb	16 06 58.9
M27K	Edge Creek, AK	20.85	46	P	P	16 06 38.2 +0.8
D23K	Nanushuk River	20.95	25	P	P	16 06 39.3 +1.0
D23K	Nanushuk River	20.95	25	Iamb	Iamb	16 06 46.7
D23K	Nanushuk River	20.95	25	P	P	16 06 39.6 +1.3
TOLK	Toolik Lake Re	21.03	26	P	P	16 06 40.1 +0.9
TOLK	Toolik Lake Re	21.03	26	Iamb	Iamb	16 06 47.7
TOLK	Toolik Lake Re	21.03	26	P	P	16 06 40.5 +1.3
L27K	Beaver Creek,	21.07	44	P	P	16 06 40.9 +1.2
FYU	Fort Yukon	21.16	34	Iamb	Iamb	16 06 49.8
K27K	Chicken	21.28	42	Iamb	Iamb	16 06 49.9
O28M	Mount Upton	21.29	51	P	P	16 06 42.2 -0.1
B22K	Teshkepuk Lake	21.31	20	Iamb	Iamb	16 06 52.5
B22K	Teshkepuk Lake	21.31	20	P	P	16 06 42.2 +0.1
BVCY	Beaver Creek	21.32	46	P	P	16 06 42.2 -0.1
YUK3	Moose Creek	21.36	48	P	P	16 06 43.7 +0.8
A21K	Barrow	21.48	16	P	P	16 06 44.7 +0.8
F25K	Christian Rive	21.57	31	Iamb	Iamb	16 07 04.2
F25K	Christian Rive	21.57	31	P	P	16 06 45.9 +1.0
D24K	Happy Valley	21.57	26	Iamb	Iamb	16 06 48.8
D24K	Happy Valley	21.57	26	P	P	16 06 46.3 +1.3
C23K	Itkillik River	21.58	23	P	P	16 06 46.3 +1.3
YUK8	Steg Glacier	21.58	50	P	P	16 06 46.5 +1.1
BMAR	Burnt Mountain	21.83	32	P	P	16 06 48.3 +0.6
E25K	Arctic Village	21.89	30	Iamb	Iamb	16 06 52.8
C24K	Franklin Bluff	21.98	25	Iamb	Iamb	16 06 52.5
C24K	Franklin Bluff	21.98	25	P	P	16 06 50.5 +1.2
O29M	Mout Kennedy	22.01	52	P	P	16 06 50.0 +0.2
I27K	Kandik River	22.05	38	P	P	16 06 51.0 +0.9
YUK4	Talbot Arm	22.12	50	P	P	16 06 52.5 +1.3
YUK6	Outpost Mounta	22.20	51	P	P	16 06 52.6 +0.6
H27K	Steamboat Moun	22.33	36	P	P	16 06 53.3 +0.2
DAWY	Dawson	22.41	42	Iamb	Iamb	16 06 54.6 +0.6
DAWY	Dawson	22.41	42	Iamb	Iamb	16 07 10.7
DAWY	Dawson	22.41	42	P	P	16 06 55.1 +1.0
M29M	Somme Creek	22.41	47	P	P	16 06 55.0 +0.8
HYT	Halls Junctio	22.60	51	P	P	16 06 56.9 +0.8
I28M	Miner Creek	22.64	39	P	P	16 06 56.5 +0.1
L29M	L29M	22.71	45	Iamb	Iamb	16 07 21.6
L29M	L29M	22.71	45	P	P	16 06 58.0 +0.8
N30M	Aishikik Lake	22.88	50	P	P	16 06 59.2 +0.2
J29N	Klondike Camp	23.01	42	P	P	16 07 00.7 +0.4
C26K	Camden Bay	23.10	59	P	P	16 07 01.7 +0.6
K29M	Barlow Dome	23.15	44	Iamb	Iamb	16 07 01.2 -0.6
K29M	Barlow Dome	23.15	44	Iamb	Iamb	16 07 03.4
K29M	Barlow Dome	23.15	44	P	P	16 07 01.9 +0.2
E27K	Coleen River	23.19	32	Iamb	Iamb	16 07 04.4
E27K	Coleen River	23.19	32	P	P	16 07 01.7 -0.3
M30M	Minto, Yukon	23.20	47	P	P	16 07 01.3 -0.9
I29M	Ogilvie Camp,	23.25	40	Iamb	Iamb	16 07 06.0
I29M	Ogilvie Camp,	23.25	40	P	P	16 07 02.7 +0.1
O30N	Mendenhall	23.28	52	P	P	16 07 02.1 -0.9
C27K	Jago River	23.30	28	P	P	16 07 02.4 -0.6
F28M	Old Crow	23.51	34	Iamb	Iamb	16 07 33.2
F28M	Old Crow	23.51	34	P	P	16 07 05.6 +0.5
N31M	Braeburn, Yuko	23.51	50	P	P	16 07 04.9 -0.3
H29M	Whitestone	23.51	38	Iamb	Iamb	16 07 28.1
H29M	Whitestone	23.51	38	P	P	16 07 05.3 +0.2
SKAG	Skagway	23.58	55	P	P	16 07 05.5 -0.3
SIT	Sitka	23.63	61	P	P	16 07 05.9 -0.3
J30M	Hart River	23.83	42	P	P	16 07 07.9 -0.3
J30M	Hart River	23.83	42	Iamb	Iamb	16 07 12.0
J30M	Hart River	23.83	42	P	P	16 07 08.4 +0.1
WHY	Whitborse	23.87	52	P	P	16 07 08.4 -0.2
G29M	Pine Creek	23.89	36	Iamb	Iamb	16 07 25.0
G29M	Pine Creek	23.89	36	P	P	16 07 09.0 +0.4
I30M	Mount Dempster	23.98	41	Iamb	Iamb	16 07 47.9
I30M	Mount Dempster	23.98	41	P	P	16 07 10.1 +0.4
R32K	Eaglecrest	24.00	58	P	P	16 07 10.2 +0.5
S32K	Killisnoo	24.01	60	P	P	16 07 10.3 +0.5
E28M	Babbage River	24.06	32	Iamb	Iamb	16 07 12.0
E28M	Babbage River	24.06	32	P	P	16 07 11.0 +0.8
EPYK	Eagle Plains	24.19	38	Iamb	Iamb	16 07 11.5 +0.1
EPYK	Eagle Plains	24.19	38	P	P	16 07 11.5 +0.1
P32M	Atlin	24.41	55	P	P	16 07 14.0 +0.5
E29M	Blow River	24.51	33	Iamb	Iamb	16 07 14.9 +0.6
E29M	Blow River	24.51	33	Iamb	Iamb	16 07 19.3

E29M	Blow River	24.51	33	P	P	16 07 14.9 +0.6
G30M	toah Zraii Nji	24.58	37	P	P	16 07 15.1 +0.2
D28M	Stokes Point	24.65	30	P	P	16 07 16.1 +0.7
N32M	Quiet Lake	24.78	51	P	P	16 07 16.9 +0.1
P33M	Teslin, Yukon	24.87	53	P	P	16 07 18.3 +0.6
U33K	Whale Pass	24.93	63	P	P	16 07 18.7 +0.5
F30M	Barrier River	24.95	35	P	P	16 07 18.5 +0.2
F30M	Barrier River	24.				

20d 16h

Table with columns for station name, frequency, and various signal quality metrics (e.g., S/N, SNR, error rates).

2020 JAN

Main table listing stations with columns for call sign, name, frequency, and signal quality metrics.

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Table listing stations with columns for call sign, name, frequency, and signal quality metrics.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like GANJ, Ganja, AGDM, Agdam, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like URKR, Urkarakh, BLQ, Beylaqan, etc.

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

AFAD 20:16:40:58.7,37:57N:44:36E, h19km, 1km, ML2.5, TEH 20:16:40:59.5,37:46N:44:88E, h8km, 91km, ML2.5,

Presumed earthquake

ISC 20:16:40:55.0:1.1,37.33N:0.06:44.60E:0.03, h6km, n20, 0:599/22, Turkey-Iran border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like YOVA, Hakkari, YAKSEK, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like GRMI, Germi, XNZR, Khunzakh, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like XNZR, Buynaksk, BUJR, Buynaksk, etc.

IDC 20:16:49:58.6:2.0,1575N:119:58E, h0km, mb3.3/3, mbtomp3.3/4, Error ellipse: s-maj=88.4km s-min=24.8km

az=52.0, Luzon

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like DGRG, Vedeno, DVE, Vedeno, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IHRS, Heris, SBZ, Shahbaz, etc.

TEH 20:16:52:44.2,42:16N:49:22E, h10km, ML2.9, Presumed earthquake

TIF 20:16:53:03.8,40:96N:49:08E, h46km, 1km

AZER 20:16:53:04.2,40:96N:49:00E, h42km, m1/3

DRS 20:16:53:05.6,40:90N:49:00E, h24km

ISC 20:16:53:02.3:0.7,40.96N:0.02:49.01E:0.02, h19km, n68, 2:201/22, 3D, Eastern Caucasus

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like ATGJ, Altiaghaj, ATGJ, Altiaghaj, etc.

NEIC 20:16:56:02.3:1.5,15:49N:0:05:95W:0:03, h24km, 10km, mb4.5/20, MD4.6/10(MEX), Error ellipse: s-maj=7.6km

s-min=3.7km, az=192.0

CATAC 20:16:56:04.7:1.1,16:N:4:9:5W:1, h10km, 9km, M4.7/8, mb4.7/1, ML4.7/8, Error ellipse: s-maj=11.2km

s-min=6.6km az=64.5, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=0.78; Mw=1.84; Mbb=1.05

Mw=0.68; Mw=1.14; Mw=1.57; Fault plane solution: M2:60250x10^15 Np1:110.53318^8, d45:29183^7, 1.163.07807^7, NP2:212.61407^8, d78:06147^7, 1.45.97602^7

Principal axes: T 2.5262, P1g40.0698^8, Azm62.6619^9; N 0.1427, P1g42.8380^8, Azm223.9202^9; P -2.6709, P1g20.5591^8, Azm334.2713^9; confirmed

MEX 20:16:56:05.1:0.9,15:50N:94:98W, h16km, 9km, MD4.6

ISC 20:16:56:01.9:1.4,15:46N:0:04:97W:0:03, h23km, 12km, n114, 0:2660/187, mb4.4/4, Near coast of Oaxaca

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

MEIG, Mezcala, MEIG, Mezcala, etc.

MEIG, Mezcala, MEIG, Mezcala, etc.

PETF, Flores, PETF, Flores, etc.

PETF, Flores, PETF, Flores, etc.

PETF, Flores, PETF, Flores, etc.

YAU, Yautepac, YAU, Yautepac, etc.

YAU, Yautepac, YAU, Yautepac, etc.

YAU, Yautepac, YAU, Yautepac, etc.

PLIG, Platanillo, PLIG, Platanillo, etc.

PLIG, Platanillo, PLIG, Platanillo, etc.

PLIG, Platanillo, PLIG, Platanillo, etc.

PLIG, Platanillo, PLIG, Platanillo, etc.

PLIG, Platanillo, PLIG, Platanillo, etc.

PLIG, Platanillo, PLIG, Platanillo, etc.

PLIG, Platanillo, PLIG, Platanillo, etc.

PLIG, Platanillo, PLIG, Platanillo, etc.

PLIG, Platanillo, PLIG, Platanillo, etc.

PLIG, Platanillo, PLIG, Platanillo, etc.

PLIG, Platanillo, PLIG, Platanillo, etc.

PLIG, Platanillo, PLIG, Platanillo, etc.

PLIG, Platanillo, PLIG, Platanillo, etc.

PLIG, Platanillo, PLIG, Platanillo, etc.

PLIG, Platanillo, PLIG, Platanillo, etc.

PLIG, Platanillo, PLIG, Platanillo, etc.

PLIG, Platanillo, PLIG, Platanillo, etc.

PLIG, Platanillo, PLIG, Platanillo, etc.

PLIG, Platanillo, PLIG, Platanillo, etc.

20d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like CDAR Ciudad de Arme, CEGR Campo Tres, SOR Soroa, etc.

WEL 20 17:34:44.0, 43.575:172:15E, h8km, ML4.0, Mw3.6, Moment Tensor Solution, s7 Moment tensor, Scale 10^14 Nm; Mn:1.03; M0:0.97; M2:2.01; M3:0.87; M4:2.17; M5:2.00; Fault plane solution: Ms3.54000x10^14 NP1; ...

NOU 20 17:44:43.4, 43.625:172:24E, h23km, MLV4.3/19, South Island, New Zealand; WEL 20 17:34:44.0, 0.5, 44.5, S2:2:17.2E; ...

ISC 20 17:34:43.1, 0.8, 43.605:02:172:20E:02, h16km, 5km, n112, 079/121, South Island

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists numerous stations including DLSL Dunsandel Scho, GDAL Greendale, LINC Lincoln Crop, etc.

2020 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like HIH2 Hauliti, TLZ Tolley Road, MTHZ Mangataniwha, etc.

ISC 20 17:56:31.7, 1.5, 0.90N:125:13E, h0km, mb3.4/4, mbtmp3.5/5, ML3.4/1, Error ellipse: s-maj=124.1km s-min=21.0km az=67.0, Northern Molucca Sea

FITZ Fitzroy Crossi 18.89 179 P Pn 17 00 52.1 -1.8

WRA Warramunga Arr 22.59 157 P Pn 18 01 33.1 -1.0

ASAR Alice Springs 25.86 161 P Pn 18 02 06.8 +1.5

MKAR Makanchi Array 59.00 327 P Pn 18 06 31.9 -1.5

KURBB Kurucharov Arr 63.28 329 P Pn 18 07 04.0 +1.7

OMAN 20 17:58:02.8, 0.5, 27:26N:56:76E, h10km, mb4.1/3, m3, 1/15, Error ellipse: s-maj=4.8km s-min=4.0km az=127.0

TEH 20 17:58:02.4, 27:50N:56:72E, h15km, 16km, ML3.1, Presumed earthquake

DSN 20 17:58:03.2, 1.4, 27:33N:56:65E, h10km, ML2.8/1.0, Error ellipse: s-maj=41.1km s-min=11.0km

ISC 20 17:58:02.0, 1.2, 27:35N:0:05:56:76E:0:05, h9km, 11km, n46, 093/59, Southern Iran

Main station list table for the 2020 JAN section with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like IBND Bandar-abas, KHJN Kahnjo, SHME Shamm, etc.

ISC 20 18:00:05.1, 0.5, 7:36N:78:62W, h0km, mb4.5/24, mbtmp4.6/29, ML3.6/5, MS4.3/55, Error ellipse: s-maj=17.6km s-min=10.8km az=60.0

RSNC 20 18:00:05.0, 0.0, 7:1N:3:7W, h4km, 4km, M4.9, mb5.5, mb5.6, ML4.7, MLV5.3, Mw5.2, Mw(Mw)5.1, Mw(Mw)4.8, Mw5.2

UPA 20 18:00:05.5, 1.6, 7:32N:78:54W, h5km, MW5.0, Presumed earthquake

NEIC 20 18:00:06.9, 2.0, 7:38N:0:05:78:63W:0.0, h10km, 1km, mb4.9/169, Error ellipse: s-maj=10.1km s-min=8.4km az=132.0

CATAC 20 18:00:10.2, 0.2, 7:1N:2:7W, h5km, M5.1/19, mb5.3/7, mb5.5/7, MLV5.3/19, Mw(Mw)5.0/7, Mw(Mw)4.8/4, Mw(Mw)5.1/4, Error ellipse: s-maj=4.6km s-min=2.4km az=21.2, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; ...

GFZ 20 18:00:08.6, 7:31N:78:57W, h10km, MW5.1, Moment Tensor Solution. s26 Moment tensor: Mr2.0; M0:0.45; M2:2.45; M3:0.88; M4:6.6; M5:2.07; Fault plane solution: NP1:0.277, 0.0000; 0.67, 0.0000; 1.3, 0.0000; NP2:0.186, 0.0000; 0.88, 0.0000; 1.156, 0.0000; Principal axes: T 4.0500, Plg18.0000; Azm139.0000; N 2.4000, Plg06.0000; Azm1.0000; P -6.4000, Plg15.0000; Azm234.0000

GCMT 20 18:00:08.9, 0.2, 7:42N:0:01:78:51W:0.01, h13km, MW5.1/140, Moment Tensor Solution. s60, c81; n140, c201; Duration: 0 Moment tensor: Scale 10^16Nm; M2:2.06; 12; M0:0.61; 11; M3:2.67; 13; M4:0.01; 24; M5:1.7; 10; Mr:3.23; 36; Best double couple: M6.41300x10^16 NP1:0.281, 0.0000; 0.55, 0.0000; 1.3, 0.0000; NP2:0.183, 0.0000; 0.80, 0.0000; 1.144, 0.0000; Principal axes: T 5.6140, Plg32.0000; Azm136.0000; N 1.5950, Plg53.0000; Azm349.0000; P -7.2120, Plg16.0000; Azm237.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

ISC 20 18:00:06.4, 1.1, 7:36N:0:02:78:55W:0:02, h13km, 6km, n382, 1967/331, mb4.8/95, MS4.4/11, C-25D, Panama

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

1358

Main station list table for the 1358 section with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Lists stations like PTAC Punta Arditia, PTAC Punta Arditia, etc.

20d 18h

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like VAE Valguarnera, ARCES ARCESS Array B, MORC Moravsky Berou, etc.

NEIC 20 18:02:55.3; 1.5, 22.9S; 0.2x179.4W; 0.1, h580km, 12km, mb4.3/2.1, Error ellipse: s-maj=27.7km s-min=13.5km az=187.0

IDC 20 18:03:00.4; 11.0, 22.72S; 179.79W, h638km, 138km, mb3.7/7, mbtmp4.4/7, Error ellipse: s-maj=87.0km s-min=37.9km az=56.0

ISC 20 18:02:56.2; 1.0, 22.7S; 0.1x179.6W; 0.1, h600km, n35, c259/34, mb4.2/17, South of Fiji Islands

Main table for station data with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like MSFV Nonsavu, PINNC Pines Island, EIDS Eidsvold, etc.

2020 JAN

Main table for station data with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like SHLS Shalkode, PDGK Podgorneye, UZB Uzynbulak, etc.

1360

Main table for station data with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like LSNR Lesken, AGRB Hanur-Agry, GANJ Ganja, etc.

NORS 20 18:43:04.3, 41.40N, 43.93E, h2km, MPVA3.5, ISK 20 18:43:06.2, 41.36N, 43.95E, h14km, ML2.6/8, MOS 20 18:43:06.9, 41.33N, 43.97E, h4km, MPVA3.7, AZER 20 18:43:06.0, 41.23N, 44.11E, h5km, ml2.9, DRS 20 18:43:09.2, 41.77N, 43.73E, h9km, ISC 20 18:43:06.7; 1.1, 41.37N; 0.02; 43.92E; 0.02, h7km, 10km, n90, c152/170, 1D, Turkey-Georgia-Armenia border region

20d 19h

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like P53A Whipple, O49A Covington, etc.

2020 JAN

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like HHAR Hobbs, MIAR Mount Ida, P38A Dawn, etc.

1362

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like NUBE Ciudad Sandino, SAPS SAPS, MTO3 Montecristo, etc.

Table with columns: STKA, Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes data for Alice Springs and Waramunga Arr.

NEIC 20 19:59:26.0-0.8, 17.93N, 0.02-66.71W, 0.01, h10km, 1km, ML3.5/40, ML3.3(RSPR), Error ellipse: s-maj=4.1km s-min=2.5km az=3.0

RSPR 20 19:59:26.3, 17.94N, 66.73W, h7km ISC 20 19:59:26.2-1.0, 17.93N, 0.04-66.71W, 0.02, h1km, 5km, n39, e0576/60, 9Z, Puerto Rico region

Main table for station data on the left side, including stations like Obispo Ponce, Guanica, Bosqu, Las Mesas, and Puerto Rico Se.

OSPL 20 20:00:05.0-0.6, 17.92N, 66.72W, h10km, 3km, ML3.6, Presumed earthquake

NEIC 20 20:00:05.1-0.9, 17.92N, 0.02-66.71W, 0.005, h10km, 1km, ML3.9/36, ML3.7(2)(RSPR), Mw3.6(SLM), Error ellipse: s-maj=3.5km s-min=2.2km az=7.0

NEIC 20 20:00:05.17, 17.94N, 66.72W, h8km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm, Mr=2.2; Mss=2.50; Mss=0.28; Mss=0.57; Mss=1.51; Mr=2.02; Fault plane solution: N-123.00000, NP2=275.00000, 366.00000, lambda=40.00000. Principal axes: T: 3.5083, P: 14.0000, Azm151.0000; N: 0.0015, P: 30.0000, Azm53.0000; P: -3.5098, P: 656.0000, Azm264.0000

RSPR 20 20:00:05.8, 17.94N, 66.72W, h8km, 1km SDD 20 20:00:06.3-0.9, 17.95N, 66.71W, h12km, 63km, MD2.9, ML3.7, MW3.7, Presumed earthquake

IDC 20 20:00:07.6-17.0, 18.12N, 67.18W, h0km, mb3.2/4, mbtmp3.2/4, Error ellipse: s-maj=358.1km s-min=83.3km az=156.0

ISC 20 20:00:05.2-0.8, 17.92N, 0.04-66.72W, 0.02, h1km, 5km, n54, e0570/76, mb3.3/4, 13C-3D, Puerto Rico region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Obispo Ponce, Guanica, Bosqu, Las Mesas, and Puerto Rico Se.

Table with columns: CRPR, Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Cabo Rojo, PR, and Arcedibo Observ.

NEIC 20 20:00:46.7-0.8, 17.91N, 0.01-66.71W, 0.01, h10km, 1km, ML3.4/36, MD3.3/4(RSPR), Error ellipse: s-maj=3.2km s-min=2.0km az=339.0

RSPR 20 20:00:47.3, 17.93N, 66.72W, h6km, MD3.3/4 ISC 20 20:00:46.9-1.4, 17.92N, 0.05-66.71W, 0.02, h1km, 5km, n29, e083/47, 1C-4D, Puerto Rico region

Main table for station data on the right side, including stations like Las Mesas, Puerto Rico Se, Experimental S, and various other stations.

NEIC 20 20:00:46.7-0.8, 17.91N, 0.01-66.71W, 0.01, h10km, 1km, ML3.4/36, MD3.3/4(RSPR), Error ellipse: s-maj=3.2km s-min=2.0km az=339.0

RSPR 20 20:00:47.3, 17.93N, 66.72W, h6km, MD3.3/4 ISC 20 20:00:46.9-1.4, 17.92N, 0.05-66.71W, 0.02, h1km, 5km, n29, e083/47, 1C-4D, Puerto Rico region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Obispo Ponce, Guanica, Bosqu, Las Mesas, and Puerto Rico Se.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Obispo Ponce, Guanica, Bosqu, Las Mesas, and Puerto Rico Se.

Table with columns: LSP, Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Las Mesas, Puerto Rico Se, Experimental S, and various other stations.

ISC 20 20:21:12.9-0.9, 22.3N, 0.1-143.2E, 0.2, h35km, n14, e1533/15, mb3.8/11, Volcano Islands region

ISC 20 20:21:12.9-0.9, 22.3N, 0.1-143.2E, 0.2, h35km, n14, e1533/15, mb3.8/11, Volcano Islands region

Main table for station data on the right side, including stations like Las Mesas, Puerto Rico Se, Experimental S, and various other stations.

IDC 20 20:21:16.6-3.8, 22.47N, 143.17E, h66km, 30km, mb3.5/11, mbtmp3.9/14, ML3.9/3, Error ellipse: s-maj=26.7km s-min=23.1km az=88.0

ISC 20 20:21:12.9-0.9, 22.3N, 0.1-143.2E, 0.2, h35km, n14, e1533/15, mb3.8/11, Volcano Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Obispo Ponce, Guanica, Bosqu, Las Mesas, and Puerto Rico Se.

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	ISC
Code	Station Name	Δ°	AZ°	Op	ISC	h	m	s
GRRI	Grays Lake	0.34	52	Pg	Pg	21 13 04.0	+0.8	
AHID	Auburn Hatcher	0.51	86	Pg	Pg	21 13 06.5	+0.2	
AHID				Sg	IAML	21 13 13.8	+0.9	
BEI	4µm,0.8s			Pg	Pg	21 13 08.4	-0.1	
MLI	Bear River Ran	0.62	180	Pg	Pg	21 13 10.9	-0.2	
NP1	Malad Range	0.75	200	Pg	Pg	21 13 10.9	-0.2	
EMUT	North Pocatell	0.80	223	Pg	Pg	21 13 11.9	-0.1	
L7A	Black Mountain	0.83	152	Pg	Pg	21 13 13.1	-0.3	
LDU	Cokeville	0.93	133	Pg	Pg	21 13 14.4	0.0	
SNOW	Hyde Park	0.93	179	Pg	Pg	21 13 14.1	-0.4	
SNOW	Snow King Moun	1.05	46	Pg	Pg	21 13 16.1	-0.7	
SNOW				Sg	IAML	21 13 30.1	-0.2	
SNOW	1µm,0.8s			IAML	IAML	21 13 37.5		
SNOW				IAML	IAML	21 13 38.0		
FXWY	1µm,0.9s			Pg	Pg	21 13 17.1	+0.1	
RSUT	Fox Creek	1.06	31	Pg	Pg	21 13 17.1	+0.1	
WVUT	Red Spur Mount	1.13	167	Pg	Pg	21 13 18.1	-0.2	
HWUT	Wellsville	1.13	187	Pg	Pg	21 13 18.0	-0.3	
HWUT	Hardware Ranch	1.14	172	Pg	Pg	21 13 18.1	-0.4	
HWUT				Sg	IAML	21 13 32.7	-0.5	
HWUT	792nm,0.8s			IAML	IAML	21 13 37.7		
HWUT				IAML	IAML	21 13 44.0		
LTU	756nm,0.8s			Pb	Pb	21 13 18.9	-1.1	
HJU	Little Mountai	1.19	197	Pg	Pg	21 13 18.9	-1.3	
LOHW	Hansel Valley	1.20	218	Pg	Pg	21 13 18.9	-1.3	
LOHW				Pg	Pg	21 13 20.2	0.0	
LOHW	Long Hollow	1.23	44	Pg	Pg	21 13 20.2	0.0	
LOHW				Sg	IAML	21 13 37.4	-0.9	
LOHW				IAML	IAML	21 13 40.6		
MOOV	538nm,1.1s			IAML	IAML	21 13 40.7		
MOOV	828nm,1.3s			Pn	Pn	21 13 20.8	-0.8	
MCU	Moose Ponds	1.27	36	Pg	Pg	21 13 20.8	-0.8	
MCU				Sg	IAML	21 13 38.3	-1.0	
MCU	Monte Cristo P	1.29	171	Pn	Pn	21 13 20.7	-1.2	
MCU	East Promontor	1.42	199	Pn	Pn	21 13 20.7	-1.2	
MCU	South Promontor	1.51	199	Pn	Pn	21 13 24.0	-0.8	
MCU	South Promontor	1.51	199	IAML	IAML	21 13 47.4		
MCU	comp=N,667nm,0.5s			IAML	IAML	21 13 57.7		
TCUT	comp=E,501nm,0.9s			Pb	Pb	21 13 21.1	-0.6	
BW06	Toone Canyon	1.64	170	Pb	Pb	21 13 27.1	-0.6	
PD31	Boulder Array	1.64	88	Pb	Pb	21 13 27.3	-0.4	
PDAR	Pinedale Array	1.64	88	Pb	Pb	21 13 27.1	-0.6	
PDAR	Pinedale Array	1.64	88	Pg	Pg	21 13 27.4	-0.3	
PDAR	comp=E,49nm,0.3s,baz=268,slow=16,SNR=311			Lg	Lg	21 13 49.5		
PDAR	comp=E,19nm,0.3s,baz=267,slow=19,SNR=5.8			Lg	Lg	21 13 26.6	-1.1	
YPP	Pinedale Array	1.64	88	Pn	Pn	21 13 27.6	+0.1	
YPP	Pitchstone Pla	1.69	25	Pn	Pn	21 13 27.6	+0.1	
YPP				IAML	IAML	21 13 56.2		
YPP	comp=E,327nm,0.5s			IAML	IAML	21 13 56.8		
YFT	Old Faithful	1.85	22	Pn	Pn	21 13 30.5	-0.8	
YFT				IAML	IAML	21 13 37.3		
YFT	comp=N,354nm,0.6s			Pb	Pb	21 13 30.5	-0.8	
YFT				IAML	IAML	21 13 37.3		
H7A	comp=N,259nm,0.7s			Pn	Pn	21 13 30.7	-1.1	
BCY1	Grant Vintone	1.88	27	Pn	Pn	21 13 30.7	-1.1	
YMR	Bear Canyon	1.97	324	Pn	Pn	21 13 31.9	-1.4	
YMR	Madison River	2.02	17	Pn	Pn	21 13 32.5	+0.5	
YMR				IAML	IAML	21 14 09.2		
YMR	comp=N,553nm,1.0s			IAML	IAML	21 14 16.5		
BGU	comp=E,501nm,1.0s			Pn	Pn	21 13 31.1	-0.8	
BGU	Big Grassy Mou	2.03	208	Pn	Pn	21 13 31.1	-0.8	
BGU				IAML	IAML	21 14 06.5		
CTU	comp=E,214nm,0.5s			Pn	Pn	21 13 31.8	-0.3	
CTU	Camp Tracy	2.04	179	Pn	Pn	21 13 31.8	-0.3	
CTU				IAML	IAML	21 14 03.0		
CTU	comp=N,392nm,0.6s			Pn	Pn	21 14 04.2		
YHB	comp=N,392nm,0.6s			IAML	IAML	21 14 04.2		
YHB	Horse Butte	2.06	12	Pn	Pn	21 13 32.7	+0.2	
YHB				IAML	IAML	21 14 05.1		
YHB	comp=N,262nm,0.9s			IAML	IAML	21 14 14.5		
HLID	comp=E,314nm,0.9s			Pn	Pn	21 13 33.2	+0.3	
HLID	Hailey	2.10	294	Pn	Pn	21 13 33.2	+0.3	
HLID				IAML	IAML	21 14 03.3		
QLMT	comp=E,439nm,0.6s			Pn	Pn	21 13 33.4	+0.2	
YNR	Earthquake Lak	2.11	7	Pn	Pn	21 13 33.4	+0.2	
YNR	Norris Junctio	2.14	22	Pn	Pn	21 13 32.7	+0.5	
YHL	Yellowstone No	2.14	21	Pn	Pn	21 13 33.4	-0.2	
YHL	Hebgen Lake	2.16	11	Pn	Pn	21 13 34.1	+0.3	
YHL				IAML	IAML	21 14 05.9		
YHL	comp=N,399nm,1.0s			IAML	IAML	21 14 09.3		
YHL				IAML	IAML	21 14 09.3		
YHM	comp=N,250nm,0.6s			Pn	Pn	21 13 34.3	+0.3	
MCMT	Holmes Hill	2.16	18	Pn	Pn	21 13 34.3	+0.3	
BSUT	McKenzie Canyo	2.23	340	Pn	Pn	21 13 36.1	-1.7	
BSUT	Blindstream Ca	2.33	160	Pn	Pn	21 13 36.4	+0.2	
BSUT				IAML	IAML	21 14 13.4		
YMP	comp=N,327nm,0.3s			Pn	Pn	21 13 37.3	+1.1	
YMP	Mirror Lake Pl	2.33	30	Pn	Pn	21 13 37.3	+1.1	
YMP				IAML	IAML	21 13 55.0		
YMP	comp=E,141nm,0.8s			Pn	Pn	21 13 40.7	+0.7	
DUG	Yellowstone No	2.61	29	Pn	Pn	21 13 40.7	+0.7	
DUG	Dugway, Tocoel	2.65	197	Pn	Pn	21 13 40.0	-0.5	
DUG				IAML	IAML	21 14 24.2		
DUG	comp=N,136nm,0.8s			IAML	IAML	21 14 32.9		
DUG				IAML	IAML	21 14 32.9		
MPU	comp=E,210nm,0.9s			Pn	Pn	21 13 40.7	-0.7	
MPU	Maple Canyon	2.72	178	Pn	Pn	21 13 40.7	-0.7	
MPU				IAML	IAML	21 14 26.3		
MPU	comp=N,82nm,1.1s			IAML	IAML	21 14 32.8		
RDMU	comp=N,101nm,1.1s			Pn	Pn	21 13 41.8	+0.2	
BOZ	Red Mountain	2.73	142	Pn	Pn	21 13 41.8	+0.2	
BOZ	Bozeman (W)	2.87	2	Pn	Pn	21 13 44.5	+1.1	
BOZ				IAML	IAML	21 14 33.0		
RLMT	comp=N,79nm,0.6s			Pn	Pn	21 13 46.2	+0.8	
RLMT	Red Lodge	3.00	36	Pn	Pn	21 13 46.2	+0.8	
RLMT				IAML	IAML	21 14 32.5		
MFID	comp=N,66nm,0.7s			Pn	Pn	21 13 47.7	+1.9	
LRM	Camas Ranch	3.04	284	Pn	Pn	21 13 47.7	+1.9	
ELK	Limekiln Ridge	3.12	351	Pn	Pn	21 13 49.4	+2.3	
ELK	Elko	3.23	234	Pn	Pn	21 13 49.9	+0.9	
ELK	comp=N,3.8nm,0.3s,baz=48,slow=10.0,SNR=17			Lg	Lg	21 14 38.3		
ELK	comp=N,11nm,0.3s,baz=189,slow=19,SNR=12			Lg	Lg	21 14 42.4		
ELK	Elko	3.26	234	Pn	Pn	21 13 48.9	0.0	
ELK				IAML	IAML	21 14 42.4		
ELK	comp=N,66nm,1.0s			IAML	IAML	21 14 45.8		
P17A	comp=N,71nm,0.7s			Pn	Pn	21 13 50.6	+0.5	
O20A	Butcher Ranch	3.35	166	Pn	Pn	21 13 50.6	+0.5	
Q16A	White River Ci	3.72	133	Pn	Pn	21 13 56.1	+0.9	
PLID	Castle Valley	3.84	173	Pn	Pn	21 13 56.7	-0.1	
PLID	Pearl Lake	3.85	309	Pn	Pn	21 13 59.0	+2.0	
PLID				IAML	IAML	21 14 59.1		
PLID	comp=N,74nm,0.7s			IAML	IAML	21 15 08.9		
K22A	comp=N,66nm,0.6s			Pn	Pn	21 13 58.4	+1.1	
HAYD	Casper	3.88	89	Pn	Pn	21 13 58.4	+1.1	
TCRU	Hayden	4.05	122	Pn	Pn	21 13 56.2	+3.6	
LYMT	Three Creeks R	4.15	187	Pn	Pn	21 14 02.5	+1.4	
PSUT	Lyon Mountain	4.25	355	Pn	Pn	21 14 04.8	+2.2	
BMO	Pine Spring	4.48	201	Pn	Pn	21 14 06.8	+1.1	
BMO	Blue Mountains	4.52	300	Pn	Pn	21 14 07.1	+0.9	
BMO				IAML	IAML	21 15 28.4		
BMO	comp=N,64nm,1.3s			IAML	IAML	21 15 33.2		
PV21	comp=N,29nm,0.9s			Pn	Pn	21 14 07.1	-1.4	
MPTR	Cone Mtn., Par	4.68	152	Pn	Pn	21 14 07.1	-1.4	
PV23	Mount Pierson	4.70	184	Pn	Pn	21 14 07.1	-1.4	
PV10	Carpendor Ridg	4.77	153	Pn	Pn	21 14 08.1	-1.6	
HMU	Paradox Valley	4.83	135	Pn	Pn	21 14 11.7	+1.2	
J08A	Henry Mountain	4.86	170	Pn	Pn	21 14 10.2	-0.7	
PV05	Circle Bar Ran	4.94	280	Pn	Pn	21 14 13.6	+1.6	
PV01	Paradox Valley	5.08	155	Pn	Pn	21 14.8	+0.8	
PMJT	Paradox Valley	5.11	151	Pn	Pn	21 14 15.0	+0.2	
JTMT	Jette	5.31	341	Pn	Pn	21 14 17.6	+0.5	
EGMT	Eagleton	5.48	14	Pn	Pn	21 14 19.7	+0.4	
LAO	LASA Array	5.60	43	Pn	Pn	21 14 20.6	-0.3	
PRN	Pharoc Range	5.88	206	Pn	Pn	21 14 26.4	+1.6	

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	ISC
Code</								

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FINES, NORSAR Array B, AB31, etc.

KRNET 20 22:14:52.0.0.1, 42.68N, 72.40E, h18km, mb3.0
SOME 20 22:14:52.9, 42.68N, 72.43E, h15km
NIC 20 22:14:52.5.0.5, 42.78N, 72.44E, h0km, mb3.3, mpv3.2, Error ellipse: s-maj=9.3km s-min=2.9km az=178.0

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MNAS, MRKS, ARK, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KST, BTLs, SFK, etc.

JMA 20 22:40:41.9.0.1, 38.5N, 02:14:17.7E, h52km, MV3.6/39, KINKAZAN REGION
JMA Felt J1 at KINKAZAN REGION
JYC 20 22:40:43.7.1.9, 39.13N, 140.43E, h0km, mb3.7/5, mbtmp3.6/7, ML2.9/2, MS3.7/2, Error ellipse: s-maj=47.4km s-min=23.8km az=84.0

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HONSHU, JIKH, etc.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MORC, ANAC, NIE, etc.

NOU 20 22:43:07.2, 15:47S, 166:39E, h30km, MLV4.2/11, Vanuatu Islands, Vanuatu Islands
SANVU Saraoutou 0.79 88 P Op ISC h m s ISC
SANVU Saraoutou 0.79 88 P P Sn 22 43 21.4 +0.8

VIE 20 22:56:51.7.0.5, 50.26N, 18.73E, h0km, mb2.5/5, ml2.5/4, Error ellipse: s-maj=4.7km s-min=3.3km az=151.0 18 km W of Katowice Suspected Mining induced.

Table with columns: Code, Station Name, Az, AzZ, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OKC, JVC, etc.

IDC 20:23:50.24.3.2.31.37S:177.50W,h0km,mb3.6/2, m2btp3.7/3,ML3.2/1,MS3.2/1, Error ellipse: s-maj=75.4km s-min=37.7km az=115.0, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like URZ Urewera, CTA Charters Tower, ASAR Alice Springs, WRA Warramunga Arr, FINES FINESS Array B.

WEL 21 00:03:16.4.0.2.0.39°S:171°5E, h17km,3km, M3.3/50, ML3.3/33,MLV3.3/50, Error ellipse: s-maj=3.7km s-min=2.0km az=177.8, confirmed

NOU 21 00:03:16.5.39°26S:174°60E, h27km,MLV3.6/16, North Island, New Zealand

ISC 21 00:03:16.7.0.1.39°27S:0°02'174.70E:0°02', h29km,7km, n23.0, r0994/138, 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 VRZ, LREZ, MHEZ, DREZ, INHS, PREZ, NEZ, PKVZ, NPCS, WAZ, KHEZ, KPEZ, TUHS, TWVZ, MTVZ, NBEZ, NMEZ, COVZ, TRVZ, FWVZ, MAVZ, WNVZ, NGVZ, WTVZ, NNVZ, SNVZ, TUVZ, KRVZ, OTVZ, HIZ, NTVZ, TMVZ, MOVZ, KATZ, RITZ, WATZ, OHVZ, TLZ, KUTZ, TSZ, PNHZ, KPHZ, WPRZ, POWZ, BKZ, MHZ, DVHZ, MRZ, MCHZ, WPHZ, OGWZ, KIWZ, PRWZ, DUWZ, NMHZ, TOZ, MTHZ, HWVZ, TIWZ, KAHZ, PRHZ, MUGZ, ANWZ, BFZ, CAWZ, RTZ, TCWZ, MTWZ, CPWZ, WELZ, TMWZ, URZ, URZ, KBAZ, PAWZ, MSWZ, NNKZ, AWVZ, TKWZ, TRWZ, QRZ, QRZ, QRZ, ETAZ, WTAZ, WIAZ, MBAZ, BSWZ, MRNZ, ABAZ, RUGZ, THZ, KHZ, KHZ, KHZ, DSZ, WCZ.

Table with columns: GVZ, LTZ, OUZ, OUZ, OUZ, OUZ, OKZ, RPZ, FOZ, TMZ, ODZ, JCZ, JAZ. Includes stations like Greta Valley S, Lake Taylor, Omaha, Omaha, Omaha, Okains Bay, Rata Peaks, Fox Glacier, Timaru, Otiahu Downs, Jackson Bay, Jackson Bay.

IDC 21 00:26:37.6:3.8.36°34N:140°20E, h78km,32km, mb3.0/4, m2btp3.3/4, Error ellipse: s-maj=42.0km s-min=27.0km az=86.0

JMA 21 00:26:38.7:0.1.36°3N:0°3:140°0E:0.4, h72km, MV3.2/39, SW IBARAKI PREF

JMA Feli J1 at SW IBARAKI PREF. ISC 21 00:26:37.8:1.0.36°3N:0°06:140°0E:0.06, h78km,7km, n23.0, r1516/20, mb3.4/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like JYT Yasato, JYT Ashikaga, JKT Katsushina, JKT Ryogasaki, JFY Yanaizu, JFY Onuma, JFK Kawasumi, JOTO OTAMA OYAMA, JODO Odawara 2, JYN Shimob, MJAR Matushiro Arr, MJAR Matushiro, MAT Matushiro, JNS Sasagawa, H1N1Z WAKE ISLAND Hy, H1N1Z WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, MKAR Makanchi Array, KURBB Kurchatov Arr, ILAR Eielson Array, WRA Warramunga Arr.

KRNET 21 00:42:20.8:0.1.41°73N:71°75E, h25km, mb2.0

SOME 21 00:42:21.1, 41°70N:71°80E, h15km

NNC 21 00:42:23.2:2.1.41°84N:71°78E, h0km, mb1.7, mpv2.5, Error ellipse: s-maj=20.4km s-min=6.5km az=169.0

ISC 21 00:42:21.7:1.1.41°72N:0°03:71°76E:0.03, h9km,8km, n17.0, r064/34, 16C-6D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like ARK Arkit, TRKS Terek-Say, MNAS Manas, ARSB Arslanbob, DZA Taraz, IUG Iuzhnay, IUG Iuzhnay, MRKS Merke, MRKS Merke, MRKS Merke, KK31 Karatay Array, KK31 Karatay Array, SALK Salm-Alik, SALK Erkin-Say, EK52 Batken, BTK Batken, ARLS Aral, ARLS Aral, BRLS Boroday, BRLS Boroday, BRLS Boroday, UCH Uchter, UCH Uchter, USP Osenovka.

OMAN 21 00:43:43.9:1.0.25°74N:64°40E, h10km, mb4.7/13, Error ellipse: s-maj=8.5km s-min=7.2km az=129.0, Southwestern Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like NGCH Negor - Chabah, NGCH Negor - Chabah, JLN Jalan Bani Suh, JLN Jalan Bani Suh, WBK Wadi Bani Khal, WBK Wadi Bani Khal, BIDO Bidbid, BIDO Bidbid, SMDO Samed, SMDO Samed, JMDO Jabal Madar, JMDO Jabal Madar, HOO Hoqain, HOO Hoqain, BSQ Bisya, BSQ Bisya, BANOM Banah, BANOM Banah, SOHO SOHO, SOHO SOHO, MDH Madha, MDH Madha, SHME Shamm, SHME Shamm, HATD Hatta, HATD Hatta.

Table with columns: HATD, MHTO, MHTO, ASHO, ASHO, ALNE, FAQ, ASUD, AJN. Includes stations like MHTO, MHTO, Ashiyah, Ashiyah, Al Ain, Al Faqa, Dubai, Al Ashush, Dub, Ajban.

RSNC 21 00:45:42.8:0.2.0.7°N:1°7'3W, h147km,1km, M2.5,ML2.3

FUNV 21 00:45:43.3.6°89N:73°17W, h144km, MV3.1, Presumed earthquake

ISC 21 00:45:41.2:1.4.6.87N:0°03:73°13W:0.04, h154km,8km, n25.0, r120/50, 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, BARC Barichara, BRJC Barrancabermej, BRJC Barrancabermej, PAMC Pamplona, Colo, PAMC Pamplona, Colo, RUSC La Rusia, RUSC La Rusia, RUSC La Rusia, CAPV Capacho, CAPV Capacho, PTBC PUERTO BERRIO, PTBC PUERTO BERRIO, OCAC Ocana, OCAC Ocana, SPBC San Pablo de B, SPBC San Pablo de B, SPBC Norcasia, SPBC Norcasia, CHIC Chingaza, CHIC Chingaza, HELC Santa Helena, HELC Santa Helena, HELC Santa Helena, HELC Santa Helena, UREC San Jos de Ur, UREC San Jos de Ur, SOCV Socops, SOCV Socops, VILC Villavicencio, VILC Villavicencio, CBOC Ciudad Bolivar, CBOC Ciudad Bolivar, DBBC Dabeiba, DBBC Dabeiba, SDV Santo Domingo, SDV Santo Domingo, ANIL Santa Ana, ANIL Santa Ana, APAC Apartado, Choc, APAC Apartado, Choc, ORTC Ortega, Tolima, ORTC Ortega, Tolima, SJCC San Jacinto, C, SJCC San Jacinto, C, SJCC San Jacinto, C, URMIC La Uribe, Meta, URMIC La Uribe, Meta.

IDC 21 00:51:47.3:3.9.14°28S:167°28E, h218km,37km, mb3.7/11, m2btp4.2/12, Error ellipse: s-maj=25.6km s-min=23.4km az=144.0

ISC 21 00:51:45.5:0.9.14°18S:0°09:167°4E:0.2, h200km, n14, r1501/15, mb3.9/11, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like DZM Mont Dzumac, DZM Mont Dzumac, STKA Stephens Creek, STKA Stephens Creek, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, PETK Petrovaylovsk, PETK Petrovaylovsk, GSPA South Pole Qui, GSPA South Pole Qui, LZDM Lanzhou Array, LZDM Lanzhou Array, SONM Songo Array, SONM Songo Array, ILAR Eielson Array, ILAR Eielson Array, MKAR Makanchi Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, LPAZ La Paz, LPAZ La Paz, ARCES ARCES Array B, ARCES ARCES Array B.

NEIC 21 00:53:28.7:1.9.20°93S:0°07:178°4W:0.1, h531km,5km, mb4.4/65, Error ellipse: s-maj=18.3km s-min=8.8km az=111.0

IDC 21 00:53:29.3:1.6.20°92S:178°53W, h537km, 15km, mb3.7/15, m2btp4.6/17, Error ellipse: s-maj=15.3km s-min=12.1km az=140.0

ISC 21 00:53:32.7:0.4.21°07S:0°08:178°62W:0.08, h579km, n235.0, r122/253, mb4.4/52, 36C-30D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like MNSV Nonsavu, MNSV Nonsavu, MARC Mare, Loyalty, MARC Mare, Loyalty, PINNC Pines Island, PINNC Pines Island, DZM Mont Dzumac, DZM Mont Dzumac, DZM Urewera, DZM Urewera, URZ Urewera, URZ Urewera, BKZ Black Stump Fm, BKZ Black Stump Fm, TCW Topyhouse, TCW Topyhouse, THZ Topyhouse, THZ Topyhouse, LTZ Lake Taylor, LTZ Lake Taylor, EIDS Eidsvold, EIDS Eidsvold, ARMA Armidale, ARMA Armidale, CTA Charters Tower, CTA Charters Tower.

21d 1h

Table of station data for 21d 1h, including call signs (CTAO, PMG, etc.), frequencies, and various status indicators (P, I, A, etc.).

20 JAN

Table of station data for 20 JAN, including call signs (CCB, COLA, HILR, etc.), frequencies, and various status indicators.

1370

Table of station data for 1370, including call signs (MODS, GZR, ELND, etc.), frequencies, and various status indicators.

IDC 21 01:07:24.6; 16.0, 9.86km; 126.04E, h83km; 158km, mb3.4/6, mbmp3.7/6, Error ellipse: s-maj=163.8km s-min=24.0km

ISC az=68.0, lon=107.26; 8.1, 6.97N; 0.5; 12.6E; h100km, n12, a0665/6; mb3.7/6, Mindanao

Table of station data for 1370, including call signs (WRA, ASAR, H1S1, etc.), frequencies, and various status indicators.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBIP, GBPR, Guanica, Bosqu, Cerrillos, UUPR, Maguayes Islan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like QBL Gabala, IML Ismayilli, SIZA Siyaz, POL Pirkuli, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WFSB Wu-fen Shan, WFSB Hungye, EHY Hehuan Shan, etc.

FRES	comp=N,10018µm,0.3s	0.93 279	P	Pb	03 25 11.6 -0.1
FRES	Fresagrindinar		S	Sn	03 25 24.4 -0.5
FRES	comp=N,3990µm,0.5s		AML	AML	
FRES	comp=N,6830µm,1.6s		AML	AML	
FRES	comp=E,6348µm,0.4s		AML	AML	
FRES	comp=N,3931µm,0.3s		AML	AML	
CAFE	Carife	0.95 212	U	Pb	03 25 11.9 -0.2
CAFE	comp=E,4210µm,0.3s		S	Sn	03 25 26.6 +1.1
CAFE	comp=N,2465µm,1.4s		AML	AML	
CAFE	comp=N,2535µm,0.6s		AML	AML	
CAFE	comp=E,4210µm,0.3s		AML	AML	
CAFE	comp=E,4320µm,0.3s		AML	AML	
CAFE	comp=E,4321µm,0.3s		AML	AML	
CAFE	comp=N,2203µm,0.3s		AML	AML	
CAFE	comp=E,4210µm,0.3s		AML	AML	
CAFE	comp=N,2140µm,0.3s		AML	AML	
CAFE	comp=E,4321µm,1.7s		AML	AML	
MRB1	Monte Rocchett	1.00 225	P	Pb	03 25 12.4 -0.4
MRB1	comp=N,5930µm,0.6s		AML	AML	
MRB1	comp=E,5205µm,0.5s		AML	AML	
MRB1	comp=E,5175µm,0.5s		AML	AML	
MRB1	comp=N,6150µm,0.6s		AML	AML	
MRB1	comp=E,5206µm,0.5s		AML	AML	
MRB1	comp=N,6151µm,0.6s		AML	AML	
MRB1	comp=E,5176µm,0.5s		AML	AML	
MRB1	comp=N,5932µm,0.6s		AML	AML	
SACR	S. Croce Del S	1.00 244	P	Pb	03 25 12.5 -0.4
SACR	comp=E,3175µm,0.7s		S	Sn	03 25 26.3 -0.4
SACR	comp=E,3095µm,0.7s		AML	AML	
SACR	comp=N,2790µm,0.4s		AML	AML	
SACR	comp=N,2630µm,0.4s		AML	AML	
SACR	comp=E,2637µm,0.2s		AML	AML	
SACR	comp=N,2791µm,0.4s		AML	AML	
SACR	comp=E,2570µm,0.2s		AML	AML	
SACR	comp=N,2631µm,0.4s		AML	AML	
CLT3	Calitri	1.01 202	P	Pb	03 25 12.4 -0.6
CLT3	comp=E,8755µm,0.3s		AML	AML	
CLT3	comp=N,10285µm,0.3s		AML	AML	
CLT3	comp=E,8734µm,0.3s		AML	AML	
CLT3	comp=N,10302µm,0.3s		AML	AML	
CLT3	comp=N,10302µm,1.7s		AML	AML	
CLT3	comp=E,8734µm,1.7s		AML	AML	
CLT3	comp=N,9070µm,0.4s		AML	AML	
CLT3	comp=E,8605µm,0.3s		AML	AML	
CLT3	comp=N,9065µm,0.4s		AML	AML	
CLT3	comp=E,8581µm,0.3s		AML	AML	
CLT3	comp=N,9091µm,0.4s		AML	AML	
CLT3	comp=N,9091µm,1.6s		AML	AML	
CLT3	comp=N,9091µm,1.6s		AML	AML	
TRIV	Trivento	1.01 266	U	Pn	03 25 13.4 +0.1
TRIV	comp=E,2505µm,1.1s		AML	AML	
TRIV	comp=N,2550µm,0.5s		AML	AML	
TRIV	comp=E,2555µm,1.1s		AML	AML	
TRIV	comp=N,2595µm,0.5s		AML	AML	
TRIV	comp=N,2594µm,0.5s		AML	AML	
TRIV	comp=N,2553µm,0.5s		AML	AML	
TRIV	comp=E,2452µm,0.8s		AML	AML	
TRIV	comp=E,2387µm,0.8s		AML	AML	
TRIV	comp=N,2594µm,1.5s		AML	AML	
TRIV	comp=N,2553µm,1.5s		AML	AML	
BSSO	Busso	1.02 254	P	Pb	03 25 13.3 0.0
BSSO	comp=E,674µm,1.1s		AML	AML	
BSSO	comp=N,782µm,0.6s		AML	AML	
BSSO	comp=E,644µm,0.5s		AML	AML	
PSB1	Pescosannita	1.03 234	P	Pb	03 25 12.5 -0.8
ACER	Acerenza	1.05 178	P	Pb	03 25 12.8 -1.0
ACER	comp=E,13350µm,0.9s		AML	AML	
ACER	comp=N,7610µm,0.8s		AML	AML	
ACER	comp=E,12700µm,0.9s		AML	AML	
ACER	comp=N,7080µm,0.5s		AML	AML	
ACER	comp=E,12614µm,0.4s		AML	AML	
ACER	comp=E,12118µm,0.4s		AML	AML	
ACER	comp=N,6548µm,0.3s		AML	AML	
AMUR	Altamura	1.07 150	U	Pn	03 25 13.2 -0.8
AMUR	comp=N,8900µm,0.2s		S	Sn	03 25 29.0 +0.7
AMUR	comp=E,10950µm,0.3s		AML	AML	
AMUR	comp=E,10968µm,0.3s		AML	AML	
AMUR	comp=N,8902µm,0.2s		AML	AML	
MRLC	Muro Lucano	1.13 196	U	Pn	03 25 13.4 -1.5
MRLC	comp=E,1520µm,0.4s		S	Sn	03 25 31.2 +1.5
MRLC	comp=N,1475µm,1.5s		AML	AML	
MRLC	comp=E,3175µm,0.4s		AML	AML	
MRLC	comp=N,3080µm,1.5s		AML	AML	
MRLC	comp=E,3173µm,0.4s		AML	AML	

MRLC	comp=N,2816µm,0.3s		AML	AML	
MRLC	comp=N,1375µm,0.3s		AML	AML	
MTMR	Montemaro	1.14 217	U	Pn	03 25 14.1 -1.0
MTMR	comp=E,1516µm,0.4s		P	AML	
MTMR	comp=E,2085µm,0.3s		AML	AML	
MTMR	comp=E,1945µm,0.3s		AML	AML	
MTMR	comp=N,1910µm,0.6s		AML	AML	
MTMR	comp=E,2085µm,0.3s		AML	AML	
MTMR	comp=N,2065µm,0.6s		AML	AML	
MTMR	comp=E,2084µm,0.3s		AML	AML	
MTMR	comp=E,1945µm,0.3s		AML	AML	
MTMR	comp=N,1909µm,0.6s		AML	AML	
MTMR	comp=E,1945µm,1.7s		AML	AML	
MTMR	comp=E,2084µm,1.7s		AML	AML	
VITU	Vitalano (BN)	1.16 236	P	Pn	03 25 14.7 -0.6
VITU	comp=E,4325µm,0.6s		AML	AML	
VITU	comp=N,4260µm,0.9s		AML	AML	
VITU	comp=E,1390µm,1.4s		AML	AML	
VITU	comp=N,4220µm,0.5s		AML	AML	
VITU	comp=E,4324µm,0.4s		AML	AML	
VITU	comp=N,4200µm,0.5s		AML	AML	
VITU	comp=E,1385µm,0.3s		AML	AML	
VITU	comp=N,4220µm,0.5s		AML	AML	
MCRV	Calabutti - M	1.19 208	U	Pn	03 25 14.2 -1.6
MCRV	comp=E,2935µm,1.1s		AML	AML	
MCRV	comp=N,3310µm,0.2s		AML	AML	
MCRV	comp=E,2637µm,0.2s		AML	AML	
MCRV	comp=N,3309µm,0.2s		AML	AML	
MCRV	comp=N,3309µm,1.8s		AML	AML	
PZUN	Potenza	1.19 184	P	Pn	03 25 14.8 -0.9
PZUN	comp=E,2700µm,0.6s		AML	AML	
PZUN	comp=N,3485µm,0.3s		AML	AML	
PZUN	comp=E,2385µm,0.5s		AML	AML	
PZUN	comp=N,3485µm,0.3s		AML	AML	
PZUN	comp=N,3486µm,0.3s		AML	AML	
PZUN	comp=E,2238µm,0.3s		AML	AML	
PZUN	comp=E,2292µm,0.3s		AML	AML	
PZUN	comp=N,3487µm,0.3s		AML	AML	
MNT3	Montella	1.21 214	P	Pn	03 25 15.2 -0.8
MNT3	comp=E,2495µm,0.2s		AML	AML	
MNT3	comp=N,4610µm,1.3s		AML	AML	
MNT3	comp=N,4547µm,0.3s		AML	AML	
MNT3	comp=E,2492µm,0.2s		AML	AML	
MNT3	comp=E,271µm,0.2s		AML	AML	
MNT3	comp=N,4065µm,1.2s		AML	AML	
MNT3	comp=E,2707µm,0.3s		AML	AML	
MNT3	comp=N,4010µm,0.3s		AML	AML	
SGG	Gregorio Mates	1.23 249	P	Pn	03 25 16.2 0.0
SGG	comp=N,1935µm,0.5s		AML	AML	
SGG	comp=E,1900µm,1.6s		AML	AML	
SGG	comp=E,1950µm,1.6s		AML	AML	
SGG	comp=N,1935µm,0.4s		AML	AML	
SGG	comp=N,1970µm,0.5s		AML	AML	
SGG	comp=E,1889µm,0.4s		AML	AML	
SGG	comp=E,1857µm,0.4s		AML	AML	
SGG	comp=N,1972µm,0.5s		AML	AML	
SGG	comp=N,1933µm,0.5s		AML	AML	
MIDA	Miranda	1.25 261	U	Pn	03 25 16.3 -0.3
MIDA	comp=N,1340µm,1.5s		S	Sb	03 25 34.0 +1.2
MIDA	comp=E,2000µm,0.5s		AML	AML	
MIDA	comp=N,1340µm,1.5s		AML	AML	
MIDA	comp=E,1530µm,1.5s		AML	AML	
MIDA	comp=N,1940µm,0.5s		AML	AML	
MIDA	comp=E,1318µm,0.5s		AML	AML	
MIDA	comp=E,1999µm,0.5s		AML	AML	
MIDA	comp=N,1148µm,0.3s		AML	AML	
MIDA	comp=E,1318µm,1.5s		AML	AML	
MIDA	comp=N,1940µm,0.5s		AML	AML	
PAOL	Paolisi	1.29 232	P	Pn	03 25 16.8 -0.3
PAOL	comp=E,1815µm,0.3s		AML	AML	
PAOL	comp=N,2550µm,0.7s		AML	AML	
PAOL	comp=N,2565µm,0.7s		AML	AML	
PAOL	comp=N,2550µm,0.7s		AML	AML	
PAOL	comp=E,1915µm,0.3s		AML	AML	
PAOL	comp=E,1913µm,0.3s		AML	AML	
PAOL	comp=N,2568µm,0.7s		AML	AML	
PAOL	comp=E,1817µm,0.3s		AML	AML	
PAOL	comp=N,2550µm,0.7s		AML	AML	
LPEL	Lama dei Pellicci	1.30 280	P	Pn	03 25 17.1 -0.1
LPEL	comp=E,3780µm,0.2s		AML	AML	
LPEL	comp=N,4715µm,0.3s		AML	AML	
LPEL	comp=E,3960µm,0.7s		AML	AML	
LPEL	comp=N,4930µm,0.3s		AML	AML	
LPEL	comp=E,3878µm,0.2s		AML	AML	
LPEL	comp=N,4933µm,0.3s		AML	AML	
LPEL	comp=E,3777µm,0.2s		AML	AML	
LPEL	comp=N,4715µm,0.3s		AML	AML	
RNI2	Rionero Sannit	1.32 265	P	Pn	03 25 17.7 +0.2
RNI2	comp=E,2210µm,1.2s		AML	AML	

RNI2	comp=N,1430µm,0.7s		AML	AML	
RNI2	comp=E,2240µm,1.2s		AML	AML	
RNI2	comp=N,1430µm,0.7s		AML	AML	
RNI2	comp=N,1359µm,0.5s		AML	AML	
RNI2	comp=E,2120µm,0.3s		AML	AML	
RNI2	comp=N,1407µm,0.2s		AML	AML	
RNI2	comp=E,2060µm,0.3s		AML	AML	
RNI2	comp=N,1359µm,1.5s		AML	AML	
VAGA	Valle Agricola	1.32 252	P	Pb	03 25 18.0 -0.4
VAGA	comp=E,2345µm,0.6s		AML	AML	
VAGA	comp=N,2425µm,0.3s		AML	AML	
VAGA	comp=E,2430µm,0.6s		AML	AML	
VAGA	comp=N,2480µm,0.3s		AML	AML	
VAGA	comp=E,2427µm,0.6s		AML	AML	
VAGA	comp=N,2480µm,0.3s		AML	AML	
VAGA	comp=E,2343µm,0.6s		AML	AML	
PTRP	Pietrapertosa	1.32 175	P	Pn	03 25 17.0 -0.6
PTRP	comp=E,4470µm,0.5s		AML	AML	
PTRP	comp=N,4360µm,0.5s		AML	AML	
PTRP	comp=E,4469µm,0.5s		AML	AML	
PTRP	comp=N,4361µm,0.5s		AML	AML	
PTRP	comp=N,4361µm,1.5s		AML	AML	
PTRP	comp=E,4469µm,1.5s		AML	AML	
STN3	Satriano di Lu	1.32 188	P	Pn	03 25 16.6 -1.0
STN3	comp=N,97315µm,0.5s		AML	AML	
STN3	Ston	1.68 52	ePn	Pn	03 25 22.0 -0.5
STN3	Trebje	2.02 63	ePn	Pn	03 25 40.3 -3.1
STN3	Trebje	2.02 63	eSn	Pn	03 25 26.6 -0.4
STN3	Herceg Novi	2.02 72	ePn	Pn	03 25 50.4 -1.2
STN3	Herceg Novi	2.02 72	eSn	Pn	03 25 27.4 +0.3
STN3	Bratogost	2.22 61	ePn	Pn	03 25 53.5 -1.4
STN3	Bratogost	2.22 61	eSn	Pn	03 25 30.3 +0.3
STN3	Brajici-Budva	2.27 77	ePn	Pn	03 25 58.5 +1.6
STN3	Brajici-Budva	2.27 77	eSn	Pn	03 25 30.8 +0.2
STN3	Cevo	2.35 71	ePn	Pn	03 25 59.6 +1.5
STN3	Cevo	2.35 71	eSn	Pn	03 25 31.9 +0.2
STN3	Dracevica, Mon	2.47 81	ePn	Pn	03 26 01.6 +1.7
STN3	Dracevica, Mon	2.47 81	eSn	Pn	03 25 33.6 +0.3
STN3	Dracevica, Mon	2.47 81	ePn	Pn	03 26 04.3 +1.5
STN3	Dracevica, Mon	2.47 81	eSn	Pn	03 25 33.6 +0.3
STN3	Ulcinj	2.50 86	ePn	Pn	03 25 33.9 +0.2
STN3	Ulcinj	2.50 86	eSn	Pn	03 26 04.9 +1.4
STN3	Podgorica	2.56 76	ePn	Pn	03 25 34.9 +0.4
STN3	Podgorica	2.56 76	eSn	Pn	03 25 40.7 +0.4
STN3	Podgorica	2.56 76	ePn	Pn	03 25 34.9 +0.4
STN3	Podgorica	2.56 76	eSn	Pn	03 26 05.0 0.0
STN3	Unac-Piva	2.60 57	ePn	Pn	03 25 35.5 +0.2
STN3	Unac-Piva	2.60 57	eSn	Pn	03 26 07.8 +1.4
COR1	Corinaldo	2.79 311	AML	AML	
COR1	comp=N,936µm,0.9s		AML	AML	
COR1	comp=E,461µm,0.8s		AML	AML	
COR1	comp=E,461µm,0.8s				

SJA 21 04:18:40.6:0.7,30'68S:71'50W,h28km,2km,ML3.4,MW3.6

GUC 21 04:18:42.4:0.6,30'73S:71'41W,h52km,2km,ML3.6

ISC 21 04:18:42.4:1.0,30'72S:02:71'45W,0.03,h33km,9km,n62,c256/88,1C,Near coast of Central Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations including Fray Jorge, Combarbal, El Pedregal, Tololo Observa, Los Peladeros, Juntas del Tor, Rodeo, Las Campanas, Cuesta del Vie, Leonicito, El Transito, San Esteban, El Roble, Peidheue, Llanos de Chal, Curacav, Cerro Villicun, Hacienda Santa, Renca, CCHEN, Universidad Ad, Coronel Fontan, Ro Olivares, Salagasta, Bocatom Ro, Las Vizcachas, CERRO ARCO, Talagante, Pirague, Popeta, San Alfonso, Agrelo, Las Melosas.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations including Copiapo, Valle Fierre, Vinchina, Mina Casimiro, Tunca, Sierra Bellavi, CERRO LA CRUZ, Hualane, Tinogasta, Maricunga, Pan de Azucar, San Rafael, San Martin, Tinogasta, Maricunga, Pan de Azucar, San Rafael, San Martin.

NEIC 21 04:25:14.8:0.8,17:759N:0'10:66:86W:0'02,h10km,2km,ML3.6/36,MD3.4/9(RSPR), Error ellipse: s-maj=3.3km s-min=2.8km az=320 OSPL 21 04:25:16.2,17:83N:66:86W,h10km,MD3.4/9 OSPL 21 04:25:16.2,17:79N:66:86W,h10km,MD3.1, Presumed earthquake SDD 21 04:25:16.9:1.1,17:86N:66:86W,h21km,14km,MD3.5, ML3.3,MW3.6, Presumed earthquake ISC 21 04:25:15.9:1.1,17:83N:0'06:66:85W:0'02,h15km,6km,n44,c061/72,11C-SD,Puerto Rico region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations including Guanica, Bosqu, Cabo Rojo, PR, Obispo Ponce, Cerrillos, Aguadilla, PR, Esperanza - Ma, Isla Desecheo, San Juan, Patillas Dam, Guaynabo City, Curuchot Arra, Col San Antoni, Zalesovo Beam, ZALV, Kurbb, MKAR.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations including Higuey Centro, Miches, Loma Pena Alta, Hato Mayor del, Presa de Saban.

NEIC 21 04:34:13.4:0.8,17:91N:0'04:66:91W:0'02,h16km,2km,ML2.9/38,MD2.8/9(RSPR), Error ellipse: s-maj=6.0km s-min=1.3km az=198.0

RSPR 21 04:34:14.5,17:95N:66:92W,h9km,MD2.8/9 SDD 21 04:34:15.3:2.4,17:95N:66:95W,h16km,13km,MD3.2, ML2.7,MW2.8, Presumed earthquake ISC 21 04:34:13.8:0.9,17:92N:0'05:66:91W:0'02,h15km,5km,n43,c042/70,20C-SD,Puerto Rico region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations including Guanica, Bosqu, Cabo Rojo, PR, Obispo Ponce, Cerrillos, Aguadilla, PR, Esperanza - Ma, Isla Desecheo, San Juan, Patillas Dam, Guaynabo City, Curuchot Arra, Col San Antoni, Zalesovo Beam, ZALV, Kurbb, MKAR.

ASRS 21 05:01:09.0:1.2,55'70N:86'22E,h0km,M2.8(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. IDC 21 05:01:13.7:3.0,55'53N:86'36E,h0km,mbtmp2.9/3, ML2.4/3, Error ellipse: s-maj=28.4km s-min=20.2km az=76.0, Southwestern Siberia

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists seismic stations including Zalesovo Infra, ZALV, Kurbb, MKAR.

Table with columns MKAR, b, az, slow, SNR, Pn, Pn, Pn. Includes data for Borovoye Array and various station parameters.

NOU 21 05:27:46.4, 16.96S, 167.68E, h16km, MLv4.5/2.1, Vanuatu Islands, Vanuatu Islands

Table with columns Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like Devils Point, Rentapao, Sarautou, etc.

NEIC 21 05:28:08, 18.00N, 66.74W, h16km, Moment Tensor Solution. Moment tensor: Scale 10^14 Nm; M1=1.04; M2=1.98; M3=0.94; M4=0.30; M5=2.50; M6=1.73; Fault plane solution: M3.51000x10^14, NPT1=20.00000, 3.73.00000, lambda=143.00000, NPT2=30.00000, 3.60.00000, lambda=20.00000, Principal axes: T 3.5027, Plg8.0000, Azm144.0000; N 0.0041, Plg54.0000; Azm46.0000; P -3.5068, Plg34.0000; Azm244.0000;

PTWC 21 05:28:08, 18.10N, 66.70W, h10km, M4.1/1.6, NEIC 21 05:28:08.8, 1.9, 18.05N, 0.01, 66.745W, 0.009, h10km, mb4.1/9, ML4.1/38, Md3.7/9(RSPR), Mw3.6/8(SLM), Error ellipse: s-maj=3.0km s-min=1.8km az=175.0

RSPR 21 05:28:09.0, 18.00N, 66.74W, h16km, MD3.7/9, SDD 21 05:28:08.4, 0.9, 18.00N, 66.63W, h23km, 7km, MD3.7, ML3.3, MW3.9, Presumed earthquake

OSPL 21 05:28:08.8, 0.4, 18.00N, 66.72W, h19km, 2km, ML3.9, Presumed earthquake

ISC 21 05:28:08.7, 0.6, 17.99N, 0.03, 66.71W, 0.02, h23km, n110, c1823/139, mb4.1/4, 20C-13D, Puerto Rico region

Table with columns Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like Obispo Ponce, Cerrillos, Cabo Rojo, etc.

SDD 21 05:49:00.7, 2.8, 18.94N, 67.02W, h106km, 51km, MD3.6, ML2.7, MW3.1, Presumed earthquake

OSPL 21 05:49:00.2, 1.3, 19.24N, 67.46W, h18km, 7km, ML2.4, Presumed earthquake

NEIC 21 05:49:02.0, 1.8, 19.06N, 0.04, 67.19W, 0.04, h10km, 2km, ML2.5/38, Error ellipse: s-maj=8.7km s-min=4.6km az=36.0

ISC 21 05:48:59.0, 1.9, 19.22N, 0.07, 67.18W, 0.04, h2km, 12km, n29, c98/44, 10C-3D, Mona Passage

Table with columns Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like Agudilla, Esperanza, San Juan, etc.

Table with columns Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like Guaynabo City, Isla Desecheo, Punta Cana, etc.

SDD 21 05:49:00.7, 2.8, 18.94N, 67.02W, h106km, 51km, MD3.6, ML2.7, MW3.1, Presumed earthquake

OSPL 21 05:49:00.2, 1.3, 19.24N, 67.46W, h18km, 7km, ML2.4, Presumed earthquake

NEIC 21 05:49:02.0, 1.8, 19.06N, 0.04, 67.19W, 0.04, h10km, 2km, ML2.5/38, Error ellipse: s-maj=8.7km s-min=4.6km az=36.0

ISC 21 05:48:59.0, 1.9, 19.22N, 0.07, 67.18W, 0.04, h2km, 12km, n29, c98/44, 10C-3D, Mona Passage

Table with columns Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like Agudilla, Esperanza, San Juan, etc.

Table with columns CELP, IAML, Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like Obispo Ponce, Punta Cana, Guaynabo City, etc.

IDC 21 05:51:24.0, 1.0, 52.62N, 132.31W, h0km, mb3.8/6, mbmp3.6/10, ML3.5/4, MS3.0/3, Error ellipse: s-maj=14.6km s-min=7.6km az=51.0

PGC 21 05:51:26.0, 0.1, 52.71N, 132.27W, h23km, ML3.9/20, 61km south of Village of Queen Charlotte, Bc Haida Gwaii Region

NEIC 21 05:51:27.6, 2.2, 52.77N, 0.03, 132.3W, 0.1, h10km, 1km, mb4.0/13, Error ellipse: s-maj=13.1km s-min=5.0km az=84.0

ISC 21 05:51:26.7, 1.2, 52.75N, 0.04, 132.26W, 0.04, h12km, 7km, n100, c1839/110, mb3.9/8, Queen Charlotte Islands region

Table with columns Code, Station Name, Az, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like Mitchell Dam, Moresby Island, Dawson Inlet, etc.

Table with columns: Code, Station Name, s-min, az, 26.0, Banda Sea, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr.

SDD 21 08:32:25.6, 0.3, 17.85N, 66.82W, h12km, 999km, MD3.6, ML3.3, MW3.6, Presumed earthquake. NEIC 21 08:32:26.5, 1.0, 17.94N, 66.852W, 0.009, h10km, 1km, ML3.4/3.8, Md3.3/3.9(RSPR), Error ellipse: s-maj=4.8km, s-min=2.3km, az=8.0.

RSRP 21 08:32:26.6, 17.95N, 66.86W, h4km, MD3.2, h10km, 7km, ISC 21 08:32:25.7, 1.1, 17.90N, 66.85W, 0.020, h10km, 7km, n46, e59/65, 8C-8D, Puerto Rico region

Main table for 1383 with columns: Code, Station Name, s-min, az, 26.0, Banda Sea, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like GBPR Guanica, CRPR Cabo Rojo, PR, ASAR Alice Springs, STKA Stephens Creek, etc.

ISC 21 08:49:08.7, 1.3, 8.02S, 103.58E, h0km, mb4.0/11, mbmp4.0/12, ML4.1/1, MS2.8/1, Error ellipse: s-maj=47.0km, s-min=17.2km, az=48.0. DJA 21 08:49:09.6, 0.6, 8.5, 4.4, 10.4E, h10km, MA4.5, mb4.6/5, ML4.4/15.

NEIC 21 08:49:11.2, 0.8, 7.90S, 0.08x103.69E, 0.06, h10km, 1km, mb4.5/10, Error ellipse: s-maj=14.9km, s-min=7.4km, az=206.0.

ISC 21 09:49:10.8, 0.7, 7.85S, 107.10368E, 0.07, h10km, n49, e69/45, mb4.4/19, Southeast of Sumatra

Table with columns: Code, Station Name, s-min, az, 26.0, Banda Sea, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like KASI Kota Agung, LWLI Liwa, ENGGANO, BLSI, SKJI, etc.

Table with columns: LEM, LR, LR, 08 52 05.9. Includes stations like LEM Lemang, MASI Maura Aman, Be, PKJI Karang Pucung, UGM Wanagama, etc.

Table with columns: CMAR, LR, LR, 08 54 50.6 +1.5. Includes stations like CMAR Chiang Mai Arr, WARRAMUNGA ARR, CHTO Chiang Mai.

Table with columns: WRA, LR, LR, 08 55 36.8 -1.0. Includes stations like WRA Warramunga Arr, WRR8 Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: STKA, LR, LR, 08 57 06.4 -0.9. Includes stations like STKA Stephens Creek, G2A2 Gaotai, KSH2 Kashi, etc.

Table with columns: SONM, LR, LR, 08 58 46.5 +0.5. Includes stations like SONM Songoing Array, HAILAR ARRAY B, MKAR Makanchi Arr, etc.

Table with columns: HILR, LR, LR, 08 59 10.2 +0.5. Includes stations like HILR Hailar Array B, KURBB Kurchatov Arra, KURK Kurchatov, etc.

Table with columns: ZAAO, LR, LR, 08 59 40.8 -0.8. Includes stations like ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Borovoye Array, etc.

Table with columns: AB31, LR, LR, 09 00 13.2 -0.1. Includes stations like AB31 Akbulak array, ABXAK Akbulak array, BRTR Keskin Array B, etc.

Table with columns: TXAR, LR, LR, 09 08 54.3 +0.9. Includes stations like TXAR Lajitas Array.

ISC 21 09:05:11.7, 1.4, 50.52N, 0.06x18.10E, 0.04, h16km, 11km, n8, e15/44/15, Poland

Table with columns: MORC, LR, LR, 09 05 38.2 -0.5. Includes stations like MORC Moravsky Berou, OJC Ojcow, OJC Ojcow, etc.

Table with columns: KRUC, LR, LR, 09 05 40.1 +0.6. Includes stations like KRUC Moravsky.

NOU 21 09:05:42.1, 22.28S-169.68E, h0km, MLV4.2/14, Southeast of Loyalty Islands, Southeast of Loyalty Islands

Table with columns: Code, Station Name, s-min, az, 26.0, Banda Sea, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like MARNC Mare, Loyalty, PINNC Pines Island, YATNC Mamie plateau, etc.

ISC 21 09:23:31.7, 1.8, 7.76S, 128.24E, h0km, mb3.6/2, mbtmp3.5/5, ML3.6/3, Error ellipse: s-maj=84.1km, s-min=26.7km, az=74.0, Banda Sea

Table with columns: Code, Station Name, s-min, az, 26.0, Banda Sea, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: ASAR, LR, LR, 09 26 27.8 +0.2. Includes stations like ASAR Alice Springs, MKAR Makanchi Arr, ASAR Alice Springs, etc.

Table with columns: KURBB, LR, LR, 09 33 58.7 -0.1. Includes stations like KURBB Kurchatov Arra.

PDG 21 09:26:24.5, 0.2, 42.27N, 20.89E, h10km, MD3.1/1, ML3.2/13, Error ellipse: s-maj=0.7km, s-min=0.9km, az=0.0. BEO 21 09:26:25.9, 0.3, 42.26N, 20.85E, h4km, 3km, ML2.8/24. TIR 21 09:26:26.3, 42.14N, 20.80E, h33km, 1km, Md2.9/5, M13.1/3. SKO 21 09:26:27.7, 42.03N, 20.96E, h15km, ML5.0, 0.2.

ISC 21 09:26:24.7, 1.0, 42.25N, 0.02x20.87E, 0.02, h8km, 9km, n81, e19/17/21, 7C-16D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, s-min, az, 26.0, Banda Sea, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like FITZ, WRA, ASAR, etc.

Table with columns: SKO, LR, LR, 08 52 05.9. Includes stations like SKO Skopje, PESHKOPJA, PESHKOPJA, etc.

Table with columns: CMAR, LR, LR, 08 54 50.6 +1.5. Includes stations like CMAR Chiang Mai Arr, WARRAMUNGA ARR, CHTO Chiang Mai, etc.

Table with columns: WRA, LR, LR, 08 55 36.8 -1.0. Includes stations like WRA Warramunga Arr, WRR8 Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: STKA, LR, LR, 08 57 06.4 -0.9. Includes stations like STKA Stephens Creek, G2A2 Gaotai, KSH2 Kashi, etc.

Table with columns: SONM, LR, LR, 08 58 46.5 +0.5. Includes stations like SONM Songoing Array, HAILAR ARRAY B, MKAR Makanchi Arr, etc.

Table with columns: HILR, LR, LR, 08 59 10.2 +0.5. Includes stations like HILR Hailar Array B, KURBB Kurchatov Arra, KURK Kurchatov, etc.

Table with columns: ZAAO, LR, LR, 08 59 40.8 -0.8. Includes stations like ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Borovoye Array, etc.

Table with columns: AB31, LR, LR, 09 00 13.2 -0.1. Includes stations like AB31 Akbulak array, ABXAK Akbulak array, BRTR Keskin Array B, etc.

Table with columns: TXAR, LR, LR, 09 08 54.3 +0.9. Includes stations like TXAR Lajitas Array.

ISC 21 09:05:11.7, 1.4, 50.52N, 0.06x18.10E, 0.04, h16km, 11km, n8, e15/44/15, Poland

Table with columns: MORC, LR, LR, 09 05 38.2 -0.5. Includes stations like MORC Moravsky Berou, OJC Ojcow, OJC Ojcow, etc.

Table with columns: KRUC, LR, LR, 09 05 40.1 +0.6. Includes stations like KRUC Moravsky.

NOU 21 09:05:42.1, 22.28S-169.68E, h0km, MLV4.2/14, Southeast of Loyalty Islands, Southeast of Loyalty Islands

Table with columns: Code, Station Name, s-min, az, 26.0, Banda Sea, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like MARNC Mare, Loyalty, PINNC Pines Island, YATNC Mamie plateau, etc.

ISC 21 09:23:31.7, 1.8, 7.76S, 128.24E, h0km, mb3.6/2, mbtmp3.5/5, ML3.6/3, Error ellipse: s-maj=84.1km, s-min=26.7km, az=74.0, Banda Sea

Table with columns: Code, Station Name, s-min, az, 26.0, Banda Sea, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like FITZ, WRA, ASAR, etc.

Table with columns: ASAR, LR, LR, 09 26 27.8 +0.2. Includes stations like ASAR Alice Springs, MKAR Makanchi Arr, ASAR Alice Springs, etc.

Table with columns: KURBB, LR, LR, 09 33 58.7 -0.1. Includes stations like KURBB Kurchatov Arra.

PDG 21 09:26:24.5, 0.2, 42.27N, 20.89E, h10km, MD3.1/1, ML3.2/13, Error ellipse: s-maj=0.7km, s-min=0.9km, az=0.0. BEO 21 09:26:25.9, 0.3, 42.26N, 20.85E, h4km, 3km, ML2.8/24. TIR 21 09:26:26.3, 42.14N, 20.80E, h33km, 1km, Md2.9/5, M13.1/3. SKO 21 09:26:27.7, 42.03N, 20.96E, h15km, ML5.0, 0.2.

ISC 21 09:26:24.7, 1.0, 42.25N, 0.02x20.87E, 0.02, h8km, 9km, n81, e19/17/21, 7C-16D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, s-min, az, 26.0, Banda Sea, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like FITZ, WRA, ASAR, etc.

Table with columns: SKO, LR, LR, 08 52 05.9. Includes stations like SKO Skopje, PESHKOPJA, PESHKOPJA, etc.

Table with columns: CMAR, LR, LR, 08 54 50.6 +1.5. Includes stations like CMAR Chiang Mai Arr, WARRAMUNGA ARR, CHTO Chiang Mai, etc.

Table with columns: WRA, LR, LR, 08 55 36.8 -1.0. Includes stations like WRA Warramunga Arr, WRR8 Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: STKA, LR, LR, 08 57 06.4 -0.9. Includes stations like STKA Stephens Creek, G2A2 Gaotai, KSH2 Kashi, etc.

Table with columns: SONM, LR, LR, 08 58 46.5 +0.5. Includes stations like SONM Songoing Array, HAILAR ARRAY B, MKAR Makanchi Arr, etc.

Table with columns: HILR, LR, LR, 08 59 10.2 +0.5. Includes stations like HILR Hailar Array B, KURBB Kurchatov Arra, KURK Kurchatov, etc.

Table with columns: ZAAO, LR, LR, 08 59 40.8 -0.8. Includes stations like ZAAO Zalesovo Array, ZALV Zalesovo Beam, ZALV Borovoye Array, etc.

Table with columns: AB31, LR, LR, 09 00 13.2 -0.1. Includes stations like AB31 Akbulak array, ABXAK Akbulak array, BRTR Keskin Array B, etc.

Table with columns: TXAR, LR, LR, 09 08 54.3 +0.9. Includes stations like TXAR Lajitas Array.

ISC 21 09:05:11.7, 1.4, 50.52N, 0.06x18.10E, 0.04, h16km, 11km, n8, e15/44/15, Poland

Table with columns: MORC, LR, LR, 09 05 38.2 -0.5. Includes stations like MORC Moravsky Berou, OJC Ojcow, OJC Ojcow, etc.

Table with columns: KRUC, LR, LR, 09 05 40.1 +0.6. Includes stations like KRUC Moravsky.

NOU 21 09:05:42.1, 22.28S-169.68E, h0km, MLV4.2/14, Southeast of Loyalty Islands, Southeast of Loyalty Islands

Table with columns: Code, Station Name, s-min, az, 26.0, Banda Sea, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like MARNC Mare, Loyalty, PINNC Pines Island, YATNC Mamie plateau, etc.

ISC 21 09:23:31.7, 1.8, 7.76S, 128.24E, h0km, mb3.6/2, mbtmp3.5/5, ML3.6/3, Error ellipse: s-maj=84.1km, s-min=26.7km, az=74.0, Banda Sea

Table with columns: Code, Station Name, s-min, az, 26.0, Banda Sea, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like FITZ, WRA, ASAR, etc.

Table with columns: ASAR, LR, LR, 09 26 27.8 +0.2. Includes stations like ASAR Alice Springs, MKAR Makanchi Arr, ASAR Alice Springs, etc.

Table with columns: KURBB, LR, LR, 09 33 58.7 -0.1. Includes stations like KURBB Kurchatov Arra.

PDG 21 09:26:24.5, 0.2, 42.27N, 20.89E, h10km, MD3.1/1, ML3.2/13, Error ellipse: s-maj=0.7km, s-min=0.9km, az=0.0. BEO 21 09:26:25.9, 0.3, 42.26N, 20.85E, h4km, 3km, ML2.8/24. TIR 21 09:26:26.3, 42.14N, 20.80E, h33km, 1km, Md2.9/5, M13.1/3. SKO 21 09:26:27.7, 42.03N, 20.96E, h15km, ML5.0, 0.2.

ISC 21 09:26:24.7, 1.0, 42.25N, 0.02x20.87E, 0.02, h8km, 9km, n81, e19/17/21, 7C-16D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, s-min, az, 26.0, Banda Sea, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like FITZ, WRA, ASAR, etc.

Table with columns: Code, Station Name, s-min, az, 26.0, Banda Sea, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like PESHKOPJA, PESHKOPJA, PESHKOPJA, etc.

Mw=0.56; Mw=0.22; Mw=0.72; Mw=0.36; Mw=0.56; Fault plane solution: NP1=127.00000; S21.00000; A93.00000; NP2=298.00000; S21.00000; A82.00000; Principal axes: T 1.2000, Plg65.0000, Azm24.0000; N 0.0000, Plg3.0000, Azm306.0000; P -1.2000, Plg25.0000, Azm214.0000;

NEIC 21 09:33:56.3, 9.00N, 84.06W, h18km, Moment Tensor Solution. Duration: 2x3 Moment tensor: Scale 10717Nm; Mw=0.77; Mw=0.55; Mw=0.22; Mw=0.80; Mw=0.47; Mw=0.19; Fault plane solution: M1.1700X1017 NP1: S22.34000; S25.68000; A120.37000; NP2: S109.30000; S163.00000; A76.33000; Principal axes: T 1.1513, Plg64.0000, Azm357.0000; N 0.0400, Plg13.0000, Azm114.0000; P -1.1913, Plg27.0000, Azm210.0000;

NEIC 21 09:33:56.4, 1.5, 9.04N, 0.06; 83.95W, 0.06, h11km, 3km, mb5.1/511, Mw1.5/315, Mw1.5/343 Error ellipse: s-maj=9.2km s-min=7.6km az=208.0, Moment Tensor Solution. Moment tensor: Scale 10717Nm; Mw=0.67; Mw=0.58; Mw=0.09; Mw=0.85; Mw=0.28; Mw=0.53; Fault plane solution: M1.22000X1017 NP1: S28.39000; S17.62000; A77.27000; NP2: S21.73000; S72.83000; A94.00000; Principal axes: T 1.2026, Plg62.0000, Azm37.0000; N 0.0349, Plg4.0000, Azm300.0000; P -1.2374, Plg28.0000, Azm208.0000;

UPA 21 09:33:58.0, 2.2, 8.94N, 84.17W, h13km, 15km, MW5.4, Presumed earthquake

NEIC 21 09:33:57.2, 9.02N, 83.96W, h18km CATAC 21 09:33:57.8, 0.3, 9.1N, 83.4W, h6km, 2km, M5.6/28, MLv5.6/28, Error ellipse: s-maj=7.3km s-min=2.7km az=39.0, Moment Tensor Solution. Moment tensor: Scale 1016Nm; Mw=0.50; Mw=4.29; Mw=0.72; Mw=6.15; Mw=6.42; Mw=3.38; Fault plane solution: Mw8.77791X1016 NP1: S11.48254; S71.58532; A91.14807; NP2: S294.82255; S149.39174; A86.55611; Principal axes: T 8.5144, Plg63.3974, Azm30.2656; N 0.5052, Plg1.0893; Azm28.0898; P -9.0196, Plg26.5767, Azm207.5448; confirmed

GCMT 21 09:33:59.4, 0.1, 8.96N, 0.01; 84.13W, 0.01, h19km, MW5.4/144, Moment Tensor Solution. s118, c196; s144, c277; Duration: 1s2 Moment tensor: Scale 1017 Nm; Mw=1.04; Mw=0.27; Mw=0.1; Mw=0.27; Mw=0.1; Mw=0.89; Mw=0.44; Mw=0.17; Mw=0.57; Mw=0.3; Best double couple: M1.48100X1017 NP1: S29.00000; S22.00000; A78.00000; NP2: S29.00000; S22.00000; A78.00000; Principal axes: T 1.4860, Plg67.0000, Azm34.0000; N 0.0140, Plg1.0000, Azm300.0000; P -1.4743, Plg23.0000, Azm211.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Triangular moment function

ISC 21 09:34:02.0, 1.1, 9.25N, 83.92W, h63km, 10km, mb4.4/23, mbtmp4.7/29, MS4.8/51 Error ellipse: s-maj=17.7km s-min=8.5km az=51.0

ISC 21 09:33:57.3, 0.9, 9.02N, 0.03; 84.02W, 0.02, h26km, 5km, n1024, s1861/802, mb5.0/295, MS4.9/64, 32C-115D, Costa Rica

Table with columns: Code, Station Name, S, A, AZ, Op, Phase ID, Time Res, h, s, ISC. Lists various seismic stations and their characteristics.

Table with columns: CDITO, Cnoaos, P, Pn, S, Sb, etc. Lists seismic stations and their characteristics.

Table with columns: SJCC, San Jacinto, C, 8.77, 84, P, Pn, etc. Lists seismic stations and their characteristics.

Table with columns: UALR, University of comp=Z, 26.75 345, I, Amb, I, Amb, 09 39 49.2, etc.

Table with columns: N58A Sunbury comp=Z, 32.35 10, I, Amb, I, Amb, 09 40 34.6, etc.

Table with columns: ULM Lac du Bonnet 42.27 349c, P, P, 09 41 46.0 -2.4, etc.

21d 9h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like WRGLY Wrigley, R33M Jennings River, S32K Killisno, etc.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like SCRK Sand Creek, H27K Steamboat Moun, H27K Steamboat Moun, etc.

1386

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like I23K Minto, Yukon-K, I23K Minto, Yukon-K, SII Sitkinak Island, etc.

21d 9h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Beijing, Hu-ho-hao-te, Kashi, Baotou, etc.

IDC 21 09:40:15.4.7.8, 32°47'S-179°69'E, h406km, 96km, mb2.5/2, mbtmp3.4/3, Error ellipse: s-maj=111.0km s-min=50.2km az=3.0, South of Kermadec Islands

CNRM 21 09:43:14.7, 36°07'N:8°43'W, h49km, ML3.5 SFS 21 09:43:16.1, 36°16'N:8°28'W, h40km, ML3.8/19, ML4.2/19, MLV3.7/18

MDD 21 09:43:16.4.0.6, 36°34'N:8°14'W, h6km, 3km, mb_Lg3.7/19, Error ellipse: s-maj=5.0km s-min=2.8km az=44.0

IGIL 21 09:43:17.3, 36°30'N:8°21'W, h12km, ML3.4 INMG 21 09:43:17.2.1.2, 36°25'N:8°24'W, h20km, 3km, ML3.3, Error ellipse: s-maj=3.4km s-min=2.0km az=41.0

#DIST_RANGE: REGIONAL #PMA_REGION: SW Faro ISC 21 09:43:14.5.1.1, 36°19'N:0°03'82.2'W:0.03, h32km, 11km, n105, r159/203, 1C-11Z, West of Gibraltar

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Albufeira, Portimao, Lagos, Tavira, etc.

2020 JAN

Main table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Aljezur, Vaqueiros, Sao Teotonio, Castro Verde, etc.

1388

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Marv??o, So Bento, Sardoal, Sierra Gorda, etc.

IDC 21 09:49:14.3.0.3, 17°13'N:94°32'W, h115km, 3km, mb4.1/22, mbtmp4.5/24, Error ellipse: s-maj=11.8km s-min=9.4km az=58.0

GCG 21 09:49:14.4.3.0, 17°19'N:94°63'W, h118km, 35km, MD5.2, ML5.3, Presumed earthquake

NEIC 21 09:49:16.0.1.6, 17°09'N:0°05:94°57'W:0°05, h128km, 4km, mb4.7/259, Md4.8/111(MEX), Error ellipse: s-maj=8.9km s-min=6.3km az=218.0

MEX 21 09:49:17.1.1.3, 17°01'N:94°55'W, h130km, 9km, MD4.9 CATA 21 09:49:17.4.0.5, 17°N6°:9°4'W:1, h103km, 5km, M4.9/11, mb4.4/2, mb5.1/2, MLV5.2/11, Mw(mb)4.4/2, Error ellipse: s-maj=12.3km s-min=6.1km az=18.5, confirmed

ISC 21 09:49:14.9.0.4, 17°11'N:0°03:82.2'W:0.03, h127km, 3km, h127km:pP-P,n358, r282/377, mb4.7/120, 4D, Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like Matias Romero, Mosqueruela, etc.

Table with columns for location, time, and status. Includes entries like MIHL Minatitlan, TUIG Tuzandepetl, CARR Ariaga, etc.

Table with columns for location, time, and status. Includes entries like CRIG Cruz Grande, APG El Apazote, CRIG Cruz Grande, etc.

Table with columns for location, time, and status. Includes entries like APMT Aspermont, SN07 Snyder 07, WFTS Wichita Falls, etc.

21d 10h

Table with columns: Station Name, Time, Azimuth, Phase, Residual, and other parameters. Includes stations like Fort Churchill, LPaz, BLK Baker Lake, etc.

2020 JAN

Table with columns: Station Name, Time, Azimuth, Phase, Residual, and other parameters. Includes stations like RETA Reutte, FETA Feichten, MOTA Moosau, etc.

1390

Table with columns: Station Name, Time, Azimuth, Phase, Residual, and other parameters. Includes stations like GAMB1 Gamboa, APAC Apartado, etc.

Table with columns: NIF, Nilsia, 1.27 47 PN, Pg, 10 01 17.1 -0.2, smax, smax, 10 01 31.6, etc.

NIED 21 10:05:59.9, 29.76N, 131.98E, h71km, MW3.7, Moment Tensor Solution...

JMA 21 10:05:59.0, 2.293N, 0.7x13.2E, h71km, 4km, MV3.6/40, NEAR AMAMI-OSSIMA ISLAND, Southeast of Ryukyu Islands

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

IDC 21 10:05:5.1, 4.1, 66S, 138.69E, h0km, mb3.5/3, mbtmp3.6/4, ML3.6/1, MS3.5/1, Error ellipse...

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

NNC 21 10:10:15.9, 1.7, 51.87N, 75.55E, h0km, mb3.1, mpv2.7, Error ellipse...

IDC 21 10:10:19.9, 1.0, 51.76N, 75.72E, h0km, mbtmp2.7/3, ML2.1/3, Error ellipse...

ISC 21 10:10:19.3, 1.0, 51.87N, 0.08, 75.65E, 0.05, h0km, n9, +1940/12, 4C-5D, Eastern Kazakhstan

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

MOS 21 10:17:52.5, 1.1, 36.48N, 140.74E, h51km, mb4.5/24, Error ellipse...

JMA 21 10:17:54.6, 0.1, 36.4N, 0.2, 140.7E, 0.5, h53km, MD4.2/38, MW4.4/38, NORTHERN IBARAKI PREF

JMA Felt IV J1 at NORTHERN IBARAKI PREF

NIED 21 10:17:54.6, 36.43N, 140.65E, h53km, MW4.1, Moment Tensor Solution...

NEIC 21 10:17:54.9, 1.1, 36.55N, 0.07, 140.66E, 0.10, h48km, 2km, mb4.6/46, Error ellipse...

IDC 21 10:17:56.6, 1.7, 36.38N, 140.62E, h74km, 15km, mb3.9/25, mbtmp4.2/28, MS2.9/2, Error ellipse...

ISC 21 10:17:54.7, 0.6, 36.47N, 0.03, 140.68E, 0.05, h54km, 4km, n192, +1906/180, mb4.5/70, 10C-16D, Near east coast of eastern Honshu

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

Main table with columns: JHYU, Hitachi, 0.16 326 P, A, 10 18 02.8, etc.

Main table with columns: SEY, comp=Z, 5.0nm, 1.6s, pmax, pmax, 10 23 36.0 -1.1, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like Guaynabo City, Col San Antoni, Higuey Centro, Miches, Loma La Naviza, etc.

ICD 21 11:01:33.9d.1, 3.43S-151.10E, h0km, mb3.3/2, mbtmp3.4/2, Error ellipse: s-maj=162.2km s-min=52.2km az=114.0, New Ireland region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRR Warramunga Arr, ASAR Alice Springs, TORD Torodi Arr, etc.

CATAC 21 11:02:25.9-0.3, 9'N, 2'x8'4W, h4km, 3km, M4, 1/13, MLv4, 1/13, Error ellipse: s-maj=7.2km s-min=3.2km az=53.3, confirmed

UCR 21 11:02:25.8-0.9, 9'01N-84'08W, h14km, 6km, MW4.3, Presumed earthquake

UPA 21 11:02:26.2-2.6, 9'14N-83'98W, h5km, 8km, MD4.0, MW4.2, Presumed earthquake

ISC 21 11:02:24.3-1.2, 9.04N, 0.03-84.03W, 0.02, h1km, 10km, n150, e09/94/176, 7C-3ZD, Costa Rica

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OCHAL Ojochal, ZEDO Perez Zeledon, BURE Buenos Aires, etc.

Main station list table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like ITAL Pital, CLLRA Cordillera, LMNES Limones, etc.

ICD 21 11:03:07.5-0.6, 0.75N-99'97E, h153km, 4km, mb4.0/19, mbtmp4.2/1, MS3.94, Error ellipse: s-maj=17.6km s-min=8.7km az=62.0

DJA 21 11:03:07.6-0.3, 1'N, 2'x10'E, h160km, 4km, M4, 8/24, mb5.2-6, mb5.2/9, MLv4, 9/24, Mw(mb)B, 4/6/6

NEIC 21 11:03:08.2-1.4, 0.63N, 0.06-99'30E, 0.06, h159km, 5km, mb4.7/40, Error ellipse: s-maj=11.3km s-min=3.5km az=45.0

ISC 21 11:03:07.6-0.5, 0.69N, 0.05-99'32E, 0.04, h157km, 4km, n138, e19/127/147, mb4.5/39, 1D, Northern Sumatera

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MNSI Mandailing Nat, BKNK Bangkinang, PPSI Padang, etc.

Main station list table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like KPJI Karang Pucung, SBUM Sibul, DGPR DIGLPIUR, etc.

21d 11h

Table with columns for station code, name, frequency, power, and status. Includes stations like AC02 Maricunga, BANC Borrego Spring, DORC Danby, Needles, etc.

2020 JAN

Table with columns for station code, name, frequency, power, and status. Includes stations like SPB Sao Paulo, EDM Edmonton, RCBR Riachuelo, etc.

1396

Table with columns for station code, name, frequency, power, and status. Includes stations like MDT Midelt, ESDC Sonseca Array, ESDC Sonseca Array, etc.

21d 13h

0.3nm,0.4s,baz=271,slow=7.5,SNR=12
ZALV Zalesovo Beam 46.46 P
0.3nm,0.4s,baz=282,slow=8.7,SNR=2.3

CATAC 21 12:29:18.7±0.4,9°N2±.8'4W±.1, h5km±2km, M4,4/13,
MLv4,4/13, Error ellipse: s-maj=6.7km s-min=3.0km
az=45.3, Moment Tensor Solution. Moment tensor: Scale
10^11Nm; Mn=2.48; Mw=4.28; Mo=1.80; Me=0.06; Mo=3.37;
Mw=1.34; Fault plane solution: Mc5.59304x10^14 NPT:
0±148.94029°, 875.72632°, A.140.37012°. NP2:
0±250.48953°, 161.91900°, B.27398°. Principal axes: T
3.6010, P10.76928, Azm102.43988°, N.8.842°.
Plg48.2799°, Azm312.3702°, P.-6.4434, Plg15.2332°,
Azm204.5865°: confirmed
UPA 21 12:29:18.9±2.0,9.03N-84.06W, h10km±10km, MD4.2,
MW4.2, Presumed earthquake
UCR 21 12:29:18.2±1.0,8.92N-84.09W, h13km±7km, MW4.5,
Presumed earthquake

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

2020 JAN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the 2020 January period.

ICD 21 12:34:52.9±2.4,17.86S-177.67W, h0km, mb3.3/4,
mbtmp3.3/4, Error ellipse: s-maj=144.4km
s-min=30.7km az=153.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Fiji Islands region.

ICD 21 12:42:15.5±1.4,21.99N:122.07E, h0km, mb3.4/7,
mbtmp3.4/7, MS3.8/1, Error ellipse: s-maj=53.6km
s-min=21.3km az=64.0

TAP 21 12:42:19.2±2.0,121.56E, h17km, ML3.4, B
JMA 21 12:42:20.0±0.4, 22°N±2×121.9E:0.6, h0km, MV3.4/14,
TAIWAN REGION

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the Taiwan region.

1398

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the 1398 period.

ICD 21 12:46:17.2±1.4,35°S±16°17'9E:1°5', h204km±31km,
M3.8/6, mB4.6/1, ML3.6/8, Mw(mB)3.8/1, Error
ellipse: s-maj=25.1km s-min=15.2km az=41.8,
confirmed, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations for the South of Kermadec Islands region.

ICD 21 13:05:37.6±1.8,10.61N:60°16'W, h0km, mb3.6/4,
mbtmp3.6/5, ML3.9/1, Error ellipse: s-maj=65.8km
s-min=32.1km az=45.0
NEIC 21 13:05:42.5±0.6,10.61N:0°09:59W:0.1, h34km±8km,
mb4.3/8, Error ellipse: s-maj=16.6km s-min=10.2km

1401

Table with columns: Station Name, Time, Res, Phase ID, and various station codes. Includes stations like IPOC Station P, Chacalluta, Humberstone, etc.

SDD 21 13:29:54.8±1.5, 17:86N,66:88W, h20km, 11km, MD3.2, ML2.3, MW3.5, Presumed earthquake

NEIC 21 13:29:54.2±0.9, 17:86N,66:86W, 0.01, h10km, 1km, ML3.0/38, Md2.76(RSPR), Error ellipse: s-maj=5.7km s-min=2.9km az=8.0

RSPR 21 13:29:55.3, 17:94N,66:87W, h6km, 1km, MD2.76, ISC 21 13:29:53.9±1.2, 17:89N,0.05:66.87W, 0.02, h21km, 11km, n42, e56f1/66, 8C-2D, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, Phase ID, and various station codes. Includes stations like Cabo Rojo, PR, Obispo Ponce, etc.

2020 JAN

Table with columns: Station Name, Time, Res, Phase ID, and various station codes. Includes stations like Aguadilla, PR, Experimental S, etc.

MEX 21 13:38:08.9±0.5, 14:34N,92:19W, h83km, 13km, MD3.9, GCG 21 13:38:11.7±1.4, 14:41N,92:14W, h28km, 13km, MD3.2, ML2.8, Presumed earthquake

ISC 21 13:38:06.2±2.3, 14:11N,92:35W, 0.09, h46km, 47km, n15, c11f1/25, Near coast of Chiapas

Table with columns: Code, Station Name, Time, Res, Phase ID, and various station codes. Includes stations like Retalhuleu, Catarina, etc.

RSPR 21 14:08:03.2, 17:94N,66:76W, h13km, MD3.0/5, NEIC 21 14:08:02.2±0.6, 17:91N,0.04:66.753W, 0.008, h17km, 22km, ML2.9/39, Md3.0/(RSPR), 3C-8D, Error ellipse: s-maj=5.7km s-min=1.0km az=175.0, Puerto Rico region

Code, Station Name, Time, Res, Phase ID, and various station codes. Includes stations like Guanica, Bosqu, etc.

Table with columns: Code, Station Name, Time, Res, Phase ID, and various station codes. Includes stations like Cabo Rojo, PR, Obispo Ponce, etc.

21d 14h

Table with columns: Station Name, Time, Res, Phase ID, and various station codes. Includes stations like Experimental S, Esperanza - Ma, etc.

IDC 21 14:08:39.1±3.1, 30:49S, 177:73W, h0km, mb3.6/2, mbmt3.7/3, ML2.7/1, Error ellipse: s-maj=71.2km s-min=25.1km az=109.0, Kermadec Islands

NEIC 21 14:11:41.6±1.1, 19:25S, 0.1:177:2W, 0.2, h58km, 13km, mb4.3/20, Error ellipse: s-maj=28.1km s-min=13.0km az=121.0

IDC 21 14:11:42.8±20.0, 19:12S, 177:45W, h58km, 243km, mb3.2/6, mbtmp4.2/6, Error ellipse: s-maj=94.8km s-min=36.5km az=82.0

ISC 21 14:11:41.3±0.7, 19:15S, 0.1:177:3W, 0.1, h570km, n31, e15f1/31, mb4.2/15, Fiji Islands region

Table with columns: Code, Station Name, Time, Res, Phase ID, and various station codes. Includes stations like Raoul Island, Urewera, etc.

NNC 21 14:12:55.7±10.0, 37:73N, 71:66E, h0km, mb3.7, mpv3.4, 2C-3D, Error ellipse: s-maj=92.7km s-min=66.7km az=148.0, Afghanistan-Tajikistan border region

Code, Station Name, Time, Res, Phase ID, and various station codes. Includes stations like Ala-Archa, Karatay Array, etc.

NOU 21 14:21:30.5, 17:66S, 177:78W, h693km, MLv3.7/5, Fiji Islands Region, IDC 21 14:21:46.7±6.7, 17:57S, 178:98W, h489km, 74km, mb3.2/10, mbtmp4.0/10, Error ellipse: s-maj=40.6km

21d 14h

s-min=24.3km az=140.0
NEIC 21 14:21:49.5-0.9,17.7S:0.1x178.9W:0.1,h52km,10km,
mb4.1/38,Error ellipse: s-maj=23.7km s-min=16.5km
az=143.0

ISC 21 14:21:47.9-0.6,17.7S:0.1x178.9W:0.1,h500km,m63,
a=134/63,mb4.0/30, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like LKBA, TAVE, DGTI, etc.

WEL 21 14:36:55.0-1.3,34.3S:32.18°E:3.8,h348km,36km,
M3.6/7,mb4.3/3,MLv3.6/7,Mw(mB)3.5/3,Error ellipse:
s-maj=60.1km s-min=23.7km az=127.7,confirmed,
South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like WMGZ, WMGZ, HAZ, etc.

2020 JAN

RSNC 21 14:37:18.1-0.0,7.7N:1.7x3W:1,h146km,1km,M3.0,ML2.7
FUNV 21 14:37:20.5,7.05N:7.343W,h5km,MW3.3, Presumed
earthquake

ISC 21 14:37:16.0-1.5,6.87N:0.03x73.13W:0.05,h155km,9km,
n28,r=141/55, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BARC, BARC, BRUC, etc.

UPA 21 14:43:29.4-2.5,9.08N:84.08W,h8km,17km,MW4.2,
Presumed earthquake
UCR 21 14:43:29.7-1.0,8.92N:84.08W,h14km,9km,MW4.0,
Presumed earthquake

ISC 21 14:43:29.9-1.4,8.96N:0.04x84.06W:0.04,h18km,7km,
n80,r=150/88,13C-13Z, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like EDPE, EDPE, PANP, etc.

1402

GMAL Guarumal, Vera 3.04 113 eP Pn 14 44 18.6 +1.4
CHIT3 Chitre 3.74 105 eP Pn 14 44 31.0 +4.3
AZU Azuero 3.92 107 eP Pn 14 44 32.6 +3.4

IDC 21 14:47:19.4-2.1,39.72N:77.43E,h0km,mb3.5/2,
mbmp3.4/7,ML3.0/5,Error ellipse: s-maj=33.3km
s-min=21.7km az=135.0

SOME 21 14:47:19.4,39.89N:77.60E,h15km
KRNET 21 14:47:21.7,0.1,39.92N:77.40E,h18km,mb4.1
NNC 21 14:47:21.9,1.3,39.98N:77.46E,h0km,mb4.3,mpv4.0,
Error ellipse: s-maj=9.2km s-min=6.7km az=158.0

MOS 21 14:47:25.3,1.6,40.25N:77.50E,h14km,mb4.3/5,Error
ellipse: s-maj=17.2km s-min=8.3km az=81.6

ISC 21 14:47:23.0-0.7,39.93N:0.04x77.39E:0.03,h10km,n103,
a=196/146,mb4.1/4,36C-27D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like KSH2, KSH2, KSH2, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like KOKPEK, PDGK, KTBS, EKS2, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like YAK, TIXI, BILL, TORO, etc.

IDC 21 14:51:57.8, 1.2, 1.99N:126.57E, h0km, mb3.8/6, mbmp3.9/7, ML3.7/1, MS2.6/1, Error ellipse: s-maj=99.1km s-min=16.4km az=69.0

NEIC 21 14:52:02.9, 0.7, 1.9N:0.1, 126.43E:0.09, h29km, 6km, mb4.4/16, Error ellipse: s-maj=17.1km s-min=9.7km

DJA 21 14:52:03.6, 0.3, 2.2N:3.3, 12.6E, h10km, M4.2/12, mB4.9/3, mb4.3/3, MLV4.1/12, Mw(mB)4.2/3

ISC 21 14:51:59.0, 0.6, 2.02N:0.06, 126.64E:0.08, h10km, n39, c182/38, mb4.1/13, Northern Molucca Sea

Main table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like TINTI, SGTI, SANI, LUWI, etc.

IDC 21 15:09:11.0, 2.8, 30.41S:177.91W, h49km, 23km, mb3.1/2, mbmp3.5/3, ML2.7/1, Error ellipse: s-maj=65.0km s-min=20.7km az=110.0, Kermadec Islands

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like RAO, URZ, ASAR, WRA, etc.

NEIC 21 15:14:23.4, 1.0, 18.6S:0.3, 177.8W:0.1, h497km, 9km, mb4.0/11, Error ellipse: s-maj=46.2km s-min=14.0km az=161.0

IDC 21 15:14:42.3, 2.4, 0.19S:179.00W, h650km, 204km, mb3.2/3, mbmp4.1/4, Error ellipse: s-maj=238.9km s-min=81.4km az=105.0

ISC 21 15:14:23.6, 0.8, 18.8S:0.3, 177.7W:0.1, h500km, n18, c158/19, mb4.0/9, Fiji Islands region

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like MSFV, NIUE, DZM, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like INKA, BBOO, WRR, WBO, WRA, etc.

IDC 21 15:41:19.1, 9.3, 23.31S:179.44E, h581km, 79km, mb3.2/4, mbmp4.1/5, Error ellipse: s-maj=112.5km s-min=28.3km az=131.0

ISC 21 15:41:20.2, 1.7, 23.4S:0.4, 179.3E:0.2, h600km, n15, c089/14, mb3.6/5, South of Fiji Islands

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like DZM, ASAR, WRA, PETK, CMAR, ILAR, BVAR, etc.

RSNC 21 16:09:24.0, 0.0, 7.2N:1.3, 173.1W, h147km, 1km, M2.8, ML2.5 FUNV 21 16:09:24.7, 6.89N:7.3, 117W, h146km, MW3.2, Presumed earthquake

ISC 21 16:09:22.1, 4.1, 6.87N:0.03, 73.12W:0.04, h154km, 96km, n27, c1910/54, Northern Colombia

Main table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like BARC, PAMC, BRUC, RUSC, etc.

RSRPR 21 16:17:53.4, 17.90N:66.91W, h7km, MD2.5/8 NEIC 21 16:17:53.0, 0.7, 17.88N:0.03, 66.887W:0.009, h10km, 0.3km, M2.5/6, MB2.5/6(RSPR), 6C-30, Error ellipse: s-maj=4.5km s-min=0.8km az=194.0, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like GBPR, APAC, PRAC, etc.

BRTR Keskin Array B 74.89 307 P P 16 56 19.1 +0.7
 comp=E,0.3nm,0.8s,baz=255,slow=5.3,SNR=4.6
 YKA Yellowknife Arr 80.76 24 P P 16 56 50.2 -0.2
 comp=E,0.4nm,0.8s,baz=310,slow=6.1,SNR=5.9
 comp=E,0.4nm,0.8s

NEIC 21 16:50:54.6-0.8,43.225N,0.006-78.81W,0.02, h5km,1km,
 mb_Lg1.95,ML1.9(6/LDO),Error ellipse: s-maj=2.8km
 s-min=2.2km az=121.0
 OTT 21 16:50:55.2-0.4,43.222N,78.82W, h5km,MN2.7/19,21km
 east from Niagara-on-the-Lake, On Eastern Background
 Seismic Zone.
 LDO 21 16:50:55.6-0.8,43.203N,0.017-78.82W,0.01, h5km,1km,
 Error ellipse: s-maj=2.6km s-min=2.0km az=346.0
 ISC 21 16:50:54.6-0.9,43.211N,0.02-78.81W,0.02, h10km,7km,
 n46, c064/80, 1C, New York

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
MEDO	Medina	0.26	100	Op	16 50 59.0	0.0
MEDO	Medina	0.26	100	Sg	16 51 03.6	+0.1
MEDO	Medina	0.26	100	PG	16 51 00.1	+0.2
MEDO	Medina	0.26	100	SG	16 51 03.8	+0.2
MEDO	Medina	0.26	100	Trac	16 51 04.2	
STCO	Saint Catharin	0.26	270	PG	16 50 60.0	+0.1
STCO	Saint Catharin	0.26	270	SG	16 51 03.4	-0.2
STCO	Saint Catharin	0.26	270	Trac	16 51 03.7	
CCNY	Canisius Colle	0.28	187	Op	16 51 00.6	+0.2
CCNY	Canisius Colle	0.28	187	Pg	16 51 04.3	+0.2
EFO	Effingham	0.39	252	Op	16 51 02.1	-0.1
EFO	Effingham	0.39	252	Pg	16 51 02.1	-0.1
EFO	Effingham	0.39	252	PG	16 51 02.1	-0.1
EFO	Effingham	0.39	252	SG	16 51 07.0	-0.4
EFO	Effingham	0.39	252	Trac	16 51 07.4	
TORO	Toronto-Lesli	0.56	316	Op	16 51 05.4	0.0
TORO	Toronto-Lesli	0.56	316	SG	16 51 12.7	-0.2
TORO	Toronto-Lesli	0.56	316	Trac	16 51 14.2	
DRWO	Darlington Wis	0.66	5	Op	16 51 07.2	-0.2
DRWO	Darlington Wis	0.66	5	SG	16 51 15.7	-0.4
DRWO	Darlington Wis	0.66	5	Trac	16 51 17.8	
J55A	Hilton	0.73	85	Op	16 51 08.0	-0.6
J55A	Hilton	0.73	85	Sg	16 51 17.4	-0.8
J55A	Hilton	0.73	85	Iamb_Lg	16 51 19.8	
WLVO	Wesleyville	0.77	23	Op	16 51 09.2	-0.3
WLVO	Wesleyville	0.77	23	SG	16 51 19.1	-0.6
WLVO	Wesleyville	0.77	23	Trac	16 51 19.5	
PKRO	Pickering	0.78	346	Op	16 51 09.2	-0.4
PKRO	Pickering	0.78	346	Pg	16 51 19.1	-0.6
PKRO	Pickering	0.78	346	SG	16 51 09.2	-0.4
PKRO	Pickering	0.78	346	Trac	16 51 18.8	-0.9
PKRO	Pickering	0.78	346	Trac	16 51 20.4	
TYNO	Tyneside	0.79	262	Op	16 51 09.3	-0.4
TYNO	Tyneside	0.79	262	SG	16 51 19.6	-0.4
TYNO	Tyneside	0.79	262	Trac	16 51 22.2	
MNMY	Mt. Morris Dam	0.82	126	Op	16 51 09.7	-0.6
MNMY	Mt. Morris Dam	0.82	126	Sg	16 51 20.6	-0.4
MNMY	Mt. Morris Dam	0.82	126	Iamb_Lg	16 51 22.5	
ROC	Rochester	0.89	95	Op	16 51 11.5	-0.3
ACTO	Acton	1.00	294	Op	16 51 13.1	-0.7
ACTO	Acton	1.00	294	SG	16 51 25.7	-1.0
ACTO	Acton	1.00	294	Trac	16 51 27.4	
ERPA	Erie	1.40	219	Op	16 51 19.6	-0.5
ERPA	Erie	1.40	219	SG	16 51 38.0	-0.6
L56A	Greenwood	1.42	139	Op	16 51 20.1	-0.3
PECO	Prince Edward	1.50	61	Op	16 51 21.5	-0.1
PECO	Prince Edward	1.50	61	PG	16 51 22.0	+0.4
PECO	Prince Edward	1.50	61	SG	16 51 41.6	-0.1
PECO	Prince Edward	1.50	61	Sb	16 51 45.0	
DELO	Deloro Mine	1.56	33	Op	16 51 22.2	-0.2
DELO	Deloro Mine	1.56	33	Pn	16 51 42.3	-0.4
DELO	Deloro Mine	1.56	33	PG	16 51 22.8	+0.4
DELO	Deloro Mine	1.56	33	SG	16 51 43.3	+0.5
DELO	Deloro Mine	1.56	33	Trac	16 51 47.5	
SADO	Sadowa	1.58	351	Op	16 51 22.2	-0.4
SADO	Sadowa	1.58	351	Pn	16 51 43.3	-0.7
SADO	Sadowa	1.58	351	SG	16 51 42.0	+0.3
SADO	Sadowa	1.58	351	Trac	16 51 49.1	
CLWO	Collingwood	1.64	319	Op	16 51 24.1	+0.6
CLWO	Collingwood	1.64	319	SN	16 51 44.7	0.0
CLWO	Collingwood	1.64	319	Trac	16 51 48.7	
K57A	Scipio Center	1.75	105	Op	16 51 25.5	+0.6
PAOC	Oil Creek Stat	1.81	201	Op	16 51 26.1	+0.3
ELFO	Elginfield	1.83	270	Op	16 51 27.1	+1.0
ELFO	Elginfield	1.83	270	SN	16 51 50.4	-0.8
ELFO	Elginfield	1.83	270	Trac	16 51 55.4	
BWLO	Walkerton	1.92	299	Op	16 51 29.7	0.0
BWLO	Walkerton	1.92	299	Pb	16 51 52.7	+0.9
BWLO	Walkerton	1.92	299	Trac	16 51 55.2	
KGNO	Kingston	1.96	58	Op	16 51 53.7	+1.2
KGNO	Kingston	1.96	58	SN	16 51 54.2	-0.7
KGNO	Kingston	1.96	58	Trac	16 51 55.8	
J57A	Williamstown	2.06	83	Op	16 51 29.7	+0.4
J57A	Williamstown	2.06	83	Iamb_Lg	16 52 03.4	
PLVO	Plevna	2.21	34	Op	16 51 32.5	+1.2
PLVO	Plevna	2.21	34	SN	16 51 59.0	+0.2
PLVO	Plevna	2.21	34	LG	16 52 03.9	
PLVO	Plevna	2.21	34	Trac	16 52 07.2	
BASO	Ashfield	2.22	292	Op	16 51 31.9	+0.4
BASO	Ashfield	2.22	292	SN	16 51 59.3	+0.3
BASO	Ashfield	2.22	292	LG	16 52 03.7	
BASO	Ashfield	2.22	292	Trac	16 52 07.3	
BMRO	Meriville Lake	2.22	309	Op	16 51 32.8	+1.3
BMRO	Meriville Lake	2.22	309	SN	16 51 59.9	+0.9
BMRO	Meriville Lake	2.22	309	Trac	16 52 05.3	
M57A	Sunshine Farm	2.25	146	Op	16 51 32.5	+0.7
BUKO	Buck Lake	2.27	349	Op	16 51 32.9	+0.4
BUKO	Buck Lake	2.27	349	Pn	16 51 33.2	+1.1
BUKO	Buck Lake	2.27	349	SN	16 52 01.2	+1.1
BUKO	Buck Lake	2.27	349	LG	16 52 04.8	
BUKO	Buck Lake	2.27	349	Trac	16 52 07.5	
BINY	Binghamton	2.31	115	Op	16 51 33.6	+0.9
KLBO	Killbear Provi	2.37	335	Op	16 51 34.6	+1.1
KLBO	Killbear Provi	2.37	335	SN	16 52 03.6	+1.0
KLBO	Killbear Provi	2.37	335	LG	16 52 08.0	
KLBO	Killbear Provi	2.37	335	Trac	16 52 10.7	
SSPA	Standing Stone	2.66	165	Op	16 51 37.5	0.0
PEMO	Pembroke	2.71	241	Op	16 51 39.6	+1.5
PEMO	Pembroke	2.71	241	SN	16 52 11.1	+0.2
PEMO	Pembroke	2.71	241	LG	16 52 18.1	
PEMO	Pembroke	2.71	241	Trac	16 52 20.5	
L59A	Waltton	2.96	109	Op	16 51 41.6	0.0
CHRO	Chalk River	3.00	19	Op	16 51 43.4	+1.2
CHRO	Chalk River	3.00	19	SN	16 52 18.1	-0.1
CHRO	Chalk River	3.00	19	Trac	16 52 28.1	
WBO	Williamsburg	3.11	54	Op	16 51 44.0	+0.3
WBO	Williamsburg	3.11	54	SN	16 52 20.1	-0.7
WBO	Williamsburg	3.11	54	LG	16 52 31.6	
WBO	Williamsburg	3.11	54	Trac	16 52 34.3	
NCB	Newcomb	3.42	76	Op	16 51 48.6	+0.7

O53A New Philadelph 3.46 212 Pn Pn 16 51 49.9 +1.4

CATAC 21 17:15:29.4-0.8,9°N,4°E,8'4W, h4km,3km,MS3.77,
 ML3.7/7, Error ellipse: s-maj=11.6km s-min=4.5km
 az=2-0, confirmed
 UCR 21 17:15:29.5-0.6,8°55N,84°18W, h1km,15km, MW3.7,
 Presumed earthquake
 ISC 21 17:15:29.5-1.6,8.87N,0°05.84'14W,0°05, h11km,11km,
 n47, c067/57, Off coast of Costa Rica

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
OCHAL	Ojochal	0.54	65	Op	17 15 39.8	-0.3
OCHAL	Ojochal	0.54	65	Pg	17 15 48.1	+0.8
QUEP	Quepos	0.56	358	Op	17 15 40.9	+0.6
QUEP	Quepos	0.56	358	Pg	17 15 40.9	+0.6
QUEP	Quepos	0.56	358	SG	17 15 44.0	-0.1
PICV	Pir. Pirrs	0.76	356	Op	17 15 44.1	-0.4
PICV	Pir. Pirrs	0.76	356	Pg	17 15 44.1	-0.4
P1EC	Cerro El Cedra	0.77	30	Op	17 15 44.1	-0.6
BUS1	Rivas	0.79	30	Op	17 15 45.5	+0.4
BUS1	Rivas	0.79	30	SG	17 15 44.8	0.0
SAJE	San Jernim	0.79	53	Op	17 15 44.8	0.0
SAJE	San Jernim	0.79	53	SG	17 15 44.8	0.0
FIMO	Fila Mora	0.79	81	Op	17 15 44.8	-0.1
RAZU	San Marcos de	0.79	9	Op	17 15 44.8	-0.1
P1TB	Pirrs, San	0.80	8	Op	17 15 44.8	-0.1
LCH2	La Lucha 2	0.88	9	Op	17 15 44.8	-0.1
PIRO	Carate, Puerto	0.92	120	Op	17 15 46.6	-0.7
PIRO	Carate, Puerto	0.92	120	S	17 16 00.5	+0.3
PIRO	Carate, Puerto	0.92	120	Sb	17 16 00.5	+0.3
ACOS	Acosta	0.92	359	Op	17 15 47.3	0.0
EDP2	Potrero Grande	0.97	81	Op	17 15 47.9	-0.2
DRKO	Durika	0.97	66	Op	17 15 47.0	-1.2
DRKO	Durika	0.97	66	SG	17 16 01.0	+0.1
EDKO	Durika	0.97	66	Op	17 15 46.8	-1.4
DRKO	Durika	0.97	66	Op	17 15 47.8	-0.7
LUJA	Lujan	1.05	4	Op	17 15 49.4	-0.5
SJS	Escuela Geolog	1.07	5	Op	17 15 49.5	-0.6
VINA	Juan Vinas	1.09	21	Op	17 15 50.0	-0.5
BELE	Belen	1.10	358	Op	17 15 50.0	-0.7
ATEO	Atenas	1.13	348	Op	17 15 49.4	-1.7
RAFA	San Rafael, Vo	1.13	17	Op	17 15 50.7	-0.8
VACA	Volcano Irazu	1.15	15	Op	17 15 50.9	-0.7
VERB	Verben	1.16	22	Op	17 15 51.1	-0.5
TC51	Tacares	1.19	352	Op	17 15 51.6	-0.5
VTCV	VTCV, Calle Va	1.18	20	Op	17 15 51.5	-0.6
CVTO	Turrialba Volc	1.19	18	Op	17 15 51.7	-0.6
CVTV	Tajao	1.19	19	Op	17 15 51.9	-0.5
VTR0	Volcan Turrial	1.20	18	Op	17 15 52.1	-0.5
Las Abrae	San	1.21	20	Op	17 15 51.8	-0.9
CVTR	Volcan Turrial	1.21	18	Op	17 15 51.8	-0.9
ALCO	Alturas Coton,	1.30	86	Op	17 15 52.3	-1.4
LCOCO	El Cocco	1.34	26	Op	17 15 54.0	-0.2
RVLA	Villa Bonita	1.35	24	Op	17 15 54.5	+0.2
PILE	Guapiles	1.38	15	Op	17 15 55.4	+0.6
PROG	Progreso Va	1.40	50	Op	17 15 56.2	+0.4
CEUA	Cerro Ustati, L	1.40	58	Op	17 15 56.2	+0.4
PTPA	Petro Terminal	1.42	118	Op	17 15 54.7	-0.7
BRU2	Volcan	1.44	93	Op	17 15 55.3	-0.4
BRU2	Volcan	1.44	93	SG	17 16 15.1	+0.4
BRU2	Volcan	1.44	93	Trac	17 15 55.3	-0.4
ARTO	Rio Cuarto	1.47	357	Op	17 15 56.3	-0.5
BRIBI	Bribri	1.51	60	Op	17 15 57.9	+0.4
CLLRA	Cordillera,	1.52	95	Op	17 15 56.7	-0.1
TRT2	Tortugero	1.73	13	Op	17 15 59.9	+0.4
FR12		1.77	2	Op	17 16 24.8	-0.2
COVE	Coope Vega, Sa	1.86	352	Op	17 16 30.3	+1.1
COVE	Coope Vega, Sa	1.86	352	S	17 16 30.3	+1.1
COVE	Coope Vega, Sa	1.86	352	SG	17 16 30.3	+1.1
AERN	Aeropuerto Man	3.82	239	Op	17 16 29.1	+0.8

IDC 21 17:51:35.2-0.8,25°26'N,124°48'E, h0km, mb3.8/14,
 mbtmp3.7/16, ML2.8/2, MS3.2/15, Error ellipse:
 s-maj=22.0km s-min=17.4km az=67.0
 NEIC 21 17:51:36.7-1.2,25°27'N,0°04'12.4"E,0.06, h8km,4km,
 mb5/20, Error ellipse: s-maj=8.1km s-min=5.4km
 JMA 21 17:51:37.5-0.3,25°N,1°E,124°4E,0.7, h17km, MV3.4/10,
 NW OFF MIYAKOJIMA

21d 19h

Table with columns: Station Name, Frequency, Mode, Band, Azimuth, Elevation, SNR, and other parameters. Includes stations like TIR, IVAS, BBLs, SELS, SKO, GOCs, OHR, etc.

2020 JAN

Table with columns: Station Name, Frequency, Mode, Band, Azimuth, Elevation, SNR, and other parameters. Includes stations like OBKA, SOKA, MOA, HFS, EKA, FINES, ARCES, KURBB, MKAR, ZALP, etc.

1406

Table with columns: Station Name, Frequency, Mode, Band, Azimuth, Elevation, SNR, and other parameters. Includes stations like ECPR, PDRP, EMPR, EMPP, etc.

ATH 21 18:33:00.3, 37°56'N, 20°27'E, h5km, 2km, ML3.3/1.4, Manual Solution by A.Agalos First location: 2020/01/21 18:34:00, This location: 2020/01/21 18:59:51 ML

Amplitudes are expressed in micrometers. All distances are expressed in degrees Latitude uncertainty: 1 km; Longitude uncertainty: 2 km

THE 21 18:33:01.8, 38°18'N, 1'20"E, h0km, 1km, M3.2/3.2, ML3.3/3.2

IDC 21 18:33:05.0, 2.7, 38°20'N, 1'25"E, h0km, 6km, 6.7, mbtmp3.7/8, ML1.2/1, Error ellipse: s-maj=58.3km s-min=22.5km az=47.0

ISC 21 18:33:01.8, 1.4, 37°82'N, 0°04, 20°33'E, 0.05, h14km, 7km, n97, c0598/120, mb3.7/7, Ionian Sea

Main table listing station names, frequencies, and modes. Includes stations like ORTH, LTHK, KYPS, ZAK2, KFL1, ARG2, RTZL, VLS, DMLN, SMHA, CLEM, VSK1, FSK, RLS, AXS, EVGI, DRAG, AMT, NYDR, DRO, ATKO, LK2, TSKL, PVL, PYL, ITM, ITHI, PVO, AMPL, EFF, KLV, SERG, ANX, GUR, VLX, TETR, TFA, IGT, MKR, PRMD, AGG, AGS, LTK, AXAR, VLI, LKR, THL, ATAL, MET1, STFN, VLY, DION, LIT, KYMI, OUR, KNT, IDI, etc.

RSPR 21 18:35:32.2, 17°92'N, 66°84'W, h15km, MD2.3/9 NEIC 21 18:35:31.8, 0.9, 17°95'N, 0°02, 66°83'W, 0.01, h17km, 1km, ML2.8/37, MD2.3/9(RSPR), 1C-6D, Error ellipse: s-maj=2.5km s-min=1.7km az=163.0, Puerto Rico region

Table listing station names, frequencies, and modes for Puerto Rico region. Includes stations like GBPR, CRPR, MLPR, OBIP, CELP, etc.

RSPR 21 18:50:28.7, 17°91'N, 66°72'W, h8km, 1km, MD2.6/7 NEIC 21 18:50:26.3, 1.5, 17°91'N, 0°05, 66°70'W, 0.01, h12km, 10km, ML2.8/29, MD2.6/7(RSPR), 7C-4D, Error ellipse: s-maj=8.1km s-min=1.5km az=178.0, Puerto Rico region

Table listing station names, frequencies, and modes for Puerto Rico region. Includes stations like GBPR, CRPR, MLPR, OBIP, CELP, etc.

SOME 21 19:00:35.5, 39°80'N, 70°85'E, h10km ISU 21 19:00:37, 39°84'N, 69°74'E, h13km KRNET 21 19:00:38, 1.0, 39°21'N, 69°82'E, h29km, mb2.8 ISC 21 19:00:37, 1.0, 39°28'N, 0°03, 69°83'E, 0.04, h10km, n16, c1577/29, 7C-8D, Tajikistan

Table listing station names, frequencies, and modes for Tajikistan region. Includes stations like BTK, GARM, DRK, CHMG, TVKS, CHRV, TRKS, AGL, OSH, ARK, PKMR, BRLS, etc.

GEN 21 19:04:33.5, 44°11'N, 10°76'E, h15km, M3.0 RGM 21 19:04:34.0, 0.1, 44°09'N, 0°00, 10°72'E, 0'004, h14km, ML3.0/95, Error ellipse: s-maj=0.4km s-min=0.2km az=29.0

IDC 21 19:04:33.1, 2.3, 44°14'N, 10°91'E, h0km, mb3.3/2, mbtmp3.3/3, ML2.5/1, MS3.9/1, Error ellipse: s-maj=46.8km s-min=25.2km az=116.0

LDG 21 19:04:33.9, 0.1, 44°15'N, 10°74'E, h11km, M3.1/1.1, Error ellipse: s-maj=2.5km s-min=1.6km az=29.0 PRU 21 19:04:44.7, 44°82'N, 11°81'E, h10km

ISC 21 19:04:34.1, 7.4, 44°09'N, 0°02, 10°69'E, 0.01, h17km, 4km, n91, c1984/155, 12C, Northern Italy

Main table listing station names, frequencies, and modes. Includes stations like POPM, BDI, CARD, SARO, VILC, MAIM, etc.

21d 19h

2020 JAN

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Table with columns for station name, elevation, coordinates, and various data points. Includes stations like North Crescent, Iliamna Low So, Mount Spurr, and many others.

NIED 21 19:34:32.1, 39:76N-141:85E, h58km, MW3.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^14 Nm; Mrr-0.40; Mss2.00; Mss-1.60; Mss0.66; Mss-1.56; Mss1.43; Fault plane solution: M22.94000e1014 NP1; b=151.00000; s371.00000; s21.00000; NP2; c=249.00000; s371.00000; s156.00000; JMA 21 19:34:32.1+0.1, 39:8N; 0:2-141:9E.0:4, h58km, MW3.740, NORTHERN IWATE PREF; JMA Felt J1 at NORTHERN IWATE PREF; NEIC 21 19:34:34.2+1.2, 39:87N; 0:09x141:7E.0:2, h70km, 9km, mb4.4/5, Error ellipse: s-maj=22.6km s-min=9.3km az=115.0; IDC 21 19:34:34.7+2.8, 39:91N; 141:60E, h71km, 21km, mb3.6/10, mbmp3.8/13, Error ellipse: s-maj=37.4km s-min=16.5km az=121.0; ISC 21 19:34:32.0+0.8, 39:76N; 0:03x141:83E.0:06, h57km, 5km, m45, c=8685/1, mb4.1/11, 18D, Eastern Honou, Time Res Az' Az2' Phase ID ISC h m s ISC 19 34 41.4 +0.4 19 34 47.9 +0.4

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like MIYV Miyakonagasawa, KJZ Kuzumaki, JKEN Kujedanarisaw, etc.

ADC 21 19:35:11.0, 0.7, 25.35N, 124.48E, h0km, mb4.0/17, s-maj=20.0km, s-min=16.7km, az=62.0
NIED 21 19:35:12.1, 25.29N, 124.44E, h11km, MW4.4, Moment Tensor Solution, s2, Moment tensor: Scale 1015N/m; Mm=2.49; Mw=2.21; Ms=0.28; Mb=2.87; Mw=0.41; Mw=1.10; Fault plane solution: Ms3.87000x1015 NP1; 0.295, 0.00000, 0.822, 0.00000, -0.55, 0.00000. NP2: 0.78, 0.00000, 0.72, 0.00000, -0.103, 0.00000.
NEIC 21 19:35:12.2, 1.8, 25.38N, 124.61E, 0.7, h10km, 1km, mb4.6/33 Error ellipse: s-maj=14.0km, s-min=9.2km, az=153.0
JMA 21 19:35:12.0, 1.4, 25.1N, 124.4E, 0.5, h11km, 3km, MW3.7/12, NY OFF MIYAKOJIMA ISLAND
BJI 21 19:35:18.3, 3.25, 52N, 124.25E, h31km, mb4.7/6, mb4.3/23, ML4.3/2, Ms4.3/10, Ms7.4/0.9
ISC 21 19:35:13.3, 1.3, 25.23N, 124.50E, 0.03, h20km, 7km, n113, 0.1931/93, mb4.4/33, MS3.6/26, Northeast of Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like TJT Tarama, JSG Ishigajimahi, JIRB Iwaburama, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like WHN comp=Z, 24nm, 0.5s, WHRS comp=Z, 2um, 9.9s, KRSR comp=Z, 354nm, 20.2s, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like NRK Norik'sk, ASAR Alice Springs, ASAR Charters Tower, etc.

21d 20h

Table with columns: CELP, LSP, UUPR, PRSN, etc. Station Name, Azimuth, Phase ID, Time Res, ISC, h m s ISC. Includes stations like Las Mesas, Utuado, Puerto Rico Se, etc.

KRSC 21 19:40:06.6:1.5, 52.00N, 159.92E, h58km, 22km, M13.6, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC, h m s ISC. Includes stations like RUS, SPN, KDR, etc.

IDC 21 19:50:58.6:1.3, 6.66S, 143.27E, h0km, mb3.8/4, mbtmp3.6/7, ML3.5/2, MS3.5/2, Error ellipse: s-maj=35.2km s-min=22.5km az=112.0

ISC 21 19:51:03.6:0.9, 6.85:0.1:143.3:0.1, h35km, n8, c1902/8, mb3.8/3, New Guinea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC, h m s ISC. Includes stations like PMG, WRA, ASAR, etc.

IDC 21 20:20:49.0:5.0, 28.62N, 91.75E, h0km, mb3.8/14, mbtmp3.7/18, ML3.9/4, MS3.2/3, Error ellipse: s-maj=26.2km s-min=14.3km az=57.0

NDI 21 20:21:00.9:2.0, 28.46N, 91.69E, h15km, ML4.4, MW4.3

ISC 21 20:20:57.6:1.2, 28.71N, 0.07:91.68E:0.04, h55km, 13km, n34, c186/43, mb3.8/13, Xizang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC, h m s ISC. Includes stations like TAWA, CRPR, etc.

2020 JAN

Table with columns: TEZP, ITAN, GUWA, JORH, etc. Station Name, Azimuth, Phase ID, Time Res, ISC, h m s ISC. Includes stations like Las Mesas, Utuado, Puerto Rico Se, etc.

CMAR Chiang Mai Arr 12.18 145 Pn Pn 20 23 44.0 -4.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC, h m s ISC. Includes stations like LZDM, MKAR, AAK, etc.

GERES GERES Array B 61.34 313 P P 20 31 08.1 +0.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC, h m s ISC. Includes stations like WRA, MBAR, ASAR, etc.

NEIC 21 20:26:40.6:0.9, 17.89N, 0.04:66.98W:0.02, h10km, 1km, ML3.4/31, Md3.0/5(RSPR), Error ellipse: s-maj=8.0km s-min=2.8km az=17.0

OSPL 21 20:26:41.2:0.4, 17.90N, 67.01W, h11km, 2km, ML2.9, Presumed earthquake

RSPR 21 20:26:41.1, 17.93N, 66.99W, h6km, MD3.0/5

ISC 21 20:26:39.4:1.5, 17.87N, 0.07:66.99W:0.03, h17km, 6km, n36, c556/59, 3C-5D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC, h m s ISC. Includes stations like MLPR, GBPR, etc.

1410

Table with columns: LSP, UUPR, PRSN, etc. Station Name, Azimuth, Phase ID, Time Res, ISC, h m s ISC. Includes stations like Las Mesas, Utuado, Puerto Rico Se, etc.

IDC 21 20:27:06.8:3.5, 28.70N, 92.02E, h0km, mb3.7/2, mbtmp3.3/4, ML2.9/1, Error ellipse: s-maj=26.47km s-min=31.0km az=62.0

NDI 21 20:27:11.6:1.3, 28.72N, 91.95E, h5km, ML3.3, MW3.1

ISC 21 20:27:16.0:1.5, 28.10N, 0.10:91.89E:0.05, h35km, n14, c1902/22, Xizang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC, h m s ISC. Includes stations like TAWA, TEZP, ITAN, etc.

IDC 21 20:31:31.7:3.7, 21.97N, 144.11E, h0km, mb3.7/5, mbtmp3.7/5, Error ellipse: s-maj=152.4km s-min=33.3km az=79.0, Mariana Islands region

Code, Station Name, Azimuth, Phase ID, Time Res, ISC, h m s ISC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC, h m s ISC. Includes stations like WRA, MKAR, etc.

21d 21h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ECPR, EMR, Esperanza, San Juan, Patillas Dam, etc.

NEIC 21 21:01:29.6:1.0, 43:82N:0:06:105:3W:0:1, h0km, 1km, ML3.3/58, Error ellipse: s-maj=13.8km s-min=9.2km az=64.0

ICD 21 21:01:31.1:0.9, 43:96N:105:61W, h0km, mb3.7/4, mbmp3.4/9, ML3.1/4, Error ellipse: s-maj=22.8km s-min=7.8km az=145.0

ISC 21 21:01:29.6:0.8, 43:77N:105:105:21W:0:05, h0km, n61, c148/61, mb3.8/4, Wyoming

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RSSD, K22A, LAO, RLMT, etc.

2020 JAN

Table with columns: TXAR, YKA, ZALV, SOMNI, KURBB, MKAR, TAP, JMA, ICD, ISC. Includes station names and coordinates.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LYUB, LAY, TSEB, SMST, etc.

1412

Table with columns: H11N1, H11N2, H11N3, H11S3, H11S1, H11S2, ZALV, WRA, KURBB, ASAR, BVAR, MMAI, NOA. Includes station names and coordinates.

NEIC 21 21:13:16.7:0.8, 17:84N:0:02:66:74W:0:01, h10km, 7km, ML2.6/31, MD3.1/6(RSPR), Error ellipse: s-maj=3.2km s-min=1.3km az=193.0

RSRP 21 21:13:17.5:17:87N:66:75W, h8km, 1km, MD3.1/6, OSPL 21 21:13:18.2:0.8, 17:88N:66:75W, h10km, 5km, ML2.2

Presumed earthquake ISC 21 21:13:17.0:1.3, 17:86N:0:05:66:74W:0:02, h14km, 7km, n35, c951/64, 3C-6D, Puerto Rico region

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR, OBIP, MLPR, CRPR, UUPR, etc.

21d 21h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OBIP, CELP, UUPR, AGPR, etc.

UPA 21:21:40.20:8.0.4, 8.57N-83.24W, h27km, 2km, MD3.3, MW3.6, Presumed earthquake
CATAC 21:21:40.20:3.0.8, 8.9N-83.37W, h17km, 6km, M3.2/6, MLV3.2/6, Error ellipse: s-maj=9.1km s-min=4.1km az=177.5, confirmed
UCR 21:21:40.21:4.0.6, 8.57N-83.18W, h20km, 2km, MW3.6, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like FITO, EDAD, PTJ1, etc.

IDC 21:21:41.01:7.0.8.2.85S-139.45E, h0km, mb3.7/8, mbmp3.8/9, ML4.0/1, MS3.1/3, Error ellipse: s-maj=17.0km s-min=11.8km az=138.0
NEIC 21:21:41:07.2.0.2.9S:0.1:139.56E:0.05, h38km, 2km, mb4.1/13, Error ellipse: s-maj=18.6km s-min=5.8km az=159.0

DJA 21:21:41:09.4.0.5.3'S:6.14'OE, h53km, 11km, M4.5/7, mb5.3/2, mb4.4/3, MLV4.5/7, Mw(MB)4.8/2
ISC 21:21:41:07.9.0.5.2.84S:0.05:139.54E:0.04, h46km, n44, a191/49, mb3.9/12, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GENI, SMP1, JAY, etc.

2020 JAN

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MTN, KNRA, SOEI, etc.

VAO 21:21:43:31.6:2.8.2.1:47S:68.78W, h107km, 12km, mb4.1, Presumed earthquake
SJA 21:21:43:32.3:0.5.2.1:10S:69.06W, h120km, 2km, ML3.9, MW3.8
GUC 21:21:43:33.6:0.9.2.1:08S:69.04W, h107km, 4km, ML3.9
IDC 21:21:43:33.6:2.5.2.1:24S:68.68W, h93km, 22km, mb3.8/3, mbmp3.9/7, Error ellipse: s-maj=43.2km s-min=21.1km az=111.0

ISC 21:21:43:32.7:0.7.2.1:07S:68.97W:0.05, h116km, 6km, m59, a196/79, 8C, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PB01, PB02, etc.

1414

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PB11, PB06, etc.

TORD 21:21:48:01.2:0.7.2.1:91S:66.70W, h129km, 4km, ML3.6, MW3.6
IDC 21:21:48:02.0:2.4.2.2:05S:68.06W, h102km, 23km, mb3.5/2, mbmp3.6/6, Error ellipse: s-maj=59.5km s-min=20.1km az=103.0
GUC 21:21:48:01.5:0.8.2.1:90S:68.70W, h123km, 3km, ML3.8
ISC 21:21:48:02.1:0.8.2.1:34S:0.03:68.71W:0.05, h125km, 6km, m45, a193/77, 6C-3D, Chile-Bolivia border region

ISC 21:21:48:02.1:0.8.2.1:34S:0.03:68.71W:0.05, h125km, 6km, m45, a193/77, 6C-3D, Chile-Bolivia border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like H11S2, H11S1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB08 IPOC Station P, TA01 Diego Aracena, HMBC Humberstone, etc.

Table with columns: SMLT, ALS, ALISHAN, YUCHR, FUSHOU, BEIANG ELEMEN, etc. Includes stations like ALS Alishan, YUCHR Yuchr, FUSHOU Fushou, etc.

Table with columns: LYJJ, MHZO, ZPLA, AXDP, etc. Includes stations like LYJJ Jianjiangzhen, MHZO Yeshan, ZPLA Ao Xicun, etc.

IDC 21 21:49:39.3±1.4, 22.298N±120.82E, h0km, mb3.3/4, mbtmp3.3/4, Error ellipse: s-maj=74.5km s-min=28.8km az=62.0

JMA 21 21:49:42.0±1.1, 23.5N±107.12'E±, h38km±2km, MV3.2/16, TAIWAN REGION

TAP 21 21:49:43.4±2.5, 23.57N±121.52E, h33km, ML3.8, C ESC 21 21:49:43.1±0.6, 23.56N±121.56E±0.02, h33km±2km, n142, o67/235, mb3.3/4, RC-34D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HGSD Ruisui, JGFC Jichi Village, EGFF Guangfu, etc.

Table with columns: SMLT, ALS, ALISHAN, YUCHR, FUSHOU, BEIANG ELEMEN, etc. Includes stations like SMLT Sun Moon Lake, ALS Alishan, YUCHR Yuchr, etc.

Table with columns: LYJJ, MHZO, ZPLA, AXDP, etc. Includes stations like LYJJ Jianjiangzhen, MHZO Yeshan, ZPLA Ao Xicun, etc.

Code Station Name Az Az' Phase ID Time Res ISC

Table with columns: Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NIZB Nizh Angarsk, LSTR Listvyanka, IRK Irkutsk, KMO Kumora, YOAB Loyan, TLY Talaya, CIT Chita, UKT Uakit, ARS Arshan, SVKR Severomuyusk, ZAK Zakamensk, KPC Khapcheranga.

Table with columns: Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KPC Khapcheranga, MOY Monday, ORL Orlik, NLYR Nelyaty, BOD Bodaibo, ULN Ulaanbaatar, SONM Songino Array, VTM Vitim, CRS Chara, TUP Tupik, HILR Hailar Array B, HIA Hailar, ARDR Aradan, ZALV Zalesovo Beam, YAK Yakutsk, MKAR Makanchi Array, KURKB Kurchatov Arra, NRIK Noril'sk, TIXI Tiksi, BVAR Borovoye Array, ILAR Eielson Array, ASAR Alice Springs, JMA JMA 22:31:53.3-0.4, 22:21N x 121:17E, 0.6, h66km, MV3.3/8, ISC 22:31:56.1-3.6, 22:22N x 121:36E, 0.07, h18km, n11, 0859/14, Taiwan region.

Table with columns: Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, SONM Songino Array, MKAR Makanchi Array, ZALV Zalesovo Beam, KURKB Kurchatov Arra, BVAR Borovoye Array, WEL WEL 21:23:13:58, 1+0.5, 32'S x 18' x 17'9W, 4'6, h33km, M4.4/12, m85.0/12, ML4.5/17, MLV4.5/12, Mw(mB)4.4/12, Error ellipse: s-maj=64.3km s-min=4.5km az=111.5, confirmed, IDC 21:23:13:59, 2+5.7, 32.245S x 179.34W, h89km, 4.8km, mb3.7/4, mbmtmp 0.05, MS2.5/1, Error ellipse: s-maj=37.5km s-min=29.4km az=37.0, IDC 21:23:13:59, 4.0, 32.165S-0.09, 179.2W, 0.2, h100km, n53, 01949/51, mb3.9/4, South of Kermaec Islands, GLKZ Green Lake, RAO Raoul Island, MXZ Matakoaka Point, WMGZ Waioamatini S, HAZ Te Kaha, PKGZ Pakihoroa, PUZ Puketiti, RUGZ Raukumara Rang, TWGZ Tauwharepare, CNGZ Carnagh Statio, TKGZ Te Karaka, MWZ Matawai, URWZ Urewera, URZ Urewhera, URZ Urewera, URZ Urewera, RAGZ Rawiri, MWZ Matawai, MUGZ Murupara, RTZ Ruatuhuna, SNGZ Shannon Statio, MHGZ Mahia Peninsula, MTHZ Maungataniwha, MRHZ North Tongarir, NMHZ Naumai, ARHZ Aropoanui, BKZ Black Stump Fm, MCHZ McNeill Hill, KWHZ Kaweka Forest, MTHZ North Tongarir, TMVZ Te Maari, ETVZ East Tongariro, OTVZ Oturere, SNVZ South Ngauruho, KAHZ Kahuranaki, KRHZ Kereru, WNVZ Whianhoa, PNHZ Pukenui, PRHZ Porangahau, ASAR Alice Springs, WRA Warramunga Arr, SNAZ Sanae, H03S2 Juan Fernandez, H03S1 Juan Fernandez, H03S3 Juan Fernandez, H03N3 Juan Fernandez, H03N2 Juan Fernandez, H03N1 Juan Fernandez, NVAR Mina Array Bea, BVAR Borovoye Array, SPITS Spitsbergen Arr, FINES FINESS Array B, HFS Hagfors, MMDI Mount Meron Arr, TORR Torri Arr, IDC 21:23:14:22:7.3, 0.103S, 126.87E, h0km, mb3.4/4, mbtmp3.4/4, Error ellipse: s-maj=395.0km s-min=23.2km az=66.0, Southern Molucca Sea, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, KURKB Kurchatov Arra, RSNC 21:23:19:49.5-0.0, 3'2N x 7'4W, h20km, 3km, M1.2, ML1.2, Colombia.

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Table with 5 columns: ANIL, Santa Ana, 1.57 313, P, Pn, 23 20 16.7 +0.2

KRNET 21 23:21:39.4+0.1, 39.79N, 77.43E, h17km, mb3.2
SOME 21 23:21:42.8, 39.90N, 77.45E, h15km
NCC 21 23:21:43.1+1.4, 39.95N, 77.31E, h0km, mb3.6, mpv3.3,
Error ellipse: s-maj=9.4km s-min=8.0km az=165.0

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

2020 JAN

Table with 5 columns: Code, Station Name, Az, Phase ID, Time, Res

Main station list table for 2020 JAN with columns: Code, Station Name, Az, Phase ID, Time, Res

IDC 21 23:40:38.1+2.6, 44.31N, 81.31E, h0km, mbtmp2.9/5,
ML2, 3/5, Error ellipse: s-maj=21.8km s-min=19.6km
az=169.0
NCC 21 23:40:39.8+0.7, 44.14N, 81.37E, h0km, mb4.1, mpv3.9,
Error ellipse: s-maj=6.0km s-min=3.8km az=121.0
SOME 21 23:40:39.0, 44.18N, 81.47E, h20km
ISC 21 23:40:38.7+1.2, 44.16N, 81.03E, h10km, 10km,
n52, c159175, 11C-5D, Northern Xinjiang

Main station list table for 2020 JAN (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res

21d 23h

Main station list table for 21d 23h with columns: TDK, Station Name, Az, Phase ID, Time, Res, etc.

SJA 21 23:38:03.6+0.7, 28.84S, 68.58W, h126km, 3km, ML3.5,
MW3.5, La Rioja Province

RSPR 21 23:43:05.2, 17.89N, 66.83W, h11km
NEIC 21 23:43:04.5+1.2, 17.88N, 66.78W, h0.009,

22d Oh

h10km,1km,ML2.5/31,Md3.0/2(RSPR),9D,Error ellipse: s-maj=4.7km s-min=2.6km az=7.0, Puerto Rico region

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

IDC 21 23:44:27.1±2.6,38.64N:98.30E,h0km,mbtmp3.0/5, ML2.9/5,Error ellipse: s-maj=41.6km s-min=19.4km az=41.0, Qinghai

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Lanzhou Array, Songino Array, etc.

GCG 21 23:49:20.5±2.2,14.20N:94.32W,h36km,92km,MD4.2, ML3.9,Presumed earthquake

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Arriaga, Huatulo, etc.

2020 JAN

Main table with columns: C/CCIG, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Comitan, Matias Romero, etc.

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Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Mckenzie Canyon, Bozeman, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like OXIG, VHO, YOIG, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like T50A, R40A, TUC, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PZH, CMAR, SNET, etc.

Table with columns: MA2, comp-Z, elevation, pmax, pmax, SEW, Seward, 80.75, 16, P, 01 09 33.2, -0.2. Includes entries like MA2 Magadan, CBX Cerro Bola, L14K Kukua Creek, etc.

Table with columns: GRAC, Grapevine Rang, 80.78, 47, Iamb, Iamb, 01 09 37.3. Includes entries like GRAC Grapevine Rang, GLA Glamis, NVAR Mina Array Bea, etc.

Table with columns: M23K, Glacier View, 82.63, 16, P, P, 01 09 43.2, -0.1. Includes entries like M23K Glacier View, XAN Xi'an, XAN Xian, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like G18K Tagagawik, H19K Roundabout Mou, HAWA Hanford, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like CHTO Chiang Mai, CHTO Chiang Mai, CHTO Chiang Mai, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like J29N Klondike Camp, PV18 Skein Mesa, PV23 Carpenter Ridg, etc.

2020 JAN

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like F28M Old Crow, YNE Yellowstone No, E27K Colea River, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like YKA comp=Z,4.0nm,1.0s, YKA comp=Z,1.2nm,1.1s, Z35A Perchaven, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes entries like OSTC Ostas, MESTR Meseseni, DPC Dobruska-Polom, etc.

NEIC 22.01:36:16.3r:0.5, 17.78N:0.03:66:82W:0.01, h1(0km,9km, ML2,713, Error ellipse: s-maj=4.7km s-min=1.1km az=196.0

SDD 22 01:36:16.2,2.0,17.78N,66.74W,h12km,251km,MD3.5, ML2.8,MW3.4, Presumed earthquake

TNSS 4.6nm,0.4s Lg Lg 02 16 23.5

OBIP 37um,0.3s Obispo Ponce 0.31 45 Pb Sb 02 23 39.4 -0.2

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like Guanica, Bosqu, Magueyes Islan, Obispo Ponce, Cabo Rojo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like IZV, KST, MTBS, AAA, KOTS, AAK, DGS, ARSB, UZB, KURS, SHLS, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like OBIP, CRPR, GOGA, SDV, etc.

NEIC 22 01:36:27.2,2.0,17.86N,66.84W,0.010,1h1km,3km, az=178.0, Puerto Rico region

SHLS 16nm,0.6s Shalkode 3.51 30 Pg Pg 02 15 57.0 -1.1

OBIP 37um,0.3s Obispo Ponce 0.31 45 Pb Sb 02 23 39.4 -0.2

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like MLPR, OBIP, CRPR, CELP, PRSN, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like SHLS, KPKS, KPKS, KTBS, PDGK, KRBS, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like OBIP, CRPR, CELP, PRSN, etc.

IDC 22 01:38:24.6,2.0,34.37N,38.12W,h0km,mb3.6/5, mbtmp3.6/5,MS3.9/2, Error ellipse: s-maj=84.9km

KRBS 2.9nm,0.5s Karabastau 3.69 344 Lg Lg 02 15 57.0 +0.8

OBIP 37um,0.3s Obispo Ponce 0.31 45 Pb Sb 02 23 39.4 -0.2

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like TORD, ULM, H10N2, H10N3, H10N1, YKA, PDAR, GNI, KURBB, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like KRBS, MRKS, BLB, ARXS, ARXS, MNAS, KNOS, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like OBIP, CRPR, CELP, PRSN, etc.

KRNET 22 02:14:46.5,0.1,40.02N,77.10E,h18km,mb3.2

KK31 1.6nm,0.8s,baz=112,slow=26,SNR=3.7

OBIP 37um,0.3s Obispo Ponce 0.31 45 Pb Sb 02 23 39.4 -0.2

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like JNKS, NRN, TARG, KDJ, ULHL, BOOM, PRZ, SALK, ARS, SFK, UCH, TNSS, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like KRBS, MRKS, BLB, ARXS, MNAS, KNOS, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like OBIP, CRPR, CELP, PRSN, etc.

IDC 22 02:23:30.8,0.9,17.82N,66.93W,h0km,mb3.5/7, mbtmp3.6/8,ML2.7/1, Error ellipse: s-maj=23.3km

NEIC 22 02:23:32.1,2.1,17.82N,66.87W,0.010,1h1km,3km, mb3.9/2,ML3.9/3,MD3.4/7(RSPR), Error ellipse: s-maj=5.4km s-min=2.1km az=12.0

RSPR 22 02:23:33.0,0.3,17.84N,66.89W,h12km,MD3.4/7

SDD 22 02:23:33.7,2.0,17.87N,66.94W,h21km,2km,MD3.6, ML3.6,MW3.7, Presumed earthquake

IDC 22 02:23:32.1,0.9,17.82N,66.84W,0.02,1h1km,3km, n77,ct19N/108,mb3.6/9,12C-6D, Puerto Rico region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like SDV, GOGA, LPAZ, TX31, TXAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like CHIANG MAI, YAKA, CMAR, AAK, etc.

IDC 22 02:42:13.2±10.0, 18.72S:176.79W, h0km, mb3.5/3, mbtm3.5/3, Error ellipse: s-maj=441.6km s-min=40.5km az=143.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, ILAR.

IDC 22 02:55:41.5±0.8, 55.41N:164.45E, h0km, mb3.9/1.5, mbtm3.9/1.7, ML3.2/1, MS3.5/5, Error ellipse: s-maj=22.1km s-min=13.3km az=167.0

NEIC 22 02:55:42.9±1.7, 55.39N:0.09:164.45E:0.1, h10km, 1km, mb4.2/5.2, Error ellipse: s-maj=16.0km s-min=12.6km az=164.0

KRSC 22 02:55:42.2±1.6, 55.23N:164.53E, h60km, 23km, Mc4.3, Mw4.5

MOS 22 02:55:43.9±0.8, 55.24N:164.60E, h54km, mb4.1/1.3, Error ellipse: s-maj=6.3km s-min=4.9km az=62.9

ISC 22 02:55:45.2±1.8, 55.26N:0.04:164.54E:0.04, h27km, 13km, n372, c1919/380, mb4.1/4.2, MS3.8/3, 11C, Komandorsky Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like Bering, Krutoberegovo, Semkarok, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like CIRR, KZ, LGNR, BZP, etc.

IDC 22 02:55:43.9±0.8, 55.24N:164.60E, h54km, mb4.1/1.3, Error ellipse: s-maj=6.3km s-min=4.9km az=62.9

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like KMK, MA2, SEY, etc.

IDC 22 02:55:43.9±0.8, 55.24N:164.60E, h54km, mb4.1/1.3, Error ellipse: s-maj=6.3km s-min=4.9km az=62.9

IDC 22 02:55:43.9±0.8, 55.24N:164.60E, h54km, mb4.1/1.3, Error ellipse: s-maj=6.3km s-min=4.9km az=62.9

IDC 22 02:55:43.9±0.8, 55.24N:164.60E, h54km, mb4.1/1.3, Error ellipse: s-maj=6.3km s-min=4.9km az=62.9

IDC 22 02:55:43.9±0.8, 55.24N:164.60E, h54km, mb4.1/1.3, Error ellipse: s-maj=6.3km s-min=4.9km az=62.9

IDC 22 02:55:43.9±0.8, 55.24N:164.60E, h54km, mb4.1/1.3, Error ellipse: s-maj=6.3km s-min=4.9km az=62.9

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like BILL, ATKA, GAMB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like C16K, M15K, YAK, N15K, etc.

IDC 22 02:55:43.9±0.8, 55.24N:164.60E, h54km, mb4.1/1.3, Error ellipse: s-maj=6.3km s-min=4.9km az=62.9

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like UNV, UNV, TNA, etc.

IDC 22 02:55:43.9±0.8, 55.24N:164.60E, h54km, mb4.1/1.3, Error ellipse: s-maj=6.3km s-min=4.9km az=62.9

IDC 22 02:55:43.9±0.8, 55.24N:164.60E, h54km, mb4.1/1.3, Error ellipse: s-maj=6.3km s-min=4.9km az=62.9

IDC 22 02:55:43.9±0.8, 55.24N:164.60E, h54km, mb4.1/1.3, Error ellipse: s-maj=6.3km s-min=4.9km az=62.9

IDC 22 02:55:43.9±0.8, 55.24N:164.60E, h54km, mb4.1/1.3, Error ellipse: s-maj=6.3km s-min=4.9km az=62.9

IDC 22 02:55:43.9±0.8, 55.24N:164.60E, h54km, mb4.1/1.3, Error ellipse: s-maj=6.3km s-min=4.9km az=62.9

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC. Includes stations like B20K, M20K, Q19K, etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like A22K Sinclair Lake, D22K Ayikyak River, BPAW Bear Paw Mtn., etc.

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like G30M Atoh Zraii Nji, F30M Barrier River, I30M Mount Dempster, etc.

Table with columns: TXAR, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Lajitas Array, TXAR Lajitas Array, LANS Liptovska Anna, etc.

DC 22 03:09:10.2,2.3, 12.71Sx14.76W, h0km, mb4.0/11, mtmtp4.0/11, MS3.0/11, Error ellipse: s-maj=93.9km, s-min=17.1km, az=144.0

NEIC 22 03:09:12.7,14.1, 12.7S:O:1.4,14.7W:O:1.1, h10km,1km, mb4.4/15.0, Error ellipse: s-maj=23.1km s-min=18.5km az=151.0

ISC 22 03:09:13.3,0.6, 12.7S:O:1.4,14.7W:O:0.9, h18km, n50, c1961/36, mb4.4/27, MS3.6/11, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like H10N1 ASCENSION HYDR, H10N3 ASCENSION HYDR, etc.

Table of seismic data for stations H01W1 through F15K, including station names, coordinates, and seismic parameters.

Table of seismic data for stations F15K through F15K, including station names, coordinates, and seismic parameters.

Table of seismic data for stations SJJG through KUR, including station names, coordinates, and seismic parameters.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like BPEB Brooks Peninsula, PACBC Port Alice, PHCC Port Hardy, etc.

Table with columns: ATKA, Atka Island, 3.73 67, IAML, 05 41 23.0, F19K, Redstone River, 1.40 91, etc.

Table with columns: F19K, Redstone River, 1.40 91, IAML, 05 41 23.0, F19K, Redstone River, 1.40 91, etc.

IDC 22 05:39:25.1±2.3, 51°18'N-179°78'W, h0km, mb3.6/10, mbmp3.7/11, ML4.0/1, MS3.8/1, Error ellipse: s-maj=58.8km s-min=23.6km az=5.0

NEIC 22 05:39:28.7±2.7, 50°35'N-02°17'84"W, 0.03, h24km, 6km, ML3.8/14, ML3.4(AEIC), Error ellipse: s-maj=3.5km s-min=2.8km az=175.0

AEIC 22 05:39:28.7±2.6, 51°02'N-0°04'179.79W, 0.01, h7km, 4km, Error ellipse: s-maj=6.5km s-min=1.0km az=181.0

ISC 22 05:39:26.8±1.6, 50.5911N, 0.07°179.90W, 0.02, h16km, 8km, n50, 0.192284, mb3.8/10, Andreanof Islands

SCB 22 05:46:27.0±11.0, 22°06'S-67°37'W, h173km, 109km, MB4.9, ML2.8/2, Error ellipse: s-maj=67.7km s-min=37.4km az=0.0, Chile-Bolivia border region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC.

SCB 22 05:46:27.0±11.0, 22°06'S-67°37'W, h173km, 109km, MB4.9, ML2.8/2, Error ellipse: s-maj=67.7km s-min=37.4km az=0.0, Chile-Bolivia border region

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC.

IDC 22 05:58:35.8±1.1, 67°94'N: 160°88'W, h0km, mb3.5/6, mbmp3.6/10, ML3.0/5, Error ellipse: s-maj=31.1km s-min=15.1km az=35.0

NEIC 22 05:58:35.2±1.6, 67°52'N-02°160.94W, 0.06, h7km, 4km, ML3.7/106, ML3.5(AEIC), Mw3.6/17(SLM), Error ellipse: s-maj=3.8km s-min=1.7km az=49.0

AEIC 22 05:58:35.1±1.6, 67°51'N-02°160.92W, 0.06, h10km, 4km, Error ellipse: s-maj=4.1km s-min=2.5km az=54.0

NEIC 22 05:58:35.67°97'N, 161°21'W, h12km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; M=2.44; Mw=1.80; Mxx=0.64; Mxy=0.76; Myx=2.08; Myz=1.33; Fault plane solution: M0=3.99000x10^14 NP1=155.00000; 55.00000; 2-50.00000; NP2=279.00000; 55.100000; 1-133.00000; Principal axes: T=3.3869; P1g=0.0000; Azm218.00000; N=0.0009; P1g32.00000; Azm309.00000; P=-3.3860; P1g58.00000; Azm124.00000

ISC 22 05:58:35.1±0.9, 67.52N, 0.02-160.86W, 0.02, h8km, 6km, n170, 0.1910188, mb3.5/6, Northern Alaska

PRU 22 05:56:31.3, 49°85'N-18°56'E, h0km, Czech and Slovak Republics

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like OKC Ostrava-Krasne, STEB Steborice, MORC Moravsky Berou, etc.

IDC 22 05:58:35.8±1.1, 67°94'N: 160°88'W, h0km, mb3.5/6, mbmp3.6/10, ML3.0/5, Error ellipse: s-maj=31.1km s-min=15.1km az=35.0

NEIC 22 05:58:35.2±1.6, 67°52'N-02°160.94W, 0.06, h7km, 4km, ML3.7/106, ML3.5(AEIC), Mw3.6/17(SLM), Error ellipse: s-maj=3.8km s-min=1.7km az=49.0

AEIC 22 05:58:35.1±1.6, 67°51'N-02°160.92W, 0.06, h10km, 4km, Error ellipse: s-maj=4.1km s-min=2.5km az=54.0

NEIC 22 05:58:35.67°97'N, 161°21'W, h12km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; M=2.44; Mw=1.80; Mxx=0.64; Mxy=0.76; Myx=2.08; Myz=1.33; Fault plane solution: M0=3.99000x10^14 NP1=155.00000; 55.00000; 2-50.00000; NP2=279.00000; 55.100000; 1-133.00000; Principal axes: T=3.3869; P1g=0.0000; Azm218.00000; N=0.0009; P1g32.00000; Azm309.00000; P=-3.3860; P1g58.00000; Azm124.00000

ISC 22 05:58:35.1±0.9, 67.52N, 0.02-160.86W, 0.02, h8km, 6km, n170, 0.1910188, mb3.5/6, Northern Alaska

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC.

H20K Anotlenega 3.14 128 Pn 05 59 25.2 +0.4

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like H20K Anotlenega, IM02 Indian Mountain, TNA Tin City, etc.

SUA	Susitna One	19.06	46	P	P	06 11 39.0	-0.4
I20K	Naagdeneel	19.09	34	P	P	06 11 40.0	+0.5
SEY	Seyman	19.13	319	P	P	06 11 37.8	-2.3
SEY	Seyman	19.13	319	eP	LR	06 18 16.7	
SEY	Seyman	19.13	319	eP	LR	06 11 38.4	-1.6
O22K	Cooper Landing	19.23	49	I	Amb	06 11 59.6	
O22K	Cooper Landing	19.23	49	P	P	06 11 41.2	+0.1
SEW	Seward	19.26	50	I	Amb	06 11 55.1	
SEW	Seward	19.26	50	P	P	06 11 41.1	-0.4
C17K	DeLong Mountain	19.30	19	P	P	06 11 42.4	+0.6
F19K	Shalerukik Mo	19.33	27	P	P	06 11 42.7	+0.5
H20K	Anotleneega Mo	19.35	32	P	P	06 11 42.6	+0.1
RC01	Rabbit Creek A	19.40	47	P	P	06 11 42.8	-0.2
RC01	Rabbit Creek A	19.40	47	P	P	06 11 43.2	+0.1
CHUM	Lake Minchumin	19.41	38	P	P	06 11 43.1	0.0
M22K	Willow	19.44	45	I	Amb	06 12 10.0	
L22K	Petersville	19.44	42	P	Pn	06 11 44.4	-0.5
L22K	Petersville	19.44	42	I	Amb	06 11 45.3	
CUT	Chuitina	19.61	43	P	P	06 11 45.0	-0.4
PMT	Palmer	19.84	46	P	P	06 11 47.9	+0.2
C18K	Utukok River	19.85	20	I	Amb	06 11 51.1	
C18K	Utukok River	19.85	20	P	P	06 11 48.0	0.0
E19K	Redstone River	19.92	26	I	Amb	06 12 00.8	
E19K	Redstone River	19.92	26	P	P	06 11 49.1	+0.4
TRF	Thorofore Moun	20.02	40	P	I	06 11 50.4	+0.4
TRF	Thorofore Moun	20.02	40	P	I	06 12 01.1	
TRF	Thorofore Moun	20.02	40	P	P	06 11 50.4	+0.4
BPAW	Bear Paw Mtn.	20.03	38	I	Amb	06 11 55.1	
BPAW	Bear Paw Mtn.	20.03	38	P	P	06 11 49.5	-0.3
F20K	Avaraart Lake	20.07	28	I	Amb	06 11 59.3	
F20K	Avaraart Lake	20.07	28	P	P	06 11 49.8	-0.5
KNK	Knik Glacier	20.09	47	I	Amb	06 11 54.6	
KNK	Knik Glacier	20.09	47	P	P	06 11 49.5	-1.1
H21K	Melozitna River	20.15	33	I	Amb	06 12 14.7	
H21K	Melozitna River	20.15	33	P	P	06 11 51.6	+0.4
I21K	Tanana	20.18	35	I	Amb	06 11 54.2	
I21K	Tanana	20.18	35	P	P	06 11 51.6	+0.1
P23K	Montague Islan	20.23	51	P	P	06 11 52.3	+0.2
SML	Sawmill	20.26	46	P	I	06 11 52.1	-0.4
SML	Sawmill	20.26	46	P	P	06 11 52.1	-0.4
SML	Sawmill	20.26	46	P	P	06 11 51.5	-1.0
G21K	Allakaket	20.42	31	I	Amb	06 11 56.6	
G21K	Allakaket	20.42	31	P	P	06 11 54.4	+0.4
D19K	Kuna River	20.45	23	I	Amb	06 11 57.0	
D19K	Kuna River	20.45	23	P	P	06 11 54.3	-0.1
WAT1	Susitna Watana	20.51	43	P	P	06 11 54.3	-0.9
M23K	Glacier View	20.53	46	P	P	06 11 54.4	-1.0
C19K	Lookout Ridge	20.57	21	I	Amb	06 12 03.3	
C19K	Lookout Ridge	20.57	21	P	P	06 11 55.3	-0.5
GLI	Glacier Island	20.58	49	P	P	06 11 54.7	-1.2
RND	Reindeer	20.59	41	P	P	06 11 55.5	-0.6
RND	Reindeer	20.59	41	P	P	06 11 55.5	-0.6
Q23K	Middleton Isla	20.65	53	P	P	06 11 55.8	-0.9
MCK	McKinley	20.69	40	P	P	06 11 57.1	+0.1
MCK	McKinley	20.69	40	P	P	06 11 57.1	+0.1
MCK	McKinley	20.69	40	P	P	06 11 56.7	-0.4
SCM	Sheep Creek Mo	20.73	46	I	Amb	06 12 01.4	
SCM	Sheep Creek Mo	20.73	46	P	P	06 11 56.3	-1.3
E20K	Nigu River	20.77	25	P	P	06 11 56.5	-1.4
WAT6	Susitna Watana	20.77	44	P	P	06 11 56.8	-1.4
FID	Port Fidalgo	20.85	49	P	I	06 11 58.0	-0.7
F21K	Alatna River	20.86	29	I	Amb	06 12 03.7	
F21K	Alatna River	20.86	29	P	P	06 11 58.9	+0.1
D20K	Etivluk River	20.98	24	P	P	06 11 59.9	-0.3
NEA2	Nenana	21.00	38	I	Amb	06 12 05.4	
NEA2	Nenana	21.00	38	P	P	06 11 59.7	-0.6
DHY	Denali Highway	21.10	43	P	I	06 12 01.4	-0.2
DHY	Denali Highway	21.10	43	P	P	06 12 00.7	-0.9
I23K	Minto, Yukon-K	21.13	36	P	P	06 12 00.9	-0.9
EYAK	Cordova Ski Ar	21.15	50	P	P	06 12 04.0	+0.2
EYAK	Cordova Ski Ar	21.15	50	P	P	06 12 02.1	+0.1
A19K	Wainwright	21.16	18	P	P	06 12 02.2	+0.2
KLU	Klutina	21.28	47	P	P	06 12 02.6	-0.9
KLU	Klutina	21.28	47	P	P	06 12 03.3	-0.3
G22K	Bettles	21.30	31	P	P	06 12 03.3	-0.2
M24K	Tolsona, Glenn	21.33	46	P	P	06 12 03.7	-0.2
WRH	Wood River Hill	21.33	39	I	Amb	06 12 42.0	
E21K	Killik River	21.50	26	I	Amb	06 12 09.3	
E21K	Killik River	21.50	26	P	P	06 12 05.3	-0.4
CCB	Clear Creek Bu	21.51	38	I	Amb	06 12 18.1	
COLA	College	21.59	38	P	P	06 12 07.6	+1.0
COLA	College	21.59	38	P	P	06 12 07.1	+0.4
COLA	College	21.59	38	P	P	06 12 07.0	+0.4
COLA	College	21.59	38	P	P	06 12 06.0	-0.6

G23K	Bananza Creek	21.68	32	I	Amb	06 12 10.6	
G23K	Bananza Creek	21.68	32	P	P	06 12 07.0	-0.6
HDA	Hart Lake	21.76	39	P	P	06 12 07.9	-0.6
C21K	Knifblade Rid	21.77	24	P	P	06 12 07.9	-0.7
BMRM	Bremner River	21.79	49	I	Amb	06 12 20.1	
BMRM	Bremner River	21.79	49	P	P	06 12 07.9	-1.1
POKR	Poker Plat Res	21.85	37	I	Amb	06 12 11.3	
POKR	Poker Plat Res	21.85	37	P	P	06 12 09.0	-0.5
HARP	HAARP	21.86	45	P	P	06 12 09.0	-0.7
YUAK	Yukon	21.89	44	I	Amb	06 12 17.1	
PAX	Paxson	21.89	44	P	P	06 12 09.0	-1.0
COLD	Coldfoot	21.90	31	P	P	06 12 09.8	-0.2
E22K	Anaktuvuk Pass	21.92	28	I	Amb	06 12 16.8	
E22K	Anaktuvuk Pass	21.92	28	P	P	06 12 10.1	-0.2
ILAR	Eielson Array	21.92	39	P	P	06 12 07.5	-2.8
ILAR	Eielson Array	21.92	39	P	P	06 19 44.1	+1.3
ILAR	Eielson Array	21.92	39	P	P	06 12 10.5	+0.2
ILAR	Eielson Array	21.92	39	P	P	06 12 10.5	+0.2
N25K	Chitina, Valde	21.93	48	I	Amb	06 12 12.3	
N25K	Chitina, Valde	21.93	48	P	P	06 12 10.0	-0.4
H24K	Noodor Dome	22.00	35	I	Amb	06 12 13.8	
H24K	Noodor Dome	22.00	35	P	P	06 12 11.3	+0.1
K24K	Donnelly Dome	22.02	41	I	Amb	06 12 20.4	
K24K	Donnelly Dome	22.02	41	P	P	06 12 10.3	-1.0
B21K	Ikpikpuk River	22.14	23	I	Amb	06 12 15.5	
B21K	Ikpikpuk River	22.14	23	P	P	06 12 11.3	-1.1
D22K	Aiyikyak River	22.14	26	P	P	06 12 11.7	-0.9
GLB	Gilahina Butte	22.26	48	I	Amb	06 12 15.9	
VRDI	Verde Repeater	22.39	49	I	Amb	06 12 17.1	
RIDG	Independent Ri	22.39	42	P	I	06 12 14.0	-1.3
RIDG	Independent Ri	22.39	42	P	I	06 12 17.6	
RIDG	Independent Ri	22.39	42	P	P	06 12 14.4	-1.0
CRQM	Cirque	22.46	50	I	Amb	06 12 17.9	
J25K	Salcha River	22.47	40	P	P	06 12 14.6	-1.6
CRQE	Cirque	22.48	50	P	P	06 12 15.8	-0.6
E23K	Chandalar	22.55	29	I	Amb	06 12 42.7	
E23K	Chandalar	22.55	29	P	P	06 12 16.9	-0.1
G24K	Hadweenzic Riv	22.55	34	I	Amb	06 12 22.1	
G24K	Hadweenzic Riv	22.55	34	P	P	06 12 16.6	-0.4
MCARA	McCarthy VSAT	22.62	48	I	Amb	06 12 59.7	
MCARA	McCarthy VSAT	22.62	48	P	P	06 12 16.9	-0.9
MENT	Mentasta	22.65	44	I	Amb	06 12 34.6	
MENT	Mentasta	22.65	44	P	P	06 12 18.3	+0.2
DOT	Dot Lake	22.70	42	I	Amb	06 12 19.4	
PRP	Porcupine Dome	22.75	37	P	P	06 12 18.0	-1.2
D23K	Nanushuk River	22.76	27	I	Amb	06 12 24.9	
D23K	Nanushuk River	22.76	27	P	P	06 12 18.7	-0.5
F24K	Squaw Lake	22.81	32	I	Amb	06 12 26.1	
F24K	Squaw Lake	22.81	32	P	P	06 12 18.9	-0.9
ISLE	Juniper Island	22.82	51	P	P	06 12 20.2	+0.1
ISLE	Juniper Island	22.82	51	P	P	06 12 46.3	
SCRK	Sand Creek	22.83	42	P	P	06 12 18.2	-1.9
L26K	Log Cabin Wild	22.83	44	I	Amb	06 12 52.5	
L26K	Log Cabin Wild	22.83	44	P	P	06 12 19.6	-0.4
M26K	Nabesna, AK	22.84	46	P	P	06 12 19.7	-0.5
TOLK	Toolik Lake Re	22.89	28	I	Amb	06 12 25.2	
TOLK	Toolik Lake Re	22.89	28	P	P	06 12 20.0	-0.6
E24K	Your Creek	22.91	30	I	Amb	06 12 26.2	
E24K	Your Creek	22.91	30	P	P	06 12 19.8	-1.0
B22K	Teshehpuk Lake	22.93	23	I	Amb	06 12 22.8	
B22K	Teshehpuk Lake	22.93	23	P	P	06 12 19.9	-1.1
A21K	Barrow	22.94	19	P	P	06 12 19.8	-1.2
MESA	Mesa	22.96	52	P	P	06 12 19.8	-1.8
GRNC	Granite Creek	23.13	50	I	Amb	06 12 24.1	
J26L	Joseph Creek	23.16	41	I	Amb	06 12 23.7	
J26L	Joseph Creek	23.16	41	P	P	06 12 11.8	-1.7
BARN	Barnard Glacie	23.22	50	P	I	06 12 23.8	-0.3
FYU	Fort Yukon	23.29	35	I	Amb	06 12 26.3	
C23K	Ikiklik River	23.32	25	P	P	06 12 24.2	-0.6
M27K	Edge Creek, AK	23.34	46	I	Amb	06 12 27.6	
M27K	Edge Creek, AK	23.34	46	P	P	06 12 24.6	-0.7
B22K	Teshehpuk Lake	23.36	50	P	P	06 12 25.2	-0.3
TABL	Table Mountain	23.39	51	I	Amb	06 12 30.8	
D24K	Happy Valley	23.41	28	I	Amb	06 12 30.2	
D24K	Happy Valley	23.41	28	P	P	06 12 25.0	-0.7
LOGN	Logan Glacier	23.50	50	I	Amb	06 12 27.6	
L27K	Beaver Creek	23.52	45	I	Amb	06 12 28.7	
L27K	Beaver Creek	23.52	45	P	P	06 12 25.4	-1.5
TYV	Tymovskoe	23.52	284	eP	P	06 12 28.1	+1.2
TYV	Tymovskoe	23.52	284	P	P	06 12 28.1	+1.2
TYV	Tymovskoe	23.52	284	P	P	06 12 28.1	+1.2
TYV	Tymovskoe	23.52	284	P	P	06 12 28.1	+1.2
BCAR	Beaver Creek A	23.54	45	P	P	06 12 27.6	-0.4
F25K	Christian Rive	23.60	32	I	Amb	06 12 31.8	
F25K	Christian Rive	23.60	32	P	P	06 12 27.1	-0.6
C24K	Franklin Bluff	23.78	27	I	Amb	06 12 34.3	
C24K	Franklin Bluff	23.78	27	P	P	06 12 29.0	-0.2

baz=234	PCA Pinnacle	23.80	52	I	Amb	06 12 31.9	
baz=234	PINM Pinnacle	23.80	52	P	P	06 12 28.5	-1.1
baz=259,SNR=51	BVCY Beaver Creek	23.82	46	P	P	06 12 28.3	-1.4
baz=241,SNR=30	E25K Arctic Village	23.88	31	I	Amb	06 12 32.1	
baz=241,SNR							

22d 6h

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like INK, R33M, YAK, WTLY, etc.

2020 JAN

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like BCYI, EGMT, BOZ, NVAR, etc.

1438

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like PV22, PV04, PV16, etc.

Table with columns: Station Name, Frequency, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like MARZ, EDRZ, OPRZ, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like OXZ, MOZ, AKCZ, etc.

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

22d 7h

Table of station data for 22d 7h, including station names like MK31, MKAR, MKAR, etc., and their corresponding coordinates and parameters.

2020 JAN

Table of station data for 2020 JAN, including station names like NR1K, NR1K, NR1K, etc., and their corresponding coordinates and parameters.

1442

Table of station data for 1442, including station names like BPAW, G24K, PPLA, etc., and their corresponding coordinates and parameters.

UPA 22 07:16:15.1, 3.9°01'N-84°00'W, h0km,9km, MW3.8, Presumed earthquake
UCR 22 07:16:17.4, 0.0, 8.96N-84.06W, h12km,17km, MW3.7, Presumed earthquake
CATAC 22 07:16:17.4, 0.4, 9.1N-84.4W, h5km,2km, M3.5/11, MLV3.5/11, Error ellipse: s-maj=7.8km s-min=-3.2km baz=51.0 confirmed
ISC 22 07:16:16.9, 1.1, 8.96N-0.03, 84.03W, 0.03, h9km,9km, n137, o09S/153, 18C-32D, Off coast of Costa Rica
Code Station Name A° AZ° Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AMPA Desamparados, LUJA Lujan, CENT San Jose, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SENK Senkaya-Erzuru, BGD Bogdanovka, BOZK Bogdanovka, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MWC comp=E,7um,0.2s, GSA Caltech-GSA, CRPC Caltech-Rob, etc.

TIF 22 07:24:48.5, 41.70N, 42.19E, h15km

ISK 22 07:24:48.5, 41.65N, 42.14E, h1km, ML3.0/12

MCSM 22 07:24:49.6, 1.9, 41.67N, 42.18E, h10km, mb3.8/1, Error

AFAD 22 07:24:49.4, 41.65N, 42.18E, h9km, 2km, MW3.4

ISC 22 07:24:48.5, 1.1, 41.68N, 42.20E, h8km, 9km, n74, c088/108, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like EPOS Posof, DBOC Borcka, AHAN Ardahan-Merkez, etc.

PAS 22 07:41:10.8, 1.6, 34.36N, 0.01, 118.49W, 0.01, h8km, 3km, Error ellipse: s-maj=2.0km s-min=1.6km az=147.0

NEIC 22 07:41:09.8, 2.3, 34.36N, 0.01, 118.40W, 0.02, h5km, 2km, ML3.3/121, ML3.6/331 (PAS), Error ellipse: s-maj=3.5km s-min=2.9km az=247.0, Southern California

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like OBN Obninsk, KSP Ksiaz, AQU L'Aquila, etc.

PAS 22 07:41:10.8, 1.6, 34.36N, 0.01, 118.49W, 0.01, h8km, 3km, Error ellipse: s-maj=2.0km s-min=1.6km az=147.0

NEIC 22 07:41:09.8, 2.3, 34.36N, 0.01, 118.40W, 0.02, h5km, 2km, ML3.3/121, ML3.6/331 (PAS), Error ellipse: s-maj=3.5km s-min=2.9km az=247.0, Southern California

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DECC Green Verdugo, OAT Oat Mountain, HLLC North Hollywood, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CBX Cerro Bola, DANC Danby, BANC Big Chuckawalk, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like V12A Nelson, BLVC Blythe, SHPR Sheep Range, etc.

ASRS 22 08:20:06.0, 0.9, 54.11N, 87.15E, h0km, M2.3(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022.

ISC 22 08:20:07.0, 2.6, 54.26N, 87.41E, h0km, mbtmp3.14, ML2.8/4, Error ellipse: s-maj=24.9km s-min=15.1km

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, KURBB Kurchatov Arra, MKAR Makanchi Array, etc.

NEIC 22 08:21:41.0, 0.7, 17.99N, 0.02, 66.75W, 0.009, h1km, ML2.8/3.5, MD2.7/9(RSPR), Error ellipse: s-maj=3.5km s-min=1.2km az=170°

RSPR 22 08:21:41.4, 1.4, 17.99N, 66.75W, h12km, MD2.6/9, SDD 22 08:21:42.9, 1.3, 17.99N, 66.85W, h20km, gkm, MD3.3, ML2.5, MW2.8, Presumed earthquake

ISC 22 08:21:40.9, 0.9, 17.97N, 0.05, 66.74W, 0.02, h17km, 5km, n7, c0564/57, 9C-3D, Puerto Rico region

Large table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, UUPR Utuado, CRPR Cabo Rojo, etc.

NEIC 22 08:29:13.2, 2.2, 50.94N, 0.05, 179.84W, 0.05, h10km, 1km, mb3.9/20, ML3.8/14, ML3.4(AEIC), Error ellipse: s-maj=8.3km s-min=5.1km az=194.0

AEIC 22 08:29:14.4, 2.1, 50.97N, 0.05, 179.85W, 0.05, h11km, 4km, Error ellipse: s-maj=6.8km s-min=4.9km az=186.0

ISC 22 08:29:18.4, 3.6, 51.25N, 179.64W, h46km, 28km, mb3.4/9, mbtmp3.7/10, ML4.0/1, MS2.8/1, Error ellipse: s-maj=52.3km s-min=17.0km az=7.0

ISC 22 08:29:13.4, 1.8, 50.91N, 0.09, 179.85W, 0.03, h16km, 9km, n67, c1949/82, mb3.8/14, Andeanof Islands

Large table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like AMKA Amchitka, GAKI Gareloi-Kavalg, GAKI Semis' Southwe, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like URUA Uruapan, INCO Volcan de Coli, MNGA Volcan de Coli, etc.

ISC 22 08:42:21.6, 1.3, 3.20S, 148.25E, h0km, mb3.9/9, mbtmp3.9/9, MS3.5/18, Error ellipse: s-maj=46.1km s-min=21.4km az=113.0

ISC 22 08:42:24.9, 1.3, 3.25S, 148.2E, 0.3, h22km, n29, c091/10, mb3.8/9, MS3.8/14, Bismarck Sea

Large table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like PMG Port Moresby, GUA Charters Town, SJLI Sorong, WRA Warrungana Arra, etc.

ASRS 22 08:50:16.0, 1.1, 54.18N, 87.18E, h0km, M2.6(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022.

ISC 22 08:50:16.0, 2.3, 53.91N, 87.71E, h0km, mbmp2.8/2, ML2.4/2, Error ellipse: s-maj=29.0km s-min=16.3km

az=62.0, Southwestern Siberia

Large table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like I46RU Zalesovo INFRA, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

MEX 22 08:38:48.4, 0.5, 19.45N, 102.19W, h20km, 17km, MD3.6

22d 9h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and ISC. Includes stations like NVAR, TXAR, KSRS, ZALV, BVAR, KURBB, MKAR, MKAR, MOTA, SQTA, and WTTA.

VAO 22 09:23:46.7±0.2, 24:37:56.733W, h234km, 5km, mb4.2, Presumed earthquake

SJA 22 09:23:47.9±0.2, 24:31:56.678W, h204km, 5km, ML4.4, MW4.1

IDC 22 09:23:47.8±1.5, 24:26:56.78W, h177km, 13km, mb3.3/6, mbtmp4.1, 1/3, Error ellipse: s-maj=20.6km s-min=13.3km

NEIC 22 09:23:48.9±1.8, 24:30:05.661W, 0.09, h183km, 6km, mb4.4/12, ML4.6(GUC), Error ellipse: s-maj=13.2km s-min=6.0km az=113.0

GUC 22 09:23:49.7±0.6, 24:25:56.715W, h231km, 6km, ML4.6

ISC 22 09:23:48.5±0.6, 24:28:5.046E, 66.93W, 0.04, h192km, 6km, n137, ±150/175, mb3.77, 3C-11D, Salta Province

Main table of station data with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and ISC. Lists numerous stations across various regions.

2020 JAN

Main table of station data for 2020 JAN with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and ISC. Lists numerous stations across various regions.

1446

Table of station data for 1446 with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and ISC. Includes stations like FITZ, DZM, H11S3, H11S2, H11S1, H11N1, H11N2, KSRS, CMAR, PETK, SONM, and ILAR.

RSRP 22 09:31:11.8, 17:84N-66:87W, h11km, MD2.9/4, NEIC 22 09:31:10.2±1.1, 17.75N, 0.01-66.87W, 0.01, h10km, 2km, ML2.7/35, Md2.9/(RSPR), 1C-4D, Error ellipse: s-maj=3.2km s-min=2.3km az=359.0, Puerto Rico region

Main table of station data for 1446 with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and ISC. Lists numerous stations across various regions.

Table with columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TORODI, PDAR, WRA, MKAR.

IDC 22 10:09:15.1±0.5, 14.95S:166.85E, h0km, mb4.5/23, mbmp4.5/24, ML4.3/1, MS3.9/8, Error ellipse: s-maj=17.8km s-min=13.4km az=93.0

NOU 22 10:09:18.1, 14.93S:166.83E, h3km, mb5.1/22, Vanuatu Islands

NEIC 22 10:09:20.0±0.2, 15.23S:166.67E, h10km, 1km, mb5.0/34, Error ellipse: s-maj=12.2km s-min=5.8km az=17.0

GCMT 22 10:09:20.0±0.4, 14.95S:166.65E, h0.03, h30km, MW4.9/56, Moment Tensor Solution. s34.c39; s56.c70; Duration: 0 Moment tensor: Scale 10^18Nm; Mr:0.05±.17; Mw:0.91±.12; Mo:2.15±.11; Mo:0.44±.19; Mo:0.33±.09; Ms:0.32±.13; Best double couple: M2:68900x10^16 Np1:350.00000°, s41.00000°, 198.00000°. NP2: 0±160.00000°, s50.00000°, 183.00000°. Principal axes: T 31.130, P1g83.0000°, Azm27.0000°, N -0.8580, P1g5.0000°, Azm165.0000°, P -2.2640, P1g5.0000°, Azm255.0000°. nst2 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

MOS 22 10:09:22.7±0.9, 14.96S:166.71E, h11km, mb5.0/17 Error ellipse: s-maj=11.7km s-min=9.3km az=35.5 BUI 22 10:09:23.0, 15.30S:166.70E, h67km, mb5.1/11, mb4.7/39

ISC 22 10:09:17.9±0.3, 15.03S:166.76E, h10km, n370, e154/320, mb4.8/63, MS4.0/8, 10C-10D, Vanuatu Islands

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SARACOUT, DEVILS POINT, KOUNC, MARCN, HURO, YATNC, DZM, ONTNC, NGOEN, PINNC, SAVO, TATA, MSVF, ALOT, LHI, EIDS, PMG, CTAO, ARMA, OUZ, WCZ, COEN, TOZ, HIZ, TLZ, HAZ, RUGZ, URZ, MWZ, TWGZ, KATZ, RTZ, STKA, WBO, WRAB, WRA, ASAR, BBOO.

Main station list table with columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUMO, KNRA, PPT2, MORV, KHLH, TAOE, JOW, JGF, JGF, JMN, JSAR, Vnda, Vnda, Vnda, SBA, SBA, KSRS, YSS, YSS, NJ2, USRK, USRK, PEAOB, PEAOB, PETK, PETK, MDJ, CN2, BNX, NIKH, KLR, ENH, ENH, LYN, LYN, BJ12, UNV, XAN, XAN, HEH, SPEA, CM31, CMAR, CMAR, XLT, XLT, CHTO, CHTO, QSPA, QSPA, CHNA, SDPT, PZH, MA2, MA2, MA2, HHC, HHC, HIA, HIA, HIA, ZEA, CHIR, LZH, LZH, LZH, LZHM, M1K, SII, O14K, SEY.

Main station list table with columns: Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SEY, R17L, O15K, N14K, M13K, P16K, Q17K, OHAK, Q16K, N15K, M14K, O16K, P17K, M15K, L14K, KDAK, K13K, O17K, N16K, GAMB, P18K, L15K, M16K, Q20K, O18K, J14K, K15K, L16K, P19K, N18K, O19K, M17K, MAW, MAW, HOM, N19K, L17K, M18K, BRSE, J16K, ULN, ULN, ANM, K17K, L18K, SONM, J17K, I17K, TNA, GTA2, L19K, SEW, F14K, G15K, BILL, BILL, H16K, M20K, J18K, SHL, SHL, F15K, SUSA, P23K, RC01, SKT, G16K, H17K, M22K, K20K, J19K, PMR, G17K, KNK, H18K, EYAK, SML, J20K, M23K, F17K, SCM, CHUM, G18K.

22d 10h

2020 JAN

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Table with columns: IZ0K, Naaghedeneel, 84.85, 16, P, P, 10 21 50.5 -1.8, etc.

Table with columns: G24K, Hadweenzic Riv, 88.18, 17, P, P, 10 22 07.3 -1.4, etc.

Table with columns: comp=Z, 0.8nm, 0.9s, baz=132, slow=3.4, SNR=8.8, NEIC 22.0:11:19.1, 1.8, 50.80N, 0.05:179.89W, 0.05, h10km, 1km, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Bananza Creek, Bremner River, Eielson Array, etc.

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

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

ADC 22 10:45:05.2, 0.9, 54.56N:160.34E, h0km, mbmp2.6/9, mbmp3.4/10, ML2.3/1, Error ellipse: s-maj=28.6km, s-min=17.8km az=146.0

KRSC 22 10:45:06.5, 0.8, 54.51N:160.45E, h19km, mb3.8, n47, 0.91/59, mb3.4/9, Near east coast of Kamchatka Peninsula

ADC 22 10:52:31.0, 1.9, 50.90N:179.88W, h10km, n85, 1.92/71, mb3.9/19, Andreevan Islands

22d 11h

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

SNET 22 10:59:43.3±1.4, 13.83N:90.82W, h62km, 30km, ML2.9, Presumed earthquake

GCG 22 10:59:44.9±0.8, 14.23N:90.52W, h86km, 6km, MD3.8, Presumed earthquake

ISC 22 10:59:45.0±2.9, 13.7N:0.4±90.5W:0.1, h100km, n6, ±125N, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for Guatemala.

BUI 22 11:04:08.9, 54.94N, 161.25E, h50km, mB5.2/43, mb4.9/80, Ms5.2/89, Ms7.5/86

KRSC 22 11:04:11.6±0.5, 54.74N:161.85E, h83km, 14km, Mc6.0, M6.4, Felt [V-VI] at kordon Kronok; [V] at HMS Semyachik; [IV-VI] at kordon Uzon, kordon Semyachik; [IV] at kordon Ipuin, Kiuchi, cape Shipunskiy; [III-IV] at Ust-Kamchatsk, Milkovo, Viluchinsk; [III] at kordon Cape Nalichevo, Petropavlovsk, Elizovo; [II-III] at Sharomy, Paratunka, Termalnyi; [II] at Nikolskoe

NEIC 22 11:04:12.5±1.4, 58.2N:0.07±1.6E:0.1, h52km, 3km, mB5.6/1002, MwB5.6/85, MwM5.5/36, Error ellipse: s-maj=10.7km s-min=9.0km az=164. Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr: 3.0; Mss: 2.32; Mtt: 1.01; Mss: 1.45; Mrr: 1.33; Fault plane solution: Mo2.820000*10^17 NP1: 265.000000, 268.810000, 140.150000. Principal axes: T 2.6433, Plg43.0000, Azm104.0000; N 0.3305, Plg46.0000, Azm303.0000; P -2.9737, Plg10.0000, Azm203.0000

NEIC 22 11:04:13.6, 54.87N:161.54E, h50km, Moment Tensor Solution. Duration: 21.0 Moment tensor: Scale 10^17Nm; Mrr: 1.56; Mss: 2.03; Mtt: 0.47; Mss: 0.09; Mrr: 1.23; Mss: 1.28; Fault plane solution: Mo2.560000*10^17 NP1: 260.570000, 850.750000, 138.500000; NP2: 143.860000, 861.180000, 133.770000. Principal axes: T 2.5403, Plg52.0000, Azm106.0000; N 0.0309, Plg37.0000, Azm299.0000; P -2.5712, Plg6.0000, Azm204.0000

NEIC 22 11:04:13.6, 54.87N:161.54E, h50km, Moment Tensor Solution. s23 Moment tensor: Mrr: 1.08; Mss: 1.34; Mtt: 0.27; Mss: 0.01; Mrr: 1.49; Mrr: 1.17; Fault plane solution: NP1: 150.0000, 368.0000, 117.23; NP2: 265.0000, 851.0000, 128.0000

MOS 22 11:04:13.7±0.9, 54.81N:161.58E, h87km, mb5.4/93, MS4.7/12 Error ellipse: s-maj=5.8km s-min=3.3km az=79.6

MOS Felt (II-III) at Petropavlovsk-Kamchatskiy. IDC 22 11:04:14.1±0.3, 54.92N:161.41E, h67km, 2km, mb5.0/42, mbtmp5.4/45, MS4.6/86, Error ellipse: s-maj=8.0km s-min=5.8km az=128.0

GCMT 22 11:04:17.0±0.1, 54.74N:0.1±161.72E:0.01, h73km, 1km, Mw5.6/139, Moment Tensor Solution. s139c243; s135c267; Duration: 186 Moment tensor: Scale 10^17Nm; Mrr: 0.82±0.03; Mss: 1.96±0.04; Mtt: 1.14±0.04; Mrr: 1.0±0.03; Mss: 2.03; Mtt: 1.40±0.03; Best double couple: Mo3.218000*10^17 NP1: 257.000000, 864.000000, 17.170000; NP2: 159.000000, 875.000000, 153.000000

Principal axes: T 1.530, Plg30.0000, Azm116.0000; N 0.1290, Plg59.0000, Azm313.0000; P -3.2840, Plg8.0000, Azm210.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function. ISC 22 11:04:14.1±0.2, 54.30N:0.02±161.60E:0.02, h69km, 1km, h68km; pp-P, n1724, r140/1399, m5.6/718, 49C-59D, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for Kamchatka Peninsula.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for various locations including Magadan, Shemya Is., Kamenskaya, etc.

22d 11h

2020 JAN

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, Date, Time, Azimuth Error, Distance Error, Status. Includes stations like SLKM Skilak Lake, I23K Minto, Yukon-K, I23K Minto, Yukon-K, E23K Chandalar, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, Date, Time, Azimuth Error, Distance Error, Status. Includes stations like SNEY Shenyang, SNEY Shenyang, SNEY Shenyang, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Status, Date, Time, Azimuth Error, Distance Error, Status. Includes stations like DL2, G30M tAoh Zrai Nji, K29M Barlow Dome, F30M Barrier River, etc.

HHC	comp=Z,2um,17.9s	35.58 268	eP	P	11 11 02.6	-2.1
HHC	Hu-ho-hao-te		pP	P	11 11 18.3	-3.2
HHC			pP	Pn	11 12 20.9	-4.8
HHC			pP	S	11 16 33.8	-1.8
HHC	comp=Z,6.0nm,0.8s		pmax	pmax		
HHC	comp=Z,130nm,4.7s		pmax			
HHC	comp=Z,2um,13.1s		LR	LR		
HHC	comp=Z,2um,13.9s		LR	LR		
HHC	comp=Z,2um,13.1s		LR	LR		
U33K	Whale Pass	35.80 60	P	P	11 11 08.5	+2.3
S34M	Telegraph Cree	36.01 57	IAMB	IAMB	11 11 11.3	
S34M	Telegraph Cree	36.01 57	P	P	11 11 10.3	+2.2
WRAK	Wrangell Islan	36.05 60	IAMB	IAMB	11 11 11.8	
WRAK	Wrangell Islan	36.05 60	P	P	11 11 10.7	+2.3
HNS	HongShan	36.08 261	↑P	P	11 11 06.1	-2.8
HNS			PcP	PcP	11 13 35.5	+2.0
HNS			S	S	11 16 44.1	+1.1
HNS			ScP	ScP	11 17 15.3	+1.8
HNS			ScS	ScS	11 21 20.0	+0.8
HNS	comp=Z,10.0nm,0.9s		pmax	pmax		
HNS	comp=Z,1um,18.6s		LR	LR		
HNS	comp=Z,2um,20.6s		LR	LR		
HNS	comp=Z,2um,21.6s		LR	LR		
CRAG	Craig	36.09 61	P	P	11 11 10.9	+2.2
WTLY	Watson Lake, Y	36.22 53	IAMB	IAMB	11 11 36.0	
WTLY	Watson Lake, Y	36.22 53	P	P	11 11 11.1	+1.2
DLBC	Dease Lake	36.32 56	LR	LR	11 26 56.6	
H11S1	WAKE ISLAND Hy	36.44 172	T	T	11 49 47.1	
H11S3	WAKE ISLAND Hy	36.45 172	T	T	11 49 48.0	
H11S2	WAKE ISLAND Hy	36.45 172	T	T	11 49 47.9	
JMZ	Minamidaito 2	36.54 230	P	P	11 11 14.0	+1.1
BTO2	Baotou	36.62 269	eP	S	11 11 10.8	-2.9
BTO2			S	S	11 16 47.4	-4.1
BTO2	comp=Z,24nm,0.6s		pmax	pmax		
BTO2	comp=Z,270nm,5.5s		pmax	pmax		
BTO2	comp=Z,5um,14.2s		LR	LR		
BTO2	comp=Z,5um,14.7s		S	LR	LR	
BTO2	comp=Z,5um,14.7s		LR	LR		
T35M	Bob Quinn	36.84 58	P	P	11 11 18.0	+2.8
V35K	Ketchikan	36.92 61	P	P	11 11 17.7	+1.9
JOW	Kunigami	37.03 235	P	P	11 11 17.2	+0.1
SSE	Sheshan	37.14 247	P	S	11 11 18.3	+0.4
SSE			pmax	pmax	11 16 51.4	-7.9
SSE	comp=Z,13nm,1.0s		pmax	pmax		
SSE	comp=Z,160nm,3.6s		LR	LR		
SSE	comp=Z,500nm,20.6s		LR	LR		
SSE	comp=Z,570nm,21.6s		LR	LR		
TIY	Taiyuan	37.17 263	P	S	11 11 20.6	+2.4
TIY			S	S	11 17 05.5	+5.7
TIY	comp=Z,13nm,0.6s		pmax	pmax		
TIY	comp=Z,200nm,5.5s		LR	LR		
TIY	comp=Z,1um,16.5s		LR	LR		
TIY	comp=Z,2um,22.7s		LR	LR		
TIY	comp=Z,1um,29.5s		LR	LR		
WRGLY	Wrigley	37.34 46	IAMB	IAMB	11 11 52.9	
WRGLY	Wrigley	37.34 46	P	P	11 11 20.7	+1.4
DIB	Dawson Inlet,	37.49 64	IAMB	IAMB	11 11 23.5	
NJ2	Nanjing	37.66 251	eP	pP	11 11 19.9	-2.4
NJ2			pP	S	11 11 36.3	-2.8
NJ2			ScP	ScP	11 17 02.3	-4.9
NJ2			pmax	pmax	11 17 20.4	+1.0
NJ2	comp=Z,7.0nm,0.7s		pmax	pmax		
NJ2	comp=Z,170nm,3.8s		LR	LR		
NJ2	comp=Z,940nm,16.1s		LR	LR		
NJ2	comp=Z,2um,17.5s		LR	LR		
NJ2	comp=Z,1um,17.1s		LR	LR		
KNGR	Kungtutug, Tuv	37.85 291	iP	pmax	11 11 23.7	-0.3
KOTAN	Kotanelee Air	38.37 51	P	P	11 11 29.5	+1.5
TOAD	Toad River Com	38.40 53	P	P	11 11 30.0	+1.7
LYN	LuoYang	39.38 260	P	pP	11 11 33.4	-3.3
LYN			pP	P	11 11 50.1	-3.5
LYN			sP	sP	11 11 57.5	-4.1
LYN			ScP	ScP	11 17 27.8	+1.8
LYN			S	S	11 17 31.4	-1.6
LYN	comp=Z,30nm,0.6s		pmax	pmax		
LYN	comp=Z,290nm,4.3s		LR	LR		
LYN	comp=Z,3um,25.4s		LR	LR		
LYN	comp=Z,2um,20.1s		LR	LR		
LYN	comp=Z,3um,19.2s		LR	LR		
JMJ	Miyako jima 2	40.16 237	P	P	11 11 43.4	+0.1
BBB	Bela Bella	40.30 64	LR	LR	11 26 44.8	
ALE	Alert	41.10 8	P	P	11 11 50.4	-0.1
ALE	Alert	41.10 8	P	P	11 11 49.8	-0.7
YKAWA	Yellowknife Wh	41.27 44	IAMB	IAMB	11 12 06.5	-0.9
YKAWA			IAMB	IAMB	11 11 53.5	
WHN	Wuhan	41.29 254	P	P	11 11 52.4	-0.2
WHN			pP	pP	11 12 07.1	-2.5
WHN			ScP	ScP	11 13 50.4	+0.5
WHN			S	S	11 17 35.1	+1.6
WHN			ScS	ScS	11 18 04.1	+2.5
WHN			LR	LR	11 21 49.3	-0.3
WHN	comp=Z,3um,14.7s		LR	LR		
WHN	comp=Z,2um,12.4s		LR	LR		
WHN	comp=Z,4um,17.6s		LR	LR		
YKA	Yellowknife Ar	41.31 44	P	P	11 11 52.7	+0.3
YKA	comp=Z,239nm,0.5s,baz=303,slow=8.5,SNR=762		PcP	PcP	11 13 49.9	+0.5
YKA	comp=Z,21nm,0.8s,baz=308,slow=4.3,SNR=10		S	S	11 17 32.1	-1.0
YKA	comp=Z,2.4nm,0.9s,baz=305,slow=4.3,SNR=4.5		LR	LR	11 30 32.0	
YKA	comp=Z,717nm,19.5s,baz=287,slow=38		LR	LR		
YKA	comp=Z,0.2nm,0.8s,baz=170,slow=1.9,SNR=3.5		PcPKPKP	PcPKPKP	11 44 04.4	-3.2

YKA	comp=Z,29nm,0.5s	41.31 44	P	P	11 11 52.8	+0.5
RES	Yellowknife Ar	41.40 23	LR	LR	11 30 39.0	
RES	Resolve Bay	41.40 23	P	P	11 11 53.2	+0.2
RES	Resolve Bay	41.40 23	P	pmax		
YOJ	Yonaguni jima	41.57 239	P	P	11 11 55.0	+0.1
XAN	Xi'an	41.77 262	eP	P	11 11 53.3	-3.3
XAN	Zalesovo Beam	42.62 302	pP	S	11 12 07.3	-6.3
XAN			ScS	ScS	11 18 05.8	-3.0
XAN			pmax	pmax	11 21 49.8	-2.9
XAN	comp=Z,15nm,1.1s		LR	LR		
XAN	comp=Z,2um,18.3s		LR	LR		
XAN	comp=Z,3um,20.4s		LR	LR		
XAN	comp=Z,2um,22.7s		LR	LR		
YHNB	Yeheng	42.22 241	P	P	11 12 01.0	+0.7
NACB	Ninganchiao	42.52 240	P	P	11 12 00.8	-1.8
NACB	Ninganchiao	42.52 240	P	P	11 12 02.5	-0.1
ZALV	Zalesovo Beam	42.62 302	P	P	11 12 02.1	-1.0
ZALV	comp=Z,2.6nm,0.5s,baz=46,slow=6.4,SNR=9.5		PcP	PcP	11 13 54.0	0.0
ZALV	comp=Z,10.0nm,0.6s,baz=48,slow=4.1,SNR=5.5		pP	pP	11 14 11.7	
ZALV	comp=Z,21nm,0.8s,baz=38,slow=2.1,SNR=7.0		ScP	ScP	11 17 38.5	+0.1
ZALV	comp=Z,7.0nm,0.9s,baz=22,slow=4.8,SNR=5.2		LR	LR	11 31 32.8	
ZALV	comp=Z,938nm,18.9s,baz=59,slow=39		P	P	11 12 01.5	-1.6
ZALV	Zalesovo Beam	42.62 302	iP	P	11 12 02.4	-0.7
ZALV			pmax	pmax		
CBB	Campbell River	42.94 65	IAMB	IAMB	11 12 08.6	
GUMO	Guam	43.15 204	P	P	11 12 08.4	+0.6
GUMO	comp=Z,114nm,1.0s,baz=5.9,slow=16,SNR=1.6		LR	LR	11 26 27.8	
GUMO	comp=Z,334nm,21.3s,baz=24,slow=31		LR	LR		
SSLB	Suanglung	43.16 241	P	P	11 12 07.9	0.0
LZH	Lanzhou	43.25 269	eP	P	11 12 06.3	-2.4
LZH			sP	pP	11 12 29.1	+3.2
LZH			ScP	ScP	11 17 43.6	+2.2
LZH			S	S	11 18 25.4	-5.3
LZH			ScS	ScS	11 22 00.8	-1.2
LZH			pmax	pmax		
LZH	comp=Z,27nm,1.5s		LR	LR		
LZH	comp=Z,3um,14.8s		LR	LR		
LZH	comp=Z,3um,15.3s		LR	LR		
LZH	comp=Z,4um,15.1s		LR	LR		
GA2A	Gaotai	43.30 276	eP	P	11 12 06.5	-2.4
GA2A			sP	pP	11 12 30.3	+4.0
GA2A			ScP	ScP	11 17 43.5	+1.9
GA2A			S	S	11 18 25.8	-5.4
GA2A			ScS	ScS	11 21 59.1	-3.0
GA2A			pmax	pmax		
GA2A	comp=Z,10.0nm,0.9s		pmax	pmax		
GA2A	comp=Z,210nm,5.5s		LR	LR		
GA2A	comp=Z,2um,15.3s		LR	LR		
GA2A	comp=Z,2um,16.0s		LR	LR		
GA2A	comp=Z,4um,15.3s		LR	LR		
YULB	Yu-li	43.32 240	P	P	11 12 09.2	+0.1
YULB	Yu-li	43.32 240	P	P	11 12 09.0	-0.1
QZHZ	Quanzhou	43.42 244	pmax	pmax	11 12 08.0	-1.9
QZHZ	comp=Z,1.8nm,1.3s		pmax	pmax		
QZHZ	comp=Z,190nm,5.5s		LR	LR		
QZHZ	comp=Z,720nm,21.4s		LR	LR		
QZHZ	comp=Z,1um,23.3s		LR	LR		
QZHZ	comp=Z,880nm,20.8s		LR	LR		
LZDM	Lanzhou Array	43.43 269	P	P	11 12 07.8	-2.5
LZDM	comp=Z,1.0nm,0.3s,baz=70,slow=5.5,SNR=7.2		PcP	PP	11 13 57.5	+5.3
LZDM	comp=Z,9.6nm,0.5s,baz=232,slow=1.7,SNR=4.5		pP	pP	11 14 16.2	
LZDM	comp=Z,33nm,0.7s,baz=294,slow=1.5,SNR=10		ScP	ScP	11 17 41.7	-0.8
LZDM	comp=Z,3.1nm,0.5s,baz=45,slow=2.7,SNR=4.2		LR	LR	11 32 44.2	
LZDM	comp=Z,1um,19.2s,baz=55,slow=40		LR	LR		
KEKH	Kekaha	43.70 123	IAMB	IAMB	11 12 13.9	
DGZ	Jazzart, Alta	43.73 295	iP	pmax	11 12 10.6	-1.7
DGZ			pmax	pmax		
TPUB	Ta-pu	43.73 241	IAMB	IAMB	11 12 13.9	
TPUB	Nord	43.73 241	P	P	11 12 12.5	+0.1
NOR	Nord	43.83 360	P	pmax	11 12 12.7	+0.1
NOR			pmax	pmax		
NOR	comp=Z,12nm,1.4s		IAMB	IAMB	11 12 12.2	-0.4
NOR			IAMB	IAMB	11 12 14.3	
CNSH	ChangSha	43.90 253	P	P	11 12 11.8	-1.9
CNSH			S	S	11 18 36.1	-3.8
CNSH	comp=Z,940nm,14.7s		LR	LR		
CNSH	comp=Z,980nm,16.0s		LR	LR		
CNSH	comp=Z,1um,17.9s		LR	LR		
TWGBT	Beinan	43.91 240	P	P	11 12 14.1	+0.3
TWG	Pinlang	43.91 240	P	P	11 12 13.5	-0.3
ENH	Enshi	44.23 258	P	P	11 12 15.6	-0.8
ENH	Enshi	44.23 258	P	P	11 12 12.4	-4.0
LLLB	Lliloet	44.41 62	IAMB	IAMB	11 12 20.1	
KIP	Kipapa	45.01 121	P	P	11 12 24.3	+1.7
KIP	Kipapa	45.01 121	P	P	11 12 24.9	+2.3
KIP	Kipapa	45.01 121	ceP	pmax	11 12 21.5	-1.1
KIP			pmax	pmax		
KIP	comp=Z,207nm,0.8s		LR	LR		
KIP	Kipapa	45.01 121	P	P	11 12 22.6	0.0
TULEG	Thule	45.07 15	iP	IAMB	11 12 21.6	-0.9
TULEG			IAMB	IAMB	11 12 23.1	
B04A	Port Angeles	45.10 66	P	P	11 12 24.5	+1.4
B04A			IAMB	IAMB	11 12 25.4	
A04D	Lummi Island	45.12 65	IAMB	IAMB	11 12 25.6	
KBS	Kingsbay	45.30 352	P	IAMB	11 12 23.8	-0.5
KBS			IAMB	IAMB	11 12 43.4	
KBS	comp=Z,271nm,1.7s		eP	IAMB	11 12 24.5	+0.3
KBS			IAMB	IAMB	11 12 25.9	
KBS	Kingsbay	45.30 352	ceP	pmax	11 12 25.0	+0.7
KBS			pmax	pmax		
KBS	comp=Z,32nm,0.7s		iP	IAMB	11 12 24.6	+0

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like Alice Springs, Raratonga, Anoyia, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like Las Juntas de, Narrogin (SRO), Quartz Range, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like Maitube, Matube, Kasek, etc.

NNC 22 11:22:19.0,2.0,39.85N;77.26E,h0km,mb3.7,mpv3.3, Error ellipse: s-maj=14.0km s-min=13.3km az=59.0

RSPR 22 11:27:41.5, 17.91N;66.86W,h15km,MD2.5/4 NEIC 22 11:27:41.2,1.5,17.89N;0.03;66.83W,0.01,h10km,1km, s-maj=5.8km s-min=2.7km az=0.0, Error ellipse: s-maj=4.8km s-min=2.7km az=0.0, Puerto Rico region

Table with columns: Code, Station Name, Frequency, Power, Direction, and other parameters. Includes stations like Jany-Kuch, Naryn, Taragay, Kyrgyz, etc.

Table with columns: Code, Station Name, Frequency, Power, Direction, and other parameters. Includes stations like Guanica, Bosqu, Magueyes Islan, Obispado Ponce, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHIC, ROSC, CVER, UREC, SOCV, VILC, PTGC, REGR, CBOC, DBBC, SDV, ANIL, PRAC, ORTC, APAC, SJCC, URMU, YOTO, ASAR, WRA.

IDC 22 12:43:33.9, 1.4, 37.98N, 145.04E, h0km, mb3.6/6, mbmp3.6/8, ML3.3/2, MS3.4/2, Error ellipse: s-maj=34.7km s-min=24.1km az=85.0

JMA 22 12:43:39.7, 0.2, 38.1N, 0.8, 14.5E, h2km, MV4.0/29, FAR E OFF NORTH HONSHU

ISC 22 12:43:37.6, 1.1, 38.07N, 0.07, 14.476E, 0.08, h26km, n26, e196/29, mb3.5/6, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JIKH, IJFH, OFUO, OFJU, KJMT, JIO, JMK, JOM, JANG, JOT, JCH, JRY, NEM2, NEM2, MJAR, ASAJ, ASAJ, H1N2, H1N1, H1N3, ZALV, MKAR, ILAR, KURBB, WRA, ASAR, PALK.

JMA 22 12:49:27.9, 0.5, 36.0N, 1.0, 14.2E, h35km, MV3.5/26, FAR E OFF IBARAKI PREF

NIED 22 12:49:27.9, 36.00N, 141.80E, h35km, MW3.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; M2: 1.6; M3: -0.59; M4: 1.57; M5: 0.93; M6: -1.10; M7: 2.19;

Fault plane solution: Ms3.26000/10^14 NP1: 62.21, 0.0000, 322.0000; A, 104.0000, NP2: 62.26, 0.0000, 369.0000; A, 84.0000, 0.0000

IDC 22 12:49:28.8, 1.4, 36.36N, 141.52E, h0km, mb3.7/8, mbmp3.7/10, ML3.3/2, MS2.8/3, Error ellipse: s-maj=36.0km s-min=19.8km az=66.0

ISC 22 12:49:30.8, 1.3, 36.04N, 0.06, 141.6E, 0.1, h26km, n25, e217/21, mb3.7/7, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JHYU, JHYU, JHYU, JHU, JHO, JHT, JSM, ISOC, JAG, MJAR, MJAR, MJAR, JHU, JHY, ASAJ, KSR5, HILR, H1N2.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H1N1, H1N3, H1S1, H1S3, H1S2, SONM, ZALV, MKAR, KURBB, BVAR, WRA, ASAR, SFUD.

IGQ 22 13:08:03.7, 0.2, 4.5, 2.2, 8.0W, h34km, gkm, M3.7/19, Mjms3.6/19, ML3.9/19, MLV3.5/19, Ms(BB)/3.7/10, 5C-5D, Code Station Name Az Az' Phase ID

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARNL, ARNL, ACH2, ACH2, PCRA, PCRA, ALJ1, ALJ1, GONZ, AMCR, AMCR, MCRA, MCRA, ISPP, ISPP, MOPR, MOPR, BOSC, BOSC, ZUMB, ZUMB, MILO, MILO, SALI, SALI, TAMH, TAMH, CHSH, CHSH, PORT, PORT, BMAS, BMAS, BPAT, BPAT, ISPT, ISPT, VCES, VCES, SLOR, SLOR, BTAM, BTAM, BV2C, BV2C, ANTI, ANTI, TOZZ, TOZZ, JUA2, JUA2, GGPC, GGPC, TERV, TERV, PINO, PINO, YANA, YANA, PACI, PACI, ECEN, ECEN.

MOS 22 13:09:07.9, 0.8, 51.23N, 179.75W, h47km, mb4.6/26, Error ellipse: s-maj=11.0km s-min=7.2km az=108.0

AEIC 22 13:09:07.3, 1.6, 50.98N, 0.07, 179.85W, 0.06, h27km, 5km, Error ellipse: s-maj=10.7km s-min=5.7km az=186.0

NEIC 22 13:09:09.4, 1.6, 51.16N, 0.09, 179.87W, 0.04, h35km, 2km, mb4.2/23, ML4.5/12, ML4.0(AEIC), Error ellipse: s-maj=15.0km s-min=7.7km az=2.0

IDC 22 13:09:10.8, 2.5, 51.24N, 179.74W, h60km, mb3.9/25, mbmp4.1/30, ML4.5/3, MS3.6/24, Error ellipse: s-maj=20.6km s-min=9.8km az=174.0

ISC 22 13:09:08.0, 5.1, 51.09N, 0.07, 179.83W, 0.03, h39km, n429, e099/415, mb4.4/73, MS3.8/24, 133.5D, Andreanof Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AMKA, AMKA, GAKI, GAKI, CESW, CESW, GASP, GASP, CEPE, CEPE, GALAA, GALAA, GEAR, GEAR, CANF, CANF, LSSE, LSSE, LSPA, LSPA, TASE, TASE, TANO, TANO, LSNW, LSNW, TAPL, TAPL, KIKV, KIKV, KIKV, KIKV, KIWB, KIWB, KIWBI, KIWBI.

ADK Adak 2.12 67 S Pn 13 09 41.8 +0.2

ADK Adak 2.12 67 S Pn 13 09 41.9 +0.3

ADK Adak 2.12 67 S Pn 13 10 11.1 +4.4

ADK Adak 2.12 67 P Pn 13 09 41.8 +0.2

ADK Adak 2.12 67 P Pn 13 10 09.2

ADAG Mount Adagadag 2.20 65 Pn 13 09 43.9 +1.1

ETKA Kagalaska Isla 2.28 69 Pn 13 09 44.9 +1.1

GSSP Great Sitkin S 2.49 65 Pn 13 09 48.1 +1.4

GSTD Great Sitkin T 2.50 66 Pn 13 09 47.8 +1.0

GSMY Great Sitkin M 2.54 66 Pn 13 09 47.9 +0.5

GSTR Great Sitkin T 2.56 65 Pn 13 09 37.2 +0.5

GSTR Great Sitkin T 2.56 65 Pn 13 09 38.0 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like P08K, SP1A, SP1A, UNV, UNV, FALS, FALS, M11K, SDDT, CHNA, CHNA, M13K, O14K, GAMB, N14K, K13K, M14K, PETK, PETK, L14K, O15K, N15K, M15K, R16K, J14K, J14K, L15K, P16K, P16K, O16K, K15K, N16K, R17L, CHIR, CHIR, M16K, M16K, Q16K, L16K, O17K, ANM, ANM, P17K, TNA, N17K, J16K, F14K, SII, M17K, L17K, G15K, P18K, P18K, I17K, I17K, O18K, H16K, N18K, K17K, J17K, F15K, F15K, OHAK, OHAK, M18K, Q19K, O19K, G16K, N19K, KDAK, KDAK, KDAK, KDAK, P19K, H17K, H17K, J18K, G17K, L19K, H18K, F17K, HOM, M20K, M20K, GCSA, J19K.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like J19K, J19K, SPCR, BILL, BILL, BILL, SPU, G16K, E17K, K20K, BRSE, F18K, D17K, MA2, MA2, C16K, C16K, H19K, J20K, J20K, SKT, RDOG, E18K, PPLA, PPLA, G19K, SUA, SUA, I20K, SEY, SEY, SEY, C17K, SEW, F19K, H20K, CHUM, M22K, KUT, C18K, PMR, E19K, GHO, GRO, BPAW, F20K, F20K, F20K, KNK, H21K, I21K, P23K, SML, G21K, D19K, WAT1, M23K, C19K, GLI, RND, RND, MCK, MCK, SCM, E20K, H22K, WAT2, F21K, D20K, NEA2, NEA2, DHY, A19K, I23K, EYAK, G22K, KLU, M24K, E21K, COLA, COLA, G23K, G23K, G23K, C21K, HDA.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like B20K, BMRM, POKR, HARP, COLD, PAX, E22K, ILAR, N25K, H24K, K24K, B21K, D22K, RIDG, J25K, CRQE, G24K, MCARA, D23K, PRP, F24K, SCRK, L26K, M26K, TOLK, E24K, B22K, A21K, MESA, A22K, J26L, C23K, C23K, C23K, M27K, CTG, D24K, TYV, TYV, TYV, L27K, L27K, L27K, F25K, C24K, PINM, BVCY, E25K, YUK3, O28M, F26K, F26K, YUK8, I27K, H27K, O29M, G27K, YUK4, YSS, DAWY, YUK6, I28M, M29M, C26K, C27K, L29M, HYT, E27K, N30M, I29M, K29M, K29M, F28M, M30M, H29M, S31K, G30M, O29N, E28M, N31M, ASAJ, J30M.

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like J30M, I30M, EPYK, SIT, WHY, E29M, E29M, E29M, R32K, G30M, M31M, S32K, P32M, F30M, H31M, N32M, G31M, P33M, F31M, Q32M, CRAG, INK, WRAR, R33M, S34M, V35K, YAK, YAK, YAK, YAK, T35M, TIXI, TIXI, TIXI, KLR, KLR, C36M, A36M, ZEA, ZEA, WRGLY, KOTAN, USRK, MJAR, BNX, BNX, YKA, YKA, YKA, HILR, KSR5, KSR5, YBH, XLT, XLT, XLT, NVAR, NVAR, ELK, BJ12, BJ12, ULN, ULN, SONM, SONM, SONM, TPNV, TPNV, TPNV, TIA, TIA, PDAR, HHC, HHC, HHC, HNS, HNS, P18A, P18A, U15A, PV10, ULM, SPITS, ZALV, ZALV, ANMO, ANMO, ANMO, LZH.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include RUF Ruokolahiti, RUF Sumiainen, SUF Sumiainen, VAF Ylistaro, HEMU Hemsoen, HFS Hagfors, HFS, NOA NORSAR Array B, NOA, ARCES ARCES Array B, ARCES.

IDC 22 13:34:23.40.6, 1.88N, 126.41E, h0km, mb3.4/19, mbtmp4.3/20, ML4.0/1, MS3.6/2, Error ellipse: s-maj=34.8km s-min=12.2km az=72.0
NEIC 22 13:34:25.2.1.8, 1.95N, 0.00E, 126.59E, 0.07, h10km, 1km, mb4.5/24, Error ellipse: s-maj=15.6km s-min=10.1km az=37.0
DJA 22 13:34:29.5.0.3, 2.1N, 3.12E, h43km, 8km, M4.3/13, mb4.5/12, mb3.7/5, ML4.4/13, MW3.0/4.0/5
ISC 22 13:34:25.4.0.6, 1.90N, 0.00E, 126.61E, 0.08, h10km, n80, r140/56, mb4.4/33, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include TNTI Ternate, SGTI Sangihe, SNI Sanana, LUWI Luwuk, MRSI Marisa, NLAI Namlea, KRAI Karang Ratu, APSI Ampana, TOLIZ Tolitoli, MPFI Mapaga, BNDI Bandanaira, PCI Palu, FAKI Fak Fak, TTSI Tana Toraja, SPSI Sidrap Palu, KAPI Kappang, BSSI Bau Bau, KKM Kota Kinabalu, EDFI Ende, Fiores, SBUM Sibiu, JAGI Jagaj, FITZ Fitzroy Crossi, LEM Lembang, BBUI Bungbuliang, TPUB T'pu-bu, COEN Coen, WRAB Tennant Creek, WRA Warramunga Arr, MBWA Marble Bar, PSAO Pilbara Seismi, KULM Kulim, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Chien Mai Arr, MORW Morawa, INKA Inaminka, FORT Forrest, PZH PanZhiHua, INU Inuyama, JGF Kuroka, KRSR Korea Array, BTKO Buckleboe, SBAA Stephens Creek, LZH Lanzhou, H11S3 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, MDJ Mudanjiang, XLT XiLinHaoTe, LSA Lhasa, LSA Lhasa, LSA Lhasa, HILR Hailar Array B, HEH Heihe, SONM Songino Array.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SONM Songino Array, PETK Petropavlovsk, MKAR Makanchi Array, BKZ Black Stump, ZALV Zalesovo Farm, GAR Garm, KURBB Kurchatov Arra, KURK Kurchatov, BVAR Borovoye Arr, BORK Borovoye, NRRIK Noril'sk, NRRIK Noril'sk, NRRIK Noril'sk, AB31 Akbulak Arr, AKTO Aktyubinsk, VVDA Vanda, ILAR Eielson Arr, BRTR Keskin Arr, SPITS Spitsbergen Arr, AKASE Malin Arr, MBAR Mbarara, TORD Torodi Arr, PLCA Paso Flores, IDC 22 13:40:27.8.1.3, 3.51N, 140.127E, h42km, mb3.5/4, mbtmp3.6/6, ML2.9/2, Error ellipse: s-maj=26.3km s-min=19.1km az=83.0
NIED 22 13:40:33.7.35, 99N, 140.27E, h42km, MW3.5, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; M1: -1.27; M2: 0.55; M3: 0.72; M4: 1.19; M5: 0.10; M6: 1.21; Fault plane solution: Mo: 1.97000e+10^14 NPT: 0.33, 0.00000e+0, 0.99, 0.00000e+0. NP2: 0.223, 0.00000e+0, 0.75, 0.00000e+0, 1.87, 0.00000e+0
JMA 22 13:40:33.7.0.1, 3.61N, 0.03E, 140.33E, 0.4, h42km, 1km, SOUTHERN IBARAKI PREF
JMA Feil J1 at SOUTHERN IBARAKI PREF
ISC 22 13:40:33.8.0.9, 35.38N, 0.05E, 140.26E, 0.06, h43km, 8km, n13, r089/21, mb3.6/4, 10D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JIHU Itakohorinouch, JAGI Yato, JYT Yasato, JSMT Samnumatsuo, JSMT Ashikaga, JAGI Ryogaki san, JRY Katsushina, JKT Matushiro Arr, MJAR, MJAR, MJAR, JHJ Hachioji jima 2, JHJ, ASAJ Ashikawa, MKAR Makanchi Array, KURBB Kurchatov Arr, ILAR Eielson Arr, WRA Warramunga Arr, JAGI Ashikaga.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, WRA Warramunga Arr, ASAJ Ashikawa, MKAR Makanchi Array, KURBB Kurchatov Arr, ILAR Eielson Arr, WRA Warramunga Arr, IDC 22 13:42:40.4.1.9, 2.07N, 126.43E, h0km, mb3.3/4, mbtmp3.3/4, MS3.1/1, Error ellipse: s-maj=189.1km s-min=21.7km az=66.0, Northern Molucca Sea
WRA Warramunga Arr, ASAR Alice Springs, PETK Petropavlovsk, MKAR Makanchi Array, KURBB Kurchatov Arr, WRA Warramunga Arr, IDC 22 13:43:19.5.1.2, 3.51N, 140.26E, h0km, mb3.4/5, mbtmp3.5/7, ML3.2/2, Error ellipse: s-maj=25.3km s-min=16.8km az=83.0
NIED 22 13:43:25.1.35, 99N, 140.26E, h41km, MW3.5, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; M1: -1.68; M2: 1.87; M3: -0.20; M4: 0.78; M5: -0.02; M6: 1.05; Fault plane solution: Mo: 2.20000e+10^14 NPT: 0.13, 0.00000e+0, 0.38, 0.00000e+0, -0.49, 0.00000e+0, NP2: 0.245, 0.00000e+0, 0.62, 0.00000e+0, 1.17, 0.00000e+0
JMA 22 13:43:25.1.0.1, 3.61N, 0.03E, 140.33E, 0.4, h41km, 1km, SOUTHERN IBARAKI PREF
JMA Feil J1 at SOUTHERN IBARAKI PREF
ISC 22 13:43:24.2.1.4, 35.34N, 0.04E, 140.20E, 0.05, h29km, 12km, n19, r138/25, mb3.5/5, 5D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, PETK Petropavlovsk, MKAR Makanchi Array, KURBB Kurchatov Arr, WRA Warramunga Arr, IDC 22 13:49:55.0.0.6, 1.158N, 143.07E, h0km, mb4.4/22, mbtmp4.3/23, ML4.1/1, MS3.9/1, Error ellipse: s-maj=18.7km s-min=13.3km az=89.0
NEIC 22 13:49:57.0.9, 1.158N, 0.09E, 143.07E, 0.1, h10km, 1km, mb4.7/51, Error ellipse: s-maj=18.9km s-min=14.8km az=266.0
ISC 22 13:50:00.0.0.5, 1.157N, 0.07E, 143.03E, 0.08, h32km, n102, Honshu
JIHU Itakohorinouch, JIHU, JYT Yasato, JSMT Samnumatsuo, JAGI Ashikaga.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JAG Ryogaki san, JRY Ryogaki san, JKT Katsushina, MJAR Matushiro Arr, MAJO Matushiro, JGF Sagara, INU Inuyama, JHJ Hachioji jima 2, JHJ, JHJ2 Mitsune, ASAJ Asahikawa, MKAR Makanchi Array, KURBB Kurchatov Arr, ILAR Eielson Arr, WRA Warramunga Arr, ASAR Alice Springs.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, IDC 22 13:44:49.8.1.6, 5.14S, 146.98E, h0km, mb3.8/4, mbtmp3.7/7, ML3.4/2, Error ellipse: s-maj=42.1km s-min=22.6km az=99.0
ISC 22 13:44:55.1.1.4, 5.15S, 0.1E, 146.98E, 0.3, h35km, n7, r1960/8, mb3.9/4, Eastern New Guinea region
Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PMG Port Moresby, CTA Charters Tower, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, CMAR Chiang Mai Arr, ILAR Eielson Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GBPR Guanica, Bosqu, GBPR Guanica, Bosqu, MLPR Magueyes Islan, MLPR, OBIP Obispado Ponce, OBIP Obispado Ponce, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CELP Cerrillos, CELP, LSP Las Mesas, LSP Las Mesas, UUPR Utuado, UPR, PR, PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, ECPR Experimental S, ECPR, ECPR Experimental S, ECPR Experimental S, SJG San Juan, SJG San Juan, AGPR Aguadilla, PR, AGPR, AGPR Aguadilla, PR, EMPP Esperanza - Ma, EMPP Esperanza - Ma, EMPP Esperanza - Ma, EMPP Esperanza - Ma, IDE Isla Desecheo, IDE Isla Desecheo, GCPR Guaynabo City, GCPR Guaynabo City, GCPR Guaynabo City, HUMP Col San Antoni, HUMP Col San Antoni, HUMP Col San Antoni, HUMP Loma Pena Alta.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, ASAR Alice Springs, PETK Petropavlovsk, MKAR Makanchi Array, KURBB Kurchatov Arr, WRA Warramunga Arr, IDC 22 13:49:55.0.0.6, 1.158N, 143.07E, h0km, mb4.4/22, mbtmp4.3/23, ML4.1/1, MS3.9/1, Error ellipse: s-maj=18.7km s-min=13.3km az=89.0
NEIC 22 13:49:57.0.9, 1.158N, 0.09E, 143.07E, 0.1, h10km, 1km, mb4.7/51, Error ellipse: s-maj=18.9km s-min=14.8km az=266.0
ISC 22 13:50:00.0.0.5, 1.157N, 0.07E, 143.03E, 0.08, h32km, n102, Honshu
JIHU Itakohorinouch, JIHU, JYT Yasato, JSMT Samnumatsuo, JAGI Ashikaga.

M27K	comp=E,1um,1.2s	IAML	14 11 21.7	S31K	Pelican	3.56 130	Pn	14 11 04.2 -1.2	BRSE	Bradley Lake S	4.75 267	Pn	14 11 22.1 +0.4		
M27K	Edge Creek, AK baz=173,SNR=700	P	Pb	14 10 45.6 -1.5	S31K	comp=N,277nm,0.9s	IAML	14 12 17.6	BRSE	Bradley Lake S	4.75 267	P	14 11 21.1 -0.6		
M27K	baz=173	S	Sb	14 11 12.4 0.0	S31K	comp=E,274nm,1.1s	IAML	14 12 29.4	CUT	Chulitna	4.76 299	P	14 11 22.5 +0.7		
BVCY	Beaver Creek	2.08	6	Pb	14 10 46.5 -1.4	S31K	Pelican	3.56 130	Pn	14 11 04.0 -1.4	Q32M	Nakina River	4.81 103	Pn	14 11 22.0 -0.8
BVCY	Beaver Creek	2.08	6	Pn	14 10 46.9 -1.0	KNK	Knik Glacier	3.63 290	P	14 11 06.7 +0.3	Q32M	Nakina River	4.81 103	Pn	14 11 21.9 -0.8
BVCY	Beaver Creek	2.08	6	Pn	14 11 12.4 -1.4	KNK	Knik Glacier	3.63 290	Pn	14 11 06.4 0.0	Q32M	Nakina River	4.81 103	Pn	14 11 21.8 -1.0
BVCY	Beaver Creek baz=187,SNR=1000	S	Sg	14 11 14.7 -2.2	SML	Sawmill	3.69 296	P	14 11 07.3 0.0	BRLK	Bradley Lake	4.82 267	Pn	14 11 23.1 +0.5	
BVCY	baz=187	S	Sg	14 11 14.7 -2.2	SML	Sawmill	3.69 296	P	14 11 07.5 +0.3	HDA	Harding Lake	4.83 330	IAML	14 12 55.8	
EYAK	Cordova Ski Ar	2.19 277	Pn	Pn	14 10 45.6 -0.9	K27K	Chicken	3.70 355	Pn	14 11 08.4 +1.0	HDA	comp=E,162nm,1.1s	IAML	14 12 56.1	
EYAK	Cordova Ski Ar	2.19 277	P	Pn	14 10 46.0 0.0	K27K	Chicken	3.70 355	IAML	14 11 57.0	HDA	comp=N,120nm,1.4s	IAML	14 12 56.4	
EYAK	Cordova Ski Ar	2.19 277	P	Pb	14 10 46.4 -0.1	BESE	comp=N,353nm,0.8s	IAML	14 12 10.4	HDA	Harding Lake	4.83 330	Pn	14 11 24.4 +1.6	
EYAK	baz=93,SNR=80	S	Sb	14 11 15.3 -1.6	BESE	comp=E,388nm,0.9s	IAML	14 12 11.3	J30M	Hart River	4.83 27	IAML	14 11 25.0 +2.1		
M26K	Nabesna, AK	2.20 340	IAML	14 10 47.4 -2.6	BESE	Bessie Mountain	3.76 115	IAML	14 12 11.3	J30M	Hart River	4.83 27	IAML	14 12 46.5	
M26K	comp=E,2um,0.9s	IAML	14 11 25.1	BESE	comp=N,400nm,1.9s	IAML	14 12 20.4	J30M	Hart River	4.83 27	Pn	Pn	14 11 24.9 +2.1		
M26K	comp=N,2um,0.7s	2.20 340	P	Pb	14 10 48.3 -1.7	BESE	comp=E,374nm,1.3s	IAML	14 11 08.1 -0.1	J30M	Hart River	4.83 27	Pn	14 12 19.0 +0.1	
M26K	baz=158	S	Sg	14 11 18.4 -2.3	RIDG	Independent Rl	3.77 336	IAML	14 11 10.0 +1.7	J30M	Hart River	4.83 27	Pn	14 11 25.1 +2.1	
P30M	Million Dollar	2.20 94	Pn	14 10 46.6 -0.2	RIDG	comp=N,277nm,1.2s	IAML	14 12 26.8	J30M	Hart River	4.83 27	Pn	14 12 19.0 +0.1		
P30M	Million Dollar	2.20 94	Pn	14 11 23.1	RIDG	Independent Rl	3.77 336	P	14 11 09.6 +1.3	J30M	Hart River	4.83 27	Pn	14 11 25.0 +2.1	
P30M	Million Dollar	2.20 94	Pn	14 10 47.2 +0.5	WAT6	Susitna Watana	3.79 309	Pn	14 11 08.8 +0.1	CAPN	Capin Cook N	4.86 279	P	14 11 23.9 +0.8	
P30M	Million Dollar	2.20 94	Pn	14 10 45.0 -2.3	WAT6	Susitna Watana	3.79 309	P	14 11 09.2 +0.5	MCK	McKinley	4.92 317	P	14 11 25.4 +1.3	
P30M	Million Dollar	2.20 94	Pn	14 10 46.9 +0.2	WAT6	Susitna Watana	3.79 309	Pn	14 11 08.8 +0.1	CNPM	China Pool	5.12 332	Pn	14 11 26.7 0.0	
DIV	Divide	2.31 292	IAML	14 10 48.8 +0.6	DAWY	Dawson	3.83 13	Pn	14 11 10.8 +1.6	ILAR	Eielson Array	5.12 332	Pn	14 11 27.2 +0.5	
DIV	Divide	2.31 292	IAML	14 11 23.9	DAWY	Dawson	3.83 13	Pn	14 11 10.7 +1.6	ILAR	comp=N,1.7nm,0.3s,baz=153,slow=13,SNR=106	5.12 332	Pn	14 12 27.4 +1.6	
DIV	Divide	2.31 292	Pn	14 11 25.5	DAWY	Dawson	3.83 13	Pn	14 12 09.5 -3.6	ILAR	comp=N,2.0nm,0.3s,baz=142,slow=20,SNR=7.9	5.12 332	Pn	14 12 52.7	
DIV	Divide	2.31 292	Pn	14 10 48.3 +0.1	DAWY	Dawson	3.83 13	Pn	14 11 11.1 +1.9	ILAR	comp=N,3.51nm,19.2s,baz=120,slow=42	5.12 332	Pn	14 13 44.7	
DIV	Divide	2.31 292	Pn	14 11 18.7 -1.7	M31M	Drury Creek, Y	3.83 58	Pn	14 12 10.2 +1.0	ILAR	Eielson Array	5.12 332	Pn	14 11 26.7 -0.1	
N30M	Aishikik Lake	2.36 60	IAML	14 10 49.2 +0.3	M31M	Drury Creek, Y	3.83 58	Pn	14 12 16.4	I28M	Miner Creek	5.15 7	Pn	14 11 29.0 +1.7	
N30M	comp=E,752nm,1.1s	IAML	14 11 29.9	M31M	comp=N,339nm,1.0s	IAML	14 12 18.9	14 12 18.9	I28M	Miner Creek	5.15 7	Pn	14 11 29.2 +1.9		
N30M	comp=N,1um,0.8s	2.36 60	Pn	Pb	14 10 49.3 +0.4	M31M	Drury Creek, Y	3.83 58	Pn	14 11 10.1 +1.0	I28M	Miner Creek	5.15 7	Pn	14 11 28.5 +1.7
N30M	Aishikik Lake	2.36 60	Pn	Pb	14 11 19.9 -1.9	M31M	Drury Creek, Y	3.83 58	Pn	14 11 55.5 +1.3	WRH	Wood River Hill	5.18 326	Pn	14 11 28.9 +0.9
N30M	Aishikik Lake	2.36 60	Pn	Pb	14 10 49.6 +0.7	M31M	Drury Creek, Y	3.83 58	Pn	14 12 09.2 -3.9	WRH	Wood River Hill	5.18 326	IAML	14 13 01.4
KLU	Klutina	2.51 299	Pn	Pn	14 10 51.2 +0.2	M31M	Drury Creek, Y	3.83 58	Pn	14 11 10.1 +1.0	SKT	Skwentna	5.19 293	Pn	14 11 29.0 +1.2
KLU	Klutina	2.51 299	P	Pn	14 10 51.1 +0.1	M31M	Drury Creek, Y	3.83 58	Pn	14 11 10.3 +1.0	I29M	Ogilvie Camp	5.21 14	Pn	14 11 29.8 +1.8
M29M	Somme Creek	2.51 32	Pn	Pn	14 10 52.0 +1.0	M31M	Drury Creek, Y	3.83 58	Pn	14 11 10.0 +0.7	I29M	Ogilvie Camp	5.21 14	Pn	14 11 29.7 -0.4
M29M	Somme Creek	2.51 32	Pn	Pn	14 10 52.6 -2.8	M31M	Drury Creek, Y	3.83 58	Pn	14 11 10.3 +1.0	HOM	Home	5.21 267	Pn	14 11 28.9 +0.5
M29M	Somme Creek	2.51 32	Pn	Pn	14 10 52.7 -2.6	M31M	Drury Creek, Y	3.83 58	Pn	14 11 09.5 -0.7	TRF	Thorofore Moun	5.24 310	IAML	14 11 29.2 +0.6
M29M	Somme Creek	2.51 32	Pn	Pn	14 10 52.7 -2.6	M31M	Drury Creek, Y	3.83 58	Pn	14 11 12.6 +2.0	TRF	Thorofore Moun	5.24 310	IAML	14 13 02.8
HIN	Hinchinbrook I	2.56 273	Pn	Pn	14 10 50.7 -0.9	K29M	Barlow Dome	3.94 26	IAML	14 11 12.8 +2.1	TRF	Thorofore Moun	5.24 310	P	14 11 29.7 +1.0
HIN	Hinchinbrook I	2.56 273	Pn	Pn	14 11 42.8	K29M	Barlow Dome	3.94 26	IAML	14 12 28.3	I27K	Kandik River	5.27 359	Pn	14 11 30.8 +1.9
HIN	comp=E,1um,0.9s	IAML	14 11 43.1	K29M	comp=N,232nm,0.8s	IAML	14 11 43.1	14 11 43.1	I27K	Kandik River	5.27 359	P	14 11 30.9 +2.1		
HIN	comp=N,929nm,0.9s	IAML	14 11 43.1	K29M	Barlow Dome	3.94 26	Pn	14 11 12.6 +2.0	R33M	Jennings River	5.32 96	Pn	14 11 28.9 -0.7		
FID	Port Fidalgo	2.57 281	IAML	14 10 51.6 -0.1	K29M	Barlow Dome	3.94 26	Pn	14 11 57.7 +0.9	R33M	Jennings River	5.32 96	IAML	14 13 03.1	
FID	Port Fidalgo	2.57 281	IAML	14 11 35.1	K29M	Barlow Dome	3.94 26	Pn	14 11 12.6 +2.0	R33M	Jennings River	5.32 96	Pn	14 11 28.8 -0.8	
FID	comp=N,918nm,0.8s	IAML	14 11 36.0	K29M	Barlow Dome	3.94 26	Pn	14 11 12.6 +2.0	R33M	Jennings River	5.32 96	Pn	14 11 28.9 -0.7		
FID	comp=E,665nm,0.6s	IAML	14 11 36.0	K29M	Barlow Dome	3.94 26	Pn	14 11 12.6 +2.0	R33M	Jennings River	5.32 96	Pn	14 11 28.8 -0.8		
O30N	Mendenhall	2.63 79	IAML	14 10 52.9 +0.3	GHO	Glory Hole Cre	3.95 294	Pn	14 11 12.4 +0.4	I30M	Mount Dempster	5.39 23	IAML	14 11 32.4 +1.9	
O30N	comp=N,603nm,1.8s	IAML	14 11 43.8	DHY	Denali Highway	3.96 316	IAML	14 12 16.0	I30M	Mount Dempster	5.39 23	IAML	14 13 08.3		
O30N	Mendenhall	2.63 79	Pn	Pn	14 10 52.9 +0.3	DHY	Denali Highway	3.96 316	IAML	14 12 26.7	I30M	Mount Dempster	5.39 23	Pn	14 11 32.9 +2.3
O30N	Mendenhall	2.63 79	Pn	Pn	14 11 26.2 +1.7	DHY	Denali Highway	3.96 316	P	14 11 12.1 +1.1	I30M	Mount Dempster	5.39 23	Pn	14 12 30.3 -2.4
O30N	Mendenhall	2.63 79	Pn	Pn	14 10 53.0 +0.3	DHY	Denali Highway	3.96 316	Pn	14 11 12.3 +1.1	I30M	Mount Dempster	5.39 23	Pn	14 11 32.5 +2.0
Q23K	Middleton Isla	2.69 252	P	Pn	14 10 52.4 -0.9	PMR	Palmer	3.99 291	P	14 11 11.6 +0.4	COLA	College	5.44 329	Pn	14 11 29.9 -1.1
L27K	Beaver Creek,	2.73 355	IAML	14 10 54.9 +1.0	PMR	Palmer	3.99 291	P	14 11 11.6 +0.4	COLA	College	5.44 329	Pn	14 11 32.6 +1.5	
L27K	Beaver Creek,	2.73 355	Pn	Pn	14 11 37.0	K24K	Donnelly Dome	4.04 331	IAML	14 11 13.1 +1.1	COLA	College	5.44 329	Pn	14 11 32.1 +1.0
L27K	Beaver Creek,	2.73 355	Pn	Pn	14 10 55.3 +1.4	K24K	Donnelly Dome	4.04 331	IAML	14 12 25.8	COLA	College	5.44 329	Pn	14 11 33.2 +2.2
L27K	Beaver Creek,	2.73 355	Pn	Pn	14 11 29.4 -3.0	K24K	Donnelly Dome	4.04 331	IAML	14 12 37.2	IS3US	FAIRBANKS INFR	5.44 329	I	14 48 40.0
L27K	Beaver Creek,	2.73 355	Pn	Pn	14 10 55.3 +1.4	K24K	Donnelly Dome	4.04 331	P	14 11 13.9 +2.0	PRP	Porcupine Dome	5.52 342	Pn	14 11 33.7 +1.4
BCAR	Beaver Creek A	2.73 356	P	Pn	14 10 55.1 +1.2	K24K	Donnelly Dome	4.04 331	Pn	14 11 10.5 -1.5	PRP	Porcupine Dome	5.52 342	Pn	14 11 33.8 +1.4
HARP	HARP	2.75 320	P	Pn	14 10 55.7 -3.6	SEW	Seward	4.05 270	Pn	14 11 10.9 -1.1	POKR	Poker Plat Res	5.54 332	Pn	14 11 33.3 +0.8
MENT	Mentasta	2.83 337	IAML	14 10 52.7 -3.4	SEW	Seward	4.05 270	Pn	14 11 10.9 -1.1	POKR	Poker Plat Res	5.54 332	Pn	14 11 33.3 +0.8	
MENT	Mentasta	2.83 337	IAML	14 11 40.1	R32K	Eaglecrest	4.07 118	IAML	14 11 11.4 -1.0	KTH	Kantishna Hill	5.54 310	Pn	14 11 33.5 +1.0	
MENT	comp=E,662nm,0.7s	IAML	14 12 02.2	R32K	Eaglecrest	4.07 118	IAML	14 12 24.3	NEA2	Nenana	5.56 323	Pn	14 11 32.9 +0.2		
MENT	comp=N,737nm,1.4s	IAML	14 12 02.2	R32K	Eaglecrest	4.07 118	Pn	14 11 11.7 -0.7	NEA2	Nenana	5.56 323	Pn	14 11 33.5 +0.8		
MENT	Mentasta	2.83 337	P	Pb	14 10 57.8 -2.9	R32K	Eaglecrest	4.07 118	Pn	14 11 12.3 -0.9	PPLA	Purkeypile	5.76 301	Pn	14 11 36.0 +0.3
MENT	Mentasta	2.83 337	S	Sb	14 11 35.8 +0.5	JIS	Juneau Island	4.13 117	Pn	14 11 12.3 -0.7	S34M	Telegraph Cree	5.80 111	Pn	14 11 35.3 -0.8
L26K	Log Cabin Wild	2.84 341	Pb	Pb	14 10 57.2 -3.7	JIS	Juneau Island	4.13 117	Pn	14 11 12.3 -0.7	S34M	Telegraph Cree	5.80 111	Pn	14 11 35.6 -0.5
L26K	Log Cabin Wild	2.84 341	Pb	Pb	14 10 57.3 -3.7	N32M	Quiet Lake	4.13 75	Pn	14 11 13.8 +0.3	S34M	Telegraph Cree	5.80 111	Pn	14 11 35.8 -0.3
GLI	Glacier Island	2.88 283	IAML	14 10 55.8 -0.2	N32M	Quiet Lake	4.13 75	Pn	14 11 13.3 0.0	S34M	Telegraph Cree	5.80 111	Pn	14 11 35.3 -0.3	
GLI	Glacier Island	2.88 283	IAML	14 11 47.0	N32M	Quiet Lake	4.13 75	Pn	1						

22d 14h

2020 JAN

1468

Table with columns: Call Sign, Name, Frequency, Mode, Power, and Position. Includes stations like N19K Bonanza Creek, CRAG Craig, T35M Bob Quinn, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and Position. Includes stations like KOTAN Kotaneleele Air, N16K Nishik Lake, INK Inuvik, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and Position. Includes stations like YKA comp=N,0.2nm,0.3s, YKA comp=N,0.1nm,0.3s, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like MKAR Makanchi Array, MKAR Gaotai, MORC Moravsky Berou, etc.

IDC 22 14:10:56.7±1.8, 34°18'N; 142°31'E, h0km, mb3.5/2, mbtmp3.6/5, ML3.5/2, Error ellipse: s-maj=32.8km s-min=24.2km az=67.0

JMA 22 14:10:59.4±1.7, 34°09'N; 142°26'E±0.08, h19km±4km, n18, ±1911/27, Off east coast of Honshu

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like BSO1 Boso 1, BSO3 Boso 3, BSO4 Boso 4, etc.

SJA 22 14:23:48.2±0.8, 31°31'S; 68°30'W, h110km±2km, ML3.4, MW3.5, San Juan Province

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like ZON Zonda, RTLL Cerro Villicun, SJA San Juan, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like RTLS Leoncito, ACCO Cerro Coronel, ACV Cuesta del Vie, etc.

NEIC 22 14:23:56.6±0.8, 17°75'N; 102°66'85'W±0.01, h10km±2km, ML2.8/3, M2.8/3(9/RSRP), Error ellipse: s-maj=4.0km

RSRP 22 14:23:58.0, 17°82'N; 66°85'W, h8km, km, MD2.8/B

OSPL 22 14:23:58.3±0.6, 17°82'N; 66°87'W, h16km±7km, ML2.3, Presumed earthquake

ISC 22 14:23:57.1±1.5, 17°80'N; 107°66'85'W±0.02, h18km±6km, n38, ±08/57, 2C-6D, Puerto Rico region

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like GBPR Guanica, BO01 Tunca, AC04 Llanos de Chal, etc.

CRPR Cabo Rojo, PR 0.32 310

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like CRPR Cabo Rojo, PR, OBIP Obispado Ponce, etc.

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like PRSN Puerto Rico Se, PRSN Puerto Rico Se, PRSN Puerto Rico Se, etc.

NEIC 22 14:32:42.6±1.8, 23°95'N; 102°122'72'E±0.04, h20km±4km, mb4.6/35, Error ellipse: s-maj=6.5km s-min=4.9km az=146.0

TAP 22 14:32:44.6, 23°98'N; 122°69'E, h42km, ML4.8, C

JMA 22 14:32:44.4±0.1, 24°0'N; 122°72'E±0.5, h39km, MD4.6/17, MW4.5/17, NIV OFF ISHIGAKIJIMA IS

JMA FcH1 J17 at NW OFF ISHIGAKIJIMA IS

IDC 22 14:32:45.6±2.5, 24°20'N; 122°84'E±45km±24km, mb3.8/22, mbtmp4.1/23, ML4.4/1, MS3.5/12, Error ellipse: s-maj=16.7km s-min=14.4km az=55.0

ISC 22 14:32:43.1±1.0, 23°93'N; 102°122'71'E±0.02, h32km±7km, n261, ±1928/387, mb4.3/40, MS3.5/11, 2D, Taiwan region

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes stations like E0S4 EOS4, E0S3 EOS3, YONG Yonagunijijima, etc.

Table with multiple columns: Station Name, Frequency, Power, Mode, and various technical parameters. Includes stations like Hehuan Shan, Fushou, Ishigaki jima, Wulai, etc.

Table with columns: Name, Azimuth, Altitude, Phase, ID, Time, Res. Includes stations like GORD, KARB, URLA, YAYO, etc.

Table with columns: Name, Azimuth, Altitude, Phase, ID, Time, Res. Includes stations like LIT, MAKR, GUR, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase, ID, Time, Res. Includes stations like DPSS, GUMO, WRA, etc.

Bottom section containing various codes and station names like JMA, IDC, ISC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, WMGZ Waiomatatini S, HAZ Te Kaha, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like bmbp3.6/4, Error ellipse: s-maj=41.5km s-min=8.2km az=131.0, RSNZ 22 15:35:51.6, 0.0, 7.1N, 1.7W, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, UPA 22 15:52:26.6, 1.0, 8.98N, 82.87W, etc.

PGC 22 15:26:19.1, 13.0, 55.44N, 136.79W, h10km, MLSn3.4/7, Mw4.0, 200km southwest of Sitka, AK Off Coast Of Southeastern Alaska

SDV 49nm, 0.4s, baz=78, slow=12, SNR=19 Santo Domingo 3.16 49 Pn 15 37 17.8 -0.1

SDV 49nm, 0.4s, baz=78, slow=12, SNR=19 Santo Domingo 3.16 49 Pn 15 37 17.8 -0.1

Main table of station data for the 22 15h event, including stations like CRAIG Craig, U33K Whale Pass, SIT Sitka, etc.

Main table of station data for the 22 15h event, including stations like SDV Santo Domingo, URIC Uribia, etc.

Main table of station data for the 22 15h event, including stations like WRA Warramunga Arr, UPA 22 15:52:26.6, etc.

IDC 22 15:35:50.1, 0.8, 6.71N, 72.92W, h155km, 10km, mb3.0/2,

IDC 22 15:50:57.6, 0.1, 38.6N, 0.2, 141.9E, 0.6, h48km, MV3.1/40, KINKAZAN REGION

IDC 22 15:50:57.6, 0.1, 38.6N, 0.2, 141.9E, 0.6, h48km, MV3.1/40, KINKAZAN REGION

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like YKA, YKAW1, KSRSS, NEW, KOSA, RES, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like SCHG, BVAR, BORK, FCAR, ARTI, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MYKA, OBKA, FITZ, LEM, ASAR, etc.

NNC 22 16:48:47.9z.2, 39:87N:76:92E, h0km, mb4.0, mpv3.7, Error ellipse: s-maj=14.5km s-min=12.8km az=173.0

KRNET 22 16:48:48.5z.0, 1.9:90N:77:06E, h12km, mb3.6

SOME 22 16:48:49.6, 39:97N:77:18E, h5km

ISC 22 16:48:50.1z.1, 6.39:85N:0:07z.77.02E:0.04, h10km, n53,

1927/79, 27C-8D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Elevation, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like JNYK, JNKS, NNRN, etc.

2020 JAN

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like PTGB Pitanga, ITAB Concórdia, LDASE Londrina, VA06 Catalipolo, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like MAKZ Makanchi, MKAR Makanchi Array, HILR Hailar Array, SOMM Songrio Array, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like VAO Valinhos, SNDB Serra Nova Dou, NNA Nana, BDFB Brasília, etc.

Error ellipse: s-maj=14.3km s-min=10.8km az=164.0
SOME 22 18:21:05.7-1.7, 39.85N-77.03E, h15km
KRNET 22 18:21:05.7-1.0, 41.04N-77.05E, h13km, mb3.3
ISC 22 18:21:05.7-1.7, 39.75N-008.77.03E, 0.04, h10km, n47,
c164/71, 18C-18D, Southern Xinjiang

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations and data, including specific event details like RSPR, NEIC, SDD, OSPL, and IAML.

Table with columns: SHMA, Station Name, SNR, Azimuth, Distance, Magnitude, P, S, Pn, L, LR. Lists seismic stations and data, including event details like IDC, NEIC, and various moment tensor solutions.

22d 18h

2020 JAN

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Paradox Valley, Cedar City, Henry Mountain, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like FINES, RNPPI, GHRK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like TARG, TADJ, Kajsajay, etc.

KRNET 22:18:54:34.3:0.1, 0.40:86N:78:31E, h14km, mb2.8
NNC 22:18:54:35.1:1.0, 40:84N:78:31E, h0km, mb3.5, mpv3.1,
Error ellipse: s-maj=6.9km s-min=4.7km az=169.0

IDC 22:18:59:18.5:16.0, 10:65S:161:37E, h150km, 172km,
mb3.1/5, mbtmp3.6/6, ML3.8/1, Error ellipse:
s-maj=11.4km s-min=32.0km az=156.0

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZM, WRA, ASAR, SONM, ILAR, MKAR.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA, ASAR, MKAR, KURBB.

PTWC 22:19:22.17.39:00N:27:80E, h10km, Mwps.67
GFZ 22:19:22.18.4.39:09N:27:83E, h15km, MW5.6, Moment Tensor Solution. s85 Moment tensor: Mr=1.38;

IDC 22:19:02:04.9.1.1, 10:30S:162:03E, h0km, mb3.9/7, mbmp3.9/8, ML3.5/1, Error ellipse: s-maj=38.2km

RSPR 22:19:29.9.17:91N:67:02W, h6km, MD3.0/6
NEIC 22:19:28.8.1.0, 17:84N:0:04:67:046W, h7km, 7km, ML3.2/37, Md3.0/6(RSPR), 4C=38, Error ellipse: s-maj=5.1km, s-min=0.6km, Az=187.0, Mona Passage

GCMT 22:19:22.19.4.0.1.39:05N:0:01:27:79E:0:01, h12km, MW5.6/158, Moment Tensor Solution. s105:c176; s158:c317; Duration: 1s5 Moment tensor: Scale 1017 Nm; Mr=1.45; 03; M0=1.42; 03; M2=0.03; 03; M3=1.22; 08; M4=2.52; 02; M5=0.59; 08; Best double couple: M3.17200:1017 NP1:345.00000; 856.00000; lambda-26.00000; NP2:36.91.00000; 869.00000; lambda-144.00000; Principal axes: T 3.4220, Plg4.00000; Azm216.00000; N -0.4980, Plg49.00000; Azm117.00000; P -2.9220, Plg40.00000; Azm312.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists various stations and their parameters.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists various stations and their parameters.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists various stations and their parameters.

IDC 22:19:16:28.1.1.1, 13:45N:120:63E, h0km, mb3.2/5, mbmp3.2/5, Error ellipse: s-maj=25.6km s-min=10.3km az=111.0, Mindoro

IDC 22:19:22:14.8.0.4, 39:09N:27:80E, h0km, mb4.7/29, mbmp4.7/46, ML4.4/14, MS5.2/70, Error ellipse: s-maj=9.1km s-min=8.4km az=72.0

DKL Dikili 0.73 270 Pg Pb 19 22 30.8 -0.1
YAYO Edremit-Balk 0.80 312 Pg Pb 19 22 31.9 -0.2
BLKS Balikesir 0.80 7 P S Sb 19 22 42.3 +0.5

22d 19h

Table with columns for station name, frequency, power, and signal strength. Includes stations like Zeytinokoy-Aydi, Nazilli-Aydin, Kahya-Emet, etc.

2020 JAN

Table with columns for station name, frequency, power, and signal strength. Includes stations like BNAZ, ANZ, ARMT, etc.

1484

Table with columns for station name, frequency, power, and signal strength. Includes stations like CATL, SEMS, DATO, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AUSV, SAHE, MDUB, KIZT, AKAS, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NPS, BTIN, KBUK, LIT, AGG, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SUNG, CDAG, MFTR, BLSH, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PANC, VARL, PLOK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SUDU, BEO, GIRR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like EIL, ELAT, GURU, etc.

Table with columns for station call signs (e.g., RBF13, VILCO, GERES), names (e.g., Villacollemand, GERES Array B), coordinates (e.g., 14.00 297, 14.08 318), and status (e.g., P, Pn, AMS, MLR).

Table with columns for station call signs (e.g., CLL, Collm, CLLL), names (e.g., Collm, Collm, Collm), coordinates (e.g., 16.05 324, 16.05 324), and status (e.g., P, Pn, AMS, MLR).

Table with columns for station call signs (e.g., KONO, KONGS, KONO), names (e.g., Kongsberg, Kongsberg), coordinates (e.g., 23.61 337, 23.61 337), and status (e.g., P, Pn, AMS, MLR).

22d 19h

Table with columns: ID, Name, Elevation, Date, Status, Direction, Distance, etc. Includes entries like H20K Anotleneega Mo, G15K Niukluk, J30M Hart River, etc.

2020 JAN

Table with columns: ID, Name, Elevation, Date, Status, Direction, Distance, etc. Includes entries like AAM Ann Arbor, J47A Summer, NACB Ningahchao, etc.

1490

Table with columns: ID, Name, Elevation, Date, Status, Direction, Distance, etc. Includes entries like WHY Whitehorse, MCARA McCarthey VSAT, O30N Mendhall, etc.

Table with columns: Station, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, and other parameters. Includes stations like Matsushiro Arr, Kayak Island, Seward, etc.

Table with columns: Station, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, and other parameters. Includes stations like Basset, Falsa, Chernauba Isl, Lembang, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like ASAR, MT01, EFI, etc.

22d 19h

Table with columns for flight codes (e.g., ODD1, HNS), destinations (e.g., Odda, HongShan), times, and status. Includes sub-headers like IAMS_20 and IAMS_20.

2020 JAN

Table with columns for flight codes (e.g., BJL2, MCH1), destinations (e.g., Beijing, Michaelchurch), times, and status. Includes sub-headers like LR and IAMS_20.

1494

Table with columns for flight codes (e.g., MDJ, KSA), destinations (e.g., Mudanjiang, Wonju Array Be), times, and status. Includes sub-headers like P, Pmax, and Smax.

DJA 22 19:23:27.1+1.8, 8.1N, 6.9E, 1.0, h23km, 19km, M4.6/10, mB5.1/6, mb4.5/8, MLV4.8/10, MV(m)B4.4/6
NEIC 22 19:23:28.0+1.2, 7.72N, 0.08E, 0.05E, 1.0, h107km, 6km, mb4.7/23, Error ellipse: s-maj=16.5km s-min=8.6km az=51.0
NDI 22 19:23:29.9+1.4, 8.27N, 94.25E, h2km, 30km, ML4.5, MV4.3, mb4.7(NEIC)
IDC 22 19:23:31.1+2.2, 7.72N, 94.26E, h141km, 20km, mb4.0/16, mbmp4.4/19, Error ellipse: s-maj=21.2km s-min=10.1km bz=6.0

ISC 22 19:23:26.4+0.4, 7.69N, 0.04E, 0.05E, h100km, n109, #240/110, mb4.6/33, Nicobar Islands region

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

Table with columns: KURK, IAmB, IAmB, 19 31 30.6, ODEM, Odemis-Izmir, 0.82 168, Pg, Pb, 19 25 29.6 -0.6. Lists seismic events with station codes and magnitudes.

ISK 22 19:25:13.2, 39.07N, 27.84E, h13km, ML4.4/26
AFAD 22 19:25:13.4, 39.07N, 27.85E, h7km, 1km, ML4.1
THE 22 19:25:14.1, 39.12N, 27.8E, h2km, 5km, ML4.3/21, ML4.3/21

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

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

AFAD 22 19:33:28.6, 39.08N, 27.91E, h7km, 4km, ML2.6
ISK 22 19:33:27.9, 39.04N, 27.91E, h7km, ML2.8/28, Turkey

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Moxa, Schleiheim, SENIN Lac Senin/Sane, Bardonecchia, BFO Black Forest, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GORD Gordes-Manisa, SOMA Soma-Manisa, GOMA Golmarmara-Man, BALKISER_Sava, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GBRP Guanica, Bosqu, GBRP Guanica, Bosqu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRRP Cerrillos, CELP, CELP, CELP, LSP Las Mesas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKHS Akhisar, AKHS Akhisar, AKS Akhisar, GORD Gordes-Manisa, etc.

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

AFAD 22 20:20:33.1, 39.05N-27.86E, h7km, 2km, MW3.7
ISK 22 20:20:33.1, 39.05N-27.86E, h11km, ML3.8/24
THE 22 20:20:34.9, 39.1N-27.8E, h23km, 15km, M3.4/32, MLh3.4/32
ISC 22 20:20:33.0-8, 39.05N-0.01-27.87E, 0.02, h14km, 6km, n96, c058/133, Turkey

ISK 22 20:38:06.5, 39.02N-27.82E, h4km, ML2.8/12
AFAD 22 20:38:07.4, 38.86N-27.74E, h17km, 1km, ML2.9
ISC 22 20:38:06.6-0.9, 39.00N-0.04-27.84E, 0.05, h16km, 7km, n17, c037/24, Turkey

RSRP 22 20:40:25.8, 17.98N-66.74W, h7km, MD3.0/8
NEIC 22 20:40:25.4-0.8, 17.94N-0.03-66.733W, 0.009, h10km, 1km, ML2.8/37, MD3.0/8 (RSRP), 1C-4D, Error ellipse: s-maj=4.7km s-min=1.8km az=174.0, Puerto Rico region

22d 20h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AGPR, PDRP, GCPGR, etc.

MEX 22:20:46:06.5-0.5, 19:45N-102:21W, h13km-181km, MD3.6, Michoacan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like INCO, MNGA, SOMAC, etc.

MEX 22:20:46:22.0-0.9, 19:55N-102:09W, h6km-673km, MD3.5, Michoacan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like INCO, MNGA, SOMAC, etc.

ICD 22:20:47:02.7-1.6, 10:68S-164:16E, h0km, mb3.6/4, mbtmp3.7/6, ML4.1/2, Error ellipse: s-maj=48.3km s-min=28.9km az=126.0

NEIC 22:20:47:04.2-1.1, 10:75S-0:1x164:4E, h10km, 1km, mb4.5/7, Error ellipse: s-maj=26.8km s-min=19.6km az=294.0

ISC 22:20:47:06.5-1.1, 10:95S-0:1x164:4E, h1, h29km, n19, r120/14, mb4.1/8, Santa Cruz Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SANVU, DZM, CTA, COEN, H11S2, etc.

ICD 22:20:48:42.3-1.4, 37:48N-20:89E, h0km, mb3.5/7, mbtmp3.4/8, ML4.2/1, Error ellipse: s-maj=35.3km s-min=24.0km az=129.0

THE 22:20:48:44.9, 38'N-2'x2'1E, h16km-2km, M3.5/11, MLh3.5/11

ATH 22:20:48:44.6, 37:49N-20:64E, h11km-3km, ML3.4/2/3, Manual Solution by M.Papanikolaou First location: 2020/01/22 20:49:41, This location: 2020/01/22 21:01:06

ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

ISC 22:20:48:44.8-1.2, 37:50N-20:65E, h0.04, h15km-7km, n17, r087/96, mb3.7/7, Ionian Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LTHK, KYPSS, ZAK2, etc.

2020 JAN

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARG2, LXR1, DMLN, etc.

SOKA 22:20:48:01.8, 53:31N-159:57W, h0km, mb3.2/2, mbtmp3.3/4, ML3.1/2, Error ellipse: s-maj=12.1km s-min=40.3km az=93.0

AEIC 22:20:49:02.5, 53:42N-0:06-160:28W, h0.09, h22km-5km, Error ellipse: s-maj=8.8km s-min=7.8km az=191.0

ISC 22:20:48:58.2-1.2, 53:37N-0:08-159:87W, h0.05, h10km, n64, r159/74, South of Alaska

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CNBA, SDPT, DT1, etc.

1500

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OHAK, ACHA, P16K, etc.

YKA 22:20:53:34.9-0.9, 39:02N-0:02-27:86E, h0.02, h9km-7km, n65, r052/90, Turkey

AFAD 22:20:53:34.4, 39:02N-27:87E, h8km-3km, MW3.5, ISK 22:20:53:34.7, 39:02N-27:85E, h7km, ML3.3/26, THE 22:20:53:35.4, 39'N-4'x2'8E, h2km-16km, M3.0/12, MLh3.0/12

ISC 22:20:53:34.9-0.9, 39:02N-0:02-27:86E, h0.02, h9km-7km, n65, r052/90, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKHS, AKS, GORD, etc.

AFAD 22:20:57:36.9, 39:05N-27:83E, h7km-2km, MW3.5, ISK 22:20:57:36.8, 39:05N-27:82E, h10km, ML3.4/2, THE 22:20:57:37.6, 39'N-2'x2'8E, h3km-9km, M3.0/14, MLh3.0/14

ISC 22:20:57:37.2-0.9, 39:05N-0:01-27:82E, h0.01, h9km-7km, n65, r052/90, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like AKHS, AKS, SOMA, GORD, STEP, GOMA, KTTT, CAMT, ZEDA, BALIKESIR, etc.

Table with columns: RDO, Rodhopi, 2.73 321, P, Pn, 20 58 21.3 +0.2, 20 58 22.2 -0.5. Lists stations like AFAD, AFAD 22:20:58:55.6, 39°07'N:27°83'E, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations like ASAR, Alice Springs, MKAR, Mankochi Array, etc.

Table with columns: DST, KULA, BLKS, YAYO, SMAA, SIMA, DUVT, BAGT, IZMR, SUSR, ELBC, KIRA, USAK, FOCM, AYVA, CMHT, GONE, YENI, SHAP, AYDB, NAZL, SMN, CANM, GEDZ, KARB, KARB, SULTU, URLA, URLA, PRK, KUSD, ESEN, ESEN, BAND, BAND, ZEVE, ZEDN, EZN, EZN, GCAM, SMG, CHOS, SIGR, SIGR, GADA, GADA, YER, BODT, CAVK, ENEZ, ENEZ, LIA, SMTH, ALN, ALN, DAT, ARG, KAR, THAS, KYMI, AOS, KAVA, GADM, OUR, DIM, DIM, KARP, RZN, RZN, JMB, PLG, PLD, PLD, MMB, MMB, NEF, KNT, IDI, IDI, SZH, PGB, GUR, BRTR, BRTR, BRTR, VLB, VLB, KVV, KVV, VAY, VAY, PLVB, VTS, MPPE, TIRR, TLBR, VALD, OHR, OHR, TCLR, BOVS, MRLR, MRLR, MLR, PLOH, VRI, COVR, SEV, SEV, SEV, SEV, LOT, HERR, TURR, DOPR, YAL, YAL, YAL, YAL, TARU, TARU, TARU

Table with columns: MDVR, PDG, ALU, ALU, DNZZ, DNZZ, DNZZ, SIM, SIM, SIM, SIM, TESR, MDB, SUDU, SUDU, SUDU, SUDU, DRGR, BURAR, MORH, EIL, GERES, DAVOX, CLL, HAG, ESDC, EKA, TORR, MKAR, BRDH, IDC, NEIC, PLV, ISC, Code, SPV, SPV, SPV, TGV, TG, MLVB, MLVB, MLVB, VTVB, VTVB, MCVV, CHTO, CM31, CM31, CMAR, CMAR, CMAR, QIZ, ENH, LZDM, BJT, KKM, KKM, GSI, JOW, SONM, SONM, PALK, KSRS, KSRS, MKAR, MKAR, MKAR, KURK, KURK, ZAAO, ZAAO, ZALV, ZALV, ZALV, KAPI, BVAR, BVAR, AB31, AB31, ABKAR, YAK

Table with columns: GNI, WRA, FINES, ISK, AFAD, THE, Code, Station Name, Az, Az, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like MAKR, LKRD, LKR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like TIP, HFS, FINES, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like EKA, KURBS, MKAR, ZALV, etc.

THE 22 21:39:47.3, 39°N, 14°2'8"E, h0km, 22km, M3.4/9, MLh3.4/9

AFAD 22 21:39:47.3, 39°01'N, 27°86'E, h6km, 1km, ML3.3

ISC 22 21:39:47.9, 1.0, 39.02N, 27°84'E, h6km, ML3.6/25

ISC 22 21:39:47.9, 1.0, 39.02N, 27°86'E, 0.02, h6km, 8km, n60, 0.577/84, Turkey

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like AKHS, AKS, GORD, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like SINT, SAMA, BLBC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like PRK, CESE, GCAM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like MLR, MMAI, KVAR, etc.

GII 22 21:52:04.4, 0.0, 39°03'N, 0°02'27.892"E, 0°001, h0km, Mw5.0, confirmed

ISC 22 21:52:05.1, 1.2, 38°96'N, 27°91'E, h0km, mb3.3/2, mbmp3.4/8, ML3.3/5, MS3.1/2, Error ellipse: s-maj=19.6km

ISC 22 21:52:05.2, 39°07'N, 27°86'E, h14km, ML4.1/25

AFAD 22 21:52:05.4, 39°07'N, 27°85'E, h7km, 3km, MW4.1

THE 22 21:52:07.2, 39°N, 3°2'8"E, h23km, 18km, M3.8/11, MLh3.8/11

SOF 22 21:52:08.4, 39°2'N, 0°2'27.73E, 0.09, h25km, 5km, MD4.0/6

CFUSG 22 21:52:12.3, 39°54'N, 28°09'E, h10km, Mb3.1/4, MD3.4/4, n158, 0.1914/197, 14C-20D, Turkey

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like AKHS, AKS, GORD, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like CANM, EMET, KRBN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like PRK, CESE, GCAM, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like MLR, MMAI, KVAR, etc.

PVL Pavlakeni, 4.54 334 P Pn 21 53 14.8 +1.3

KYB Krupnik, 4.67 309 P Pn 21 53 15.4 +1.5

KIRS Kirehir-Merke, 4.68 87 P Pn 21 53 14.2 +6.2

PLNA Plana, 4.81 317 P Pn 21 53 19.1 +1.9

VIT Vitosha, 5.01 317 P Pn 21 53 15.5 +1.1

MPEP Malo Peshtene, 5.31 325 P Pn 21 53 25.2 +1.2

MTR Tirgozur, 5.40 4 P Pn 21 53 32.9 -6.4

COPA Copacepana, 5.45 339 P Pn 21 53 29.6 +3.7

VALD Valchedran, 5.71 325 P Pn 21 53 31.2 +1.7

OHR Ohrid, 5.81 293 P Pn 21 53 33.3 +2.5

HUM Humle, 5.87 327 P Pn 21 53 35.6 +0.6

CFR Carcaliu, 6.11 2 P Pn 21 53 40.3 +8.1

TLCR Telcra, 6.15 6 P Pn 21 53 38.4 +2.8

BOVS Bovan, 6.52 316 P Pn 21 53 42.2 +1.6

MLR Muntele Rosu, 6.58 348 P Pn 21 53 44.2 +2.4

MLR Muntele Rosu, 6.58 348 P Pn 21 53 53.8 -5.7

ODBI Odobesti, 6.72 355 P Pn 21 53 48.4 +3.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DS1 Dead Sea, DS2 Kziot, MORH Miry, Hungary, HRFI Mount Harif, MBRI Mt Berach, ROSA Rosalia, ARZB Arzberg, KBZ Khabaz, OBKA Obir, CONA Conrad, BIOA Bad Ischl, AUSA Aus, LESA Schwarzeola, GERES GERES Array B, WTTA Wattenberg, SQTA Sankt Quirin, DAVOX Davos/Dischmat, TORO Torodi Ar. Bea, MKAR Makanchi Array.

NEIC 22:22:01:18.6:0.17, 17.93N:0.03:66.62W:0.01, h2km, 5km, ML2.5/37, Md2.7/3(RSPR), Error ellipse: s-maj=3.8km s-min=1.5km az=169.0
RSPR 22:22:01:18.2, 17.92N:66.63W, h6km, MD2.7, SDD 22:22:01:19.5:1.5, 17.94N:66.63W, h12km, 27km, MD3.4, ML2.3, MW2.7, Presumed earthquake
ISC 22:22:01:18.8:1.1, 17.94N:0.04:66.63W:0.02, h1km, 2km, 6km, n37, of62/60, 12C-7, Puerto Rico region

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including OBIP Obispado Ponce, GBPR Guanica, UUPR Utuado, CRPR Cabo Rojo, SJG San Juan, EMPR Esperanza, PRSN Puerto Rico, AGPR Aguadilla, HUMP Col San Antonio, DR12 Loma Pena Alta.

MOS 22:22:08:42.9:1.1, 42.93N:145.98E, h79km, mb4.3/10, Error ellipse: s-maj=1.1km s-min=6.5km az=84.7
JMA 22:22:08:45.0:1.43, 01.15:145.9E:0.9, h73km, 1km, MD4.0/37, MW4.6/37, OFF NEMURO PENINSULA
JMA Feil II J1 at OFF NEMURO PENINSULA
IDC 22:22:08:45.0:0.8, 43.05N:145.86E, h79km, 6km, mb3.6/17, mbtmp3.9/21, MS2.8/2, Error ellipse: s-maj=15.4km s-min=13.7km az=109.0
SKHL 22:22:08:45.0:1.43, 00N:145.90E, h85km, 5km, mb6.1/5, msha6.7/5
NIED 22:22:08:45.9, 42.99N:145.78E, h73km, MW4.0, Moment

Tensor Solution. s3 Moment tensor: Scale 10^15Nm; M1:0.61; M2:0.02; M3:0.59; M4:0.62; M5:0.69; M6:0.17; Fault plane solution: M1.12000x10^15 NP1: 0x179.00000; 851.00000; -34.00000. NP2: 0x293.00000; 864.00000; -135.00000.
NEIC 22:22:08:45.4:1.5, 42.95N:0.09:145.9E:0.1, h76km, 6km, mb4.4/15 Error ellipse: s-maj=14.1km s-min=12.4km az=113.0
ISC 22:22:08:44.8:0.6, 42.99N:0.05:145.85E:0.05, h73km, 4km, h73km, pp-P, n104, of122/124, mb4.0/32, 1C-4D, Hokkaido region

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations including NEM2 Nemuro 2, NEMR Nemuro-Hokkai, JKHJ Kushirohamanak, AKK Akkeshi, GLOV Golovino, YUK Yuzh-Kuril'sk, JRS Misakichi, KUR Kuril'sk, YSS Yuzhno-Sakhalii, KRSR Korea Array, SEY Seymchan, YAK Yakutsk, YAK Bilbino, YAK Songino Array.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations including H1N2 WAKE ISLAND HY, H1N1 WAKE ISLAND HY, H1N3 WAKE ISLAND HY, H1S1 WAKE ISLAND HY, H1S2 WAKE ISLAND HY, J14K Narvaranak Lak, O15K Ungalikthiur K, G18K Tagagawik, G19K Jazzarat, PPLA Purkeypile, ZALV Zalesovo Beam, CNPM China Post, BRLK Bradley Lake, SLKM Skliak Lake, COLA College, ILAR Eielson Array, ILAR Eielson Array, BMAR Burtt Mountain, MKAR Makanchi Array, MKAR Makanchi Array, VRDI Verde Repeater, BCAR Beaver Creek A, KURK Kurchatov, KURK Kurchatov, KURB Kurchatov Arra, HYT Haines Junction, INK Inuvik, INK Inuvik, BVAR Borovoye Array, ARTI Arti, SPITS Spitsbergen Ar, AB31 Akbulak array, ABKAR Akbulak array, YKA Yellowknife Ar, WRA Warramunga Arr, WRA Warramunga Arr, FIA1 FINESS Array B, FINES FINESS Array B, ASAR Alice Springs, ASAR Alice Springs, KIV Kislovodsk, NOA NORAR Array B, PDAR Pinedale Array, PKAR Pinedale Array, PMSA PMSA.

VAO 22:22:12:35.9:2.2, 24.69S:70.09W, h10km, mb4.6, Presumed earthquake
IDC 22:22:13:17.9:1.9, 24.12S:66.92W, h167km, 21km, mb3.7/1, mbtmp4.0/5, Error ellipse: s-maj=41.3km s-min=17.4km az=103.0
SJA 22:22:13:17.3:1.2, 24.08S:67.13W, h202km, 7km, ML3.9, MW3.0
NEIC 22:22:13:19.0:1.6, 24.08S:0.01:67.3W:0.1, h194km, 11km, s-min=1.5km az=87.0
GUC 22:22:13:19.4:0.8, 23.97S:67.14W, h187km, 6km, ML4.0
ISC 22:22:13:18.2:0.7, 24.06S:0.04:67.18W:0.03, h194km, 6km, n82, of119/116, 8C-2D, Chile-Argentina border region
Code Station Name Az Az' Phase ID Time Res ISC

Table with columns for station code, name, frequency, and other details. Includes stations like TSIUM Tsumeb, LPHEP Lephetsa, H10S2 ASCENSION HYDR52.16, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like ARGCO Ariguani, RTZ Rutahuna, SJCC San Jacinto, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like CM31 Chiang Mai, CMAR Chiang Mai, CMAR Chiang Mai, etc.

22d 22h

Table with columns for station ID, name, coordinates, elevation, and other technical data. Includes stations like KBS Kingsbay, GTA2 Gaotai, XAN Xian, etc.

2020 JAN

Table with columns for station ID, name, coordinates, elevation, and other technical data. Includes stations like I27K Kodiak River, F28M Old Crow, P23K Montague Islan, etc.

1508

Table with columns for station ID, name, coordinates, elevation, and other technical data. Includes stations like O18K Koktuh Hills, C24K Franklin Bluff, N19K Bonanza Creek, etc.

22d 23h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ECPR, EMPR, AGPR, AGPR, SJG, SJG, PDRP, PDRP, GPCR, GPCR, HUMP, HUMP, HUMP, HUMP.

AFAD 22 23:04:49.9, 39.08N, 27.82E, h7km, 4km, ML3.2
ISK 22 23:04:50.1, 39.08N, 27.82E, h8km, ML3.5/24
THE 22 23:04:51.5, 39.1N, 27.8E, h2km, 13km, M3.1/11, ML3.1/11

ISC 22 23:04:50.4, 0.9, 39.08N, 0.02, 27.82E, 0.02, h12km, 7km, n58, c0548/91, Turkey

Main table for 22d 23h section, listing station codes, names, coordinates, and seismic data for various stations across Turkey and other regions.

2020 JAN

Table with columns: BODT, ENEZ, LIA, LIA, SMTH, SMTH. Includes station codes and coordinates for Bodrum, Enez, Limnos Island, and Samothraki Isl.

SNET 22 23:09:41.0, 0.0, 13.62N, 90.30W, h87km, 4km, ML3.4, Presumed earthquake
GCG 22 23:09:43.4, 1.0, 13.78N, 90.26W, h79km, 7km, MD3.9, ML4.3, MW3.5, Presumed earthquake

CATAC 22 23:09:44.0, 0.4, 14. N5 x 9 DWL, h70km, 4km, M3.6/13, ML3.6/13, Error ellipse: s-maj=11.7km s-min=4.7km s=127.1, confirmed

ISC 22 23:09:45.9, 1.5, 13.78N, 0.06, 90.11W, 0.04, h79km, 6km, n50, c1577/67, GD, Near coast of Guatemala

Main table for 2020 JAN section, listing station codes, names, coordinates, and seismic data for stations in Greece, Turkey, and other regions.

IDC 22 23:30:31.2, 2.8, 28.04N, 56.68E, h0km, mb3.7/6, mbmp3.7/6, Error ellipse: s-maj=70.5km s-min=27.5km az=145.0

DSN 22 23:30:32.6, 0.9, 28.23N, 56.67E, h10km, ML3.0/4, Error ellipse: s-maj=48.0km s-min=7.2km az=98.0
TEH 22 23:30:34.5, 28.08N, 56.91E, h17km, 27km, ML3.2

OMAN 22 23:30:37.1, 0.1, 28.03N, 56.77E, h135km, 1km, m3.2/14, Error ellipse: s-maj=2.0km s-min=1.0km az=0

ISC 22 23:30:33.4, 1.6, 28.09N, 0.03, 56.80E, 0.05, h9km, 12km, n46, c1537/58, mb3.6/5, Southern Iran

Main table for 2020 JAN section, listing station codes, names, coordinates, and seismic data for stations in Iran, Turkey, and other regions.

1510

Table with columns: JLN, JLN, MHTO, MHTO, DOK, DOK, DMTO, DMTO, RAYN, RAYN, AKTO, AKTO, BVAR, BVAR, MKAR, MKAR, ZALV, ZALV, FINES, FINES, TORD, TORD. Includes station codes and coordinates for various stations.

IDC 22 23:30:48.7, 1.4, 34.51N, 32.14E, h0km, mb3.8/4, mbmp3.7/10, ML3.5/6, Error ellipse: s-maj=26.2km s-min=15.9km az=48.0

HLW 22 23:30:48.9, 34.60N, 31.94E, h11km, 5km, Md3.5, M3.8 ISK 22 23:30:49.9, 34.40N, 31.87E, h62km, 2km, ML3.7/17 GII 22 23:30:51.5, 0.0, 34.492N, 0.002, 32.175E, 0.001, h0km, Mw3.4, confirmed

NIC 22 23:30:52.5, 34.54N, 32.09E, h28km, 1km, M3.6/11 GRAL 22 23:30:53.1, 0.3, 34.45N, 32.19E, h22km, 4km, MD3.7 AFAD 22 23:30:57.5, 34.89N, 32.31E, h12km, 3km, MW3.3 ISK 22 23:30:51.3, 0.7, 34.51N, 0.02, 32.1E, 0.02, h20km, 5km, m124, c1567/194, mb3.9/4, 9C, Cyprus region

Main table for 1510 section, listing station codes, names, coordinates, and seismic data for stations in Turkey, Greece, and other regions.

Table with columns: BUCA, BURDUR, BUCAK, etc. Includes station names, coordinates, and seismic data.

Table with columns: RLMT, BW06, PD31, etc. Includes station names, coordinates, and seismic data.

Table with columns: IZMD, DEMI, DKL, etc. Includes station names, coordinates, and seismic data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like EMET, GEDZ, GMLD, Urmir, URLA, etc.

VIE 23 01:08:08.0.5.0.50'04N.19'19E, h0km, mb2.6/3, m2.3/5, ms3.6/1, Error ellipse: s-maj=6.5km s-min=3.0km az=154.0 26 km S of Sosnowice Suspected Mining induced.

IEPC 23 01:08:08.4.0.1.50'16N.19'15E, h1km, ML2.2/6, Error ellipse: s-maj=1.7km s-min=0.8km az=2=0

PRU 23 01:08:09.2.50'12N.19'11E, h0km

ISC 23 01:08:08.5.0.8.50'09N.0'04.19'15E.0'02, h0km, m25, 19'19/42, Poland

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

ISK 23 01:09:51.9.39'02N.27'83E, h14km, ML3.6/24

AFAD 23 01:09:52.0.39'02N.27'82E, h12km, m3, M3.0/7

THE 23 01:09:53.1.39'N.8'2'8E.1'2, h13km, 25km, MW3.0/7, ML3.0/7

ISC 23 01:09:52.0.8.39'02N.0'02.27'84E.0'02, h15km, 6km, n68, 05'43/95, Turkey

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like IZMD, BKES, DKL, DKL, etc.

KOLA 23 01:19:44.6.76'99N.19'01E, h0km, ML3.2, Error ellipse: s-maj=15.3km s-min=8.8km az=120.0, Storfjordens zone

NAO 23 01:19:47.3.0.2.77'01N.19'05E, h10km, ML3.0

FCIAR 23 01:19:48.0.77'02N.18'73E, h10km, station ZF12 has station magnitude of 1.50 station OMEGA has station magnitude of 3.60

BER 23 01:19:49.5.3.77'01N.18'94E, h16km, 9km, ML2.7, ML3.2(NAO), Confirmed Earthquake

ISC 23 01:19:46.2.1.3.77'04N.0'03.19'13E.0'03, h10km, 11km, n34, 19'00/69, Svalbard region

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

BRBA Barentsburg A 1.48 316 P Pn 01 20 12.7 -0.1

BRBA Barentsburg A 1.48 316 P Pn 01 20 33.5 +1.2

BRBA Barentsburg B 1.50 317 P Pn 01 20 13.1 -0.1

BRBA Barentsburg B 1.50 317 P Pn 01 20 34.1 +1.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like BEA1, BEAR, BEAR, BEAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like ZF12, OMEGA, OMEGA, VADSO, etc.

ISC 23 01:28:46.7.1.0.24'30S.115'79W, h0km, mb4.1/5, mbmp4.1/5, MS3.6/12, Error ellipse: s-maj=41.9km s-min=27.9km az=30.0

NEIC 23 01:28:50.9.1.9.24'1S.0'2.115'49W.0'07, h10km, 2km, mb4.5/11, Error ellipse: s-maj=31.1km s-min=11.6km az=184.0

ISC 23 01:28:48.5.0.9.24'45S.0'2.115'8W.0'02, h12km, n43, 15'07/24, mb4.4/10, MS3.6/11, Southern East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like RPN, RPN, RPN, H03N2, etc.

RO3 Rarotonga 40.55 265 LR P 01 48 46.9

PLCA Paso Flores 40.96 125 P Pn 01 36 32.5 +1.3

PLCA comp=2.14nm, 20.0s, baz=264, slow=5.3 LR 01 49 10.6

ZON Zonda 41.94 111 P Pn 01 36 39.9 +0.6

LPAZ La Paz 45.22 89 P Pn 01 37 00.6 -0.6

LPAZ comp=2.4.9nm, 1.0s, baz=269, slow=3.0, SNR=12 LR 01 52 00.7

LPAZ La Paz 45.22 89 P Pn 01 37 05.2 -1.4

JPS comp=2.6.8nm, 1.1s baz=272, slow=2.9, SNR=12 LR 01 51 02.5

TRQA Torquay 47.35 120 P Pn 01 37 22.2 -0.3

LPAG La Paz 48.54 7 LR 01 51 31.4

CPUP Villa Florida 52.45 105 LR LR 01 55 35.4

PFO Pinoyon Flats 0 57.72 359 LR LR 01 56 37.9

ANMO Anmouque 59.71 9 LR 02 00 20.2

CCUT Cedar City 61.69 2 P Pn 01 39 07.8 +1.1

SABA Saba 66.11 56 P Pn 01 39 35.1 -0.8

PDAR Pinedale Array 67.11 5 P Pn 01 39 40.4 -1.7

MDP Montagnes des 68.04 73 LR LR 02 06 10.3

YKA Yellowknife Ar 86.63 1 P Pn 01 41 30.9 -0.4

YKA Yellowknife Ar 86.63 1 P Pn 01 41 32.2 +0.5

YKA3 Yellowknife Ar 86.69 1 P Pn 01 41 49.3

H11S2 WAKE ISLAND Hy 86.71 292 T T 03 17 31.9

H11S1 WAKE ISLAND Hy 86.73 292 T T 03 17 35.3

H11S3 WAKE ISLAND Hy 86.73 292 T T 03 17 26.8

H11N3 WAKE ISLAND Hy 87.10 293 T T 03 18 02.2

H11N1 WAKE ISLAND Hy 87.11 293 T T 03 17 52.6

H11N2 WAKE ISLAND Hy 87.11 293 T T 03 18 00.1

STKA Stephens Creek 87.33 236 P Pn 01 41 34.2 -1.5

MAW Mawson 88.24 179 LR LR 02 15 42.8

ZALV Zalesovo Beam 146.73 338 PKPbc PKPbc 01 48 30.9 +0.9

ZALV Zalesovo Beam 146.73 338 PKPbc PKPbc 01 48 30.3 +0.3

BVAR Borovoye Array 151.07 352 PKPbc PKPbc 01 48 41.2 0.0

KURK Kurchatov 151.49 341 PKPbc PKPbc 01 48 42.7 +0.5

KURB Kurchatov Arra 151.60 341 PKPbc PKPbc 01 48 42.5 0.0

MKAR Makanchi Array 153.41 332 PKPbc PKIKP 01 48 47.9 +1.0

MKAR Makanchi Array 153.41 332 PKIKP 01 48 47.7 +0.9

NEIC 23 01:32:06.2.1.0.17'724N.0'008.66'83W.0'02, h10km, 1km, ML2.2-7/37, Md2.8/3(RSPR), Error ellipse: s-maj=3.0km s-min=2.6km az=17.0

SDD 23 01:32:07.4.2.7.17'82N.66'74W, h13km, 157km, MD3.1, ML2.8, MW2.7, Presumed earthquake

RSPR 23 01:32:08.1.1.17'83N.66'84W, h6km, MD2.8/3

ISC 23 01:32:06.5.1.5.17'76N.0'07.66'83W.0'02, h17km, 7km, n39, 05'83/63, 10C-6D, Puerto Rico region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Cabo Rojo, Cerrillos, Las Mesas, Utuado, Puerto Rico Se, Experimental S, San Juan, Aguadilla, Patillas Dam, Isla Desecheo, Guaynabo City, Col San Antonio, Miches.

NEIC 23 01:40:06.1±1.2, 40.24S; 0.05:75.2W; 0.1, h10km, 1km, mb4.5/6, ML3.9(GUC), Error ellipse: s-maj=13.9km s-min=7.9km az=285.0

GUC 23 01:40:07.9±0.6, 40.23S; 75.18W, h27km, ML3.9, ISC 23 01:40:05.2±0.8, 40.28S; 0.04:75.29W; 0.08, h10km, m49, az=147.61, mb4.4/3, 1C-1D, Off coast of southern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Corral, Universidad A, Los Muermos, Puerto Saavedr, Isla Mocha, Loncomilla, Panguipulli, Hotel Espejo D, Curarrehue, Curarrehue, Milladeo Hill, Ventisquero, Piedra, Turbio, Paso Flores, Futaleuf, Puyuhuaqui, San Fabin de, Panimavida, Hualane, Sierrra Bellavi, Tunca, Popeta, Punta, Talagante, San Alfonso, Curacab, Fray Jorge, El Pedregal, Juntas del Tor, Las Campanas, East Falkland.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IPOC Station P, Boa Vista, Sanaz, South Pole Pico, Princess Elisa, Dimboko, Nanjing, PanZhiHua, Hu-ho-hao-te.

NEIC 23 01:40:16.3±1.3, 17.82N; 0.03:66.83W; 0.01, h10km, 1km, ML3.0/35, MD2.5/4(RSPR), Error ellipse: s-maj=5.7km s-min=2.9km az=5.0

RSPR 23 01:40:17.4, 17.89N; 66.86W, h15km, MD2.5/4, SDD 23 01:40:18.0±1.4, 17.95N; 66.86W, h20km, 1km, MD3.5, ML2.7, MW3.0, Presumed earthquake

ISC 23 01:40:16.9±1.1, 17.90N; 0.05:66.85W; 0.02, h18km, 2km, n37, c0564/64, 13C-6D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Guanica, Bosqu, Cabo Rojo, Obispo Ponce, Cerrillos, Las Mesas, Utuado, Puerto Rico Se, Esperanza - Ma, Patillas Dam, Isla Desecheo, Guaynabo City, Col San Antonio, Miches.

NEIC 23 01:43:08.0±0.5, 18.0N; 0.1:66.71W; 0.008, h12km, 4km, ML3.3/33, Error ellipse: s-maj=15.2km s-min=1.0km az=178.0

SDD 23 01:43:08.3±2.0, 17.89N; 66.71W, h20km, 36km, MD3.7, ML3.0, MW3.5, Presumed earthquake

OSPL 23 01:43:08.4±0.7, 17.90N; 66.72W, h10km, 4km, ML3.0, ISC 23 01:43:08.5±1.1, 17.95N; 0.06:66.71W; 0.02, h12km, 7km, n23, c0571/38, 11C-1D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Obispo Ponce, Obispo Ponce, Cerrillos, Punta Cana, Miches, Loma Pena Alta, Hat Mayor del, Curarrehue, Curarrehue, Milladeo Hill, Ventisquero, Piedra, Turbio, Paso Flores, Futaleuf, Puyuhuaqui, San Fabin de, Panimavida, Hualane, Sierrra Bellavi, Tunca, Popeta, Punta, Talagante, San Alfonso, Curacab, Fray Jorge, El Pedregal, Juntas del Tor, Las Campanas, East Falkland.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Cabo Rojo, Puerto Rico Se, Experimental S, San Juan, Aguadilla, Patillas Dam, Isla Desecheo, Guaynabo City, Col San Antonio, Miches.

NEIC 23 01:53:47.0±10.0, 61.76S; 87.12E, h0km, Error ellipse: s-maj=27.4km s-min=10.0km az=161.0, South Indian Ocean

ISC 23 01:53:47.0±10.0, 61.76S; 87.12E, h0km, Error ellipse: s-maj=27.4km s-min=10.0km az=161.0, South Indian Ocean

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CROZET ISLANDS, Diego Garcia H, ASCENSION HYDRBT, ASCENSION HYDRBT71, ASCENSION HYDRBT71 255.

NEIC 23 02:10:19.2±1.1, 17.95N; 0.03:66.73W; 0.01, h10km, 1km, ML2.5/33, MD3.0/7(RSPR), Error ellipse: s-maj=5.4km s-min=2.0km az=172.0

RSPR 23 02:10:19.2, 17.95N; 66.76W, h10km, MD3.0/7, SDD 23 02:10:19.7±2.0, 17.98N; 66.70W, h20km, 43km, MD2.9, ML2.4, MW2.6, Presumed earthquake

ISC 23 02:10:18.3±1.1, 17.93N; 0.05:66.74W; 0.02, h18km, 4km, n34, c0553/62, 9C-8D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Guanica, Bosqu, Guanica, Bosqu, Obispo Ponce, Obispo Ponce, Cerrillos, Punta Cana, Miches, Loma Pena Alta, Hat Mayor del, Curarrehue, Curarrehue, Milladeo Hill, Ventisquero, Piedra, Turbio, Paso Flores, Futaleuf, Puyuhuaqui, San Fabin de, Panimavida, Hualane, Sierrra Bellavi, Tunca, Popeta, Punta, Talagante, San Alfonso, Curacab, Fray Jorge, El Pedregal, Juntas del Tor, Las Campanas, East Falkland.

23d 2h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EMPR Esperanza - Ma, EMGR San Juan, AGPR Aguadilla, etc.

ISK 23 02:13:26.4, 39°05'N-27.84'E, h12km, ML3.8/27
AFAD 23 02:13:26.4, 39°04'N-27.85'E, h7km, 3km, MW3.7
THE 23 02:13:28.3, 39°N-27.2°E, h12km, 1.9km, M3.4/15,
MSH3.0/6

CFUSG 23 02:13:33.4, 39°47'N-28°01'E, h19km, Mb2.9, MD3.3/5,
MSH3.0/6
SOF 23 02:13:36.7, 39°38'N-27°41'E, h20km, 2km,
MD3.3/6

ISC 23 02:13:26.1±0.8, 39°05'N-27.87±0.02, h17km, 5km,
n107, ±121/140, SC-8D, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKHS Akhisar, GORD Gordes-Manisa, SOMA Soma-Manisa, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SMG SIGRI, SIGR, SIGR, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PACA Pacayal, PACA Pacayal, ESQI Esquipulas, etc.

NOU 23 02:24:05.5, 15°15'S-167°51'E, h113km, MLv4.3/18,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SANVU Saraoutou, SANVU Saraoutou, DVP Devils Point, etc.

NEIC 23 02:31:34.5±1.1, 17°79'N-0°03'66.86W±0.008,
h10km, 2km, ML2.7/37, Md2.9/8(RSPR), Error ellipse:
s-maj=5.9km s-min=3.0km az=10.0

SDD 23 02:31:34.5±1.5, 17°76'N-66°92'W, h22km, 1.3km, MD3.4,
ML2.6, MW2.6, Presumed earthquake

RSRP 23 02:31:35.1, 17°82'N-66°88'W, h11km, MD2.9/8
ISC 23 02:31:35.0±1.1, 17°83'N-66°86'W±0.02, h18km, 5km,
n42, ±067/70, 9C-8D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR Guanica, GBPR Guanica, CRPR Cabo Rojo, etc.

SNET 23 02:22:22.0±0.8, 13°37'N-89°62'W, h63km, 4km, ML3.5,
Presumed earthquake

CATAC 23 02:22:22.6±0.3, 13°N-2°9'0W±, h38km, 2km, M3.7/23,
MLv3.7/23, Error ellipse: s-maj=5.3km s-min=2.4km
az=25.4, confirmed

GCG 23 02:22:24.3±0.9, 13°51'N-89°66'W, h55km, 6km, MD4.2,
ML3.9, MW3.5, Presumed earthquake

ISC 23 02:22:23.0±1.3, 30°N-0°04'89.61'W±0.03, h30km±13km,
n69, ±093/102, 8C-3D, El Salvador

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, Power, SNR, etc. Includes stations like HUMP Col San Antoni, HIDR Higüey Centro, MIDR Miches, DR12 Loma Pena Alta, etc.

IDC 23 02:33:23.1z.2.9.22:33N.122:03E,h0km,mb3.6/4, mblmp3.6/4,MS3.2/1, Error ellipse: s-maj=247.1km s-min=22.4km az=63.0

TAP 23 02:33:38.9z.22:26N.121:62E,h110km,ML3.8,D ISC 23 02:33:37.9z.1.0.22:22N.0:04:121:58E,0.04,h122km,6km, n110,σ1908/195,mb3.4/4,6C-16D,Taiwan region

Main table listing station details for the IDC and TAP regions, including station names like Lan-yu, Lan-yu, Lan-yu, etc., and their respective parameters.

Table listing station details for the 23d 2h region, including station names like UZB 7.4nm,0.5s, UZB Uzunbulak, UZB 11nm,0.3s, etc., and their respective parameters.

SOME 23 02:59:28.5z.41:17N-83:53E,h5km NNC 23 02:59:32.3z.1.8.41:32N-83:51E,h0km,mb3.9,mpv3.8, Error ellipse: s-maj=13.0km s-min=8.4km az=152.0

ISC 23 02:59:38.5z.2.6.41:41N-0:1:83:22E,0.08,h10km,n27, σ1573/41,6C-5D,Southern Xinjiang

Main table listing station details for the SOME and ISC regions, including station names like KTMS Ketmen, KTMS 9.4nm,0.5s, SHLS Shalkode, etc., and their respective parameters.

SOME 23 02:46:55.6z.39:19N-77:25E,h5km KRN2 23 02:46:56.0z.0.1.39:90N-77:26E,h16km,mb3.3

NNC 23 02:46:58.2z.1.6.40:04N-77:35E,h0km,mb3.8,mpv3.6, Error ellipse: s-maj=10.7km s-min=8.2km az=163.0

ISC 23 02:46:59.2z.1.5.40:06N-0:07:17E,0.04,h10km,n44, σ1699/70,17C-15D,Kyrgyzstan-Xinjiang border region

Main table listing station details for the SOME, NNC, and ISC regions, including station names like JNKS Jany-Kuch, JNKS 1.54 3111, NARN Naryn, etc., and their respective parameters.

23d 3h

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like Baotou, Mantong Dam, and many others.

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Table with columns for station name, coordinates, elevation, and various data points. Includes stations like Fitzroy Crossi, Sawahen, and many others.

1522

Table with columns for station name, coordinates, elevation, and various data points. Includes stations like ANM Nome, ZSN Zaisan, and many others.

1523

Table with columns: ID, Name, Elevation, Azimuth, Distance, Direction, Status, Date, Time, and other metrics. Includes entries like C18K Utukok River, GCSA Galena City Sc, L19K White Mountain, etc.

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Table with columns: ID, Name, Elevation, Azimuth, Distance, Direction, Status, Date, Time, and other metrics. Includes entries like GHO Glory Hole Cre, G22K Bettles, K22K Knik Glacier, etc.

23d 3h

Table with columns: ID, Name, Elevation, Azimuth, Distance, Direction, Status, Date, Time, and other metrics. Includes entries like J26L Joseph Creek, M26K Nabesna, AK, B26K Mount Mountain, etc.

Table with columns: PLCA, Paso Flores, 144.11 131, PKP, PKPbc, 04 10 21.0 +0.6, comp=Z,6.3nm,0.8s,baz=231,slow=3.0,SNR=10

IDC 23 03:54:11.6:0.5,40:17N:33:36E,h0km,mb4.2/15, mbmp4.2/28,ML3.6/11,MS3.5/36,Error ellipse: s-maj=9.6km s-min=5.5km az=67.0

MCSM 23 03:54:11.9:0.2,40:12N:33:36E,h13km,mb4.6,mb4.7, MLv4.6,MW(m)B3.9

AFAD 23 03:54:11.6:0.5,40:12N:33:26E,h14km,1km,MW4.5 MOS 23 03:54:11.4:1.0,40:14N:33:26E,h13km,mb4.7/14,Error ellipse: s-maj=5.2km s-min=3.6km az=93.5

NEIC 23 03:54:12.9:1.6,40:16N:0:05:33:24E,0:06,h10km,1km, Mb4.5/12Mw,4.15,Error ellipse: s-maj=9.3km s-min=7.2km az=180.0,Moment Tensor Solution.

Moment Tensor: Scale 10^15Nm; Mw:0.63; Mw:3.06; Mw:2.43; Mw:0.56; Mw:3.45; Mw:0.02; Fault plane solution: Mw:4.8000x10^15 NP1:199.130000,863.480000, -1.240000; NP2:299.270000,868.770000, -1.73.470000; Principal axes: T 4.1128, P1g4.0000, Azm64.0000; N 0.6625, P1g83.0000, Azm300.0000; P -4.7753, P1g5.0000, Azm154.0000;

MED_RC 23 03:54:12.0:0.5,40:20N:33:23E,h14km,2km,MW4.5/21, Moment Tensor Solution. Body waves: s2,c3,Mantle waves: s21,c23; Duration: 150 Moment tensor: Scale 10^15Nm; Mw:0.74z.45; Mw:4.28z.43; Mw:5.02z.54; Mw:1.16z.65; Mw:5.19z.48; Mw:1.08z.65; Best double couple: Mw:1.7000x10^15 NP1:112.0000,878.0000, -1.73.0000; NP2:20.0000,883.0000, -1.72.0000; Principal axes: T 7.3700, P1g4.0000, Azm66.0000; N -0.4100, P1g76.0000; Azm171.0000; P -6.9600, P1g14.0000; Azm35.0000; nsta2 refers to surface waves, body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=35s.

NEIC 23 03:54:12.8,40:15N:33:28E,h10km ISK 23 03:54:12.0,40:11N:33:25E,h6km,ML4.6/25 -6.9600, P1g14.0000; Azm35.0000; nsta2 refers to surface waves, body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=35s.

CFUSG 23 03:54:15.7,40:37N:33:36E,h10km,MB3.6/8,MD3.6/8,MSH3.7/8

NAO 23 03:54:30.9,40:17N:33:36E,h10km,MB4.5 ISC 23 03:54:11.9:1.0,40:14N:0:01:33:27E,0:01,h10km, n433,i145/445,mb4.4/25,MS3.5/24,50C-38D, Turkey

Code Station Name d^ Az Phase ID Time Res

Main table with columns: Code, Station Name, d^, Az, Phase, ID, Time, Res. Contains station data for various locations like Ankara-Kalecik, Kargın, Eldivan, etc.

Main table with columns: MDVB, Mudurnu, 1.62 283, Pn, Pn, 03 54 41.1 -0.6, ANN, comp=N,127nm,9.0s, MLR, MLR

Main table with columns: ANN, comp=N,127nm,9.0s, MLR, MLR, TIRR, comp=E,589nm,11.0s, 5.62 322, Pn, 03 55 39.7 -0.7

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BZS, ABTA, PLVB, ARSA, ARZB, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CSS, ESDC, SUW, SUD, BNN, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TOR, KTK1, JETT, ARAO, etc.

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23d 4h

Code Station Name Az El Phase ID Time Res
AKHS Akhisar 0.21 186 Op P ISC h m s ISC
AKHS 04 32 48.1 +0.3
AKHS 04 32 51.6 +0.2

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like MKAR Makanchi Array, ILAR Eielson Array, AB31 Akbulak array, etc.

MOS 23 04:52:51.1, 1.3, 41.85N, 82.41E, h8km, mb4.4/3, Error ellipse: s-maj=9.4km s-min=5.7km az=93.7

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like WUS Wushi, SHLS Shalkode, PDGK Podgornoye, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like MK31, MK31, MK31, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like ARCES ARCESS Array B, ARCES ARCESS Array B, etc.

JMA 23 05:10:57.4, 0.1, 43.12N, 0.5, 145.8E, 0.7, h52km, MV3, 1/37, OFF NEMURO PENINSULA

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like NEM2 Nemuro, NMR Nemuro-Hokkai, etc.

LDG 23 05:21:21.6, 0.1, 43.12N, 0.5, 145.8E, 0.7, h52km, MV3, 1/37, Error ellipse: s-maj=1.8km s-min=1.4km az=142.0

STR 23 05:21:21.6, 0.1, 43.07N, 0.08, 0.60W, 0.06, h8km, MLY2/16, LOCASAT arrayModelID pyrenees_taup-2.11 preliminary

MDD 23 05:21:22.3, 0.2, 43.07N, 0.1, 61W, h0km, 1km, mb_Lg2.6/43, Error ellipse: s-maj=1.7km s-min=1.2km az=4.0

ISC 23 05:21:20.5, 0.8, 43.15N, 0.02, 0.60W, 0.01, h13km, 5km, n54, c1947/112, Pyrenees

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like ATE Arette, REYF Montagne du Re, etc.

23d 5h

Table with columns: Station Name, Time, Res, ISC, Phase ID, Code, Station Name, Time, Res, ISC, Phase ID. Includes stations like MLZA Monlezun-d-Arm, EARA Aranguren, MELF Melles, etc.

2020 JAN

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID. Includes stations like AKHS Akhisar, AKS Akhisar, SOMA Soma-Manisa, etc.

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Table with columns: Code, Station Name, Time, Res, ISC, Phase ID. Includes stations like VRI Vricioiaia, COVR Voineasa-Covas, LOT Lotru, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like GCAM G7zelcam?, COMU Canakale, MDNY Mudanya-Bursa, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like TAFP Tanaga Falls P, TAPA Tanaga Point A, TASE Tanaga Southea, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SSLN Shishaldin Nor, ISNN Isanotski Nor, FALS False Pass, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like GBBP Guanica, Bosqu, OBIP Obisapond Ponce, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like KICM Kanaga Island, KIKV Kanaga Island, KIRV Kanaga Island, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SDPT Sand Point, SDPT Sand Point, SDPT Sand Point, etc.

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

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ADK Adak, ADAG Mount Adagadag, ETKA Kagalaska Isla, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SDPT Sand Point, SDPT Sand Point, SDPT Sand Point, etc.

BUJ 23 05:53:00.9, 52.00N, 177.65W, h10km, mB6.1/68, mS6.7/84, Ms6.5/92, Ms7.6/3/95
PTWC 23 05:53:01.5, 51.80N, 178.00W, h10km, Mw6.2/12
AECI 23 05:53:02.0, 51.7, 51.84N, 178.05W, h10km, Mw6.2/12

cutoff=40s, nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function
IDC 23 05:53:05.4, 1.4, 51.98N, 177.83W, h22km, 8km, mb5.2/43,
mbmt5.4/47, ML5.5/3, MS6.1/88 Error ellipse:
s-maj=10.2km s-min=7.6km az=11.0

SSLN Shishaldin Nor 8.76 65 Pn 05 55 37.1 -0.4
ISNN Isanotski Nor 8.89 65 Pn 05 55 12.0 -0.2
FALS False Pass 9.10 66 Pn 05 55 14.5 -0.6

Table with columns for station name, elevation, frequency, mode, and signal strength. Includes stations like MCARA McCarthy VSAT, MCARA Log Cabin Wild, and various other locations.

Table with columns for station name, elevation, frequency, mode, and signal strength. Includes stations like M29M Somme Creek, I28M Miner Creek, and various other locations.

Table with columns for station name, elevation, frequency, mode, and signal strength. Includes stations like YUK comp=N,467nm,1.4s, YUK comp=N,204nm,1.7s, and various other locations.

PDAR	comp=Z,106nm,1.0s,baz=311,slow=2.4,SNR=192	ScP	ScP	06 06 52.9	-1.5	
PDAR	comp=Z,3.5nm,0.9s,baz=286,slow=4.4,SNR=5.9	LR	LR	06 18 15.4		
PDAR	comp=Z,20.2um,20.8s,baz=299,slow=33					
IRK	comp=Z,106nm,1.0s					
IRK	comp=Z,116nm,2.1s					
BJ12	45.64 73 P	P	P	06 01 22.9	-1.0	
BJ12	45.64 303 P	P	P	06 01 24.7	+0.8	
BJ12	45.86 282 P	P	P	06 01 25.6	-0.2	
BJ12		S	S	06 08 08.6	-0.7	
BJ12	comp=Z,54nm,1.4s					
BJ12	comp=Z,1.1um,3.9s					
BJ12	comp=Z,18um,17.7s					
BJ12	comp=Z,12um,16.0s					
BJ12	comp=Z,16um,18.5s					
BJT	Baijiatuu	45.86 282	IAMs_20	IAMs_20	06 20 03.9	
SHPR	Sheep Range	46.05 84	P	P	06 01 27.0	-0.6
TLY	Talaya	46.27 302	ceP	ceP	06 01 30.2	+1.3
TLY	comp=Z,40nm,1.7s					
NOR	Nord	46.32 4	iP	P	06 01 29.1	+0.1
NOR	Nord	46.32 4	iP	P	06 01 30.6	+1.7
NOR	Nord	46.32 4	iP	P	06 01 29.1	+0.1
MTPC	Mountain Pass	46.47 85	P	IAMB	06 01 30.5	-0.3
MTPC	comp=Z,235nm,1.2s					
ULN	Ulaanbaatar	46.55 296	P	P	06 01 30.4	-0.9
ULN	Ulaanbaatar	46.55 296	IAMs_20	IAMs_20	06 21 25.0	
ULN	Ulaanbaatar	46.55 296	ceP	ceP	06 01 30.9	-0.4
ULN	comp=Z,28nm,1.3s					
ULN	Ulaanbaatar	46.55 296	P	P	06 01 30.8	-0.5
ULN	comp=Z,7um,comp=Z,197nm,1.4s					
SZCU	Shurtz Canyon	46.62 81	P	IAMB	06 01 31.7	-0.4
SZCU	comp=Z,429nm,1.7s					
NEEM	North Greenlan	46.75 14	iP	P	06 01 32.8	+0.1
NEEM	comp=Z,1um,1.4s					
NEEM	North Greenlan	46.75 14	iP	P	06 01 31.6	-1.1
SOMM	Songino Array	46.93 297	P	P	06 01 33.9	-0.4
SOMM	comp=Z,27nm,1.2s,baz=56,slow=7.5,SNR=23					
SOMM	comp=Z,1.5nm,0.8s,baz=48,slow=2.1,SNR=2.3					
SOMM	comp=Z,38um,18.2s,baz=58,slow=38					
SOMM	comp=Z,27nm,1.2s					
SOMM	Songino Array	46.93 297	P	IAMB	06 01 32.8	-1.5
PFO	Pinyon Flats O	47.15 88	LR	LR	06 18 55.3	
PFO	Pinyon Flats O	47.15 88	ceP	ceP	06 01 36.2	0.0
ZAK	Zakamensk	47.18 301	ceP	ceP	06 01 35.7	-0.5
ZAK	comp=Z,126nm,1.7s					
JOW	Kunigami	47.26 259	LR	LR	06 19 37.1	
JOW	Kunigami	47.26 259	P	P	06 01 37.2	+0.2
MOY	Mondy	47.65 304	ceP	ceP	06 01 39.2	-0.7
TIA	Tai'an	47.68 277	P	S	06 01 39.0	-1.2
TIA	comp=Z,1um,1.4s					
TIA	comp=Z,44nm,1.0s					
TIA	comp=Z,2um,4.7s					
TIA	comp=Z,22um,20.2s					
TIA	comp=Z,22um,20.8s					
TIA	comp=Z,29um,16.9s					
BC3	Big Chuckawalk	47.74 87	IAMs_20	IAMs_20	06 19 52.7	
KULLO	Kullorsuaq	47.75 18	iP	IAMB	06 01 40.5	+0.4
KULLO	comp=Z,318nm,1.3s					
KULLO	Kullorsuaq	47.75 18	iP	P	06 01 40.3	+0.2
O2A	White River Ci	47.96 75	IAMs_20	IAMs_20	06 19 19.1	
RSSD	Black Hills	48.00 69	P	P	06 01 41.1	-1.7
HHC	Hu-ho-hao-te	48.11 286	iP	S	06 01 43.5	0.0
HHC			S	S	06 08 37.4	-4.3
HHC			sS	sS	06 08 52.4	+4.2
HHC	comp=Z,73nm,1.7s					
HHC	comp=Z,2um,6.6s					
HHC	comp=Z,19um,15.3s					
HHC	comp=Z,26um,16.1s					
HHC	comp=Z,34um,17.4s					
MDND	Madlock	48.28 62	IAMs_20	IAMs_20	06 21 24.2	
HAYD	Hayden	48.31 74	P	IAMB	06 01 44.6	-0.6
HAYD	comp=Z,224nm,1.4s					
HAYD	comp=Z,24um,21.0s					
HNS	HongShan	48.39 280	iP	P	06 01 45.1	-0.5
HNS			PcP	PcP	06 03 14.3	+2.4
HNS			ScP	ScP	06 07 05.9	-0.1
HNS			S	S	06 08 47.5	+2.0
HNS	comp=Z,300nm,1.4s					
HNS	comp=Z,18um,17.5s					
HNS	comp=Z,28um,16.2s					
HNS	comp=Z,24um,16.7s					
E28A	Huff	48.43 64	IAMs_20	IAMs_20	06 23 07.2	
GUMO	Guam	48.53 232	LR	LR	06 20 30.7	
GLA	Glamis	48.53 87	P	IAMB	06 01 46.2	-0.6
GLA	comp=Z,273nm,1.2s					
GLA	Glamis	48.53 87	P	P	06 01 46.2	-0.6
GLA	comp=Z,273nm,1.3s					
PV23	Carpenter Ridg	48.56 78	P	P	06 01 46.5	-0.7
SSE	Sheshan	48.60 269	S	S	06 07 05.9	-1.3
SSE			S	S	06 08 49.0	+0.4
SSE	comp=Z,84nm,2.0s					
SSE	comp=Z,1um,4.4s					
SSE	comp=Z,8um,20.6s					
SSE	comp=Z,2um,20.4s					
ULM	Lac du Bonnet	48.88 58	P	P	06 01 48.6	-0.6
ULM	comp=Z,7.5nm,0.8s,baz=307,slow=8.2,SNR=9.7					
ULM	comp=Z,2.1nm,0.8s,baz=180,slow=3,SNR=1.6					
ULM	comp=Z,38um,18.1s,baz=312,slow=39					
ULM	comp=Z,7.5nm,0.8s					
WU1AZ	Wupaki	49.02 82	iP	P	06 01 50.1	-0.5
PATS	Pohnpei	49.07 212	P	P	06 01 54.0	+3.0
PATS	Pohnpei	49.07 212	IAMs_20	IAMs_20	06 17 21.3	
PATS	Pohnpei	49.07 212	P	P	06 01 54.4	+3.4
BT02	Botou	49.17 287	ceP	S	06 01 51.8	0.0
BT02			S	S	06 08 58.1	+1.3

BT02	comp=Z,160nm,1.4s					
BT02	comp=Z,6um,4.1s					
BT02	comp=Z,115um,17.6s					
UPNV	Upenovik	49.25 20	iP	P	06 01 51.9	+0.2
UPNV	comp=Z,328nm,1.2s					
KBS	Kingsbay	49.27 358	P	IAMB	06 01 52.9	+1.1
KBS	comp=Z,373nm,1.2s					
KBS	Kingsbay	49.27 358	ceP	P	06 01 52.5	+0.7
KBS	comp=Z,6um,2.5s					
KBS	comp=Z,9um,16.3s					
KBS	comp=Z,733nm,2.5s					
KBS	Kingsbay	49.27 358	iP	P	06 01 53.2	+1.5
KBS	Kingsbay	49.27 358	iP	P	06 01 52.5	+0.7
NJ2	Nanjing	49.39 272	iP	P	06 01 52.3	-1.9
NJ2	comp=Z,100nm,2.1s					
NJ2	comp=Z,2um,5.0s					
NJ2	comp=Z,9um,14.2s					
NJ2	comp=Z,13um,18.0s					
NJ2	comp=Z,20um,17.9s					
TIY	Taiyuan	49.57 282	P	S	06 01 55.1	+0.4
TIY	comp=Z,66nm,1.4s					
TIY	comp=Z,26um,23.4s					
TIY	comp=Z,17um,28.2s					
TIY	comp=Z,10um,21.3s					
MVCO	Mesa Verde	49.66 79	IAMs_20	IAMs_20	06 20 07.7	
MVCO	Mesa Verde	49.66 79	iP	P	06 01 54.8	-0.9
ISCO	Idaho Springs	49.74 74	IAMs_20	IAMs_20	06 20 41.2	
ISCO	Idaho Springs	49.74 74	ceP	P	06 01 55.8	-0.5
ISCO	Idaho Springs	49.74 74	iP	P	06 01 55.7	-0.6
SPAO	Spitsbergen Ar	49.86 356	ceP	P	06 01 56.2	-0.2
SPAO	comp=Z,8um,3.2s					
SPAO	comp=Z,7um,13.6s					
SPITS	Spitsbergen Ar	49.86 356	P	LR	06 01 56.1	-0.2
SPITS	comp=Z,11um,19.1s,baz=6.0,slow=38					
SPITS	comp=Z,168nm,0.9s					
SFX	San Felipe	49.89 89	P	IAMB	06 01 56.2	-1.0
SFX	comp=Z,331nm,1.7s					
AGMN	Agassiz Nation	50.04 60	IAMs_20	IAMs_20	06 25 43.6	
AGMN	Agassiz Nation	50.04 60	iP	P	06 01 55.5	-2.6
KNGR	Kungturgut, Tuv	50.05 304	ceP	P	06 01 59.5	+1.2
KNGR	comp=Z,7.0nm,1.1s					
EPLD	Experimental L	50.34 57	P	P	06 01 58.6	-1.8
Q24A	Divide	50.55 75	P	P	06 02 02.0	-0.5
SUSD	Miller	50.69 65	IAMs_20	IAMs_20	06 23 49.1	
SUSD	comp=Z,33um,19.0s					
NUUG	Nuugaatsiaq	50.78 20	iP	IAMB	06 02 03.7	+0.4
NUUG	comp=Z,26um,1.4s					
NUUG	Nuugaatsiaq	50.78 20	iP	P	06 02 03.8	+0.4
HOPEN	Hopen	50.99 353	ceP	P	06 02 06.3	+1.4
HOPEN	comp=Z,9um,2.6s					
HOPEN	comp=Z,6um,25.9s					
HOPEN	comp=Z,6um,25.9s					
TARA	Tarawa	51.00 192	P	P	06 02 09.6	+4.0
HSPB	Hornsund (broa	51.05 356	ceP	P	06 02 05.2	-0.1
HSPB	Hornsund (broa	51.05 356	ceP	P	06 02 07.9	+1.7
OGNE	Ogallala	51.12 71	P	IAMB	06 02 06.0	-0.5
OGNE	comp=Z,308nm,1.4s					
OGNE	comp=Z,32um,18.0s					
SDCO	Great Sand Dun	51.13 76	IAMs_20	IAMs_20	06 27 53.0	
SDCO	Great Sand Dun	51.13 76	iP	P	06 02 05.8	-1.0
NIAQ	Niaqortat	51.25 21	iP	IAMB	06 02 07.9	+1.0
NIAQ	comp=Z,519nm,1.4s					
F33A	5 Mile Ranch,	51.31 62	IAMs_20	IAMs_20	06 23 15.2	
K30B	Basset	51.43 67	IAMs_20	IAMs_20	06 23 21.6	
TUC	Tucson	51.53 85	iP	P	06 02 09.1	-0.6
LYN	LuoYang	51.63 279	iP	P	06 02 09.8	-0.4
LYN	comp=Z,68nm,0.9s					
LYN	comp=Z,3um,4.9s					
LYN	comp=Z,34um,17.5s					
LYN	comp=Z,2.1um,20.5s					
LYN	comp=Z,27um,19.2s					
SAATT	Saattut	51.67 20	iP	IAMB	06 02 09.8	-0.2
SAATT	comp=Z,156nm,1.2s					
KSCO	Kaye Shedlock	52.02 73	IAMs_20	IAMs_20	06 21 45.3	
T25A	Trinidad	52.18 76	IAMs_20	IAMs_20	06 21 59.7	
SAOQ	Saqqaaq	52.22 21	iP	IAMB	06 02 10.5	+0.9
SAOQ	comp=Z,1um,2.3s					
FRB	Frobisher Bay	52.24 32	LR	LR	06 27 59.2	
FRB	comp=Z,57um,19.7s,baz=303,slow=40					
FRB	Frobisher Bay	52.24 32	P	P	06 02 13.4	-0.9
FRB	Frobisher Bay	52.24 32	iP	P	06 02 13.2	-1.1
ANMO	Albuquerque	52.40 79	LR	LR	06 22 08.9	
ANMO	Albuquerque	52.40 79	IAMs_20	IAMs_20	06 21 34.6	
ANMO	Albuquerque	52.40 79	IAMs_20	IAMs_20	06 21 23.7	
ANMO	Albuquerque	52.40 79	IAMs_20	IAMs_20	06 21 23.7	
ANMO	Albuquerque	52.40 79	ceP	P	06 02 16.0	-0.2
ANMO	comp=Z,280nm,2.5s					
ANMO	Albuquerque	52.40 79	iP	P	06 02 15.8	-0.4
ECSD	EROS Data Cent	52.45 65	IAMs_20	IAMs_20	06 22 56.5	
ECSD	EROS Data Cent	52.45 65	iP	P	06 02 13.6	-2.7
GDH	Godhavn	52.45 22	iP	IAMB	06 02 15.0	+0.8
GDH	comp=Z,287nm,1.4s					
EYMN	Ely	52.56 58	IAMs_20	IAMs_20	06 24 46.2	
EYMN	Ely	52.56 58	iP	P	06 02 15.3	-1.7
AMTX	Khatimati	52.57 154	P	P	06 02 20.9	+3.5
SUMG	Summit	52.61 14	P	P	06 02 16.8	-0.7
SUMG	Summit	52.61 14	P	P	06 02 18.5	+1.0
SUMG	Summit	52.61 14	iP	P	06 02 16.0	-1.5
SUMG	comp=Z,677nm,1.2s					
SUMG	Taipei	52.61 14	iP	P	06 02 17.7	+0.2
TATO	Taipei	52.77 264	IAMs_20	IAMs_20	06 28 31.5	

ILULI	Ilulissat	53.03 21	IAMs_20	IAMs_20	06 28 17.6	
ILULI	Ilulissat	53.03 21	iP	IAMB	06 02 20.0	-0.1
ILULI	Ilulissat	53.03 21	iP	P	06 02 20.2	+0.1
YHNB	Yeheng	53.07 263	P	P	06 02 22.3	+1.2
BGNE	Belgrade	53.07 68				

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like LZDM, N3BA, JFWS, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like P43A, KURBB, KURBB, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like BORK, GOMU, SADO, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Zacatecas, Namsos, Klimovskoe, Savo Central, Beattyville, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like DOMB, PUL, MWPI, HRV, 250A, BRAL, FOO, RKPI, TNCH, AAK, NB2, NOA, HYA, SUE, NC602, N65A, AKTO, SKAR, SWI, SIJ, LSA, AB31, DGTI, BER, AKN, UNM, PMG.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like PMG, Port Moresby, Taraz, DZA, Y57A, OSL, MOKO, SARAU, TAVE, KK31, KKAR, TNTI, KONO, TAOE, TAOE, BRLS, 553A, KMP1, BLSS, TAWA, FAKI, KSH2, TEZP, KMY, BELG, IUG, MSVF, CHM, OBN.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like OBN, OBNS, and various regional stations.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NLAI, LAWE, AGT, and various regional stations.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BHK, BRCI, YATNC, and various regional stations.

Table with columns: BRG, Berggiesshubel, 77.08 352, S, S, 06 14 44.0 -0.7, etc. Includes stations like Berggiesshubel, GOF, CHVC, MTSU, OSTC, etc.

Table with columns: KHC, Kasperske Hory, 78.84 352, eP, P, 06 05 07.1 +0.5, etc. Includes stations like KHC, BUR08, BUR09, BURAR, etc.

Table with columns: MLR, Muntele Rosu, 80.81 343, pP, P, 06 05 20.8 +3.4, etc. Includes stations like MLR, RAO, WTTA, KBA, SQTA, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like Prapat, GMJI, KCSI, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like PCAS Casmilo, EPGI Enggano, PCBR Castelo Branco, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like SPBC San Pablo de B, KHZ Kahutara, JAMC Jamundi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include TAFP Tanaga Falls P, TANO Tanaga North, KIMD Kanaga Island, etc.

IPEC 23 06:07:36.7, 0.2, 51.45N, 16.32E, h1km, ML2.5/6, Error ellipse: s-maj=2.6km s-min=1.4km az=76.0

PRU 23 06:07:39.0, 0.1, 51.37N, 16.24E, h0km, m3.5/3.1, mbmp3.7/4, ML3.1/3, Error ellipse: s-maj=30.4km

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KSP Ksiaz, KSP KSP, CHVC Chvalec, OSTC Ostas, etc.

IDC 23 06:08:41.5, 1.5, 52.35N, 178.93W, h0km, mb3.5/5, mbmp3.6/6, ML4.0/1, Error ellipse: s-maj=95.2km

h10km, 1km, mb3.8/3, ML3.9/14, ML3.5(AEIC), Error ellipse: s-maj=5.9km s-min=2.4km az=175.0

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include TAFP Tanaga Falls P, TAPA Tanaga Point A, TASE Tanaga Southea, etc.

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Kamikawa-asahi, etc.

1545

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AKASG Malin Array Be, NVAR Mina Array Bea, ASAR Alice Springs, etc.

AEIC 23 06:23:55.6:4.5, 51.85N, 0.10:177.86W:0.02, h5km, 2km, Error ellipse: s-maj=14.5km, s-min=1.8km, az=175.0

NEIC 23 06:23:55.7:2.2, 51.98N, 0.05:177.89W:0.04, h10km, 1km, mb, 0/29, ML3.7/14, ML3.3(AEIC), Error ellipse: s-maj=9.4km, s-min=3.0km, az=161.0

IDC 23 06:24:14.0:12.0, 52.44N, 176.83W, h96km, 96km, mb3.2/5, mbmp3.5/7, ML2.7/2, Error ellipse: s-maj=78.9km, s-min=26.8km, az=25.0

ISC 23 06:23:55.7:0.7, 51.87N, 0.05:177.86W:0.02, h11km, 4km, n79, r132/92, mb, 0.4/14, Andeanof Islands

Main station list for 1545, including TAPA Tanaga Point A, TAFAP Tanaga Falls P, TASE Tanaga Southea, etc.

2020 JAN

Table with columns: I29M, Iamb, Iamb, 06 29 15.2, etc. Includes stations like F28M Old Crow, I30M Mount Demister, etc.

AEIC 23 06:28:37.2:2.0, 51.8N, 0.1:177.87W:0.03, h5km, 5km, Error ellipse: s-maj=21.1km, s-min=1.4km, az=174.0

NEIC 23 06:28:38.2:1.5, 51.88N, 0.08:177.86W:0.02, h10km, 1km, mb3.6/16, ML3.7/10, ML3.3(AEIC), Error ellipse: s-maj=13.3km, s-min=2.2km, az=173.0

IDC 23 06:28:41.8:7.3, 51.66N, 176.96W, h0km, mb3.3/4, mbmp3.5/5, ML3.4/1, Error ellipse: s-maj=116.8km, s-min=81.6km, az=71.0

ISC 23 06:28:37.0:0.8, 51.84N, 0.05:177.85W:0.02, h8km, 5km, mb, n68, r095/82, mb3.6/16, Andeanof Islands

Main station list for 2020 JAN, including TAPA Tanaga Point A, TAFAP Tanaga Falls P, TASE Tanaga Southea, etc.

23 06 6h

Table with columns: INK, Inuvik, 26.74 35 P, P, 06 34 19.4 +2.1, etc. Includes stations like INK Inuvik, YVSK Ketchikan, etc.

AFAD 23 06:32:42.5, 39.00N, 27.91E, h7km, 6km, ML1.8, Turkey

Main station list for 23 06 6h, including AKHS Akhisar, AKHS Akhisar, AKHS Akhisar, etc.

SNET 23 06:41:13.0:0.8, 13.39N, 89.63W, h64km, 6km, ML2.4, CATAc 23 06:41:13.0:0.4, 13.1N, 89.0W, h42km, 3km, ML2.7/18, MLV2.7/18, Error ellipse: s-maj=6.8km, s-min=4.3km

GCG 23 06:41:14.9:0.6, 13.50N, 89.66W, h57km, 5km, MD3.7, Presumed earthquake

ISC 23 06:41:13.7:1.9, 13.38N, 0.07:89.63W:0.06, h63km, 9km, n43, r038/70, 3D, El Salvador

Main station list for 23 06 6h, including LALI Alcaldia de L, LALI Alcaldia de L, LALI Alcaldia de L, etc.

23d 6h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UESV, SCLA, LLGN, MTO3, etc.

RSNC 23 06:41:42.5:0.0, 8'N, 2° 7' 3W, h=1km, M2.2, ML2.0, MLV2.6
FUNV 23 06:41:43.2, 7.58N, 72.38W, h5km, MW2.9, Presumed earthquake
ISC 23 06:41:39.6:1.1, 7.58N, 0.03:72.48W:0.03, h12km, 11km, n18, c096/30, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PAMC, CAPV, OCAC, BARC, etc.

IDC 23 06:44:27.8:1.0, 51.80N, 177.83W, h0km, mb3.8/8, mbtmp3.9/11, ML3.9/2, Error ellipse: s-maj=29.3km s-min=19.8km az=163.0
AEIC 23 06:44:28.7:1.6, 51.3N:0.1:177.88W:0.08, h6km, 5km, Error ellipse: s-maj=19.4km s-min=4.7km az=163.0
NEIC 23 06:44:29.7:1.7, 51.3N:0.2:177.84W:0.06, h10km, 1km, mb4.1/66, ML4.2/10, ML3.7(AEIC), Error ellipse: s-maj=26.4km s-min=3.0km az=166.0
ISC 23 06:44:29.3:0.8, 51.84N:0.06:177.84W:0.02, h12km, 5km, n128, c097/113, mb4.1/26, Andeanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TAPA, TAFP, TASE, TACS, etc.

2020 JAN

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like M17K, P18K, PETK, etc.

1546

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TANO, TAFI, KIMD, etc.

n79, 0591/87, mb3.4/8, Andreeof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TAPA Tanaga Point A, TAPF Tanaga Falls P, TASE Tanaga Southea, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KDTR Khodutka, MIPR Malaya Ipe'l'ka, ASAK Asacha, etc.

AFAD 23 07:12:16.4, 38.04N, 43.06E, h7km, 6km, ML2.6

ISK 23 07:12:16.0, 38.04N, 42.93E, h5km, ML2.6/9

ISC 23 07:12:16.1, 2.38, 02N, 0.03, 43.01E, 0.03, h3km, 10km, n25, 0594/40, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GEVA Gevas, AKDM Akdamar-Van, PERV Siirt/Perveri, etc.

AEIC 23 07:30:36.4, 1.9, 51.8N, 0.1, 177.72W, 0.02, h5km, 6km

Error ellipse: s-maj=18.6km, s-min=1.4km, az=176.0

NEIC 23 07:30:37.5, 1.5, 51.8N, 0.1, 177.72W, 0.02, h10km, 1km

mb3.8/16, ML3.7/10, ML3.3(AEIC), Error ellipse: s-maj=20.2km, s-min=3.0km, az=176.0

IDC 23 07:30:41.1, 3.2, 52.48N, 177.52W, h0km, mb3.2/3, mbtmp3.5/6, ML3.5/3, Error ellipse: s-maj=67.4km, s-min=33.5km, az=14.0

ISC 23 07:30:37.7, 0.9, 51.85N, 0.06, 177.72W, 0.02, h5km, 7km

n72, 0595/71, mb3.3/4, Andreeof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TAPA Tanaga Point A, TAPF Tanaga Falls P, TASE Tanaga Southea, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GAEA Gareloi East, GANE Gareloi North, GALAA Gareloi Lava P, etc.

AFAD 23 07:30:56.4, 40.11N, 33.29E, h24km, ML0.9, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GOKD Ankara-Kalecik, GOKD Ankara-Kalecik, GOKD Ankara-Kalecik, etc.

KRSC 23 07:03:27.7, 1.3, 48.83N, 156.29E, h17km, 15km, MI4.0, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, SKR Kuril's, PAU Pauzhetka, etc.

KRSC 23 07:03:27.7, 1.3, 48.83N, 156.29E, h17km, 15km, MI4.0, East of Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, SKR Kuril's, PAU Pauzhetka, etc.

RSPR 23 07:35:52.9, 17.91N, 66.94W, h9km, MD2.8/6

NEIC 23 07:35:52.1, 1.0, 17.86N, 66.92W, h9km, 0.01, h10km, 1km

ML2.5/37, Md2.8/6(RSPR), 1C-2D, Error ellipse: s-maj=4.0km, s-min=2.3km, az=193.0, Puerto Rico region

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Magu Reyes Islan, Cabo Rojo, Las Mesas, Obispo Ponce, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Esperanza - Ma, San Juan, San Juan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Tanaga Southea, Kanaga Island, Tanaga Cape Sa, etc.

AEIC 23 07:54:35.6i.3.1, 51.8N.0.1x.177.71W.0.05, h4km, 5km, Error ellipse: s-maj=18.7km s-min=1.3km az=168.0

comp=Z,0.6nm,0.9s,baz=24,slow=5.7,SNR=2.9
comp=Z,0.6nm,0.9s

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for AFAD 23 07:55:09.2, 39.83N, 33.09E, h7km, 3km, ML1.1, Turkey and GOKD Ankara-Kalecik 0.39 51, KRGN Kargin 0.58 37, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for AFAD 23 07:55:12.8, 40.10N, 33.18E, h7km, 3km, ML1.0, Turkey and GOKD Ankara-Kalecik 0.23 97, KRGN Kargin 0.34 56, etc.

RSNC 23 08:01:46.6, 0.7N, 1.7W, h151km, 2km, M2.9, mb3.3, mB4.6, ML2.7, ML3.3, Mw(mB)3.8, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for BARC Barichara 0.25 187, BRUC Barrancabermej 0.60 283, PAMC Pamplona, Colo 0.67 42, etc.

AEIC 23 08:06:06.1±1.6, 51.87N, 0.06±1.77, 88W±0.02, h5km, 2km, Error ellipse: s-maj=8.1km s-min=1.3km az=174.0
NEIC 23 08:06:07.4±1.1, 51.87N, 0.06±1.77, 87W±0.01, h8km, 4km, mb3.6/4, ML3.6/10, ML3.2(AEIC), Error ellipse: s-maj=8.1km s-min=0.6km az=173.0, Andreanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for TAPA Tanaga Point A 0.06 149, TAPF Tanaga Falls P 0.08 292, TASE Tanaga Southeast 0.11 252, etc.

Table with columns: GSTR, Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for GSTR comp=E, 1µm, 0.6s, GSIG Igitkin Island 1.21 84, CEPE Semis Perret 1.54 275, AMKA Amchitka 1.83 256, etc.

IDC 23 08:07:06.7, 1.9, 2.03N, 127.65E, h0km, mb3.7/4, mbmtmp3.8/4, Error ellipse: s-maj=107.9km s-min=23.2km az=69.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for FITZ Fitzroy Crossi 20.10 186, WRA Warramunga Arr 22.80 164, ASAR Alice Springs 26.26 167, etc.

SDD 23 08:08:13.7, 1.4, 2.01N, 187.52W, h18km, 20km, MD3.4, ML2.6, MW3.2, Presumed earthquake

OSPL 23 08:08:18.4±2.2, 19.96N, 70.51W, h0km, 11km, ML2.6, Presumed earthquake

ISC 23 08:10:49.1, 3.2, 20.01N, 0.04, 70.50W, 0.03, h10km, 12km, n21, c105/34, 11C-SD, Dominican Republic region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for SODR Sosua Marina B 0.27 196I, SODR comp=N, 3µm, 1.6s, SODR Luperon 0.44 254I, etc.

AEIC 23 08:11:05.1±3.2, 51.8N, 0.1±1.77, 76W±0.05, h5km, 6km, Error ellipse: s-maj=17.4km s-min=4.1km az=174.0
NEIC 23 08:11:07.6±1.1, 51.77N, 0.07±1.77, 88W±0.03, h5km, 6km, n56, c112/61, mb4.1/7, Andreanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for TAPA Tanaga Point A 0.06 142, TASE Tanaga Southeast 0.12 302, TAPF Tanaga Falls P 0.14 333, etc.

Table with columns: AMKA Amchitka 1.81 258, AMKA comp=E, 650nm, 0.9s, AMKA comp=N, 697nm, 1.1s, ATKA Atka Island 2.32 78, etc.

J19K Port Alsworth 15.57 48, N19K Bonanza Creek 17.54 46, L19K White Mountain 16.21 41, etc.

KTH KTH 18.45 40, KTH comp=Z, 12nm, 1.0s, TRF Thorofare Mouth 18.66 41, etc.

BPAW Bear Paw Mtn. 18.68 38, I21K Tanana 18.87 35, I21K I21K 18.87 35, etc.

D19K Kuna River 19.28 22, CCB Clear Creek Bu 20.16 39, CCB comp=Z, 7.2nm, 1.2s, etc.

G23K Bananza Creek 20.39 32, PAX Paxson 20.50 44, N25K Chitina, Valde 20.52 48, etc.

COLD Coldfoot 20.62 31, H24K Noodor Dome 20.68 36, H24K comp=Z, 7.5nm, 1.0s, etc.

RIDG Independent Ri 21.02 43, RIDG comp=Z, 12nm, 1.1s, MENT Mentasta 21.26 45, etc.

D23K Nanushuk River 21.53 27, D23K comp=Z, 4.7nm, 0.8s, DAWY Dawson 23.42 43, etc.

I28M Miner Creek 23.57 40, I28M comp=Z, 6.7nm, 1.1s, F28M Old Crow 24.31 35, etc.

J30M Hart River 24.84 43, J30M comp=Z, 3.5nm, 1.0s, I30M Mount Dempster 24.95 41, etc.

HHC Hu-ho-hao-te 48.13 286, HHC comp=Z, 6.0nm, 0.7s, PZH PanZhiHua 63.84 280, etc.

IDC 23 08:11:45.2±1.9, 52.78N, 170.59W, h0km, mb3.4/5, mbtmp3.3/6, ML2.7/1, Error ellipse: s-maj=48.2km s-min=26.0km az=10.0

ISC 23 08:11:47.5±1.9, 53.0N, 0.3±170.5W±0.2, h10km, n12, c1936/36, mb3.3/5, Fox Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for ILAR Eielson Array 16.84 36, YKA Yellowknife Ar 30.35 50, H11N2 WAKE ISLAND Hy 37.53 217, etc.

H11N3 WAKE ISLAND Hy 37.53 217, H11N1 WAKE ISLAND Hy 37.55 217, H11S1 WAKE ISLAND Hy 38.72 216, etc.

H11S2 WAKE ISLAND Hy 38.74 216, H11S3 WAKE ISLAND Hy 38.74 216, ELK Elko 38.76 86, etc.

PDAR Pineda Array 40.95 79, TXAR Lajitas Array 53.41 89, MKAR Makanchi Array 62.90 313, etc.

UPA 23 08:16:13.8±2.0, 8.87N, 84.19W, h5km, MW4.4, Presumed earthquake

UCR 23 08:16:15.2±2.1, 8.92N, 84.08W, h15km, 7km, MW4.5, Presumed earthquake

CATAC 23 08:16:15.2±0.4, 9.1N, 84.4W, h4km, 2km, M4.3/17, ML4.3/17, Error ellipse: s-maj=7.2km s-min=2.6km az=47.4, confirm

ISC 23 08:16:15.2±0.4, 9.1N, 84.4W, h4km, 2km, M4.3/17, n188, c1916/218, 41C-CD, off coast of Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes entries for OCHAL Ojochal 0.44 68, OCHAL Quepos 0.51 348, QUEP Quepos 0.51 348, etc.

PIRO	Carate, Puerto	0.89 126	eP	Sb	08 16 43.8	-0.8	PVID3	Puerto Vidal,	2.58 110	eP	Pn	08 16 58.0	+1.0	LIOB	Emei	1.05 292	eP	Pb	08 22 24.6	+0.7							
PIRO	Carate, Puerto	0.89 126	eP	Pb	08 16 31.4	-1.2	LCRUZ	La Cruz,	2.64 324	eP	Pb	08 17 00.7	-1.7	NSIT	Nanjung	1.06 291	P	Pb	08 22 24.4	+0.3							
REPA	Paraso	0.91 12	iP	Pb	08 16 32.0	-1.1	MESA3	La Mesa, Verag	2.95 105	eP	Pb	08 17 03.0	+0.9	NTST	Danshui	1.08 328	P	Pb	08 22 24.3	-0.1							
EDAD	Golfito	0.93 107	eP	Pb	08 16 31.8	-1.4	MESA3					08 17 03.4	+1.6	NCU	National Centr	1.09 311	P	Pb	08 22 22.6	-1.2							
TAGO	Carriago	0.94 8	iP	Pb	08 16 32.7	-0.9	SFAF3	Santa Fe, Vera	2.98 98	iP	Pb	08 17 03.4	+0.9	NCU							08 22 39.1	+1.1					
TAGO	Golfito	0.94 109	eP	Pb	08 16 32.7	-0.9	SFAF3					08 17 03.4	+0.9	NUH	Zhongli	1.09 311	eS	Pb	08 22 24.5	-0.3							
PURI	Puriscal	0.94 345	iP	Pb	08 16 32.8	-0.9	RSUS3	Rio de Jesus,	3.02 108	eP	Pn	08 17 02.5	-0.6	WCS	Beiangng Elemen	1.09 260	Pb	Pb	08 22 24.5	-0.1							
AMPA	Desamparados	0.96 360	eP	Pb	08 16 32.7	-1.2	GMAL	Guarumar, Vera	3.03 112	eP	Pb	08 17 04.5	+1.3	ECBN	Changbin	1.09 212	eP	Pb	08 22 23.1	-0.8							
TRIO	Tres Rios	0.97 4	iP	Pb	08 16 32.9	-1.2	GMAL					08 17 42.1	+2.4	ECBN							08 22 37.2	-1.3					
LUJA	Lujan	0.99 359	iP	Pb	08 16 33.3	-1.1	SFRA3	San Francisco,	3.13 102	eP	Pn	08 17 06.0	+1.5	TWY	Chenhua	1.11 337	eP	Pb	08 22 25.1	+0.1							
CENT	San Jose	0.99 359	eP	Pb	08 16 34.5	0.0	SFRA3					08 17 45.2	+3.0	VULB	Yu-hi	1.12 220	P	Pb	08 22 24.5	-0.5							
TRIP	Escuela Centro	1.00 0	iP	Pb	08 16 34.6	+1.9	SFRA3	Santiago, Vera	3.16 105	eP	Pn	08 17 15.9	+0.5	WLB	Wuli	1.12 220	P	Pb	08 22 24.5	-0.5							
SJS3	Mercedes San J	1.00 0	iP	Pb	08 16 33.7	-0.9	MARI3	Mariato, Vera	3.29 112	eP	Pn	08 17 08.5	+1.7	SSLB	Suanglung	1.13 246	P	Pb	08 22 25.0	-0.3							
SJS	Escuela Geolog	1.00 0	eP	Pb	08 16 33.6	-1.0	CAACO	Ei Cacao, Vera	3.54 116	eP	Pn	08 17 09.9	-0.3	SSLB	Suanglung	1.13 246	S	Pb	08 22 24.2	+3.1							
MEXI	Barrio Mexico	1.00 359	eP	Pb	08 16 33.7	-1.0	NANN	Nandasmo	3.61 326	P	Pn	08 17 11.8	+0.5	SSLB	Suanglung	1.13 246	P	Pb	08 22 24.7	-0.6							
SANTA	Santa Ana	1.00 353	iP	Pb	08 16 33.3	-1.3	CHIT3	Chitre	3.73 105	eP	Pn	08 17 13.6	+0.7	SSLB								08 22 40.7	+1.6				
PAVS	Payas, San Jos	1.01 357	iP	Pb	08 16 33.5	-1.2	BOAC	BOAC BROADBAN	84 336	P	Pn	08 17 16.0	+1.7	SSLB	Hsinchu	1.14 292	eP	Pb	08 22 25.5	+0.2							
VINA	Juan Vinas	1.01	P	Pb	08 16 33.8	-0.9	BOAB					08 18 01.5	+2.1	SSLB	Sun Moon Lake	1.14 282	eP	Pb	08 22 25.3	-0.3							
LUPE	Guadalupe	1.01 0	iP	Pb	08 16 33.8	-1.0	UNAN	Cigeo UNAN	3.84 326	P	Pn	08 17 15.5	+1.2	SMLT								08 22 39.6	+0.1				
TIBA	Tibas	1.03 359	eP	Pb	08 16 34.2	-0.8	MGAN	Managua	3.85 326	P	Pn	08 17 15.5	+1.0	TWF1	Yuli	1.15 219	eP	Pb	08 22 23.7	-0.9							
CORON	Coronado	1.04 3	eP	Pb	08 16 34.7	-0.5	MGAN					08 18 02.2	+2.1	TWF1								08 22 38.9	-1.1				
TURIB	Turrialba	1.04 21	iP	Pb	08 16 34.0	-1.2	TOSS3	Tonosí	3.89 113	eP	Pn	08 17 20.0	-3.8	HSN	Hsinchu	1.16 299	eP	Pb	08 22 25.9	+0.2							
RAMI	Santo Domingo	1.05 358	eP	Pb	08 16 34.6	+0.7	AZU3	Azuero	3.91 107	eP	Pn	08 17 10.7	+0.5	TYC	Yuchun	1.17 275	P	Pb	08 22 24.8	0.0							
BELE	Belen	1.05 353	iP	Pb	08 16 34.1	-1.2	ZANG	Zanguanga, Cho	4.14 89	eP	Pn	08 17 18.9	+0.4	TYC									08 22 26.9	+0.5			
RAFA	San Farael, Vo	1.05 13	eP	Pb	08 16 34.6	-0.9	CHOR3	La Chorrera	4.24 90	eP	Pn	08 17 24.5	+4.5	TWQ1	Lyutan	1.20 275	P	Pb	08 22 26.9	+0.5							
HEME	Heredia, Merce	1.06 356	iP	Pb	08 16 35.8	+0.1	FRJ1	Ei Hiral	4.29 86	eP	Pn	08 17 21.1	+0.5	TWQ1	Miaoqi	1.21 284	P	Pb	08 22 24.9	+1.3							
HDC	Heredia	1.07 357	eP	Pb	08 16 34.7	-1.0	GAMB1	Gambo	4.30 87	eP	Pn	08 17 20.8	+0.1	NMLH									08 22 27.1	+0.4			
VICA	Volcano Irazu	1.07 11	eP	Pb	08 16 35.0	-0.9	CELU	Cerro Azul, Pa	4.61 86	eP	Pn	08 17 25.4	+0.4	NMLH									08 22 44.5	+2.6			
VERB	Verde	1.07 20	eP	Pb	08 16 35.1	-0.8	TOT1	Toti	5.88 90	eP	Pn	08 17 25.4	+0.4	SNKY	Sanyi	1.22 278	eP	Pb	08 22 27.0	+0.6							
VITO	San Vito	1.08 96	eP	Pb	08 16 35.4	+0.6	CPZU	Meteti	4.99 93	eP	Pn	08 17 38.6	-5.3	CHKH	Chenggong	1.23 211	eP	Pb	08 22 25.0	-0.7							
ATEO	Atenas	1.09 343	iP	Pb	08 16 34.8	-1.2	CHKH																08 22 39.8	-1.6			
UELA	Alajuela	1.09 352	iP	Pb	08 16 35.0	-1.1	WHYT	Xinyi Township	1.25 244	eP	Pb	08 22 36.9	-0.5	WHYT										08 22 42.9	-0.2		
VTCV	VTCV, Calle Va	1.10 17	iP	Pb	08 16 35.6	-0.7	WHYT																	08 22 42.9	-0.2		
PAFO	Turrialba Volc	1.11 16	iP	Pb	08 16 36.0	-0.6	FULB	Fuli	1.27 215	eS	Pb	08 22 42.1	-0.5	FULB										08 22 42.1	-0.5		
CVTV	Tajo	1.11 16	iP	Pb	08 16 36.0	-0.6	FULB																	08 22 42.1	-0.5		
VTR0	Volcan Turrial	1.12 15	iP	Pb	08 16 36.1	-0.7	TCU	Taichung	1.29 266	eP	Pb	08 22 28.4	+0.4	TCU	Zhushan	1.31 251	eP	Pb	08 22 28.4	+0.4							
ABRB	Las Abras (San	1.12 18	iP	Pb	08 16 36.2	-0.5	WJS																	08 22 29.4	+1.1		
CVTR	Volcan Turrial	1.12 15	iP	Pb	08 16 36.1	-0.7	WJS																		08 22 29.4	+1.1	
TCST1	Tacares	1.13 348	eP	Pb	08 16 35.9	-0.9	CHKT	Chengkung	1.32 210	eP	Pb	08 22 46.4	+1.6	CHKT											08 22 46.4	+1.6	
TCST2	Tacares	1.13 348	eP	Pb	08 16 35.9	-0.9	CHKT																		08 22 46.4	+1.6	
NELY	Ciudad Nelly	1.14 104	iP	Pb	08 16 35.7	-1.5	WNT	Mingjian	1.33 254	eP	Pb	08 22 28.6	-0.1	PCYT	Pengchayui	1.37 360	P	Pb	08 22 28.6	-0.1							
POAS	San Pedro de P	1.15 351	eP	Pn	08 16 36.5	-1.0	ALS	Alishan	1.38 238	eP	Pb	08 22 27.1	-0.7	ALS											08 22 29.1	-0.6	
GREC	Grecia	1.16 348	eP	Pn	08 16 36.6	-1.0	EOS2	EOS2	0.22 38	iP	Op	ISC	h	m	s	ISC									08 22 46.7	-0.4	
PALD	Palmares	1.18 342	eP	Pn	08 16 36.0	-1.9	EOS2	EOS2	0.22 38	iP	Op	ISC	h	m	s	ISC										08 22 46.7	-0.4
VBV1	V. Barva	1.18 358	iP	Pn	08 16 37.0	-1.0	EOS3	EOS3	0.22 80	iP	S	Sb	08 22 15.0	+0.6	CHSH	Chishang	1.40 215	eP	Pb	08 22 28.6	+0.5						
WRC1	Wangsheng	1.19 346	eP	Pn	08 16 36.7	-1.7	EOS3	EOS3	0.22 80	iP	S	Sb	08 22 15.0	+0.6	WCHH	Zhanghua	1.40 263	eP	Pb	08 22 28.6	+0.5						
ALCO	Alturas Coton,	1.21 89	eP	Pn	08 16 36.7	-1.7	EOS3	EOS3	0.22 80	iP	S	Sb	08 22 15.0	+0.6	WCHH											08 22 28.6	+0.5
ARZA	Esparza	1.21 330	iP	Pn	08 16 36.0	-2.3	EOS4	EOS4	0.25 121	eP	Pb	08 22 10.4	-0.1	ELDTW	Lidau	1.44 223	eP	Pb	08 22 28.3	-0.5							
RAMO	San Ramon	1.22 341	eP	Pn	08 16 36.6	-1.8	EHP	Heping Village	0.32 281	iP	Pb	08 22 11.9	+0.1	CHN5	Tsauling	1.44 244	eP	Pb	08 22 29.9	-0.7							
CDITO	Canoaes	1.23 107	P	Pn	08 16 36.7	-1.7	EHAH	Aohua	0.33 284	P	Pb	08 22 18.6	-0.5	CHN5											08 22 50.1	+1.5	
MLR3	Monte Lirio, C	1.23 96	iP	Pb	08 16 37.8	-0.7	EHAH	Aohua	0.33 284	P	Pb	08 22 18.6	-0.5	GWK	Gukeng	1.50 248	eP	Pb	08 22 29.3	-0.3							
MLR3	Monte Lirio, C	1.23 96	iP	Pb	08 16 37.8	-0.7	EHAH	Aohua	0.33 284	P	Pb	08 22 18.6	-0.5	GWK	Gukeng	1.50 248	eP	Pb	08 22 29.3	-0.3							
MLR3	Monte Lirio, C	1.23 96	iP	Pb	08 16 37.8	-0.7	EHAH	Aohua	0.33 284	P	Pb	08 22 18.6	-0.5	GWK	Gukeng	1.50 248	eP	Pb	08 22 29.3	-0.3							
PAQE	Paquera	1.23 316	eP	Sg	08 16 56.8	+2.4	EWUT	Wuta	0.34 305	P	Pb	08 22 11.4	-0.7	IRIF											08 22 48.8	+0.5	
ROBF	Roble, Puntare	1.24 327	eP	Pb	08 16 36.8	-1.8	EWUT	Wuta	0.34 305	P	Pb	08 22 11.4	-0.7	IRIF												08 22 48.8	+0.5
CVTG	V. Turrialba,	1.24 13	iP	Pb	08 16 38.6	0.0	ENA	Nanau	0.36 300	iP	Sb	08 22 17.5	-0.4	WDLH	Douliu	1.52 249	P	Pb	08 22 31.6	-0.3							
LOCO	El Cocco	1.25 291	eP	Pb	08 16 38.1	-1.0	ENA	Nanau	0.36 300	iP	Sb	08 22 17.5	-0.4	WDLH	Douliu	1.52 249	P	Pb	08 22 31.6	-0.3							
VPS5	V Poas	1.25 352	iP	Pb	08 16 38.1	-1.0	ENL	Nanau																			

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SMAA Simav-Kutahya, SUSR Susurluk-Balik, YENI Yenice-Canakkale, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SJG San Juan, SJG San Juan, SJG San Juan, etc.

IDC 23 09:02:49.8.3.2.279N-127.36E, h0km, mb3.8/3, s-min=56.8km az=73.0, Northern Molouca Sea

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

ASRS 23 09:04:04.0.1.9.53.76N-91.04E, h0km, M3.1(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022.

IDC 23 09:04:45.7.4.4.5336N-101.909E-0.3, h10km, n7, r161/8, 4C-1D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZAAO Zalesovo Ponce, ZAAO Zalesovo Ponce, ZAAO Zalesovo Ponce, etc.

NEIC 23 09:21:38.3.0.3, 17.90N-0.05-66.84W-0.02, h20km, 2km, ML3.0/37, MD2.8/3(RSPR), Error ellipse: s-maj=7.8km

SDD 23 09:21:39.3.1.4, 17.92N-66.85W, h23km, 10km, MD3.3, ML2.7, MW3.0, Presumed earthquake

RSPR 23 09:21:39.1.1, 17.92N-66.84W, h16km, MD2.8/9

ISC 23 09:21:38.7.1.0, 17.92N-0.06-66.83W-0.02, h17km, 5km, n39, r072/60, 6C-11D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, GBPR Guanica, Bosqu, GBPR Guanica, Bosqu, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PDPR Patillas Dam, GPCR Guaynabo City, GPCR Guaynabo City, etc.

IDC 23 09:22:19.7.0.9.3900N-0.02-27.85E-0.02, h11km, 6km, n57, r0546/87, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DR12 Loma Pena Alta, HATOM Hato Mayor del, HATOM Hato Mayor del, etc.

AFAD 23 09:22:19.6.39.01N-27.87E, h10km, 3km, MW3.5

ISK 23 09:22:19.1.39.01N-27.86E, h3km, ML3.5/26

THE 23 09:22:30.0.39.01N-27.8E, h14km, 16km, M3.3/8, ML3.3/8

ISC 23 09:22:19.7.0.9.3900N-0.02-27.85E-0.02, h11km, 6km, n57, r0546/87, Turkey

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

23d 9h

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like KIEV, AK04, PETK, SORM, LUBAR, etc.

2020 JAN

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like KBN Korca, HAMF Hammerfest, OJC Ojcow, etc.

1558

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like QLP Quiplie, NSS Namsos, CEL Celeste, etc.

SLE	Schleitheim	71.74 315	P	P	09 59 25.0 +0.3
SLE	comp=Z,30nm,1.1s				
BFO	Black Forest	71.75 316	P	P	09 59 23.8 -0.9
BFO	Black Forest	71.75 316	P	P	09 59 23.8 -0.9
BUG	comp=Z,12nm,1.0s				
BUG	Bochum-Üniver	71.86 319	P	P	09 59 26.1 +0.9
NOR	comp=Z,53nm,1.1s				
NOR	Nord	72.68 352	i P	I Amb	09 59 28.8 -0.9
BTNL	comp=Z,18nm,1.1s				
BTNL	Terneil	72.73 318	d P	P	09 59 30.5 0.0
MEM	comp=Z,20nm,0.8s				
MEM	Membach	72.80 318	P	P	09 59 31.6 +0.7
MEM	comp=Z,33nm,1.0s				
MEM	Membach	72.80 318	d P	P	09 59 31.7 +0.7
SENIN	comp=Z,16nm,0.8s				
SENIN	Lac Senin/Sane	72.81 314	I Amb	I Amb	09 59 33.6
WLF	comp=Z,25nm,0.9s				
WLF	Waldrange	72.90 317	d P	P	09 59 30.7 -0.8
LSZ	comp=Z,42nm,1.0s				
LSZ	Lusaka	73.30 246	LR	LR	10 29 28.8
LSZ	comp=Z,88nm,21.9s,baz=340,slow=34				
LSZ	Lusaka	73.30 246	I Amb	I Amb	09 59 34.6 +0.1
LSZ	comp=Z,31nm,0.7s				
LSZ	Lusaka	73.30 246	P	P	09 59 34.6 +0.1
LSZ	comp=Z,31nm,0.7s				
LSZ	Lusaka	73.30 246	P	P	09 59 34.9 +0.4
BGES	comp=Z,14nm,0.9s				
BGES	Gesves	73.42 318	d P	P	09 59 35.3 +0.7
BNI	comp=Z,48nm,1.5s				
BNI	Bardonecchia	73.52 312	I Amb	I Amb	09 59 36.6
BNI	Bardonecchia	73.52 312	P	P	09 59 35.9 +0.4
BMRD	comp=Z,20nm,1.8s				
BMRD	Maredsous	73.64 318	d P	P	09 59 36.2 +0.4
KEST	comp=Z,31nm,0.9s				
KEST	Kesra	73.65 303	P	P	09 59 36.9 +0.6
KEST	comp=Z,31nm,0.9s				
KEST	Kesra	73.65 303	I Amb	I Amb	09 59 38.0
GAMB	comp=Z,34nm,0.9s				
GAMB	Gambell	73.91 27	P	P	09 59 36.5 -0.6
GAMB	Gambell	73.91 27	P	P	09 59 36.5 -0.6
LOR	comp=Z,21nm,1.3s				
LOR	Lormes	74.92 315	P	P	09 59 43.6 +0.2
TNA	comp=Z,21nm,1.3s				
TNA	Tin City	75.01 25	P	P	09 59 42.8 -0.8
TNA	Tin City	75.01 25	P	P	09 59 43.0 -0.5
WACR	comp=Z,26nm,1.1s				
WACR	West Acre	75.58 321	e P	P	09 59 47.5 +0.4
F14K	comp=Z,28nm,1.1s				
F14K	Arctic Creek	75.67 25	P	P	09 59 47.4 0.0
C17K	comp=Z,29nm,0.8s				
C17K	Delong Mountain	75.87 22	P	P	09 59 48.4 -0.1
RDQG	comp=Z,29nm,0.8s				
RDQG	Red Dog Mine	76.11 22	P	P	09 59 49.4 -0.5
D17K	comp=Z,29nm,0.8s				
D17K	Noatak River	76.17 22	P	P	09 59 50.1 0.0
F15K	comp=Z,26nm,1.1s				
F15K	North Star Dit	76.26 25	I Amb	I Amb	09 59 51.4
F15K	North Star Dit	76.26 25	P	P	09 59 50.6 -0.2
ANM	comp=Z,29nm,0.8s				
ANM	Norne	76.34 26	P	P	09 59 51.1 -0.2
MCD	comp=Z,29nm,0.8s				
MCD	Coleburn Disti	76.40 327	e P	P	09 59 52.4 +0.8
C18K	comp=Z,43nm,0.7s				
C18K	Utukok River	76.49 21	I Amb	I Amb	09 59 52.8
C18K	Utukok River	76.49 21	P	P	09 59 51.9 -0.1
EDMD	comp=Z,29nm,0.8s				
EDMD	Edmundbyers	76.49 324	e P	P	09 59 52.8 +0.5
DBG	comp=Z,28nm,0.7s				
DBG	Daneborg	76.50 345	i P	P	09 59 51.8 -0.2
DBG	Daneborg	76.50 345	I Amb	I Amb	09 59 52.9
G15K	comp=Z,22nm,1.1s				
G15K	Niukluk	76.74 25	P	P	09 59 52.8 -0.7
E17K	comp=Z,29nm,0.8s				
E17K	Hotham Inlet	76.84 23	P	P	09 59 54.1 +0.1
EDI	comp=Z,29nm,0.8s				
EDI	Edinburgh	76.85 325	e P	P	09 59 54.9 +0.7
C19K	comp=Z,30nm,0.8s				
C19K	Lookout Ridge	76.85 21	P	P	09 59 54.6 +0.5
A21K	comp=Z,29nm,0.8s				
A21K	Barrow	76.87 18	P	P	09 59 54.2 +0.2
EKA	comp=Z,28nm,0.8s,baz=80,slow=5.7,SNR=62				
EKA	Eskdalemuir Ar	77.00 324	P	P	09 59 55.5 +0.4
EKA	comp=Z,207nm,19.8s,baz=64,slow=36				
EKA	Eskdalemuir	77.02 324	I Amb	I Amb	09 59 56.7
ESK	comp=Z,36nm,0.8s				
ESK	Eskdalemuir	77.03 324	P	P	09 59 57.7 +0.4
ESK	Eskdalemuir	77.03 324	I Amb	I Amb	09 59 56.7
ESK	comp=Z,37nm,0.8s				
ESK	Eskdalemuir	77.03 324	e P	P	09 59 55.6 +0.3
ESK	Eskdalemuir	77.03 324	I Amb	I Amb	09 59 57.0
ESK	comp=Z,25nm,0.8s				
ESK	Eskdalemuir	77.03 324	P	P	09 59 55.7 +0.4
E18K	comp=Z,30nm,0.8s				
E18K	Tukpahleark C	77.16 22	I Amb	I Amb	09 59 56.8
E18K	Tukpahleark C	77.16 22	P	P	09 59 55.7 -0.1
G16K	comp=Z,26nm,0.8s				
G16K	Koyuk River	77.26 25	I Amb	I Amb	09 59 57.2
G16K	Koyuk River	77.26 25	P	P	09 59 56.2 -0.1
F17K	comp=Z,29nm,0.8s				
F17K	Baldwin Pennin	77.20 23	P	P	09 59 56.7 +0.2
M11K	comp=Z,29nm,0.8s				
M11K	Mekoryuk	77.35 30	P	P	09 59 57.1 +0.2
A22K	comp=Z,29nm,0.8s				
A22K	Sinclair Lake	77.49 18	P	P	09 59 57.8 +0.3
K13K	comp=Z,29nm,0.8s				
K13K	Kusilyak Mount	77.53 28	P	P	09 59 57.7 -0.3
H16K	comp=Z,29nm,0.8s				
H16K	Elim	77.59 25	P	P	09 59 57.8 -0.4
D19K	comp=Z,49nm,1.1s				
D19K	Kuna River	77.59 21	I Amb	I Amb	09 59 59.2
D19K	Kuna River	77.59 21	P	P	09 59 58.2 0.0
NEWG	comp=Z,15nm,0.8s				
NEWG	New Galloway	77.66 324	e P	P	09 59 59.5 +0.8
NEWG	New Galloway	77.66 324	I Amb	I Amb	10 00 00.7
HLM1	comp=Z,13nm,0.7s				
HLM1	Long Mynd	77.69 322	e P	P	09 59 59.4 +0.4
HLM1	Long Mynd	77.69 322	I Amb	I Amb	10 00 00.8
J14K	comp=Z,18nm,0.7s				
J14K	Nanvaranak Lak	77.73 27	I Amb	I Amb	09 59 59.6
J14K	Nanvaranak Lak	77.73 27	P	P	09 59 58.7 -0.3
F18K	comp=Z,29nm,0.8s				
F18K	Selawik	77.82 23	P	P	09 59 59.5 0.0
G17K	comp=Z,29nm,0.8s				
G17K	Kwalk Mountain	77.88 24	P	P	09 59 59.6 -0.2
LAWE	comp=Z,34nm,1.1s				
LAWE	Loch Awe, Argy	77.92 326	e P	P	10 00 01.1 +0.9
LAWE	Loch Awe, Argy	77.92 326	I Amb	I Amb	10 00 01.8
D20K	comp=Z,16nm,0.7s				
D20K	Eliwuk River	78.00 21	P	P	10 00 00.6 +0.2
GAL1	comp=Z,29nm,0.8s				
GAL1	Galloway	78.00 324	e P	P	10 00 01.4 +0.8
GAL1	Galloway	78.00 324	I Amb	I Amb	10 00 02.5
IOMK	comp=Z,19nm,0.8s				
IOMK	Kirk Michael	78.11 324	e P	P	10 00 02.2 +0.9
B21K	comp=Z,54nm,1.1s				
B21K	Ikpikpuk River	78.23 19	I Amb	I Amb	10 00 03.0
B21K	Ikpikpuk River	78.23 19	P	P	10 00 02.1 +0.4
WME	comp=Z,29nm,0.8s				
WME	Myndd Eilian	78.24 323	e P	P	10 00 02.9 +0.9
B22K	comp=Z,29nm,0.8s				
B22K	Teshepkuk Lake	78.25 19	P	P	10 00 01.9 +0.1
WLF1	comp=Z,44nm,0.7s				
WLF1	Llynfaes	78.32 323	e P	P	10 00 03.4 +0.9
E19K	comp=Z,30nm,0.9s				
E19K	Redstone River	78.33 22	I Amb	I Amb	10 00 03.1
E19K	Redstone River	78.33 22	P	P	10 00 02.2 -0.1

E20K	comp=Z,296				
E20K	Nigu River	78.34 21	P	P	10 00 02.4 0.0
WPS	comp=Z,296,SNR=54				
WPS	Cemaes, Angles	78.35 323	e P	P	10 00 03.1 +0.5
WPS	Cemaes, Angles	78.35 323	I Amb	I Amb	10 00 04.6
C21K	comp=Z,16nm,0.8s				
C21K	Knifeblade Rid	78.39 20	P	P	10 00 02.9 +0.3
H17K	comp=Z,29nm,0.8s				
H17K	Granite Mounta	78.39 25	I Amb	I Amb	10 00 03.6
H17K	Granite Mounta	78.39 25	P	P	10 00 02.7 0.0
F19K	comp=Z,29nm,0.8s				
F19K	Shaleruckik Mo	78.41 22	I Amb	I Amb	10 00 03.1
F19K	Shaleruckik Mo	78.41 22	P	P	10 00 02.2 -0.6
G18K	comp=Z,29nm,0.8s				
G18K	Tagagawik	78.48 24	P	P	10 00 02.5 -0.7
I17K	comp=Z,25nm,0.9s				
I17K	Unalakleet	78.50 26	I Amb	I Amb	10 00 04.3
I17K	Unalakleet	78.50 26	P	P	10 00 03.4 +0.1
L14K	comp=Z,39nm,1.2s				
L14K	Kuka Creek	78.62 29	I Amb	I Amb	10 00 04.8
L14K	Kuka Creek	78.62 29	P	P	10 00 04.0 0.0
M13K	comp=Z,64nm,1.5s				
M13K	Dall Lake	78.67 30	I Amb	I Amb	10 00 16.6
M13K	Dall Lake	78.67 30	P	P	10 00 04.4 +0.2
K15K	comp=Z,29nm,0.8s				
K15K	Wolf Creek Mou	78.77 27	P	P	10 00 04.9 +0.1
J16K	comp=Z,43nm,1.0s				
J16K	Anvik River	78.77 26	I Amb	I Amb	10 00 05.8
J16K	Anvik River	78.77 26	P	P	10 00 04.9 +0.1
SCO	comp=Z,25nm,0.8s				
SCO	Scoresbysund	78.84 342	i P	P	10 00 05.7 +0.7
SCO	Scoresbysund	78.84 342	I Amb	I Amb	10 00 07.4
H18K	comp=Z,12nm,1.0s				
H18K	Honhosa River	78.90 24	I Amb	I Amb	10 00 05.7
H18K	Honhosa River	78.90 24	P	P	10 00 05.2 -0.3
G19K	comp=Z,25nm,1.0s				
G19K	Purcell Mounta	78.95 23	I Amb	I Amb	10 00 06.6
G19K	Purcell Mounta	78.95 23	P	P	10 00 05.6 -0.1
RBSB	comp=Z,26nm,0.8s				
RBSB	Rosebush, Pemb	78.96 321	e P	P	10 00 06.2 +0.2
RBSB	Rosebush, Pemb	78.96 321	I Amb	I Amb	10 00 07.8
E21K	comp=Z,26nm,0.8s				
E21K	Killik River	78.98 20	P	P	10 00 05.8 -0.1
E21K	Killik River	78.98 20	P	P	10 00 05.8 -0.4
F20K	comp=Z,22nm,0.8s				
F20K	Avaraart Lake	79.04 22	I Amb	I Amb	10 00 06.8
F20K	Avaraart Lake	79.04 22	P	P	10 00 06.0 -0.1
ILTH	comp=Z,29nm,0.8s				
ILTH	Beluragan, Co L	79.17 324	P	P	10 00 08.0 +0.9
M14K	comp=Z,30nm,0.8s				
M14K	Bethel	79.17 29	I Amb	I Amb	10 00 07.7
M14K	Bethel	79.17 29	P	P	10 00 06.7 -0.3
D22K	comp=Z,29nm,0.8s				
D22K	Ayikyak River	79.19 20	I Amb	I Amb	10 00 08.4
D22K	Ayikyak River	79.19 20	P	P	10 00 07.3 +0.3
C23K	comp=Z,30nm,0.8s				
C23K	Ikliik River	79.34 18	P	P	10 00 08.1 +0.3
J17K	comp=Z,29nm,0.8s				
J17K	VABM Dome	79.36 26	P	P	10 00 08.1 +0.1
IDGL	comp=Z,29nm,0.8s				
IDGL	Inch Island, C	79.45 325	e P	P	10 00 10.4 +1.8
IDGL	Inch Island, C	79.45 325	P	P	10 00 09.7 +1.1
DSB	comp=Z,29nm,0.8s				
DSB	Dublin	79.46 323	P	P	10 00 09.4 +0.6
H19K	comp=Z,29nm,0.9s				
H19K	Roundabout Mou	79.46 23	I Amb	I Amb	10 00 09.7
H19K	Roundabout Mou	79.46 23	P	P	10 00 08.6 +0.1
N14K	comp=Z,29nm,0.8s				
N14K	Kuskokwak Cree	79.62 30	P	P	10 00 09.3 -0.2
GCSA	comp=Z,29nm,0.8s				
GCSA	Galena City Sc	79.65 24	P	P	10 00 09.5 -0.1
F21K	comp=Z,41nm,0.9s				
F21K	Alatina River	79.73 21	I Amb	I Amb	10 00 10.8
F21K	Alatina River				

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like OBFO, SUF, APAA, etc.

NEIC 23 10:12:26.5-0.4, 17.97N, 0.04-66.75W, 0.01, h18km, 1km, ML3.5/37, Md2.8/(RSPR), Error ellipse: s-maj=5.6km

SDD 23 10:12:27.1-1.0, 17.91N, 66.75W, h26km, 9km, MD3.3, ML3.2, MW3.6, Presumed earthquake

ISCR 23 10:12:27.4, 18.01N, 66.75W, h10km, MD2.8/6

ISZ 23 10:12:26.3-0.8, 17.92N, 0.04-66.74W, 0.02, h17km, 5km, n59, c1506/77, 13C-7D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like GBPR, MLPR, CRPR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like MIDR, DR12, HATOM, etc.

SDD 23 10:29:52.1-0.9, 20.18N, 70.50W, h12km, 382km, MD3.3, ML2.5, MW2.8, Presumed earthquake

OSPL 23 10:29:56.8-1.8, 19.95N, 70.51W, h0km, 6km, ML2.6, Presumed earthquake

ISZ 23 10:29:53.3-1.2, 20.00N, 0.03-70.49W, 0.03, h14km, 10km, n19, c0930/31, 10C-4D, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like SODR, LUOR, SC01, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like NADR, ABDH, ABDR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like HATOM, BANI, BANI, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like GRTK, SDD, SD, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like PODR, PODR, PODR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like LOVI, LOBH, LOBH, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like AZER, AZER, AZER, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like NOR3, NOR3, NOR3, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like QZX, QZX, GNI, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like IGD1, IGD1, GDB, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like KORR, KORR, TLTR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like KRNR, OBL, XNQ, etc.

ISK 23 10:44:31.7, 40.11N, 33.28E, h6km, ML2.9/22

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like GOKD, GOKD, GOKD, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like ELDT, ELDT, ELDT, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like ANTO, ANTO, ANTO, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like BR131, BR131, BR131, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like KESK, KESK, KESK, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like CANT, CANT, KZCM, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like BBAL, BBAL, BBAL, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like AFSR, AFSR, YENC, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like SUNG, SUNG, KAMT, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like AKPI, AKPI, POLA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like KULU, KULU, SERE, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like YUVA, YUVA, RUCZ, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like SVRH, SVRH, KOZK, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like CHYB, CHYB, YOZ, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like MIDUB, MIDUB, CIFT, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, and Time. Includes stations like SCRK Sand Creek, F24K Squaw Lake, B22K Teshepuk Lake, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, and Time. Includes stations like AKASG Malin Array Be, AKASO Malin Array Be, VRAC Vranov, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Direction, and Time. Includes stations like WB0 Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CERB Semis Cerberu, AMKA Amchitka, ATKA Atka Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H11S2 WAKE ISLAND Hy 35.46 206, H11S3 WAKE ISLAND Hy 35.46 206, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PET Institute, INSR Institute, GNL Ganaly, etc.

IDC 23 11:35:39.3, 1.8, 51.97N:178.05W, h0km, mb3.4/4, mbmp3.6/5, ML3.0/1, MS3.3/7, Error ellipse: s-maj=103.8km s-min=28.9km az=139.0

INMG 23 11:45:43.3, 0.9, 32.58N:6.51W, h20km, 9km, ML2.3, Error ellipse: s-maj=12.3km s-min=3.1km az=109.0

ITVTR Yutnovka, ITVTR Yutnovka, GRL Gorely, GRL Gorely, GRL Gorely, etc.

AEIC 23 11:35:40.4, 2.1, 51.8N:0.2, 177.94W:0.03, h3km, 5km, Error ellipse: s-maj=21.7km s-min=2.1km az=177.0

MDD 23 11:45:48.8, 0.6, 33.81N:6.74W, h9km, 6km, Mb3.8/1, M_m3.1/1, 1, C, Error ellipse: s-maj=5.4km s-min=4.0km az=83.0, Morocco

ITVTR Yutnovka, ITVTR Yutnovka, GRL Gorely, GRL Gorely, GRL Gorely, etc.

ISC 23 11:35:41.3, 0.8, 51.89N:0.05, 177.96W:0.02, h6km, 5km, n63, r1934/55, mb4.0/7, MS3.5/4, Andreadon Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EXBAR Barbate, ESPR Espera, PBVD Barranco-do-Ve, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, etc.

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

MOS 23 11:46:12.6, 0.6, 55.10N:164.71E, h54km, mb4.1/1, Error ellipse: s-maj=7.2km s-min=5.9km az=135.1

ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

KRSC 23 11:46:14.0, 1.8, 55.07N:164.65E, h58km, 23km, M1.4, IDC 23 11:46:13.0, 1.8, 55.13N:164.51E, h0km, mb3.7/10, mbmp3.7/12, ML3.2/2, MS3.1/1, Error ellipse: s-maj=28.2km s-min=15.8km az=160.0

H11S1 WAKE ISLAND Hy 36.55 177, H11S3 WAKE ISLAND Hy 36.56 177, H11S2 WAKE ISLAND Hy 36.57 177, etc.

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

ISC 23 11:46:15.2, 1.6, 55.09N:0.04, 164.69E:0.06, h17km, 11km, n99, r1956/126, mb3.7/10, Komandorsky Islands region

ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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

ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

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

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

ILAR Eielson Array, H11N2 WAKE ISLAND Hy 35.34 176, H11N3 WAKE ISLAND Hy 35.34 176, etc.

Table with columns: KURS, Kuram, 2.10 314 Pg, Pb, 14 18 31.9 -0.5, etc. Includes stations like KURS, KDJ, DJR, etc.

Table with columns: LZH, comp=E,400nm,1.0s, LR, LR, 14 28 16.1 -6.3, etc. Includes stations like LZH, LKP, LKJ, etc.

Table with columns: HNS, comp=N,1.1m,8.8s, Pg, Pn, 14 30 46.0 +6.0, etc. Includes stations like HNS, WMQ, CHTO, etc.

NEIC 23 14:26:30.8±2.5, 33.08N±0.04, 98.93E±0.09, h10km±1km, mb4.6/32, Error ellipse: s-maj=13.5km s-min=5.7km az=290.0

MOS 23 14:26:30.5±1.2, 33.03N±98.79E, h11km, mb4.5/20, Error ellipse: s-maj=9.0km s-min=5.3km az=101.1

IDC 23 14:26:31.4±0.6, 33.14N±98.87E, h0km, mb4.0/24, mbmp4.0/28, ML3.7/3, MS3.7/45, Error ellipse: s-maj=15.0km s-min=12.5km az=31.0

BUI 23 14:26:31.0, 33.05N±98.93E, h10km, mB4.8/10, mb4.2/31, ML4.1/18, Ms4.4/46, Ms7.4/42

ISC 23 14:26:32.4±0.3, 33.13N±0.03, 98.81E±0.03, h10km, n171, z=242/150, mb4.3/52, MS3.7/44, 8C-3D, Qinghai

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

Table with columns: ENH, Enshi, 9.53 105, Pn, Pn, 14 28 46.4 -3.3, etc. Includes stations like ENH, SHL, SHL, etc.

Table with columns: BOOM, Boomskeye usch, 20.29 304, P, P, 14 31 03.5 -4.9, etc. Includes stations like BOOM, BOOM, BOOM, etc.

Table with columns: WRA, Warramunga Arr, 59.30 146 P, 0.6nm, 0.9s, baz=329, slow=6.9, SNR=2.4, 0.6nm, 0.9s, ASAR Alice Springs, 62.30 148 P, 0.2nm, 0.5s, baz=334, slow=4.4, SNR=2.0, 0.2nm, 0.7s

SNET 23 15:15:57.2, 4.7, 11.93N:88.28W, h35km, ML4.4, Presumed earthquake
CATAC 23 15:16:00.6, 0.3, 12.2N:2.8W, h29km, M4.4/38, ML4.4/38, Error ellipse: s-maj=5.1km s-min=2.4km az=30.2, confirm

NEIC 23 15:16:03.2, 1.5, 12.20N:0.07:88.24W:0.06, h53km, 6km, mb4.6/134, Error ellipse: s-maj=11.3km s-min=7.1km az=211.0

GCG 23 15:16:04.1, 1.2, 12.34N:88.68W, h6km:21km, MD4.4, Presumed earthquake
IDC 23 15:16:06.3, 3.7, 12.69N:88.03W, h55km:28km, mb3.8/8, mbtmp4.1/10, ML2.3/2, MS3.6/26, Error ellipse: s-maj=41.5km s-min=25.2km az=25.0

ISC 23 15:15:56.7, 1.4, 12.09N:0.04:88.41W:0.03, h7km, 8km, n233, r1936/223, mb4.7/64, MS3.7/26, 9C-3D, Off coast of central America

Main station list table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, ISC Op, h m s ISC, Res

Main station list table with columns: RAFA, San Farael, Vo, 4.99 115 Pn, 15 17 13.7 +1.4, Pn, 15 17 13.8 +1.6, Pn, 15 17 22.3 +2.9, Pn, 15 17 31.7 +3.2, Pn, 15 17 33.7 +0.7, Pn, 15 17 57.4 +4.0, Pn, 15 19 34.2 +1.0, Sn, 15 17 56.9 +2.2, Pn, 15 18 42.4 +4.6, Pn, 15 19 58.4 +0.9, Pn, 15 19 04.3 0.0, Pn, 15 20 08.9 +3.2, Pn, 15 20 03.6 -1.3, Pn, 15 20 23.8, Pn, 15 20 03.2 -2.6, Pn, 15 20 24.4 -0.8, Pn, 15 20 29.4, Pn, 15 20 32.7 0.0, Pn, 15 20 34.0 0.0, Pn, 15 20 31.3 0.0, Pn, 15 20 35.6 +1.2, Pn, 15 20 38.2, Pn, 15 20 38.4 +1.3, Pn, 15 20 37.9 +0.4, Pn, 15 20 46.7, Pn, 15 20 38.8 +0.6, Pn, 15 20 44.4, Pn, 15 20 43.3 +1.1, Pn, 15 20 46.1 +1.0, Pn, 15 20 51.2, Pn, 15 20 46.2 +0.4, Pn, 15 27 52.6, Pn, 15 20 51.7 +1.5, Pn, 15 20 57.0 +0.6, Pn, 15 20 54.3 +1.3, Pn, 15 20 57.8 +3.2, Pn, 15 24 54.3 +3.5, Pn, 15 20 13.8, Pn, 15 20 56.1 +1.5, Pn, 15 20 56.0 +1.3, Pn, 15 20 57.7 +0.4, Pn, 15 21 01.2, Pn, 15 20 58.5 +1.1, Pn, 15 21 02.3, Pn, 15 20 58.8 +0.3, Pn, 15 20 58.6 -0.9, Pn, 15 21 05.7, Pn, 15 21 00.0 -0.5, Pn, 15 21 04.7, Pn, 15 21 00.1 -0.6, Pn, 15 21 05.5, Pn, 15 21 00.2 -0.9, Pn, 15 21 04.3, Pn, 15 21 01.4 -0.2, Pn, 15 21 33.5, Pn, 15 21 01.1 -1.4, Pn, 15 21 08.1, Pn, 15 21 05.7 +0.6, Pn, 15 21 11.0, Pn, 15 21 05.1 -0.1, Pn, 15 21 05.3 -0.5, Pn, 15 21 08.3, Pn, 15 21 08.8 +1.0, Pn, 15 21 20.1, Pn, 15 21 08.9 -0.3, Pn, 15 21 11.9, Pn, 15 21 10.1 +0.1, Pn, 15 21 17.3, Pn, 15 21 09.3 -1.2, Pn, 15 21 08.6 -1.8, Pn, 15 21 15.8, Pn, 15 29 53.1, Pn, 15 21 08.8 -1.7, Pn, 15 21 15.4, Pn, 15 21 11.7 +0.6, Pn, 15 21 23.8, Pn, 15 21 12.2 +0.8, Pn, 15 21 10.6 -0.8, Pn, 15 21 44.1, Pn, 15 31 41.5, Pn, 15 21 11.6 -0.4, Pn, 15 21 12.9 +0.7, Pn, 15 21 28.6, Pn, 15 21 13.1 +0.2, Pn, 15 21 24.8, Pn, 15 21 29.2, Pn, 15 21 18.7, Pn, 15 21 16.2 0.0, Pn, 15 21 18.3, Pn, 15 21 20.7, Pn, 15 21 20.7, Pn, 15 21 19.7, Pn, 15 21 21.6, Pn, 15 21 18.4 -1.1, Pn, 15 21 25.0, Pn, 15 21 22.8, Pn, 15 21 24.9, Pn, 15 21 24.5 +0.5, Pn, 15 21 28.3, Pn, 15 21 28.9, Pn, 15 21 28.9, Pn, 15 21 31.2, Pn, 15 21 29.7 -0.3, Pn, 15 21 48.7, Pn, 15 21 43.7 -0.2, Pn, 15 21 45.1, Pn, 15 21 46.3 -0.1, Pn, 15 22 34.2 +2.0, Pn, 15 22 33.0, Pn, 15 22 31.4, Pn

Main station list table with columns: PV18, Skein Mesa, Pa, 31.83 328 Iamb, Iamb, 15 22 29.1, PV19, Morning Glory, 31.91 328 Iamb, Iamb, 15 22 48.7, PV04, Paradox Valley, 31.94 329 Iamb, Iamb, 15 22 28.2, PV10, Paradox Valley, 31.99 328 Iamb, Iamb, 15 22 33.1, PV23, Carpenter Ridge, 32.04 329 Iamb, Iamb, 15 22 32.5, I37A, Lemond, Waseca, 32.10 353 P, P, 15 22 24.1 -0.4, EC2D, EROS Data Cent, 32.32 349 Iamb, Iamb, 15 22 27.8, EC0A, White River Cr, 32.37 349 Iamb, Iamb, 15 22 39.6, PFO, Pinyon Flats O, 33.38 315 LR, LR, 15 38 45.9, SADO, Sadowa, 33.52 12 LR, LR, 15 36 52.2, P18A, Preston Nutter, 33.55 329 P, P, 15 22 38.1 +0.6, RSSD, Black Hills, 34.64 340 P, P, 15 22 45.0 -1.9, PDAR, Pinedale Array, 35.66 333 P, P, 15 22 56.2 +0.5, PDAR, comp=2.0, 9nm, 0.8s, baz=141, slow=7.4, SNR=7.7, Pn, 15 25 25.4 +1.2, PDAR, comp=2.0, 6nm, 0.8s, baz=140, slow=3.9, SNR=4.8, LR, 15 39 52.7, PDAR, comp=2.28nm, 18.2s, baz=134, slow=40, Pn, 15 25 26.6 -1.6, NVAR, Mina Array Bay, 37.36 320 P, P, 15 23 12.4 +2.1, NVAR, comp=2.0, 9nm, 0.7s, baz=109, slow=6.6, SNR=4.6, Pn, 15 25 30.7 +1.3, NVAR, comp=2.0, 7nm, 0.7s, baz=114, slow=4.3, SNR=3.6, Pn, 15 23 11.2 +0.9, NVAR, comp=2.6, 5nm, 0.7s, Pn, 15 25 30.1 +0.7, YNE, Yellowstone No, 37.65 335 P, Iamb, 15 23 21.9, ULM, Lac du Bonnet, 38.54 352 P, P, 15 23 19.0 -0.8, ULM, comp=2.77nm, 19.3s, baz=194, slow=38, LR, 15 40 18.4, EGMT, Eagleton, 40.02 338 P, Iamb, 15 23 32.1 -0.2, EGMT, comp=2.1, 10nm, 0.9s, Pn, 15 23 44.9, MSO, Missoula, 40.77 333 P, Iamb, 15 23 38.6 0.0, MSO, comp=2.11nm, 1.3s, Pn, 15 23 47.7, YBH, Yreka Blue Hor, 42.03 321 LR, LR, 15 42 36.7, FFC, Flin Flon, 43.86 349 P, P, 15 24 03.2 -0.3, RPN, Rapa Nui, 43.95 207 LR, LR, 15 38 11.1, SCHQ, comp=2.89nm, 18.3s, baz=180, slow=30, Pn, 15 24 17.5 -2.2, SCHQ, comp=2.6, 5nm, 0.7s, baz=213, slow=8.4, SNR=5.6, LR, 15 45 09.5, SCHQ, comp=2.159nm, 18.5s, baz=252, slow=39, Pn, 15 24 25.7 -0.8, FCC, Fort Churchill, 46.78 356 P, Iamb, 15 24 27.1, FCC, comp=2.6, 9nm, 0.7s, Pn, 15 24 36.7 -2.2, KUQ, Kuujuaua, 48.37 14 LR, LR, 15 49 11.6, BDFB, Brashear, 48.55 124 LR, LR, 15 49 09.9, FRB, Frober Bay, 53.45 11 LR, LR, 15 49 04.9, YKA, Yellowknife Ar, 53.72 345 P, P, 15 25 19.0 -0.1, YKA, comp=2.0, 8nm, 0.8s, baz=144, slow=6.7, SNR=3.6, Pn, 15 26 26.4 +1.3, YKA, Yellowknife Ar, 53.72 345 P, P, 15 25 18.2 -0.8, YKA, Yellowknife Ar, 53.72 345 P, P, 15 26 24.7 -0.7, YKAW, Yellowknife Wh, 53.78 345 Iamb, Iamb, 15 25 20.6, PLCA, Paso Flores, 55.09 163 LR, LR, 15 43 55.5, ILON, Igloodi, Nuna, 57.39 3 Iamb, Iamb, 15 25 43.6 -1.8, ILON, comp=2.5, 9nm, 0.8s, Pn, 15 25 45.5, SFJD, Kangerlussuaq, 60.32 16 LR, LR, 15 51 36.1, G31M, Satah River, 62.63 341 P, Iamb, 15 26 20.1 -1.3, G31M, comp=2.5, 6nm, 0.8s, Pn, 15 26 22.9, RES, Resolute Bay, 62.69 358 P, Iamb, 15 26 20.2 -1.5, INK, Inuvik, 63.27 343 Iamb, Iamb, 15 26 24.7 -1.0, INK, comp=2.5, 9nm, 1.1s, Pn, 15 26 27.2, F30M, Barrier River, 63.52 342 Iamb, Iamb, 15 26 29.2, G29M, Pine Creek, 63.82 340 Iamb, Iamb, 15 27 10.2, J26L, Joseph Creek, 64.57 337 Iamb, Iamb, 15 26 47.1, H27K, Steamboat Moun, 64.65 339 Iamb, Iamb, 15 26 44.3, F28M, Old Crow, 64.81 341 P, Iamb, 15 26 35.6 -0.3, F28M, comp=2.9, 1nm, 0.9s, Pn, 15 26 48.4, ILAR, Eielson Array, 65.97 336 P, P, 15 26 44.2 +0.8, ILAR, comp=2.2, 0nm, 1.1s, baz=109, slow=6.0, SNR=11, LR, 16 00 01.5, D25K, Kavik River, 67.74 341 Iamb, Iamb, 15 26 56.6, F21K, Alatina River, 69.38 338 P, Iamb, 15 27 05.7 +0.8, F21K, comp=2.5, 4nm, 0.9s, Pn, 15 27 15.4, JMJC, Jan Mayen, 75.36 19 LR, LR, 15 59 59.5, ESDC, Sonseca Array, 78.15 52 P, P, 15 27 55.4 -1.6, ESDC, comp=2.0, 5nm, 0.8s, baz=289, slow=3.9, SNR=2.3, LR, 16 00 51.1, SPITS, Spitsbergen Ar, 81.25 12 LR, LR, 16 04 23.4, DBRC, Dimbokro, 82.35 85 LR, LR, 16 00 26.0, VVAC, Vranov, 90.48 39 LR, LR, 16 05 51.1, TIXI, Tikisi, 92.82 349 LR, LR, 16 12 58.8, MA2, Magadan, 94.36 334 LR, LR, 16 20 29.1, AKASG, Malin Array Be, 97.35 35 LR, LR, 16 11 16.5, NRIK, Noril'sk, 98.73 1 LR, LR, 16 15 02.1, YAK, Yakutsk, 100.34 343 LR, LR, 16 22 29.5, HHC, Hu-ho-hao-te, 124.18 342 P, PKIPP, 15 34 58.8 +1.9, ASAR, Alice Springs, 138.26 248 P, PKIPP, 15 35 26.9 +1.3, WRA, Warramunga Arr, 138.27 254 P, PKIPP, 15 35 26.2 +0.5, PZH, PanZhihua, 140.39 346 P, PKP, 15 35 25.6 -1.9, CMAR, Chiang Mai Arr, 148.79 346 P, PKP, 15 35 45.5 -0.4, CMAR, comp=2.16, slow=2.5, SNR=7.5, Pn, 15 35 47.6 +0.3, IDC 23 15:30:35.7, 0.9, 32.89N:98.87E, h0km, mb3.7/12, mbtmp3.7/15, ML3.6/3, MS3.2/6, Error ellipse: s-maj=19.9km s-min=16.0km az=28.0, NEIC 23 15:30:38.4, 1.1, 33.0N:0.1:98.95E:0.09, h15km, 5km, mb4.2/23, Error ellipse: s-maj=15.7km s-min=11.3km az=192.0, ISC 23 15:30:37.0, 0.4, 33.04N:0.04:98.94E:0.04, h10km, n66, r214/74, mb4.0/22, MS3.1/4, Qinghai

23d 16h

Table with columns for station name, frequency, and other details. Includes stations like LNBO3 Los Naranjos, BRU2 Volcan, BRU2 Volcan, etc.

2020 JAN

Table with columns for station name, frequency, and other details. Includes stations like TGUH Tegucigalpa, UN, PACA Pacayal, MTSQ Montecito, etc.

2020 JAN

Table with columns for station name, frequency, and other details. Includes stations like TGUH Tegucigalpa, UN, PACA Pacayal, MTSQ Montecito, etc.

1574

Table with columns for station name, frequency, and other details. Includes stations like ABQ Albuquerque, ANMO Albuquerque, TASM ASL Pad, Albuquerque, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like FFC Flin Flon, NEW Newport, FCC Fort Churchill, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like MLR Muntele Ros, AKASO Malin Aray Be, H1N13 WAKE ISLAND, etc.

2020 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 23 16:30:37.3, m, bmtp3.6/4, MS3.4/4, Error ellipse: s-maj=147.6km, s-min=22.3km, etc.

2020 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AEIC 23 16:47:20.3, s=1.55, 94N, 0.09, 149.4W, 0.1, h4km, 9km, Error ellipse: s-maj=14.5km, s-min=8.0km, etc.

2020 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like OHAK Old Harbor, OHAK Old Harbor, KDAK Kodiak Island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like HIN Hinchinbrook I, HIN comp=E.68nm,2.9s, HIN comp=N.65nm,3.3s, etc.

2020 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IDC 23 16:50:18.2, 0.9, 23.405x114.51W, h0km, mb3.7/6, m, bmtp3.7/6, MS3.7/6, Error ellipse: s-maj=44.3km, s-min=28.9km, etc.

2020 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TAOE Nuku Hiva Isla, TBI Tubuai, H03N2 Juan Fernandez, etc.

23d 17h

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like BMRM Bremner River, WAT6 Susitna Watana, G19K Purcell Mouna, etc.

2020 JAN

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like V35K Ketchikan, BVCY Beaver Creek, H24K Noodor Dome, etc.

1578

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like WVOR Wild Horse Val, G27K Doyon Strip, GLA Glamis, etc.

23d 18h

SKO 23 17:45:34.2, 41.08N, 21.05E, h10km, ML2.3
BEO 23 17:45:35.8, 0.4, 41.14N, 21.10E, h2km, 6km, ML2.2/8
ATH 23 17:45:35.8, 41.06N, 21.16E, h8km, 2km, ML2.6/11,
Manual Solution by N.Liadopoulou First location:
2020/01/23 17:46:59, This location: 2020/01/23 17:58:20
ML Amplitudes are expressed in micrometers, All
distances are expressed in degrees Latitude uncertainty: 1
km; Longitude uncertainty: 1 km

ISC 23 17:45:34.5-1.1, 41.10N-0.02, 21.09E-0.02, h1km-11km,
n75, o967/101, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their recorded data for the 23d 18h event.

ISC 23 17:57:54.5-1.4, 43.88N-138.42E, h246km, 18km,
mb3.1/11, mbtmp3.7/15, Error ellipse: s-maj=24.2km
s-min=12.5km az=166.0
JMA 23 17:57:56.8, 0.7, 44.1N, 133.9E, h259km, 4km, MV3.0/29,
EASTERN SEA OF JAPAN

ISC 23 17:57:54.3-0.7, 43.75N-0.06, 138.56E-0.07, h250km, n34,
o1562/37, mb3.4/10, Eastern Sea of Japan

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their recorded data for the 23d 18h event.

2020 JAN

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their recorded data for the 2020 JAN event.

KRNET 23 17:59:18.5-0.1, 39.88N, 77.26E, h16km, mb3.5
SOME 23 17:59:19.7, 39.87N, 77.23E, h20km
NNC 23 17:59:21.7-1.7, 40.05N, 77.24E, h0km, mb3.8, mpv3.4,
Error ellipse: s-maj=11.9km s-min=8.6km az=164.0
ISC 23 17:59:19.7-1.5, 39.94N-0.07, 77.03E-0.04, h10km, n55,
o1955/83, 17C-10D, Southern Xinjiang

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their recorded data for the 2020 JAN event.

1580

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their recorded data for the 1580 event.

IDC 23 18:01:43.1-1.2, 3.14S, 139.83E, h0km, mb3.6/4,
mbtmp3.7/5, ML3.9/1, Error ellipse: s-maj=35.4km
s-min=11.4km az=141.0
DJA 23 18:01:47.4, 0.7, 3.54S, 141.0E, h31km, 11km, M4.1/6,
mb4.4/1, MLV4.0/6
ISC 23 18:01:48.0-0.9, 3.39S, 0.06, 140.23E-0.06, h56km, n12,
o1922/19, mb3.5/3, Irian Jaya

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their recorded data for the 1580 event.

UPP 23 18:04:11.2-0.1, 67.06N-20.96E, h0km, ML2.2, Suspected
explosion
IDC 23 18:04:11.6-1.0, 67.06N-21.02E, h0km, mbtmp3.0/4,
ML1.8/4, Error ellipse: s-maj=19.5km s-min=8.9km
az=109.0

ISC 23 18:04:11.1-0.9, 67.06N-0.03, 20.96E-0.03, h0km, n19,
o1602/27, Sweden

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their recorded data for the 1580 event.

0.2nm,0.3s,baz=342,slow=22,SNR=7.9
2.8nm,0.9s
NOA NORSTAR Array B 7.39 220 Pn Pn 18 05 59.1 -1.0

HFS Hagfors 7.66 208 Pn Pn 18 06 03.1 -0.7
AEIC 23 18:05:53.5-1.9,51.59N,0.02:179.13E,0.04,h10km,4km,
Error ellipse: s-maj=3.7km s-min=2.2km az=88.0

NEIC 23 18:05:54.2-1.3,51.56N,0.02:179.21E,0.05,h10km,1km,
mb4.4/3,ML3.7/12,ML3.6(AEIC),Error ellipse:
s-maj=5.3km s-min=2.8km az=269.0

IDC 23 18:05:59.1-6.3,51.42N,179.04E,h62km,57km,mb3.0/5,
mbmp3.4/6,ML2.2/1,MS2.6/1,Error ellipse:
s-maj=103.0km s-min=23.4km az=6.0

ISC 23 18:05:54.5-1.0,51.58N,0.05:179.16E,0.04,h15km,7km,
n45,09:68/53,mb3.6/6,Rat Islands
Code Station Name Az AZ Phase ID Time Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include AMKA Amchitka, CESW Semis' Southw, CERB Semis' Cerberu, etc.

ADK Adak 2.60 82 Pn Pn 18 06 35.8 -0.2
SHEM Shemya Is, Ala 3.32 292 Pn Pn 18 06 46.2 +0.4
SMY Shemya 3.32 292 Pn Pn 18 06 46.3 +0.5

ATKA Atka Island 4.17 79 Pn Pn 18 06 57.5 +0.1
SPIA Saint Paul Isl 8.35 44 Pn Pn 18 07 55.2 +0.4
UNV Unalaska Valle 9.00 70 Pn Pn 18 08 03.5 -0.2

H11N2 WAKE ISLAND Hy 33.21 201 T T 18 47 25.8
H11N3 WAKE ISLAND Hy 33.22 201 T T 18 47 27.3
H11N1 WAKE ISLAND Hy 33.23 201 T T 18 47 32.4

YKA Yellowknife Ar 36.02 46 P P 18 12 55.1 +0.6
PDAR Pinedale Array 47.46 71 P P 18 14 28.2 -0.4
KURKB Kurchatov Arra 58.06 312 P P 18 15 46.0 -0.5

MKAR Makanchi Array 59.80 307 P P 18 15 51.4 -1.2
TXAR Lajitas Array 59.88 80 P P 18 15 59.2 -0.2
TXAR Lajitas Array 59.88 80 P P 18 15 59.1 -0.5

IDC 23 18:23:54.1-1.1,6.32S,146.19E,h126km,6km,mb3.5/8,
mbmp3.8/10,MS2.7/2,Error ellipse: s-maj=27.7km
s-min=11.2km az=68.0

ISC 23 18:23:55.7-0.9,6.42S,0.09:146.2E,0.2,h15km,n12,
z208/16,mb3.6/7,Eastern New Guinea region
Code Station Name Az AZ Phase ID Time Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include PMG Port Moresby, WRA Warrungarra Arr, ASAR Alice Springs, etc.

0.9nm,0.7s,baz=254,slow=4.9,SNR=16
0.9nm,0.7s
BVAR Borovoye Array 86.61 324 P P 18 36 22.8 +0.7

TORD Torodi Ar. Bea 144.37 284 PKP PKIKP 18 43 15.2 -3.6
DBIC Dimbokro 151.20 27 PKP Pbc PKIKP 18 43 33.8 +0.9
NEIC 23 18:44:16.6-1.2,52.2N,0.1:169.44W,0.10,h10km,1km,
mb3.8/2,ML2.3/10,ML2.8(AEIC),Error ellipse:
s-maj=19.2km s-min=8.0km az=200.0

AEIC 23 18:44:18.0-1.4,52.1N,0.1:169.37W,0.07,h17km,7km,
Error ellipse: s-maj=17.2km s-min=5.7km az=173.0
IDC 23 18:44:18.9-6.8,52.86N:169.70W,h0km,mb3.4/5,
mbmp3.4/6,ML3.2/1,Error ellipse: s-maj=171.6km
s-min=28.7km az=167.0

ISC 23 18:44:19.5-2.0,52.2N,0.2:169.50W,0.1,h30km,n19,
c1854/14,mb3.6/6,Fox Islands
Code Station Name Az AZ Phase ID Time Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include CLES Cleveland East, NIKH Nikolski Hwy, UNV Unalaska Valle, etc.

H11S1 WAKE ISLAND Hy 38.45 218 T T 19 32 56.7
H11S2 WAKE ISLAND Hy 38.46 218 T T 19 32 54.6
H11S3 WAKE ISLAND Hy 38.47 218 T T 19 32 58.5

KURKB Kurchatov 62.48 318 P P 18 54 40.4 +0.8
BVAR Borovoye Array 63.83 324 P P 18 54 48.4 -0.1
MKAR Makanchi Array 63.90 313 P P 18 54 48.8 -0.3

MOS 23 18:50:03.9-0.9,85.93N:28.44E,h10km,mb4.7/23,Error
ellipse: s-maj=99.9km s-min=5.8km az=90.6
IDC 23 18:50:04.6-0.5,86.05N:29.89E,h0km,mb4.1/24,
mbmp4.1/28,ML4.1/4,MS3.6/45,Error ellipse:
s-maj=15.9km s-min=9.4km az=63.0

NEIC 23 18:50:05.6-1.8,85.97N:0.08:2E, h10km,1km,
mb4.6/10,Error ellipse: s-maj=18.7km s-min=13.1km
FCIAR 23 18:50:07.0,85.72N,31.26E,h10km,station ZF12 has
station magnitude of 3.80 station OMEGA has station
magnitude of 3.70

ISC 23 18:50:05.8-0.3,85.92N:0.04:28.36E,0.05,h10km,n450,
c136/389,mb4.6/119,MS3.6/44,10C-2D,North of
Svalbard
Code Station Name Az AZ Phase ID Time Res

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include ZF12 Zemlya Franca, ZF12 Omega, OMEGA Omega, etc.

NOR Nord 6.26 253 Pn Pn 18 51 41.6 +3.6
NOR Nord 6.26 253 Pn Pn 18 51 41.3 +3.3
NOR Nord 6.26 253 Pn Pn 18 51 40.6 +2.7

SPB2 Spitsbergen Ar 7.92 198 Pn Pn 18 52 00.6 -0.2
SPB1 Spitsbergen Ar 7.92 198 Pn Pn 18 52 00.7 -0.2
SPB3 Spitsbergen Ar 7.92 198 Pn Pn 18 52 00.8 -0.2

BRB2 Barentsburg B 8.06 201 Pn Pn 18 52 03.1 +0.5
BRB1 Barentsburg B 8.06 201 Pn Pn 18 52 03.0 +0.3
BRBA Barentsburg A 8.10 201 Pn Pn 18 52 03.4 +0.3

HSPB Hornsund (broa 9.12 198 Pn Pn 18 52 18.6 +1.5
HSPB Hornsund (broa 9.12 198 Pn Pn 18 52 18.3 +1.2
HSPB Hornsund (broa 9.12 198 Pn Pn 18 52 18.3 +1.2

ARAO ARCESS Array S 16.49 184 P Pn 18 53 57.5 +0.8
ARAO ARCESS Array S 16.49 184 P Pn 18 53 57.5 +0.8

ARCES ARCESS Array B 16.49 184 Pn Pn 18 53 56.3 -0.4
ARCES comp=Z,0.2nm,0.3s,baz=357,slow=9.4,SNR=14
ARCES comp=Z,0.1nm,0.3s,baz=17,slow=22,SNR=1.9

ARCES ARCESS Array B 16.49 184 Pn Pn 18 53 53.6 -3.1
ARCES ARCESS Array B 16.51 190 Pn Pn 18 53 57.5 +0.4
ARCES ARCESS Array B 16.51 190 Pn Pn 18 53 57.5 +0.4

RES Resolute Bay 17.99 314 Pn Pn 18 54 13.9 +1.8
RES Resolute Bay 17.99 314 Pn Pn 18 54 13.7 -1.7
RES Resolute Bay 17.99 314 Pn Pn 18 54 13.7 -1.7

RES Resolute Bay 17.99 314 Pn Pn 18 54 13.7 -1.7
APA Apatity 18.96 298 Pn Pn 18 54 24.2 -2.1
APA Apatity 18.96 298 Pn Pn 18 54 24.0 -2.2

TIKSI Tiksi 19.62 68 LR LR 19 02 23.1
TIKSI Tiksi 19.62 68 LR LR 19 02 23.1
TIKSI Tiksi 19.62 68 LR LR 19 02 23.1

LSH Leshukonskoye 21.38 160 Pn Pn 18 54 52.2 -0.6
A36M Sachs Harbour 21.88 338 Pn Pn 18 54 57.1 -1.1
A36M Sachs Harbour 21.88 338 Pn Pn 18 54 57.6 -0.6

ILON Igloodik, Nuna 22.49 300 Pn Pn 18 55 04.3 -0.4
SFJD Kangerlussuaq 22.70 269 LR LR 19 03 46.9
A21K Barrow 22.89 4 Pn Pn 18 55 08.8 -0.2

A22K Sinclair Lake 23.22 3 Pn Pn 18 55 11.9 -0.4
B22K Teshepuk Lake 23.89 1 Pn Pn 18 55 17.8 -1.1
B22K Teshepuk Lake 23.89 1 Pn Pn 18 55 18.7 -0.2

B20K Meade River 24.21 5 Pn Pn 18 55 21.3 -0.6
B20K Meade River 24.21 5 Pn Pn 18 55 21.4 -0.5
C26K Camden Bay 24.29 354 Pn Pn 18 55 21.9 -0.8

C23K Itkillik River 24.40 359 Pn Pn 18 55 23.2 -0.4
C23K Itkillik River 24.40 359 Pn Pn 18 55 23.1 -0.5
C36M Paulatuk 24.49 337 Pn Pn 18 55 23.9 -0.6

C24K Frank Bluff 24.51 358 Pn Pn 18 55 24.6 -0.0
C24K Frank Bluff 24.51 358 Pn Pn 18 55 24.3 -0.4
C27K Jago River 24.58 353 Pn Pn 18 55 24.7 -0.6

C27K Jago River 24.58 353 Pn Pn 18 55 24.7 -0.6
B21K Ikpikpuq River 24.61 2 Pn Pn 18 55 25.8 +0.2
B21K Ikpikpuq River 24.61 2 Pn Pn 18 55 25.8 +0.2

FINES FINES Array B 24.61 183 Pn Pn 18 55 26.6 +0.9
FINES comp=Z,5.6nm,0.9s,baz=38,slow=13,SNR=8.4
FINES comp=Z,1.92nm,18.6s,baz=17,slow=36,SNR=13

D28M Stokes Pt 24.82 349 Pn Pn 18 55 27.2 -0.2
D25K Kavik River 24.90 356 Pn Pn 18 55 27.9 -0.4
D25K Kavik River 24.90 356 Pn Pn 18 55 27.9 -0.4

D25K Kavik River 24.90 356 Pn Pn 18 55 28.2 -0.1
D27M Malcom River 24.93 351 Pn Pn 18 55 28.3 -0.3
C21K Knitveblade Rid 25.08 3 Pn Pn 18 55 30.2 +0.4

D24K Happy Valley 25.08 358 Pn Pn 18 55 29.8 0.0
D24K Happy Valley 25.08 358 Pn Pn 18 55 29.7 -0.2
C19K Lookout Ridge 25.10 7 Pn Pn 18 55 30.4 +0.3

23d 18h

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like HFS Hagfors, E25K Arctic Village, etc.

2020 JAN

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like COLA College, ILAR Eielson Array, etc.

1582

Table with columns: Station ID, Name, Frequency, Power, Direction, and other technical details. Includes stations like RC01 Rabbit Creek A, YUK6 Outpost Mountain, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Sand Point, ZAK ZAK, MAKZ Makanchi, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like NVAR Mina Array Bea, MVCO Mesa Verde, PRN Pahroc Range, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like NIED 23 19:16:16.1, WRA Warramunga Arr, ASAR Alice Springs, etc.

23d 20h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time Res, h m s ISC. Includes stations like Earthquake Lak, Huff, Red Mountain, etc.

NEIC 23 20:12:57.9-1.3, 59.59N-0.05-150.48W-0.07, h49km, 4km, ML3.5/172, ML3.3(AEIC), Error ellipse: s-maj=7.8km s-min=4.2km az=149.0

AEIC 23 20:12:59.0-1.0, 59.65N-0.01-150.55W-0.06, h44km, 5km, Error ellipse: s-maj=4.2km s-min=1.3km az=78.0

ISC 23 20:12:58.7-1.0, 59.65N-0.04-150.53W-0.03, h43km, 8km, n192, o066/170, Kenai Peninsula

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time Res, h m s ISC. Lists numerous stations including BRSE, BRLK, CNPM, etc.

2020 JAN

Main station list table with columns: SKT, comp=N, 192nm, 0.4s, IAML, 20 14 06.4, etc. Lists stations like Big Mountain, Sawmill, Cordova Ski Ar, etc.

1584

Main station list table with columns: L16K, comp=N, 51nm, 0.8s, IAML, 4.86 299, etc. Lists stations like Owhat River, Logan Glacier, etc.

IDC 23 20:27:25.2-1.2, 15.452S-174.43W, h0km, mb4, 1/6, mbtmp4, 1/6, Error ellipse: s-maj=49.7km s-min=29.1km az=141.0

NEIC 23 20:27:47.0-1.6, 15.668S-0.08-174.7W-0.2, h168km, 9km, mb2, Error ellipse: s-maj=21.6km s-min=11.1km az=106.0

ISC 23 20:27:45.0-0.6, 15.73S-0.09-174.7W-0.08, h150km, n24, o1564/27, mb4.3/12, Tonga Islands

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time Res, h m s ISC. Lists stations like AFI, NIUE, WHZ, etc.

AFAD 23 20:35:46.7, 39.02N-27.87E, h7km, 1km, ML2.0 ISK 23 20:35:46.7, 39.02N-27.87E, h10km, 1km, ML1.9S, Turkey

Main station list table with columns: Code, Station Name, Az, AzZ, Phase ID, ISC, Time Res, h m s ISC. Lists stations like AKHS, AKS, GORD, etc.

23d 21h

Table of seismic events with columns for station name, time, magnitude, location, and other parameters. Includes stations like BNX, IPM, KULM, GSI, etc.

2020 JAN

Table of seismic events for January 2020, including stations like BNN, BRTR, BRTR, etc., and event details like magnitude and location.

1586

Table of seismic events for station 1586, including stations like BRIU, BRBU, BRBU, etc., and event details.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes station names like GBRP, GBRP, etc.

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

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like R58B, S57A, 435B, etc.

L64A	comp-Z,52nm,0.8s	68.89	354	P	P	21	21	39.0	+1.3
L64A	Middleborough			I	Amb			21	21 40.1
O52A	comp-Z,109nm,1.1s	68.89	345	I	Amb			21	21 39.4
O52A	Adamsville			I	Amb			21	21 39.4
WTF5	comp-Z,64nm,0.8s	68.93	329	P	P	21	21	38.8	+0.6
WTF5	Witchita Falls			I	Amb			21	21 40.1
KSCT	comp-Z,26nm,0.8s	68.97	352	I	Amb			21	21 40.6
KSCT	Kent School, 1K			I	Amb			21	21 40.6
TPB05	comp-Z,53nm,1.1s	69.02	324	P	P	21	21	39.7	+0.9
TPB05	Hovey Rd			I	Amb			21	21 42.0
MNHN	comp-Z,20nm,0.9s	69.06	325	P	P	21	21	39.4	+0.3
MNHN	Monahans			I	Amb			21	21 41.2
229A	comp-Z,36nm,0.6s	69.07	326	P	P	21	21	40.5	+1.4
229A	Bryant Ranch,			I	Amb			21	21 41.8
KSPA	comp-Z,9.1nm,0.8s	69.12	350	I	Amb			21	21 41.6
KSPA	Keystone Colle			I	Amb			21	21 41.6
M57A	comp-Z,100nm,0.8s	69.12	349	I	Amb			21	21 41.7
M57A	Sunshine Farm,			I	Amb			21	21 41.7
ACRG	comp-Z,67nm,0.7s	69.14	72	P	P	21	21	38.4	-1.5
ACRG	Accra			I	Amb			21	21 41.3
HHAR	comp-Z,51nm,0.6s	69.16	334	I	Amb			21	21 39.9
HHAR	Hobbs			I	Amb			21	21 39.9
P48A	comp-Z,35nm,0.6s	69.23	341	I	Amb			21	21 40.9
P48A	Milroy			I	Amb			21	21 40.9
BLO	comp-Z,88nm,0.9s	69.28	344	I	Amb			21	21 41.4
BLO	Bloomington			I	Amb			21	21 41.4
ACSO	comp-Z,18nm,0.8s	69.28	324	P	P	21	21	41.4	+1.0
ACSO	Alum Creek Sta			I	Amb			21	21 43.3
TPB01	comp-Z,24nm,0.9s	69.29	336	I	Amb			21	21 42.0
TPB01	Mountain Grove			I	Amb			21	21 42.0
MGMO	comp-Z,90nm,0.8s	69.30	340	I	Amb			21	21 42.5
MGMO	Mountain Grove			I	Amb			21	21 42.5
OLIL	comp-Z,57nm,0.8s	69.31	354	I	Amb			21	21 42.5
OLIL	Olney			I	Amb			21	21 42.5
BCX	comp-Z,97nm,1.6s	69.33	346	P	P	21	21	40.3	-0.1
BCX	Boston College			I	Amb			21	21 42.5
N53A	comp-Z,53nm,1.1s	69.34	328	I	Amb			21	21 42.7
N53A	Aspermont			I	Amb			21	21 42.7
APMT	comp-Z,41nm,0.8s	69.35	330	I	Amb			21	21 42.8
APMT	Smith Ranch, M			I	Amb			21	21 42.8
X34A	comp-Z,30nm,0.7s	69.38	337	I	Amb			21	21 41.9
X34A	Smith Ranch, M			I	Amb			21	21 41.9
FVM	comp-Z,91nm,0.8s	69.39	331	I	Amb			21	21 41.8
FVM	French Village			I	Amb			21	21 41.8
W35A	comp-Z,20nm,0.7s	69.47	334	I	Amb			21	21 43.0
W35A	Tecumseh			I	Amb			21	21 43.0
U38A	comp-Z,27nm,0.7s	69.49	333	I	Amb			21	21 43.0
U38A	Gravette			I	Amb			21	21 43.0
RLO	comp-Z,38nm,0.5s	69.52	354	P	P	21	21	41.9	+0.4
RLO	Rose Lockout			I	Amb			21	21 44.1
HRV	comp-Z,60nm,0.9s	69.52	354	P	P	21	21	41.9	+0.4
HRV	Adam Dzewonsk			I	Amb			21	21 41.9
HRV	Adam Dzewonsk			P	pmax			21	21 41.9
SN07	comp-Z,19nm,0.7s	69.52	327	P	P	21	21	42.1	+0.4
SN07	Snyder 07			I	Amb			21	21 42.7
TPB06	comp-Z,23nm,0.8s	69.57	325	P	P	21	21	42.4	+0.3
TPB06	TPB06			I	Amb			21	21 43.8
ODSA	comp-Z,23nm,0.8s	69.58	343	P	P	21	21	41.9	+0.1
ODSA	Covington			I	Amb			21	21 43.0
O49A	comp-Z,54nm,0.8s	69.58	353	P	P	21	21	42.0	+0.1
O49A	Northampton			I	Amb			21	21 44.2
L61B	comp-Z,68nm,0.9s	69.58	332	P	P	21	21	41.6	-0.4
L61B	Leonard			I	Amb			21	21 43.3
SYO	comp-Z,30nm,0.5s	69.63	158	eP	P	21	21	28.2	-1.4
SYO	Snyder Base			I	Amb			21	21 43.6
L59A	comp-Z,63nm,1.1s	69.63	351	P	P	21	21	43.0	+0.6
L59A	Walton			I	Amb			21	21 44.2
129A	comp-Z,13nm,0.7s	69.66	324	P	P	21	21	44.0	+1.3
129A	Stewart Farms,			I	Amb			21	21 44.4
PECS	comp-Z,83nm,0.7s	69.73	337	P	P	21	21	42.4	-0.4
PECS	Cathedral Cave			I	Amb			21	21 44.1
CCM	comp-Z,83nm,0.7s	69.73	337	P	P	21	21	42.3	-0.4
CCM	Cathedral Cave			I	Amb			21	21 43.4
Q44A	comp-Z,59nm,1.1s	69.75	339	I	Amb			21	21 45.5
Q44A	Meyer Farm, Va			I	Amb			21	21 45.5
K62A	comp-Z,45nm,1.0s	69.78	353	I	Amb			21	21 45.6
K62A	Royalston			I	Amb			21	21 45.6
BINY	comp-Z,19nm,0.8s	69.78	350	I	Amb			21	21 44.6
BINY	Binghamton			I	Amb			21	21 44.6
N51A	comp-Z,68nm,0.8s	69.80	327	P	P	21	21	44.2	+0.8
N51A	Ashland			I	Amb			21	21 44.1
POST	comp-Z,62nm,0.7s	69.84	341	I	Amb			21	21 45.2
POST	Post			I	Amb			21	21 44.6
VHRN	comp-Z,91nm,0.8s	69.84	323	P	P	21	21	44.1	+0.5
VHRN	Van Horn			I	Amb			21	21 44.2
P46A	comp-Z,69nm,1.0s	69.85	331	P	P	21	21	43.8	+0.2
P46A	Rosedale			I	Amb			21	21 45.6
OKCSW	comp-Z,52nm,0.7s	69.86	342	I	Amb			21	21 44.6
OKCSW	OKLAHOMA CITY			I	Amb			21	21 44.6
O48B	comp-Z,91nm,0.8s	69.90	338	P	P	21	21	43.8	0.0
O48B	Farmen			I	Amb			21	21 45.8
SLM	comp-Z,52nm,0.7s	69.90	338	P	P	21	21	43.8	0.0
SLM	Saint Louis			I	Amb			21	21 43.8
SLM	Saint Louis			P	pmax			21	21 43.8
128A	comp-Z,52nm,0.7s	69.94	326	P	P	21	21	44.9	+0.6
128A	Castleberry Fa			I	Amb			21	21 46.1
TRY	comp-Z,12nm,0.9s	70.01	327	P	P	21	21	45.5	+1.3
TRY	Troy			I	Amb			21	21 44.9
DKNS	comp-Z,49nm,0.8s	70.03	331	P	P	21	21	43.7	-1.0
DKNS	Dkens			I	Amb			21	21 46.5
OK052	comp-Z,69nm,0.8s	70.14	346	I	Amb			21	21 47.0
OK052	Battle Ridge R			I	Amb			21	21 46.2
M52A	comp-Z,80nm,1.4s	70.19	332	P	P	21	21	46.1	+0.5
M52A	Chesterland			I	Amb			21	21 47.2
OK029	comp-Z,42nm,0.6s	70.19	324	P	P	21	21	47.4	+1.6
OK029	Liberty Lake			I	Amb			21	21 49.1
QUOK	comp-Z,18nm,0.9s	70.30	336	P	P	21	21	46.0	-0.2
QUOK	Quay			I	Amb			21	21 47.4
R40A	comp-Z,53nm,0.7s	70.37	324	P	P	21	21	47.6	+0.7
R40A	China Draw			I	Amb			21	21 48.1
CLNB	comp-Z,72nm,1.1s	70.40	344	P	P	21	21	46.7	0.0
CLNB	Carlsbad			I	Amb			21	21 48.1
K57A	comp-Z,28nm,1.1s	70.40	325	P	P	21	21	48.4	+1.3
K57A	Scipio Center			I	Amb			21	21 50.0
M50A	comp-Z,70nm,0.8s	70.40	344	P	P	21	21	48.1	0.0
M50A	Fremont			I	Amb			21	21 48.1
HTMS	comp-Z,47nm,0.9s	70.46	353	I	Amb			21	21 48.4
HTMS	Hat Mesa			I	Amb			21	21 50.0
J61A	comp-Z,62nm,1.1s	70.51	341	I	Amb			21	21 48.0
J61A	Chester			I	Amb			21	21 50.9
OK048	comp-Z,58nm,0.8s	70.50	332	I	Amb			21	21 49.5
OK048	Pawnee Station			I	Amb			21	21 49.5
SFIN	comp-Z,61nm,0.7s	70.74	332	I	Amb			21	21 50.9
SFIN	Lafayette			I	Amb			21	21 50.9
T35A	comp-Z,65nm,1.0s	70.78	353	P	P	21	21	50.8	+1.8
T35A	Sooner Cattle			I	Amb			21	21 52.1
HNH	comp-Z,75nm,0.9s	70.86	354	P	P	21	21	50.9	+1.5
HNH	Hanover			I	Amb			21	21 52.3
I62A	comp-Z,33nm,0.9s	70.86	329	P	P	21	21	51.0	+1.4
I62A	Tamworth			I	Amb			21	21 52.3
SMWD	comp-Z,31nm,0.8s	70.96	355	P	P	21	21	52.2	+2.3
SMWD	Samnorwood			I	Amb			21	21 52.3
I63A	comp-Z,77nm,0.7s	70.96	355	P	P	21	21	52.2	+2.3
I63A	Otisfield			I	Amb			21	21 52.2

163A	comp-Z,83nm,0.7s	70.97	325	P	P	21	21	50.9	+0.5
163A	Cap Rock			I	Amb			21	21 52.1
CPRX	comp-Z,99m,0.9s	70.97	350	I	Amb			21	21 50.9
CPRX	Williamstown			I	Amb			21	21 52.1
J57A	comp-Z,93nm,0.8s	71.01	43	P	P	21	21	51.5	-0.4
J57A	MACI			I	Amb			21	21 52.4
CROK	comp-Z,64nm,0.7s	71.02	331	P	P	21	21	51.1	+0.6
CROK	Carrier			I	Amb			21	21 52.6
J55A	comp-Z,52nm,0.7s	71.12	349	I	Amb			21	21 51.6
J55A	Hilton			I	Amb			21	21 52.6
MEDO	comp-Z,43nm,0.8s	71.13	348	P	P	21	21	51.6	+0.7
MEDO	Medina			I	Amb			21	21 52.8
MSTX	comp-Z,46nm,0.9s	71.16	326	P	P	21	21	52.8	+1.3
MSTX	Muleshoe			I	Amb			21	21 54.1
HAL	comp-Z,180nm,0.8s	71.25	360	P	P	21	21	52.7	+1.1
HAL	Halifax			I	Amb			21	21 52.7
HAL	Halifax			P	pmax			21	21 52.7
GC02	comp-Z,21nm,0.8s	71.26	331	P	P	21	21	53.0	+1.2
GC02	Grant County #			I	Amb			21	21 54.2
NCB	comp-Z,50nm,0.8s	71.27	352	I	Amb			21	21 54.2
NCB	Newcomb			I	Amb			21	21 54.2
LBNH	comp-Z,67nm,0.8s	71.27	354	P	P	21	21	52.8	+1.0
LBNH	Lisbon			I	Amb			21	21 54.7
LBNH	Lisbon			P	pmax			21	21 52.8
ELIS	comp-Z,67nm,0.9s	71.28	330	P	P	21	21	52.2	+0.1
ELIS	Ellis County			I	Amb			21	21 54.5
OK038	comp-Z,41nm,0.6s								

Table with columns for station call letters, name, frequency, and other details. Includes stations like LBTB Lobatse, HMU Henry Mountain, PMD Palm Desert, PFO Pinyon Flats O, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like ULM Lac du Bonnet, PTEO Sao Teotônio, HVU Hansel Valley, PBDV Barranco-do-Ve, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like O03E Paynes Creek, PLID Pearl Lake, JOBA Circle Bar, ESDC Sonseca Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like CANM Can-anakkale, URLA Izmir, GMLD Gumuldur, etc.

Table with columns: TOLIZ, Tolitoli, 3.46 220 S, 22 01 25.9 -2.3, etc. Includes stations like DAV Davao City (W), DAV Davao City (W), etc.

Table with columns: BKNI Bangkinang, 22.23 262 P, 22 03 24.1 +1.1, etc. Includes stations like KULM Kulim, KULM Kulim, EGSI Enggano, etc.

WEL 23 21:42:18.4 ± 1.2, 33°S ± 23.1, 179°E ± 3.5, h493km ± 32km, M3.7(12), mB4.1(6), MLV4.1(12), Mw(mB)3.2(6), Error ellipse: s-maj=45.8km s-min=29.0km az=103.4, confirmed, South of Kermadec Islands

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

Table with columns: KRAI Karang Ratu, 10.5nm, 0.8s, 9.03 145 P, 22 01 15.2 +0.5, etc. Includes stations like AAI Ambon, KSAI Kassar, KAPI Kappang, etc.

Table with columns: CMAR Chiang Mai Arr, 27.72 304 P, 22 04 12.4 +1.0, etc. Includes stations like CMAR Chiang Mai, CMAR Chiang Mai, CMAR Chiang Mai, etc.

IDC 23 21:48:26.9 ± 1.1, 5.78S, 127.87E, h395km ± 13km, mb3.0/3, mbmp4.2/7, Error ellipse: s-maj=18.5km s-min=10.9km az=89.0

ISC 23 21:48:27.0 ± 0.9, 5.79S ± 0.08, 127.9E ± 0.1, h400km, n7, s-maj=15.1km, mb3.4, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like SIJI Sorong, SIJI Sorong, BATI Baumenta, etc.

Table with columns: WBSI Waikabubak, Su, 13.80 195 P, 22 02 02.6 -1.3, etc. Includes stations like BATI Baumenta, BATI Baumenta, BATI Baumenta, etc.

Table with columns: ENSH Enshui, 29.31 336 P, 22 04 25.8 +0.7, etc. Includes stations like ENSH Enshui, ENSH Enshui, ENSH Enshui, etc.

AEIC 23 21:49:31.2 ± 4.7, 51.87N ± 0.03, 177.93W ± 0.01, h6km ± 4km, Error ellipse: s-maj=4.0km s-min=1.3km az=173.0

NEIC 23 21:49:30.8 ± 0.9, 52.06N ± 0.03, 177.86W ± 0.04, h10km ± 1km, mb4.6/1, ML3.0(AEIC), Error ellipse: s-maj=5.8km s-min=4.1km az=155.0, Andreano Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like TAFP Tanaga Falls P, TAFP Tanaga Falls P, TAPA Tanaga Point A, etc.

Table with columns: JAY Jayapura, 18.74 109 P, 22 02 52.2 +0.8, etc. Includes stations like BBJI Bungbulang, BBJI Bungbulang, BBJI Bungbulang, etc.

Table with columns: LZHM Lanzhou Arr, 36.67 333 P, 22 05 28.2 +0.7, etc. Includes stations like LZHM Lanzhou, LZHM Lanzhou, LZHM Lanzhou, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like EVN Everest, ARMA Armadale, ARMA Armadale, HILR Hailar Array B, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like M24K Tolsona, Glenn, BMAR Burnt Mountain, L27K Beaver Creek, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Includes stations like MSH2.9/7, SEVI Kastamonu-Seuy, BOYA Sinop/Boyabast, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like TASE Tanaga Southeast, TACS Tanaga Cape Sa, TANO Tanaga North, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like D20K Klutina, KLU Klutina, M24K Tolsona, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like YKA Yellowknife Ar, YKA Yellowknife B, YBH Yreka Blue Hr, etc.

IDC 24 00:46:45.5-9.26:17Sx177.76E,h447km,118km, mb2.9,5,mbtp3.6/6, Error ellipse: s-maj=99.2km s-min=29.4km az=2.0

ISC 24 00:46:45.5-9.26:2S:0.2x177.8E:0.2,h450km,n7, 0.05077,mb3.2/5, South of Fiji Islands

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

OSPL 24 00:46:48.7:1.5,18:04N:71:24W,h12km,12km,ML1.3, Presumed earthquake

SDD 24 00:46:50.5:2.0,18:12N:71:29W,h12km,11km,MD2.6, ML1.7,MW2.9, Presumed earthquake

ISC 24 00:46:49.1:1.2,18:04N:0.03:71:30W:0.06,h9km,8km,n9, 0.084/14,3C-1D, Dominican Republic region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PODR Polo, LOBH Bahia de las A, LONE3 El Aguacate, etc.

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

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

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

Table with columns: TXAR, Lajitas Array, 89.74 53 P, P, 03 37 09.2 0.0, comp=E,0.3nm,0.7s,baz=249,slow=2.7,SNR=2.9

NEIC 24 03:24:22.2,3,30.915S:0.06:177.6W:0.2, h10km,2km, mb4.6/6, Error ellipse: s-maj=25.6km s-min=8.7km az=100.0

ISC 24 03:24:22.6,1.1,30.735S:177.94W, h0km, mb4.5/4, mbmp4.4/5, ML3.6/1, Error ellipse: s-maj=33.9km s-min=22.8km az=129.0

ISC 24 03:24:27.8,1.1,30.705S:177.0W:0.2, h46km, n30, az=42/7, mb4.6/7, Kermadec Islands

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

Table with columns: F24K, Squaw Lake, 21.43 32 P, P, 03 35 40.9 +1.5, comp=E,2.6nm,1.3s

IDC 24 03:35:55.3,1.0,51.87N:177.86W, h0km, mb3.8/12, mbmp3.8/13, ML3.6/1, MS3.4/8, Error ellipse: s-maj=25.9km s-min=19.7km az=6.0

AEIC 24 03:35:55.2,1.7,51.9N:0.1:178.0W:0.1, h5km,2.4km, Error ellipse: s-maj=19.5km s-min=9.1km az=174.0

NEIC 24 03:35:56.2,3.5,51.8N:0.1:178.0W:0.1, h10km,1km, mb4.2/81, ML4.1/10, ML3.6/1(AEIC), Error ellipse: s-maj=23.8km s-min=10.9km az=161.0

ISC 24 03:35:56.2,0.7,51.86N:0.04:177.95W:0.02, h7km,2.4km, n111, az193/92, mb4.2/36, MS3.5/5, Andean Islands

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

AEIC 24 03:30:49.3,1.6,51.8N:0.1:177.77W:0.02, h5km,5km, Error ellipse: s-maj=15.9km s-min=1.7km az=178.0

NEIC 24 03:30:50.8,3.0,51.9N:0.08:177.81W:0.4, h10km,2km, mb4.0/10, ML3.7/10, ML3.3(AEIC), Error ellipse: s-maj=13.7km s-min=3.3km az=168.0

IDC 24 03:30:56.8,4.6,52.78N:177.45W, h0km, mb3.2/2, mbmp3.6/5, ML3.4/3, MS3.4/1, Error ellipse: s-maj=95.2km s-min=24.9km

ISC 24 03:30:50.7,0.9,51.83N:0.07:177.73W:0.02, h4km,7km, n38, az141/46, mb4.0/7, Andean Islands

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

Table with columns: D23K, Nanushuk River, 21.47 27 Iamb, Iamb, 03 40 51.7, comp=E,2.6nm,0.8s

IDC 24 03:44:26.2,0.6,36.94N:142.10E, h0km, mb4.1/22, mbmp4.1/27, ML3.9/5, MS3.8/28, Error ellipse: s-maj=15.0km s-min=13.6km az=123.0

MOS 24 03:44:28.6,1.1,37.03N:142.06E, h2km, mb4.6/19, Error ellipse: s-maj=10.6km s-min=6.5km az=116.3

NIED 24 03:44:28.9,36.97N:142.07E, h42km, MW4.3, Moment Tensor Solution, s3 Moment tensor, Scale 10^19N; Mn:0.5; Mb:0.66; Mw:1.24; Mo:1.73; Mo:0.03; Mw:3.13; Fault plane solution: Ms3.73000x10^15 NP1: phi=143.00000; lambda=33.00000; tau=1.02.00000; NP2:phi=29.00000; lambda=0.00000; tau=1.02.00000

JMA 24 03:44:28.9,0.3,37.0N:0.9:142.1E; h42km, MD4.6/36, MV4.1/36, E OFF FUKUSHIMA PREF, JMA F1/1, J OFF FUKUSHIMA PREF

NEIC 24 03:44:31.5,1.4,37.02N:0.05:142.02E:0.0, h30km,5km, mb4.6/42, Error ellipse: s-maj=9.8km s-min=0.7,3km az=84.0

ISC 24 03:44:29.5,0.5,37.02N:0.04:141.93E:0.05, h19km, n181, az177/128, mb4.4/62, MS3.9/34, 9C-4D, Near east coast of eastern Honshu

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

IDC 24 03:44:26.2,0.6,36.94N:142.10E, h0km, mb4.1/22, mbmp4.1/27, ML3.9/5, MS3.8/28, Error ellipse: s-maj=15.0km s-min=13.6km az=123.0

MOS 24 03:44:28.6,1.1,37.03N:142.06E, h2km, mb4.6/19, Error ellipse: s-maj=10.6km s-min=6.5km az=116.3

NIED 24 03:44:28.9,36.97N:142.07E, h42km, MW4.3, Moment Tensor Solution, s3 Moment tensor, Scale 10^19N; Mn:0.5; Mb:0.66; Mw:1.24; Mo:1.73; Mo:0.03; Mw:3.13; Fault plane solution: Ms3.73000x10^15 NP1: phi=143.00000; lambda=33.00000; tau=1.02.00000; NP2:phi=29.00000; lambda=0.00000; tau=1.02.00000

JMA 24 03:44:28.9,0.3,37.0N:0.9:142.1E; h42km, MD4.6/36, MV4.1/36, E OFF FUKUSHIMA PREF, JMA F1/1, J OFF FUKUSHIMA PREF

NEIC 24 03:44:31.5,1.4,37.02N:0.05:142.02E:0.0, h30km,5km, mb4.6/42, Error ellipse: s-maj=9.8km s-min=0.7,3km az=84.0

ISC 24 03:44:29.5,0.5,37.02N:0.04:141.93E:0.05, h19km, n181, az177/128, mb4.4/62, MS3.9/34, 9C-4D, Near east coast of eastern Honshu

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

Table with columns: MXZ, MZ, WMGZ, etc. Station Name, Time, Res. Includes stations like Matakaoa Point, Waioamatatini S, Te Kaha, Pakihiroa, Puketiti, etc.

Table with columns: CKHZ, CKHZ, MTHZ, etc. Station Name, Time, Res. Includes stations like Cape Kidnapper, Maungataniwha, Kereru, Kahuranaki, etc.

HEL 24 04:17:31.8±0.6, 67.62N±0.33, 93E, h0km, ML1.5, Suspected explosion, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Phase ID, Time, Res. Includes stations like VRF Vario, VLF OLK, OLKF Rieki, etc.

SJA 24 04:29:05.6±0.8, 22.76S±0.68, 73W, h115km±7km, ML3.9, MW4.0

NEIC 24 04:29:06.4±1.6, 22.81S±0.06, 68.70W±0.06, h116km±8km, mb4.27, ML3.9(GUC), Error ellipse: s-maj=9.0km

GUC 24 04:29:07.0±0.6, 22.73S±0.68, 72W, h102km±3km, ML3.9

ISC 24 04:29:06.1±0.8, 22.71S±0.05, 68.76W±0.05, h115km±7km, n60, ±122/69, SC, Northern Chile

Table with columns: Code, Station Name, Phase ID, Time, Res. Includes stations like AF01 San Pedro de A, PB06 IPOC Station P, etc.

IDC 24 03:57:26.8±1.9, 29.55S±1.76, 04W, h0km, mb4.1/3, mbmp4.0/3, MS3.3/3, Error ellipse: s-maj=86.0km

ISC 24 03:57:30.8±1.5, 29.68S±1.17, 04W±0.1, h28km, n11, ±65/37, mb4.1/3, Kermadec Islands region

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

WEL 24 03:59:30.3±0.4, 39.52S±2.17, 177E±1, h27km±3km, M2.0/12, ML2.0/17, MLV2.0/12, Error ellipse: s-maj=4.1km

Table with columns: Code, Station Name, Phase ID, Time, Res. Includes stations like MCHZ McNeill Hill, ARHZ Aropanoani, etc.

Table with columns: PB11 IPOC Station P, GO01 Chuzmiza, GO01 Chuzmiza, etc. Station Name, Time, Res. Includes stations like Chuzmiza, Pan de Azucar, etc.

SSNC 24 04:33:53.2±1.1, 19.87N±74.75W, h15km±6km, MD2.2, ML0.2, Presumed earthquake, Cuba region

Table with columns: Code, Station Name, Phase ID, Time, Res. Includes stations like QMBU Quimbué, QMBU Quimbué, etc.

SDD 24 04:42:55.4±1.6, 17.87N±66.95W, h16km±12km, MD3.3, ML2.5, MW2.7, Presumed earthquake

OSPL 24 04:42:55.9±0.3, 17.88N±66.94W, h16km±2km, ML2.2, Presumed earthquake

ISC 24 04:42:51.9±2.3, 17.8N±0.1, 66.92W±0.05, h13km±13km, n11, ±0.78/21, 4C-6D, Puerto Rico region

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

IDC 24 04:57:59.0±1.6, 17.32N±40.44E, h0km, mb3.9/11, mbmp3.9/11, MS3.3/5, Error ellipse: s-maj=39.1km

NEIC 24 04:58:02.3±1.6, 17.5N±0.1, 40.5E±0.1, h10km±2km, mb4.3/11, Error ellipse: s-maj=19.6km s-min=18.3km az=204.0

ISC 24 04:58:01.0±0.7, 17.46N±0.10, 40.4E±0.1, h10km, n35, ±0.70/29, mb4.1/14, Red Sea

Table with columns: Code, Station Name, Phase ID, Time, Res. Includes stations like ATD Arta Tunnel, ATD Arta Tunnel, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like H03N1 Juan Fernandez, H03N2 Juan Fernandez, H03N3 Juan Fernandez, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like TGUH Tegucigalpa, SJG San Juan, SJG San Juan, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like NCB Newcomb, R32A Long Quarter, ANMO Albuquerque, etc.

24d 5h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like ELIB Princess Elisa, YBH Yreka Blue Hor, NEW Newport, etc.

2020 JAN

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like BOSA comp=Z,2.6nm,0.6s, etc., BOSA Concordia, Ant, etc.

1606

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like LANS Liptovska Anna, LANS Liptovska Anna, etc.

24d 7h

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like MNAS Manas, ARLS Aral, CHMK Chinkent, etc.

2020 JAN

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like KRBS Karabastau, TNSSS Tian-Shan, AAA Alma-Ata, etc.

1612

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like SMLA Simla, SMLA Simla, SMLA Simla, etc.

24d 7h

2020 JAN

1614

Main table containing flight data with columns for airline, flight number, origin, destination, departure time, arrival time, status, and other details. Includes sub-sections for various airlines like ANTO, BJR, and others.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like ELND, KSV, VSU, ARBE, MORS, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like KECS, LIT, NIE, RAF, VAF, etc.

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like MODS, ZST, ZST, VRAC, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like SENIN, BCLA, BGES, BMDR, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like YSS, KMBO, STRD, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like PAB, BBJ, BBJ, etc.

24d 7h

Table with columns: Station Name, Elevation, Frequency, Power, and other technical details. Includes stations like TULEG Thule, SRBI Singaraja, AVE Averroes, etc.

2020 JAN

Table with columns: Station Name, Elevation, Frequency, Power, and other technical details. Includes stations like G16K Koyuk River, NRS Narsarsuaq, D23K Narsarsuaq, etc.

1618

Table with columns: Station Name, Elevation, Frequency, Power, and other technical details. Includes stations like P08K Saint George I, CHUM Lake Minchum, POKR POKR Plat Res, etc.

24d 7h

2020 JAN

1620

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like White River Ci, Kansas State U, Idaho Springs, Maddies Statio, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GORD Gordes-Manisa, SOMA Soma-Manisa, ODEM Odemis-Izmir, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WMQ Urumqi, BVAR Borovoye Array, AKTO Aktyubinsk, etc.

Table with columns: Station Name, Frequency, Mode, SNR, and other metrics. Includes stations like ETOB, EXRIP, CLTB, etc.

Table with columns: Station Name, Frequency, Mode, SNR, and other metrics. Includes stations like PAB, MURB, EMJ, etc.

Table with columns: Station Name, Frequency, Mode, SNR, and other metrics. Includes stations like PESTR, PVAO, MFF, etc.

1625

Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like BORK Borovoye, KMBO Kilima Mbogo, and many others.

2020 JAN

Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like ITTB Itaituba, SPMM Marine on St., and many others.

24d 7h

Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like E19K Redstone River, D17K Noatak River, and many others.

24d 7h

2020 JAN

1626

Table with columns: ANM, Nome, Time, Res, P, P, 07 36 21.6 +0.5, etc. Lists various stations and their coordinates.

Table with columns: TXAR, Lajitas Array, 86.65 304, P, P, 07 37 03.4 +0.5, etc. Lists stations like Nanjing, Korea Array, Mina Array, etc.

Table with columns: <195/36, 14C-10D, Tajikistan, Code, Station Name, Az, Az, Phase ID, Time, Res, etc. Lists stations like Karamyk, Batken, Garm, etc.

24d 9h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Kevo, Jettan, Norweg, ARCES Array S, etc.

2020 JAN

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Nagua, MCDR Montecristi, Loma La Naviza, etc.

1628

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Zeytinok-Aydi, Ransiki, Manokwari, etc.

UION	eS	Sn	10 49 54.4 -1.2	TUL3 Leonard	19.77 3 IAMB IAMB	10 52 27.4	comp=Z.19nm,0.9s	P48A Milroy	25.42 21 IAMB IAMB	10 53 14.7
MOIG Morelia	5.26 313 eP	Pn	10 49 08.1 +2.2	OK052 Battle Ridge R	19.82 1 IAMB IAMB	10 52 32.3	comp=Z.29nm,1.2s	MTPU Mount Pierson	25.58 332 IAMB IAMB	10 53 32.2
MOIG Morelia	5.26 313 eP	Pn	10 49 07.4 +1.5	Y22A Socorro	19.86 335 IAMB IAMB	10 52 33.4	comp=Z.37nm,0.4s	SZCU Shurtz Canyon	25.64 330 IAMB IAMB	10 53 33.2
MOIG Morelia	5.26 313 eS	Pn	10 50 06.4 +0.6	QUOK Quay	20.00 1 IAMB IAMB	10 52 33.2	comp=Z.26nm,1.1s	SFIN Lafayette	25.71 18 IAMB IAMB	10 53 24.5
MOIG Morelia	5.26 313 S	Pn	10 49 08.4 +2.5	Y49A Blount Mountain	20.14 27 IAMB IAMB	10 52 22.2	comp=Z.22nm,0.2s	S54A Dingess Beckl	25.73 30 IAMB IAMB	10 53 18.2
HUEH Huehuetenango	5.46 97 P	Pn	10 49 10.7 +2.1	OK048 Pawnee State	20.24 0 IAMB IAMB	10 52 38.9	comp=Z.54nm,0.9s	SRU San Rafael Sew	25.76 335 IAMB IAMB	10 53 28.6
JRQG Juriquilla Cam	5.57 326 eP	Pn	10 49 12.1 +2.1	TUC Tucson	20.36 325 IAMB IAMB	10 52 23.3 0.0	comp=Z.42nm,1.0s	L34A Swensen Farm	25.79 1 IAMB IAMB	10 53 26.2
JRQG Juriquilla Cam	5.57 326 eS	Pn	10 49 13.4 +3.4	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.27nm,0.9s,baz=148,slow=13,SNR=19	Q16A Castle Valley	25.86 334 IAMB IAMB	10 53 30.1
JRQG Juriquilla Cam	5.57 326 eP	Pn	10 50 16.4 +3.2	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.7.2nm,0.9s,baz=148,slow=13,SNR=19	P18A Preston Nutt	26.10 336 IAMB IAMB	10 53 36.9
IGIG Irapuato, Guan	6.12 320 eP	Pn	10 49 20.3 +2.7	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.2.9nm,1.1s	T57A Hurt	26.15 34 IAMB IAMB	10 53 29.9
IGIG Irapuato, Guan	6.12 320 eS	Pn	10 49 21.7 +2.8	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.35nm,1.4s	P17A Butcher Ranch	26.16 336 IAMB IAMB	10 53 36.9
SCIG Sabancuy	6.33 62 eP	Pn	10 49 17.8 -2.6	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.3.9nm,1.4s	P51A Williamsport	26.26 325 IAMB IAMB	10 53 30.7
SCIG Sabancuy	6.33 62 eS	Pn	10 50 26.5 -5.4	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.40nm,1.1s	RDMU Red Mountain	26.68 339 IAMB IAMB	10 53 35.9
SCIG Sabancuy	6.33 62 eP	Pn	10 49 18.4 -1.9	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.55nm,1.4s	R55A Marlinton	26.68 31 IAMB IAMB	10 53 27.1
SCIG Sabancuy	6.33 62 eS	Pn	10 50 28.6 -3.2	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.55nm,1.4s	S0V Santo Domingo	26.81 102 LR	11 05 17.7
MMIG Aquila	6.34 2911 eP	Pn	10 49 20.4 0.0	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.2.17nm,1.9s,baz=278,slow=39	SDV Santo Domingo	26.81 102 LR	11 05 27.6 +0.5
MMIG Aquila	6.34 2911 eS	Pn	10 50 28.4 -3.6	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.2.17nm,1.9s,baz=278,slow=39	S57A Dark Hollow, R	26.88 33 IAMB IAMB	10 53 29.4
APG El Apazote	6.50 99 Pn	Pn	10 49 23.4 +0.5	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.50nm,1.4s	ACSO Alum Creek Sta	27.01 24 IAMB IAMB	10 53 32.6
APG El Apazote	6.50 99 Sn	Pn	10 50 34.9 -1.4	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.3.9nm,1.4s	S11A Rache	27.04 326 IAMB IAMB	10 53 45.7
APG El Apazote	6.50 99 Sn	Pn	10 50 34.9 -1.4	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.3.9nm,1.4s	P53A Whipple	27.05 27 IAMB IAMB	10 53 51.2
PETF Flores	7.00 82 P	Pn	10 49 29.6 +0.1	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	BSUT Blinds Bluff	27.08 337 IAMB IAMB	10 53 44.6
PETF Flores	7.00 82 P	Pn	10 49 29.0 -0.6	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	JFWS Jewell Farm	27.36 11 IAMB IAMB	10 53 57.0
FAME Alcaldia de Sa	7.22 107 P	Pn	10 49 34.0 +1.4	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	O52A Adamsville	27.38 26 IAMB IAMB	10 53 41.9
NUBE Las Nubes	7.42 106 P	Pn	10 49 36.7 +1.3	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	Q56A Snyder Ridge	27.73 31 IAMB IAMB	10 53 43.9
CEVE Cerro Verde	7.58 106 P	Pn	10 49 30.3 +0.8	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	VES Vestal, Richg	27.75 319 IAMB IAMB	10 53 54.7
ESQI Esquillas	7.67 102 P	Pn	10 49 35.5 +0.6	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	O53A New Philadelph	27.76 27 IAMB IAMB	10 53 44.7
MTOS Montecristo	7.67 102 P	Pn	10 49 35.5 +0.6	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	MCWV Mont Chateau	27.90 29 IAMB IAMB	10 53 45.5
CJM Chabela	8.28 295 eP	Pn	10 49 46.5 -0.6	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	O54A Avela	28.07 28 IAMB IAMB	10 53 39.4
CJM Chabela	8.28 295 eS	Pn	10 51 22.4 +2.8	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	N53A Lisbon	28.38 27 IAMB IAMB	10 53 50.2
ZAIG Zacatecas	8.39 323 eP	Pn	10 49 48.7 -0.2	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
ZAIG Zacatecas	8.39 323 eS	Pn	10 49 47.9 +0.5	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
MYIG Merida	8.50 54 eP	Pn	10 51 27.0 +4.0	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
MYIG Merida	8.50 54 eS	Pn	10 49 50.7 +0.6	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
ANIG Ahuacatlan	8.58 306 eP	Pn	10 51 25.7 +0.5	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
ANIG Ahuacatlan	8.58 306 eS	Pn	10 49 52.8 +1.5	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
ANIG Ahuacatlan	8.58 306 eP	Pn	10 51 30.3 +3.0	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
LNIG Linares	9.03 346 eP	Pn	10 49 57.9 +0.5	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
TEIG Tepich	9.35 63 Pn	Pn	10 50 01.0 -0.7	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
TEIG Tepich	9.35 63 Sn	Pn	10 51 38.6 -7.5	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
TEIG Tepich	9.35 63 Sn	Pn	10 50 00.6 -1.1	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
MMIG Monterrey	9.35 343 eP	Pn	10 50 06.1 -3.5	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
MMIG Monterrey	9.35 343 eS	Pn	10 52 06.7 +6.6	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
HERN Volcan Telica	10.55 108 Pn	Pn	10 50 20.7 +2.3	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
CNGN Cerro Negro	10.71 108 Pn	Pn	10 50 20.4 0.0	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
BOAB BOACOBROADBANK	14.69 107 Pn	Pn	10 51 34.5 +0.9	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
833A Chaparral WMA	12.35 351 Pn	Pn	10 50 42.4 -0.4	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
EL11 Hacienda Flor	12.48 114 P	Pn	10 50 48.9 +4.2	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
JUD3 Juan Diaz 3	12.72 116 Pn	Pn	10 50 49.8 +1.8	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
JTS Las Juntas de	13.17 115 Pn	Pn	10 50 55.2 +1.1	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
JTS Las Juntas de	13.17 115 LR	LR	10 55 10.7	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
HPG Hondo	13.39 325 Pn	Pn	10 50 55.8 +1.7	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
HLND Muldoon	13.52 352 Pn	Pn	10 50 57.9 +0.4	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
DLRO Del Rio	13.65 347 Pn	Pn	10 50 58.3 0.0	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
HDC Heredia	14.04 114 Pn	Pn	10 50 59.9 -0.7	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
RAFA San Rafael, Vo	14.32 114 Pn	Pn	10 51 09.4 +3.3	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
TXAR Lajitas Array	14.49 337 Pn	Pn	10 51 10.4 +0.2	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
TXAR Lajitas Array	14.49 337 Pn	Pn	10 51 12.6 +0.4	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
TXAR Lajitas Array	14.49 337 Lg	Lg	10 55 26.3	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
TXAR Lajitas Array	14.49 337 LR	LR	10 57 27.5	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
TXAR Lajitas Array	14.49 337 LR	LR	10 51 11.9 -0.2	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
TX31 Junction City	14.53 351 Pn	Pn	10 51 12.3 +0.0	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
JCT Junction City	14.53 351 Pn	Pn	10 51 11.5 -1.1	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
SANB Sanderson	14.54 351 Pn	Pn	10 51 14.5 +1.1	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
435B Jarrell	14.62 358 Pn	Pn	10 51 12.9 +1.6	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
HNVL Huntsville, TX	14.67 6 Pn	Pn	10 51 13.7 -0.8	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
LP1G La Paz	14.72 305 LR	LR	10 56 21.9	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
OJACH Ojochal	14.87 61 Pn	Pn	10 51 20.5 +3.2	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
SOR Soroca	14.87 61 Pn	Pn	10 51 15.1 -2.2	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
DRKO Durika	15.14 115 Pn	Pn	10 51 22.5 +1.5	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
BRDY Brady	15.22 354 IAMB IAMB	IAMB	10 51 20.8 -1.0	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
BRDY Brady	15.22 354 IAMB IAMB	IAMB	10 51 41.5	ANMO Albuquerque	20.55 338 P	10 52 25.8 +0.3	comp=Z.43nm,1.1s	PDAR Pinedale Array	28.64 341 P	10 53 43.0 -0.2
PIRO Puerto	15.48 118 IAMB IAMB	IAMB	10 51							

Table with columns: MDT, NOA, ARCES, MEM, HFS, MA2, TIKI, DAVOX, DBIC, FINES, GERES, VRAC, KEST, YAK, NRK, VAE, AKASG, OBN, MLR, DZM, MKAR, HHC, WMQ, NMJ, CD2, WRA, ASAR, PZH, CMAR. Includes station names, coordinates, and various codes.

MEX 24 11:00:06.5:0.6, 16:02N:97:19W, h26km, 6km, MD3.7, Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Lists stations like Puerto Escondi, Yonotepa, Huatulco, etc.

MEX 24 11:00:21.5:0.5, 15:33N:97:16W, h14km, 4km, MD3.8, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Lists stations like Puerto Escondi, Huatulco, Yonotepa, etc.

AFAD 24 11:04:48.4, 39:10N:27:83E, h7km, 2km, ML1.6

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Lists stations like AKS, AKHS, AKHS, AKHS, AKHS, etc.

Table with columns: IZMR, SIMA. Includes station names and coordinates.

IDC 24 11:11:08.1:0.9, 50:58N:73:62E, h0km, mb3.2/1, mbmp3.0/6, ML2.6/5, Error ellipse: s-maj=22.7km s-min=9.7km az=20.0

NINC 24 11:11:08.7:1.1, 50:76N:73:73E, h0km, mb3.4, mpv3.1, Error ellipse: s-maj=22.1km s-min=6.7km az=25.0

ISC 24 11:11:07.1:0.9, 50:56N:0:09:73:64E:0:07, h0km, n15, s161/14, 4C-7D, Central Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Lists stations like BVA0, BVA0, BVA0, etc.

IDC 24 11:14:51.3:1.1, 37:79N:134:34E, h421km, 18km, mb2.7/4, mbmp3.6/8, Error ellipse: s-maj=29.7km s-min=17.3km az=55.0

JMA 24 11:14:51.4:0.3, 38:N2:13:5E, h428km, MV3.2/39, SEA OF JAPAN

ISC 24 11:14:50.5:0.9, 37:30N:134:49E:0:09, h407km, n16, s250/17, mb3.0/4, Sea of Japan

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

TAP 24 11:17:09.9, 24:13N:122:50E, h25km, ML2.7, C

JMA 24 11:17:09.3:0.2, 24:N:1:12:5E:0:7, h18km, MV2.1/10, WVF ISHIGAKI/JMA/IS

ISC 24 11:17:09.9:1.0, 24:06N:102:47E:0:02, h28km, 7km, n44, c066/78, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Lists stations like E0S4, E0S4, E0S4, etc.

Table with columns: FUSHANZHUYUYUA, NAN SHAN, SHUANGXI, HEHUAN SHAN, RUISUI, FUSHU, WULAI, GRASS MOUNTAIN, YEHENG, LIOTOME-FUNAU, HUNGYE, SANGANG, RENGAI, WUDBEN, WUDBEN, YU-IL, YU-IL, TAIPEI, WUFENG TOWNSHI, GUANXI TOWNSHI, KURO-SHIMA, EMEI, ISHIGAKI JIMA, ISHIGAKI JIMA. Includes station names and coordinates.

IDC 24 11:25:02.4:1.6, 36:69N:5:54E, h0km, mb3.5/2, mbmp3.5/4, ML3.3/2, Error ellipse: s-maj=34.8km s-min=30.7km az=162.0

CRAAG 24 11:25:03.7, 36:71N:5:58E, MI3.5, Algrie 09km SE El-Aouana

MDD 24 11:25:06.0:0.8, 36:70N:5:75E, h10km, 9km, Mb4.4/24, M, mb3.8/27, Error ellipse: s-maj=9.5km s-min=4.2km az=139.0

ISC 24 11:25:04.1:0.7, 36:30N:0:04:57:4E:0:03, h10km, n56, s181/71, 15C, Northern Algeria

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Lists stations like DFRF, CBOS, CBHR, CQED, CAZD, CKHR, CASM, CKFL, CRHA, CTEI, CTCHA, CSGS, CBST, ATKF, CMHJ, CTGD, CKTS, AKET, ABSD, CRHA, CBSAR, ADOR, AFRS, ABRIN, CNGR, SIDI LEDJEL, EHRZ, EARB, KEST. Includes station names and coordinates.

MAHO Mahon 3:30 340 Pn Pn 11 25 56.1 +0.3

MAHO MAHO 3:75 323 Pn Pn 11 26 31.4 -3.8

ETOS Malloca 3:75 323 Pn Pn 11 26 40.0 -5.9

ETOS Malloca 3:75 323 Pn Pn 11 26 03.0 +1.0

ETOS 443nm, SNR=2.4

ETOS Villasalto 3:94 46 Pn Pn 11 26 05.7 +1.1

VSL VSL 3:94 46 Pn Pn 11 26 49.5 -1.3

EIBI Ibiz 4:13 304 Pn Pn 11 26 07.9 +0.8

EIBI Ibiz 4:13 304 Pn Pn 11 26 50.7 -4.8

EIBI Ibiz 4:13 304 Pn Pn 11 26 08.2 +1.0

EIBI 673nm, SNR=2.8

EIBI Islas Columb 5:04 309 Pn Pn 11 26 53.4 -2.1

ECOL ECOL 5:06 294 Pn Pn 11 27 18.2 +0.4

EBEN2 Beniarda presa 5:06 294 Pn Pn 11 26 21.1 +1.1

EBEN2 530nm, SNR=1.9

CART Cartagena 5:44 280 Pn Pn 11 26 24.9 -0.3

EPOB Poblet 5:82 323 Pn Pn 11 26 31.2 +0.7

EPOB 174nm, SNR=2.2

EPOB Horta de San J 5:92 316 Pn Pn 11 27 33.7 -3.5

ERTA 109nm, SNR=1.2

ERTA 5:92 316 Pn Pn 11 26 33.7 +1.7

ERTA 109nm, SNR=1.2

ERTA Cofrentes, Val 5:95 297 Pn Pn 11 27 37.5 -2.2

EVIV EVIV 5:95 297 Pn Pn 11 26 39.5 +1.7

EVIV 212nm, SNR=1.6

ECHE Chera 5:97 300 Pn Pn 11 26 33.4 +0.8

ECHE Chera 5:97 300 Pn Pn 11 26 37.7 +1.1

ECHE 149nm, SNR=1.4

EMOS Mosqueruela 6:03 308 Pn Pn 11 26 34.5 +1.0

EMOS 183nm, SNR=2.4

EMOS La Jonquera 6:06 340 Pn Pn 11 27 39.5 -3.1

EJON EJON 6:06 340 Pn Pn 11 26 38.8 +2.0

EJON 442nm, SNR=2.3

EJON Tobarra 6:06 290 Pn Pn 11 27 41.6 -1.5

ETOB Tobarra 6:06 290 Pn Pn 11 26 36.6 +2.8

ETOB 204nm, SNR=1.6

ETOB San Caprasio 6:88 318 Pn Pn 11 26 47.1 +2.0

ESAC 328nm, SNR=1.9

ESAC Quesada 7:09 281 Pn Pn 11 28 00.9 -2.6

EQES EQES 7:09 281 Pn Pn 11 26 50.1 +2.0

EQES 223nm, SNR=3.3

EQES Torete 7:29 306 Pn Pn 11 28 10.2 +1.4

ETOR ETOR 7:29 306 Pn Pn 11 26 53.5 +2.9

ETOR 86nm, SNR=0.9

ELGU Los Guajares, 7:51 273 Pn Pn 11 26 54.0 +0.3

ELGU 108nm, SNR=1.2

VAGA Valle Agricola 8:05 52 Pn Pn 11 27 04.4 +3.2

ESDC Sonseca Array 8:16 294 Pn Pn 11 27 01.0 -1.6

ESDC 0.1nm, 0.3s, baz=105, slow=13, SNR=5.0

ELAN Lanestosa 9:53 315 Pn Pn 11 27 23.1 +1.8

ELAN 151nm, SNR=1.1

TORD Torodi Ar. Bea 23:83 190 P P 11 30 15.8 -1.6

TORD 0.6nm, 0.5s, baz=0.8, slow=9.1, SNR=5.3

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Row 1: MKAR Makanchi Array 55.84 54 P P 11 34 42.7 +1.2

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Row 1: WRA Warramunga Arr 19.36 156 Op Pn 11 34 29.1 -0.4

IDC 24 11:30:01.1-2.19S:126.21E, h0km, mb3.2/2, mbtmp3.3/3, ML3.5/1, MS3.1/1, Error ellipse: s-maj=182.9km s-min=28.0km az=65.0, Ceram Sea

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Row 1: LZDM Lanzhou Array 9.61 62 Op Pn 11 41 07.7 -0.5

CATAC 24 11:51:27.7±0.3, 13°N±2.8'9W±, h26km±2km, M4.3/35, ML4.3/35, Error ellipse: s-maj=4.0km s-min=2.3km

IDC 24 11:51:28.8±2.1, 12°88N-89°58W, h69km, 18km, mb3.2/5, mbtmp3.6/7, MS2.6/1, Error ellipse: s-maj=40.8km s-min=16.8km az=47.0

SNET 24 11:51:28.7±1.0, 13°05N-89°48W, h37km, ML4.1, Presumed earthquake

GCG 24 11:51:30.1±1.3, 13°16N-89°58W, h34km±6km, MD4.3, ML4.3, Presumed earthquake

ISC 24 11:51:28.1±1.0, 13.030N±0.05, 89.45W±0.04, h46km±9km, n79, r142/114, mb3.5/4, El Salvador

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Row 1: LALI Alcaldia de L 0.47 15 Op Pn 11 51 38.9 +0.2

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Row 1: SARH Santa Rosa de 1.85 21 P Pn 11 51 58.8 +1.3

RSPR 24 11:55:17.8, 17°89N-66°85W, h14km, MD3.0/5, NEIC 24 11:55:16.1±0.8, 17.77N±0.03, 66.86W±0.009, h10km±2km, ML2.7/31, MD3.0/5(RSPR), 7C-30, Error ellipse: s-maj=4.8km s-min=2.9km az=6.0, Puerto Rico region

ISC 24 11:57:56.9±1.6, 51°23N-82°10E, h0km, mbtmp2.0/2, ML1.3/2, Error ellipse: s-maj=17.8km s-min=13.5km az=126.0, Northwestern Siberia

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Row 1: GBPR Guanica, Bosqu 0.20 355 P Pn 11 55 20.9 +0.5

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Row 1: I46RU ZALESOVO INFRA 3.19 30 I I 12 16 37.7

SOME 24 12:11:09.9, 39°78N-77°22E, h15km, NNC 24 12:11:11.8±0.9, 39°90N-77°25E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=6.0km s-min=5.4km az=8.0

KRNET 24 12:11:14.4±0.1, 39°39N-77°17E, h14km, mb2.7, ISC 24 12:11:15.9±1.6, 40.05N±0.07, 77°20E±0.05, h10km, n31, r123/51, 16C-6D, Kyrgyzstan-Xinjiang border region

Table with 10 columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Row 1: JNKS Jany-Kuch 1.56 317 Op Pn 12 11 43.1 -0.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KPKS, KTBS, DJR, etc.

IDC 24 12:13:35.5-2.9,31.865x177.86W,h0km,mb3.7/2, mbtmp3.7/3,ML3.6/1,MS2.7/1, Error ellipse: s-maj=68.5km s-min=35.7km az=118.0, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like URZ, RAR, ASAR, WRA, FINES.

MOS 24 12:14:31.7-1.6,47.54N:153.30E,h96km,mb4.3/1, Error ellipse: s-maj=21.8km s-min=10.5km az=60.0

SKHL 24 12:14:31.6-0.3,47.50N:153.20E,h136km,8km,mb5.4/6, msh5.9/5

JMA 24 12:14:35.3-1.0,46.7N:9.153E,h182km,MV3.9/13, KURILE ISLANDS REGION

IDC 24 12:14:36.1-3.5,47.88N:152.72E,h157km,33km,mb3.9/2, mbtmp3.7/11, Error ellipse: s-maj=25.5km s-min=15.9km az=127.0

ISC 24 12:14:30.5-1.1,47.4N:0.1533E:0.1,h150km,n46, e254/52,mb3.4/9,1C-1D,Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SKR, PAU, YUK, HUMP, etc.

RSNC 24 12:45:09.5-0.5,N2.76W:0.7,h76km,4km,M2.7,mb3.5, ML2.5,MLv3.1,Columbia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CBOC, NIZA, PIZZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like H11S3, H11S2, ILAR, INK, ZALV, etc.

RSRPR 24 12:18:20.1, 17.94N:66.85W,h13km,MD2 8/6 NEIC 24 12:18:19.7-0.9,32.1732N:0.04,66.832W:0.009, h10km,1km,ML2.6/3,MD2.8/(6/RSRPR),8C-2D, Error ellipse: s-maj=7.6km s-min=2.6km az=5.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GBPR, MLPR, OBIP, etc.

RSNC 24 12:45:09.5-0.5,N2.76W:0.7,h76km,4km,M2.7,mb3.5, ML2.5,MLv3.1,Columbia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CBOC, NIZA, PIZZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BARC, FLOCC, MACC, etc.

IDC 24 12:51:48.3-18.0,15.16S:177.34W,h262km,178km, mb3.3/4,mbtmp3.9/4, Error ellipse: s-maj=55.5km s-min=34.9km az=6.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like URZ, WRA, ASAR, ILAR, ARCES.

AEIC 24 13:00:48.2-1.0,51.9N:0.2:177.71W:0.02,h7km,6km, Error ellipse: s-maj=21.9km s-min=1.9km az=180.0

NEIC 24 13:00:49.5-1.3,51.78N:0.2:177.70W:0.02,h10km,2km, mb4.0/12,ML3.6/8,ML3.3/1(AEIC), Error ellipse: s-maj=3.0km s-min=3.0km az=177.0

ISC 24 13:00:49.2-0.8,51.83N:0.07:177.70W:0.02,h11km,6km, n48,0871/57,Andreanof Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TAPA, TASE, TACS, etc.

SOME 24 13:06:07.2,39.67N:76.90E,h15km NINC 24 13:06:09.5-0.8,39.79N:76.98E,h0km,mb3.7,mpv3.2, Error ellipse: s-maj=5.5km s-min=5.2km az=39.0

KRNET 24 13:06:14.2-0.1,39.97N:77.11E,h22km,mb3.1

ISC 24 13:06:15.9-2.1,40.07N:0.07:77.03E:0.04,h3km,14km, n41,1986/7,10C-16D,Kyrgyzstan-Xinjiang border

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like M24K, H24K, SCRR, etc.

s-maj=16.0km s-min=14.6km az=46.0
 MOS 24 13:28:39.1,0.9,32.05N,142.59E;h12km,mb4.6/21,Error
 ellipse: s-maj=12.9km s-min=5.9km az=122.1
 NIED 24 13:28:39.3,32.25N,142.60E,h0km,MW4.2,Moment
 Tensor Solution; s3 Moment tensor: Scale 10¹⁵NP1;
 M₁=2.8; M₂=0.48; M₃=1.80; M₁∠0.18; M₂∠0.04; M₃∠1.19;
 Fault plane solution: M2.37000°10¹⁵ NP1;
 P: 360.00000°, 830.00000°, -8.00000°. NP2:
 P: 185.00000°, 860.00000°, -8.00000°.
 JMA 24 13:28:39.3,0.5,32.17N,142.66E;h0km,MV4.4/47,FAR
 OFF IZU ISLANDS
 NEIC 24 13:28:41.0,1.0,32.11N,142.13E;h10km,1km,
 mb4.6/60,Error ellipse: s-maj=16.8km s-min=11.6km
 az=159.0
 ISC 24 13:28:40.6,0.5,32.17N,142.68E;h0km,1n181,
 c114/179,mb4.5/67,MS3.3/8,11C-5D,Southeast of
 Honshu

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
JH0M	Aogashimamukai	2.48	278	Op	13 29 21.1	0.0
JH0J	Mitsune	2.59	292	Pn	13 29 23.5	+0.9
JH0K	Mitsune	2.59	292	Pn	13 29 23.2	-0.2
JH0L	Mitsune	2.59	292	Pn	13 29 23.2	-0.2
JH0M	Mitsune	2.59	292	Pn	13 29 23.2	-0.2
JH0N	Mitsune	2.59	292	Pn	13 29 23.2	-0.2
JH0O	Mitsune	2.59	292	Pn	13 29 23.2	-0.2
JH0P	Mitsune	2.59	292	Pn	13 29 23.2	-0.2
JH0Q	Mitsune	2.59	292	Pn	13 29 23.2	-0.2
JH0R	Mitsune	2.59	292	Pn	13 29 23.2	-0.2
JH0S	Mitsune	2.59	292	Pn	13 29 23.2	-0.2
JH0T	Mitsune	2.59	292	Pn	13 29 23.2	-0.2
JH0U	Mitsune	2.59	292	Pn	13 29 23.2	-0.2
JH0V	Mitsune	2.59	292	Pn	13 29 23.2	-0.2
JH0W	Mitsune	2.59	292	Pn	13 29 23.2	-0.2
JH0X	Mitsune	2.59	292	Pn	13 29 23.2	-0.2
JH0Y	Mitsune	2.59	292	Pn	13 29 23.2	-0.2
JH0Z	Mitsune	2.59	292	Pn	13 29 23.2	-0.2
JIA0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JIB0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JIC0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JID0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JIE0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JIF0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JIG0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JIH0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JII0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JIJ0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JIK0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JIL0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JIM0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JIN0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JIO0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JIP0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JIQ0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JIR0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JIS0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JIT0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JIU0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JIV0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JIW0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JIX0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JIY0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JIZ0	Hachiojima 2	2.62	292	Pn	13 29 22.6	-0.4
JJA0	Boso	2.86	331	P	13 29 26.0	+0.2
JJB0	Boso	2.86	331	P	13 29 26.0	+0.2
JJC0	Boso	2.86	331	P	13 29 26.0	+0.2
JJD0	Boso	2.86	331	P	13 29 26.0	+0.2
JJE0	Boso	2.86	331	P	13 29 26.0	+0.2
JJF0	Boso	2.86	331	P	13 29 26.0	+0.2
JJG0	Boso	2.86	331	P	13 29 26.0	+0.2
JJH0	Boso	2.86	331	P	13 29 26.0	+0.2
JJI0	Boso	2.86	331	P	13 29 26.0	+0.2
JJL0	Boso	2.86	331	P	13 29 26.0	+0.2
JJM0	Boso	2.86	331	P	13 29 26.0	+0.2
JJN0	Boso	2.86	331	P	13 29 26.0	+0.2
JJO0	Boso	2.86	331	P	13 29 26.0	+0.2
JJP0	Boso	2.86	331	P	13 29 26.0	+0.2
JJQ0	Boso	2.86	331	P	13 29 26.0	+0.2
JJR0	Boso	2.86	331	P	13 29 26.0	+0.2
JJS0	Boso	2.86	331	P	13 29 26.0	+0.2
JJT0	Boso	2.86	331	P	13 29 26.0	+0.2
JJU0	Boso	2.86	331	P	13 29 26.0	+0.2
JJV0	Boso	2.86	331	P	13 29 26.0	+0.2
JJW0	Boso	2.86	331	P	13 29 26.0	+0.2
JJX0	Boso	2.86	331	P	13 29 26.0	+0.2
JJY0	Boso	2.86	331	P	13 29 26.0	+0.2
JJZ0	Boso	2.86	331	P	13 29 26.0	+0.2
JKA0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKB0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKC0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKD0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKE0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKF0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKG0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKH0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKI0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKJ0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKK0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKL0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKM0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKN0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKO0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKP0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKQ0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKR0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKS0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKT0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKU0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKV0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKW0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKX0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKY0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JKZ0	Mikurajimashin	3.11	304	eS	13 29 31.2	+0.5
JLA0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLB0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLC0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLD0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLE0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLF0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLG0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLH0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLI0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLJ0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLK0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLL0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLM0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLN0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLO0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLP0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLQ0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLR0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLS0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLT0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLU0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLV0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLW0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLX0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLY0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JLZ0	Boso 3	3.19	326	P	13 29 30.5	-0.9
JMA0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JMB0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JMC0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JMD0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JME0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JMF0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JMG0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JMH0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JMI0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JMJ0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JMK0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JML0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JMN0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JMO0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JMP0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JMQ0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JMR0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JMS0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JMT0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JMU0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JMV0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JMW0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JMX0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JMY0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JMZ0	Miyake Tsubota	3.23	307	eP	13 29 30.7	-1.3
JNA0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JNB0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JNC0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JND0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JNE0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JNF0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JNG0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JNH0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JNI0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JNJ0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JNK0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JNL0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JNM0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JNO0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JNP0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JNQ0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JNR0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JNS0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JNT0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JNU0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JNV0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JNW0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JNX0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JNY0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JNZ0	Boso 4	3.43	326	eP	13 29 45.6	-0.5
JOA0	Odawara 2	4.04	317	P	13 29 50.2	+0.8
JOB0	Odawara 2	4.04	317	P		

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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 Paradox Valley, Morning Glory, East Wray Mesa, etc.

KRNET 24 14:41:31.81-0.1, 39.95N, 77.04E, h22km, mb3.1
SOME 24 14:41:32.9, 39.88N, 77.02E, h20km
NIC 24 14:41:34.6, 0.7, 40.04N, 77.04E, h0km, mb3.6, mpv3.4

ISC 24 14:41:32.8, 2.0, 39.80N, 0.009, 77.05E, 0.05, h11km, 13km, n41, c135/66, 12C-14D, Southern Xinjiang

Main table for station 1639, listing various stations like Jany-Kuch, Naryn, Taragay, Kajisay, etc., with their respective data points.

2020 JAN

Table for station 2020 JAN, listing stations like Karatobe, Karabastau, Karabastau, etc., with their respective data points.

IDC 24 14:43:43.5, 4.0, 0.21S, 19.08W, h0km, mb3.4/1, mbtmp3.7/2, ML4.0/1, Error ellipse: s-maj=84.0km s-min=42.6km az=105.0

ISC 24 14:43:46.6, 3.1, 0.35S, 0.2, 18.3W, 0.4, h10km, n8, c05/42/6, Central Mid-Atlantic Ridge

Table for station 2020 JAN, listing stations like ASCENSION HYDR, ASCENSION HYDR, etc., with their respective data points.

ASAR Alice Springs 144.41, 134 PKP PKPdf 15 03 24.4 +0.3

IDC 24 14:49:55.4, 4.2, 46.31N, 149.53E, h115km, 39km, mb2.9/6, mbtmp3.3/7, Error ellipse: s-maj=29.7km s-min=24.2km az=129.0

SKHL 24 14:50:03.2, 0.2, 44.60N, 150.90E, h60km, 7km, mb4.8/5 ISC 24 14:50:00.6, 1.0, 46.80N, 0.1, 149.1E, 0.1, h150km, n12, c331/15, mb3.1/5, Kuril Islands

Main table for station 2020 JAN, listing various stations like Kuril'sk, Yuzh-Kuril'sk, Yuzh-Kuril'sk, etc., with their respective data points.

IDC 24 15:29:36.7, 7.8, 5.43S, 153.97E, h154km, 63km, mb3.2/3, mbtmp3.8/4, MS3.3/1, Error ellipse: s-maj=124.5km s-min=32.5km az=125.0, New Ireland region

Table for station 2020 JAN, listing stations like Porei Moresby, Warramunga Arr, Alice Springs, etc., with their respective data points.

IDC 24 15:36:50.0, 1.3, 1.65N, 127.01E, h0km, mb3.8/5, mbtmp3.8/6, ML3.7/1, Error ellipse: s-maj=103.4km s-min=17.3km az=71.0

Table for station 2020 JAN, listing stations like Fitzroy Crossi, Warramunga Arr, Alice Springs, etc., with their respective data points.

24d 15h

Main table for station 24d 15h, listing various stations like Songino Array, Makanchi Array, Kurchatov Arra, etc., with their respective data points.

24d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BRH1 Barahona, SDDR Presa de Saban, etc.

RSPR 24 16:12:58.1, 17.92N, 66.82W, h15km
NEIC 24 16:12:56.9-0.7, 17.88N, 0.04, 66.81W, 0.02, h20km, 1km,
ML2.5/31, Md3.0/1(RSPR), 2C-4D, Error ellipse:
s-maj=5.6km s-min=2.5km az=178.0, Puerto Rico
region

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

IDC 24 16:14:43.8-1.4, 24.03N, 122.62E, h0km, mb3.2/3,
mbtp3.4/5, ML3.3/2, Error ellipse: s-maj=34.1km
s-min=26.0km az=95.0

NIED 24 16:14:46.8, 24.09N, 122.66E, h23km, MW3.6, Moment
Tensor Solution. s2 Moment tensor: Scale 10^14Nm;
M1-1.53; M2-0.63; M3-2.15; M4-1.28; M5-0.40; M6-0.98;
Fault plane solution: M2.530000x10^14 NP1:
0.323, 0.0000, 0.343, 0.0000, -1.143, 0.0000. NP2:
0.204, 0.0000, 0.366, 0.0000, -1.54, 0.0000.

TAP 24 16:14:46.8, 24.10N, 122.65E, h14km, ML3.9, D
JMA 24 16:14:46.8, 24.24N, 122.75E, 0.6, h23km, 3km,
M3.3/14, NW OFF ISHIGAKIJIMA IS

ISC 24 16:14:46.1-1.0, 24.05N, 122.66E, 0.02, h14km, 7km,
n133, 0.079/220, mb3.3/3, 2C-3D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like E0S4 E0S4, E0S3 E0S3, etc.

2020 JAN

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YOJ Yonaguni jima, Y0J Yonaguni jima, etc.

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

IDC 24 16:32:37.2, 6.7, 5.24S, 146.82E, h149km, 103km, mb2.6/2,
mbtp3.3/4, Error ellipse: s-maj=149.6km
s-min=38.8km az=112.0, Eastern New Guinea region

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

UPP 24 16:42:32.5, 0.3, 67.80N, 20.38E, h1km, ML2.5, Confirmed
Induced event
HEL 24 16:42:36.3, 0.5, 67.86N, 20.30E, h0km, ML1.1, Suspected
explosion

ISC 24 16:42:34.1, 0.9, 67.85N, 0.03, 20.21E, 0.03, h0km, n14,
0.070/24, Sweden

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

IDC 24 16:43:37.5, 1.6, 1.31S, 126.85E, h0km, mb3.1/2,
mbtp3.2/4, ML3.2/2, Error ellipse: s-maj=36.3km
s-min=27.0km az=54.0, Southern Molucca Sea

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

WEL 24 16:47:20.6, 0.6, 38.3S, 17.9E, h22km, 4km, M3.5/19,
ML3.5/20, ML3.5/19, Error ellipse: s-maj=6.0km
s-min=3.7km az=98.6, confirmed

NOU 24 16:47:21.4, 38.26S, 178.52E, h27km, ML3.8/8, Off E.
Coast of N. Island, N.Z.

ISC 24 16:47:21.4, 1.4, 38.23S, 0.03, 178.58E, 0.06, h23km, 6km,
n86, 0.128/100, Off east coast of North Island

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

MABI	comp=N,129µm,1.2s	AML	AML						
MABI	comp=E,322µm,1.1s	AML	AML						
FUSE	2.09 14 P	Pn	Pn	17 03 23.5	-0.4				
CLUD	2.11 12 P	Pn	Pn	17 03 24.7	+0.5				
CLUD	comp=E,362µm,0.6s	AML	AML						
CLUD	comp=E,370µm,0.6s	AML	AML						
CLUD	comp=E,362µm,1.4s	AML	AML						
CLUD	comp=N,297µm,0.8s	AML	AML						
CLUD	comp=E,370µm,1.4s	AML	AML						
GORR	2.14 277 P	Pn	Pn	17 03 26.2	+1.7				
GORR	comp=N,318µm,0.5s	AML	AML						
BARO	2.15 184 P	Pn	Pn	17 03 25.1	+0.5				
PTCC	2.16 20 P	Pn	Pn	17 03 24.2	-0.6				
PTCC	comp=E,440µm,0.3s	AML	AML						
GIGS	2.16 153 P	Pn	Pn	17 03 24.9	+0.1				
GIGS	comp=N,133µm,0.8s	AML	AML						
FIAM	2.21 163 P	Pn	Pn	17 03 26.4	+0.8				
FIAM	comp=E,140µm,0.6s	AML	AML						
APPI	2.21 341 P	Pn	Pn	17 03 25.9	+0.3				
APPI	comp=N,160µm,0.6s	AML	AML						
APPI	comp=E,780µm,1.2s	AML	AML						
FVI	2.24 9 P	Pn	Pn	17 03 26.8	+0.8				
FVI	comp=E,548µm,0.3s	AML	AML						
FVI	comp=E,548µm,1.7s	AML	AML						
MDI	2.28 308 P	Pn	Pn	17 03 26.3	-0.2				
MDI	comp=N,570µm,0.6s	AML	AML						
MDI	comp=N,222µm,0.4s	AML	AML						
VCEL	2.30 149 P	Pn	Pn	17 03 27.1	+0.2				
VCEL	comp=E,396µm,0.6s	AML	AML						
VCEL	comp=N,460µm,0.5s	AML	AML						
VCEL	comp=N,460µm,1.5s	AML	AML						
LJU	2.30 43 P	Pn	Pn	17 03 26.6	-0.2				
LJU	comp=N,524µm,0.5s	AML	AML						
LJU	comp=E,359µm,0.3s	AML	AML						
CARE	2.32 332 P	Pn	Pn	17 03 27.9	+0.6				
CARE	comp=N,150µm,0.4s	AML	AML						
CARE	comp=E,137µm,0.7s	AML	AML						
ACOM	2.33 22 P	Pn	Pn	17 03 27.6	+0.3				
ACOM	comp=N,623µm,1.1s	AML	AML						
ACOM	comp=E,844µm,0.7s	AML	AML						
ACOM	comp=N,621µm,1.1s	AML	AML						
ACOM	comp=N,621µm,0.9s	AML	AML						
ACOM	comp=E,836µm,0.7s	AML	AML						
BRES	2.34 351 P	Pn	Pn	17 03 29.2	+1.6				
BRES	comp=N,426µm,0.3s	AML	AML						
ABTA	2.37 4 ePn	Pn	Pn	17 03 28.3	+0.6				
ABTA	comp=N,0.5nm,0.1s	eSn	Sn	17 03 57.5	+1.1				
RNCA	2.37 273 AML	AML	AML						
RNCA	comp=N,144µm,0.3s	AML	AML						
BOJS	2.40 61 P	Pn	Pn	17 03 27.5	-0.6				
BOJS	comp=E,734µm,0.8s	AML	AML						
BOJS	comp=E,734µm,1.2s	AML	AML						
BOJS	comp=N,789µm,1.3s	AML	AML						
T0110	2.43 152 P	Pn	Pn	17 03 28.8	+0.2				
T0110	comp=N,364µm,0.5s	AML	AML						
MYKA	2.44 23 Pn	Pn	Pn	17 03 28.6	-0.1				
MYKA	comp=N,311µm,0.2s	Sn	Sn	17 03 58.2	0.0				
CERT	2.50 168 P	Pn	Pn	17 03 30.3	+0.8				
CERT	comp=N,114µm,0.9s	AML	AML						
CERT	comp=E,176µm,0.5s	AML	AML						
CERT	comp=N,114µm,1.1s	AML	AML						
MOSI	2.53 332 P	Pn	Pn	17 03 31.5	+1.4				
MOSI	comp=N,864µm,0.8s	AML	AML						
MOSI	comp=N,864µm,1.5s	AML	AML						
MOSI	comp=E,637µm,1.2s	AML	AML						
ROSI	2.61 347 P	Pn	Pn	17 03 31.9	+0.7				
ROSI	comp=N,623µm,1.7s	AML	AML						
INTR	2.66 153 P	Pn	Pn	17 03 31.4	-0.4				
INTR	comp=N,287µm,0.9s	AML	AML						
OBKA	2.66 36 ePn	Pn	Pn	17 03 31.1	-0.7				
OBKA	comp=N,177µm,0.2s	eSn	Sn	17 04 05.1	+1.4				
OBKA	comp=E,177µm,0.2s	eSn	Sn	17 03 32.3	+0.5				
OBKA	comp=N,177µm,0.2s	eSn	Sn	17 03 32.3	-0.4				
LPEL	2.73 148 P	Pn	Pn	17 03 32.3	-0.4				
LPEL	comp=N,127µm,0.2s	AML	AML						
LPEL	comp=N,127µm,1.8s	AML	AML						
LPEL	comp=E,148µm,0.8s	AML	AML						
KBA	2.79 15 ePn	Pn	Pn	17 03 33.9	+0.2				
KBA	comp=N,20nm,0.2s	eSn	Sn	17 04 08.0	+0.9				
KBA	comp=E,20nm,0.2s	eSn	Pn	17 03 34.4	+0.8				

KBA	ePn	Pg	17 03 43.1	-0.1					
KBA	eSn	Sn	17 04 08.5	+1.4					
FETA	2.84 338 Pn	Pn	17 03 35.6	+1.2					
FETA	comp=E,0.6nm,0.1s	eSn	Sn	17 04 09.5	+1.3				
CANO	2.90 268 AML	AML	AML						
CANO	comp=N,218µm,1.2s	AML	AML						
CANO	comp=N,218µm,0.8s	AML	AML						
CANO	comp=E,420µm,0.9s	AML	AML						
WTTA	2.91 352 Pn	Pn	17 03 36.9	+1.6					
WTTA	comp=N,1.5nm,0.1s,SNR=5.2	Sn	Sn	17 04 10.4	+0.5				
WTTA	comp=N,1.0nm,0.1s	ePn	Pn	17 03 37.9	+2.6				
WTTA	comp=N,1.06µm,0.3s	eSn	Sn	17 04 12.8	+2.9				
WTTA	comp=N,1.06µm,0.3s	eSg	Sg	17 04 23.7	+0.6				
DAVOX	2.92 326 Pn	Pn	17 03 37.4	+2.0					
DAVOX	comp=N,1.0nm,0.2s,SNR=15,SNR=11	Sn	Sn	17 04 09.7	-0.4				
DAVOX	comp=N,4.6nm,0.3s,baz=159,slow=23,SNR=7.4	Sn	Sn	17 04 09.7	-0.4				
TUE	2.92 316 P	Pn	17 03 36.9	+1.3					
TUE	comp=N,95µm,0.3s	AML	AML						
TUE	comp=N,106µm,0.3s	AML	AML						
TUE	comp=N,102µm,1.6s	AML	AML						
TUE	comp=N,102µm,0.4s	AML	AML						
TUE	comp=N,99µm,0.3s	AML	AML						
SQTA	2.93 346 ePn	Pn	17 03 37.0	+1.5					
SQTA	comp=N,10nm,0.2s,SNR=5.8	eSn	Sn	17 04 12.0	+1.7				
SQTA	comp=N,22nm,0.3s	eSn	Sn	17 03 37.7	+2.2				
SQTA	comp=N,22nm,0.3s	ePn	Sn	17 04 12.3	+2.0				
WATA	2.99 351 Pn	Pn	17 03 35.3	-1.0					
WATA	comp=N,2.7nm,0.1s,SNR=6.3	eSn	Sn	17 04 12.4	+0.6				
PGF	3.00 233 ePn	Pn	17 03 36.8	+0.3					
PGF	comp=N,28nm,0.3s	eSn	Sn	17 04 13.4	+1.3				
SOKA	3.00 39 Pn	Pn	17 03 36.1	-0.4					
SOKA	comp=N,7.9nm,0.2s	eSn	Sn	17 04 12.7	+0.5				
LESA	3.05 5 Pn	Pn	17 03 37.4	+0.3					
LESA	comp=N,2.4nm,0.1s	eSn	Sn	17 04 14.0	+0.8				
MOTA	3.06 345 Pn	Pn	17 03 39.4	+2.0					
MOTA	comp=N,5.0nm,0.2s	iSn	Sn	17 04 14.4	+0.7				
MOTA	comp=N,4.2nm,0.2s	ePn	Pn	17 03 40.0	+2.6				
MOTA	comp=N,4.2nm,0.2s	eSn	Sb	17 04 17.9	-3.1				
CERA	3.07 155 P	Pn	17 03 37.3	-0.1					
CERA	comp=N,90µm,0.6s	AML	AML						
CERA	comp=N,94µm,0.6s	AML	AML						
ZUGS	3.16 344 ePn	Pn	17 03 40.6	+1.8					
ZUGS	comp=N,94µm,0.6s	eSn	Sn	17 04 19.7	+3.5				
PART	3.21 346 ePn	Pn	17 03 41.5	+2.2					
PART	comp=N,94µm,0.6s	eSn	Sn	17 04 20.7	+3.6				
REUTE	3.27 342 Pn	Pn	17 03 41.4	+1.2					
REUTE	comp=N,2.9nm,0.2s,SNR=9.3	eSn	Sn	17 04 20.7	+2.0				
OBER	3.32 336 ePn	Pn	17 03 42.9	+2.1					
OBER	comp=N,8.8nm,0.3s	eSn	Sn	17 04 23.4	+3.5				
PLONS	3.34 324 ePn	Pn	17 03 43.5	+2.4					
PLONS	comp=N,94µm,0.6s	eSn	Sn	17 04 23.1	+2.7				
DAVA	3.34 331 ePn	Pn	17 03 42.8	+1.6					
DAVA	comp=N,0.5nm,0.1s,SNR=6.2	iSn	Sn	17 04 22.2	+1.6				
DAVA	comp=N,1.4nm,0.1s	eSn	Sn	17 04 22.2	+1.6				
DAVA	comp=N,1.4nm,0.1s	ePn	Pn	17 03 43.9	+2.7				
BIOA	3.44 16 Pn	Pn	17 03 43.0	+0.6					
BIOA	comp=N,0.7nm,0.1s	iSn	Sn	17 04 22.5	-0.3				
BIOA	comp=N,0.7nm,0.1s	iSn	Sn	17 04 22.5	-0.3				
SBF	3.52 263 ePn	Pn	17 03 43.5	0.0					
SBF	comp=N,22nm,0.2s	eSn	Sn	17 04 24.0	-0.7				
UBR	3.62 336 ePn	Pn	17 03 46.0	+1.1					
ARSA	3.66 37 ePn	Pn	17 03 45.0	-0.5					
ARSA	comp=N,1.6nm,0.2s	iSn	Sn	17 04 27.8	-0.4				
MOA	3.73 21 ePn	Pn	17 03 47.1	+0.7					
MOA	comp=N,3.8nm,0.2s	eSn	Sn	17 03 47.1	+0.7				
MOA	comp=N,2.5nm,0.1s	iSn	Sn	17 04 30.1	+0.2				
MOA	comp=N,13nm,0.3s	eSn	Sn	17 03 47.5	+1.0				
MOA	comp=N,13nm,0.3s	eSn	Sn	17 04 30.1	+0.2				
MBDF	3.94 277 ePn	Pn	17 03 49.0	-0.4					
MBDF	comp=N,13nm,0.3s	eSn	Sn	17 04 32.5	-2.8				
LPG	4.07 288 ePn	Pn	17 03 50.0	-1.3					
LPG	comp=N,28nm,0.4s	eSn	Sn	17 04 36.4	-2.2				
LPL	4.08 288 ePn	Pn	17 03 50.5	-1.0					
LPL	comp=N,47nm,0.6s	eSn	Sn	17 04 35.0	-3.9				
EMING	4.24 327 ePn	Pn	17 03 53.5	+0.1					
SLE	4.28 323 ePn	Pn	17 03 54.4	+0.5					
LMR	4.29 258 ePn	Pn	17 03 53.9	-0.2					
LMR	comp=N,1.1nm,0.3s	eSn	Sn	17 04 40.5	-3.2				
CONA	4.33 34 ePn	Pn	17 03 54.3	-0.4					
CONA	comp=N,1.2nm,0.1s	eSn	Sn	17 04 44.8	-0.1				
CONA	comp=N,7.9nm,0.4s	eSn	Sn	17 04 42.2	-2.7				
METMA	4.34 321 ePn	Pn	17 03 54.5	-0.4					
RONA	4.34 39 Pn	Pn	17 03 54.5	-0.4					
RONA	comp=N,2.9nm,0.1s	eSn	Sn	17 04 42.9	-2.1				
BERGE	4.49 322 ePn	Pn	17 03 57.5	+0.6					
BERGE	comp=N,0.6nm,0								

24d 17h

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like AGL Agalyk, SFK Sufi-Kurgan, ARLS Aral, etc.

2020 JAN

Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like PDGK Podgornoye, DJR Jarkent, MK31 Makanchi Arr, etc.

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Table with columns: Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like WR8 Warramunga Arr, WRAB Tennant Creek, WRA Warramunga Arr, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SNJI, GIRL, UGM, MORW, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KMI, CMAR, XAN, BJT, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like L29M, C27K, K29M, G31M, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like PPH, TIR, SDA, etc.

Vertical text providing additional information, including coordinates and technical specifications for various stations.

24d 17h

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Table with columns for station name, coordinates, elevation, and various performance metrics (ZST, ZST, SHME, MAUC, UMU, etc.). Rows include stations like Ljubljana, Bratislava, Sham, Moravsky Berou, and many others.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MORF Marletele, PMAFR Marfa, PMAFR Vila Bisbo, etc.

2020 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like PMOZ comp=Z,719nm,1.1s, SHL Shillong, TLY Talaya, etc.

24d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PCAN comp=Z,255nm,1.2s, PCED Cedros, CIT Chita, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like PSTR Posyet, NKLL Nikolayevsk, KUQ Kuujuaa, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like YSS, DSRI Dabo, MASI Maura Aman, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like E23K Chandalar, E23K Chantar, E24K Your Creek, etc.

24d 17h

2020 JAN

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Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like N41A, SCIA, SLBI, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like PDAR, BRAL, RLO, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like PKD, PP1B, TXAR, etc.

DCZ	Deep Cove	141.21 118	IAMS_20	IAMS_20	19 18 53.5
WHZ	Wether Hill R	141.82 118	IAMS_20	IAMS_20	19 30 36.6
MLZ	Mavora Lakes	141.87 117	IAMS_20	IAMS_20	19 32 13.9
WKZ	Wanaka	142.43 116	IAMS_20	IAMS_20	19 24 08.8
FOZ	Fox Glacier	142.80 114	PKPdf		18 14 45.4 -3.0
LBZ	Lake Benmore	143.19 115	IAMS_20	IAMS_20	19 16 42.0
AFI	Afiama	143.40 57	IAMS_20	IAMS_20	19 20 42.8
ODZ	Otauhu Downs	143.60 117	IAMS_20	IAMS_20	19 26 03.8
OUZ	Omahuta	143.66 100	IAMS_20	IAMS_20	19 33 43.4
INZ	Inchbonnie	143.84 113	IAMS_20	IAMS_20	19 13 56.2
DSZ	Denniston Nort	143.94 111	IAMS_20	IAMS_20	19 33 34.7
QRZ	Quartz Range	144.30 109	PKPab		18 14 47.5 -1.6
OXZ	Oxford	144.37 113	IAMS_20	IAMS_20	19 13 58.0
LTZ	Lake Taylor	144.45 112	IAMS_20	IAMS_20	19 14 04.4
THZ	Tophouse	144.75 111	PKPab		18 14 44.0 -2.9
MOZ	McQueen's Vall	144.86 114	IAMS_20	IAMS_20	19 34 05.1
NNZ	Nelson	145.00 110	IAMS_20	IAMS_20	19 34 30.0
GVZ	Greta Valley S	145.04 113	IAMS_20	IAMS_20	19 34 36.8
KHZ	Kahutara	145.32 112	IAMS_20	IAMS_20	19 14 56.4
TWZ	Tuamarina	145.46 110	PKPdf		18 14 49.9 -3.2
HUZ	Hauti	145.54 104	IAMS_20	IAMS_20	19 17 37.4
TOZ	Tahuroa Road	145.85 103	IAMS_20	IAMS_20	19 17 48.4
SNZO	South Karori	146.00 109	IAMS_20	IAMS_20	19 34 48.4
BHW	Baring Head	146.14 110	PKPdf		18 14 50.4 -3.9
MRZ	Mangatainoka R	146.54 108	IAMS_20	IAMS_20	19 17 43.7
BKZ	Black Stump Fm	146.94 105	IAMS_20	IAMS_20	19 27 51.3
BFZ	Birch Farm	147.04 108	IAMS_20	IAMS_20	19 18 00.0
MXZ	Matakaoa Point	147.96 102	IAMS_20	IAMS_20	19 20 27.4
RAO	Raoul Island	148.07 85	IAMS_20	IAMS_20	19 29 36.6
TAOE	Nuku Hiva Isla	150.68 359	eP	PKPbc	18 15 06.2 -1.9
TAOE	comp=Z,12um,21.0s		ePP	PP	18 18 29.6 -1.4
TAOE	comp=Z,1um,23.6s		eS	SS	18 21 30.5
TAOE	comp=Z,2um,29.6s		eSS	SS	18 38 00.2 -2.3
TAOE	comp=Z,12um,33.8s		eLR	LR	19 04 57.0
RPN	Rapa Nui	151.37 284	PKPdf	PKPdf	18 14 59.1 -4.1
RPN	Rapa Nui	151.37 284	IAMS_20	IAMS_20	19 22 16.2
RPN	Rapa Nui	151.37 284	PKIKP	PKPdf	18 14 59.1 -4.1
VAO2	Isia de Pascua	151.46 284	IAMS_20	IAMS_20	19 22 18.6
CTZ	Chatham Island	152.62 113	IAMS_20	IAMS_20	19 38 14.7
PMOR	Pomarioro Ree	155.97 17	eP	PKPab	18 15 26.4 -1.1
PMOR	comp=Z,146nm,1.0s		eLR	LR	19 07 24.0
PPT2	Papeete2	158.00 23	eP	PKPdf	18 15 28.2 +1.6
PPT2	comp=Z,89nm,1.2s		ePP	PP	18 19 20.5 -4.0
PPT2	comp=Z,1um,25.8s		eS	SS	18 21 26.0
PPT2	comp=Z,4um,30.5s		eSS	SS	18 39 21.1 -1.5
PPT2	comp=Z,28um,27.2s		eLR	LR	19 08 22.5
PPT2	comp=Z,47um,29.0s		eLR	LR	19 08 22.5
TIAR	Tiarei	158.04 22	eP	PKPab	18 15 49.8 +3.9
TIAR	comp=Z,135nm,0.9s		eLR	LR	19 08 19.9
PAE	Paea	158.07 23	eP	PKPdf	18 15 27.5 +1.5
PAE	comp=Z,19um,24.2s		eLR	LR	19 08 24.7
TVO	Taravao	158.28 22	eP	PKPdf	18 15 22.4 +9.4
TVO	comp=Z,40nm,1.1s		eLR	LR	19 08 30.8
TBI	Tubuai	163.38 29	eP	PKPdf	18 15 10.3 -8.0
TBI	comp=Z,1um,27.0s		ePP	PP	18 19 43.3 -1.0
TBI	comp=Z,5um,39.2s		eS	SS	18 21 25.0
TBI	comp=Z,19um,26.0s		eSS	SS	18 40 16.8 -2.3
TBI	comp=Z,91um,33.8s		eLR	LR	19 10 49.4
TBI	comp=Z,139um,29.5s		eLR	LR	19 10 51.3
RKT	Rikitea	164.05 340	ePP	PP	18 19 50.2 -6.6
RKT	comp=Z,6um,28.8s		eSS	SS	18 40 30.8 +5.1
RKT	comp=Z,78um,31.8s		eLR	LR	19 11 09.0

AFAD 24 18:01:58.8, 38°38'N, 39°11'E, h7km, 3km, ML3.8
 ISK 24 18:02:00.3, 38°51'N, 39°01'E, h15km, ML3.8/2
 ISC 24 18:01:57.9, 1.0, 38°36'N, 0.03, 39°06'E, 0.02, h16km, 9km, n24, c193/39, Turkey

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
SVRC	Sivrice-ELAZID	0.20 84	Op	P	18 02 02.7	-0.6
ELZ	Elazig	0.35 20	P	Pb	18 02 05.7	-0.2
ELZ			S	Sb	18 02 09.9	-1.4
ELZ	comp=E,1um,0.4s		IAML		18 02 12.0	
MDNT	Maden	0.49 86	P	Pg	18 02 07.3	-0.4
MDNT			S	Sb	18 02 15.0	-0.3
MDNT	comp=E,2um,0.4s		IAML		18 02 19.0	
MDNT	comp=N,4um,0.8s		IAML		18 02 20.0	
MAYA	Malatya/Merkez	0.50 266	P	Pn	18 02 09.8	-0.6
MAYA			S	Sb	18 02 17.8	-0.9
MAYA	comp=N,2um,0.4s		IAML		18 02 19.0	
MAYA	comp=N,2um,0.4s		IAML		18 02 19.0	
NARI	Nari-Adyaman-Kaht	0.53 206	P	Pb	18 02 08.3	-0.5
NARI			S	Sb	18 02 18.6	-0.8
NARI	comp=E,3um,0.7s		IAML		18 02 22.0	
NARI	comp=N,7um,0.8s		IAML		18 02 24.0	
KAHTU	Kahta	0.65 213	P	Pn	18 02 12.6	+0.1
KAHTU			S	Sb	18 02 22.9	+0.3
KAHTU	comp=N,8um,0.8s		IAML		18 02 29.0	
KAHTU	comp=E,8um,0.5s		IAML		18 02 29.0	

KOVA	Elazig, Kovanc	0.69 59	P	Pb	18 02 11.1	-0.5
KOVA			S	Sb	18 02 22.6	-0.9
KOVA	comp=E,3um,0.4s		IAML		18 02 25.0	
HANN	anuriur/Hi	0.79 190	P	Pn	18 02 14.1	-0.3
HANN			S	Sb	18 02 27.3	+1.5
HANN	comp=N,5um,1.2s		IAML		18 02 35.0	
HANN	comp=N,5um,1.2s		IAML		18 02 37.0	
AZEY	Adyaman-Merk	0.84 230	P	Pn	18 02 15.3	+0.2
AZEY			S	Sb	18 02 29.6	+2.5
AZEY	comp=N,2um,1.6s		IAML		18 02 33.0	
AZEY	comp=E,4um,0.6s		IAML		18 02 33.0	
AKCD	Akcadag	0.89 266	P	Pn	18 02 16.6	+0.7
AKCD			S	Sb	18 02 28.9	+0.3
AKCD	comp=N,1um,0.5s		IAML		18 02 32.0	
AKCD	comp=N,1um,0.5s		IAML		18 02 32.0	
DIYA	Diyarbakir	0.95 117	P	Pn	18 02 16.7	+0.2
DIYA			S	Sb	18 02 29.5	-0.3
DIYA	comp=E,5um,1.3s		IAML		18 02 31.0	
DYBB	Diyarbakir	0.95 115	Pg	Pn	18 02 23.1	+4.6
HEKM	Malatya_Hekimh	1.00 302	P	Pb	18 02 15.9	-1.1
HEKM			S	Sb	18 02 34.2	+2.8
HEKM	comp=N,5um,0.8s		IAML		18 02 36.0	
HEKM	comp=N,5um,0.8s		IAML		18 02 38.0	
ILIC	ilic-Erzincan	1.16 341	Pg	Pg	18 02 19.6	-0.7
ILIC			Sg	Sg	18 02 34.6	-0.8
MDIV	MDIV	1.24 321	P	Pg	18 02 23.9	+2.0
MDIV			S	Sb	18 02 39.7	+1.5
MDIV	comp=N,2um,0.8s		IAML		18 02 41.0	
MDIV	comp=N,2um,0.8s		IAML		18 02 49.0	
ERZN	Erzincan	1.33 23	Pn	Pg	18 02 23.6	0.0
BNGB	Bingol	1.42 63	Pn	Pg	18 02 25.5	+0.3
BNGB			Sn	Sb	18 02 44.8	+1.1
SVAN	Silvan-Diyarba	1.70 96	Pn	Pg	18 02 31.5	+1.0
SVAN			Sn	Sb	18 02 51.1	+0.5
KHMM	Nari-Kahraman	1.79 238	Pn	Pg	18 02 32.1	-0.1
GAZ	Gaziantep	1.88 232	Pn	Pg	18 02 33.7	-0.3
GAZ			Sn	Sb	18 02 58.2	-0.2
KMRs	Kahramanmaras	1.91 244	Pn	Pg	18 02 33.9	-0.5
SARI	Saridiz-Kayseri	2.02 272	Pn	Pg	18 02 35.1	-0.1
SVSK	Karayayir	2.23 315	Pn	Pg	18 02 36.1	-1.7
GURO	Guroymak-BITLI	2.34 84	Pn	Pb	18 02 39.9	+0.7

ISK 24 18:04:36.5, 38°43'N, 39°03'E, h5km, ML3.6/12
 AFAD 24 18:04:37.4, 38°37'N, 39°07'E, h7km, 1km, ML3.9
 ISC 24 18:04:37.2, 0.9, 38°41'N, 0.03, 39°02'E, 0.03, h11km, 6km, n21, c128/31, Turkey

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
ELZG	Elazig	0.09 342	Op	P	18 04 37.4	+0.4
ELZG			S	Sb	18 04 43.0	+0.9
ELZG	comp=N,5um,0.4s		IAML		18 04 44.0	
ELZG	comp=N,5um,0.4s		IAML		18 04 44.0	
ELZ	Elazig	0.32 28	P	Pg	18 04 42.3	-1.3
ELZ			S	Sb	18 04 48.9	-1.2
MDNT	Maden	0.52 92	P	Pg	18 04 46.8	-0.5
MDNT			S	Sb	18 04 53.7	-0.6
MDNT	comp=N,7um,0.4s		IAML		18 04 56.0	
NARI	Adyaman-Kaht	0.56 201	P	Pg	18 04 48.3	+0.1
NARI			S	Sb	18 04 54.1	-1.6
KAHTU	Kahta	0.69 208	P	Pg	18 04 50.7	+0.2
KAHTU			S	Sb	18 04 59.0	-0.5
KAHTU	comp=N,5um,1.1s		IAML		18 05 02.0	
ARPR	Arapgir-MALATY	0.87 322	Pg	Pg	18 04 54.2	+0.2
HEKM	Malatya_Hekimh	0.95 300	P	Pg	18 04 51.3	-4.2
HEKM			S	Sb	18 05 06.9	-1.3
DIYA	Diyarbakir	0.99 119	P	Pg	18 04 56.1	-0.4
DIYA			S	Sb	18 05 09.9	+0.3
DIYA	comp=E,5um,0.5s		IAML		18 05 12.0	
DIYA	comp=N,5um,2.1s		IAML		18 05 39.0	
ILIC	ilic-Erzincan	1.10 341	Pn	Pg	18 04 58.2	-0.2
ILIC			Sn	Sb	18 05 14.4	+0.5
MDIV	MDIV	1.19 320	P	Pg	18 04 59.8	-0.2
MDIV			S	Sb	18 05 18.9	+2.8
MDIV	comp=N,5um,0.4s		IAML		18 05 25.0	
SANL	SANLIURFA_Merk	1.24 181	P	Pn	18 05 00.8	+0.3
SANL			S	Sb	18 05 17.0	+0.5
ERZN	Erzincan	1.30 25	Pn	Pg	18 05 01.9	-0.2
BNGB	Bingol	1.42 65	Pn	Pg	18 05 06.1	-0.4
YEDI	Yedisu-Bingol	1.57 49	Pn	Pb	18 05 06.4	0.0
SVAN	Silvan-Diyarba	1.73 98	Pn	Pb	18 05 08.0	+0.7
KHMM	Nari-Kahraman	1.79 236	Pn	Pb	18 05 10.0	-0.1
KARO	Karlioova-Bingo	1.82 60	Pn	Pb	18 05 09.9	-0.8
GAZ	Gaziantep	1.89 230	Pn	Pb	18 05 11.8	-0.2
KMRs	Kahramanmaras	1.90 242	Pn	Pb	18 05 11.9	-0.2
BAYT	Aydintepe-Bayb	2.16 23	Pn	Pb	18 05 15.1	+1.8
GURO	Guroymak-BITLI	2.37 86	Pn	Pb	18 05 18.1	-1.9

AFAD 24 18:06:39.3, 38°37'N, 39°10'E, h7km, 2km, ML3.8
 ISK 24 18:06:40.3, 38°44'N, 39°08'E, h9km, ML2.4/8
 ISC 24 18:06:38.0, 1.1, 38°31'N, 0.03, 39°08'E, 0.03, h6km, 11km, n22, c083/33, Turkey

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
ELZG	Elazig	0.20 338	Op	P	18 06 42.8	+0.8
ELZG			S	Sb	18 06 45.5	+0.8
ELZG	comp=N,7um,0.3s		IAML		18 06 46.0	
ELZ	Elazig	0.39 15	P	Pg	18 06 45.6	0.0
ELZ	comp=N,1um,0.3s		IAML		18 06 50.0	
ELZ	comp=N,1um,0.3s		IAML		18 06 53.0	
MDNT	Maden	0.48 80	P	Pb	18 06 48.4	-0.6
MDNT			S	Sb	18 06 55.1	-1.2
NARI	Adyaman-Kaht	0.50 210	P	Pb	18 06 50.2	+1.0
MAYA	Malatya/Merkez	0.51 271	P	Pg	18 06 48.1	+0.1
MAYA			S	Sb	18 06 53.0	-1.7
KAHTU	Kahta	0.63 216	P	Pb	18 06 52.5	-1.0
KAHTU			S	Sb	18 07 01.2	+0.8
KAHTU	comp=N,5um,0.7s		IAML		18 07 02.0	
KAHTU	comp=E,5um,1.1s		IAML		18 07 06.0	
KOVA	Elazig, Kovanc	0.70 56	P	Pb	18 06 51.7	-0.9
HANN	anuriur/Hi	0.75 192	P	Pn	18 06 56.0	+0.9
HANN			S	Sb	18 07 05.9	-0.9
HANN	comp=N,2um,0					

24d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ECAT, NZIP, MUSH, KUST, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MDVR, MESR, SIRR, PSZ, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like KURK, ARCES, EKA, etc.

IDC 24 18:12:16.2; 4.38; 0.9N; 39.40E, h0km, mb3.5/2, mbmp3.5/3, ML3.3/1, Error ellipse: s-maj=72.8km s-min=25.6km az=16.0 ISK 24 18:12:20.8; 38.34N; 39.21E, h6km, ML3.2/9

AFAD 24 18:12:20.8,38'40N,39'18E,h7km,1km,ML3.9
ISC 24 18:12:20.9,38.363N,0.04,39.22E,0.03,h9km,2gkm,
n18,c18/25,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include SVRC Sivrice-ELAZID, ELZG Elazig, MDNT Maden, etc.

RSPR 24 18:12:25.0,17'39N,66'96W,h10km,MD2.6/8
NEIC 24 18:12:24.1,0.7,17'39N,0.04,66'95W,0.01,h15km,2km,
ML2.9/35,MD2.6/8(RSPR),2C-7D,Error ellipse:
s-maj=6.0km s-min=1.4km az=178.0,Puerto Rico
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include GBPR Guanica, BOSQU, CRPR Cabo Rojo, etc.

ISK 24 18:15:36.8,38'46N,39'19E,h13km,ML2.9/6,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include SVRC Sivrice-ELAZID, ARPR Arapgir-MALATY, etc.

AFAD 24 18:16:08.5,38'36N,39'07E,h7km,3km,ML3.3
ISC 24 18:16:11.9,7.8,38'32N,38'61E,h0km,mb3,1/2,
mbtmp3.3/3,ML3.4/1,Error ellipse: s-maj=117.9km
s-min=96.2km az=29.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include ELZG Elazig, MDNT Maden, etc.

Table with columns: MDNT, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include MAYA Malatya/Merkez, NARI Adyaman-Kaht, etc.

ISC 24 18:17:57.8,1.6,38'34N,39'01E,h0km,mb3,7/8,
mbtmp3.7/12,ML3.2/4,Error ellipse: s-maj=32.6km
s-min=11.9km az=0.0

ISC 24 18:17:57.9,38'45N,38'97E,h5km,ML4.1/11
AFAD 24 18:17:57.7,38'39N,38'92E,h15km,1km,ML4.0
ISC 24 18:17:58.7,1.0,38'40N,0.02,38'94E,0.02,h5km,7km,
n56,c091/81,mb3.8/7,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include ELZG Elazig, SVRC Sivrice-ELAZID, etc.

ISC 24 18:17:58.7,1.0,38'40N,0.02,38'94E,0.02,h5km,7km,
n56,c091/81,mb3.8/7,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include ELZG Elazig, SVRC Sivrice-ELAZID, etc.

ISC 24 18:17:58.7,1.0,38'40N,0.02,38'94E,0.02,h5km,7km,
n56,c091/81,mb3.8/7,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include ELZG Elazig, SVRC Sivrice-ELAZID, etc.

ZALV Zalesovo Beam 34.69 48 P P 18 24 49.7 +0.7

CMAR Chiang Mai Arr 55.42 93 P P 18 27 32.5 -1.7

ISC 24 18:21:45.3,6.0,37'44N,38'88E,h0km,mb3,7/2,
mbtmp3.6/3,ML2.9/1,Error ellipse: s-maj=129.7km
s-min=28.4km az=7.0

ISC 24 18:21:48.5,38'40N,38'96E,h5km,ML3.4/12
AFAD 24 18:21:49.0,38'41N,38'92E,h17km,1km,ML3.5
ISC 24 18:21:49.5,1.2,38'38N,0.03,38'94E,0.02,h3km,2gkm,
n26,c159/39,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include ELZG Elazig, MDNT Maden, etc.

ISC 24 18:21:49.5,1.2,38'38N,0.03,38'94E,0.02,h3km,2gkm,
n26,c159/39,Turkey

ISC 24 18:21:49.5,1.2,38'38N,0.03,38'94E,0.02,h3km,2gkm,
n26,c159/39,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include ELZG Elazig, MDNT Maden, etc.

ISC 24 18:21:49.5,1.2,38'38N,0.03,38'94E,0.02,h3km,2gkm,
n26,c159/39,Turkey

ISC 24 18:21:49.5,1.2,38'38N,0.03,38'94E,0.02,h3km,2gkm,
n26,c159/39,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include ELZG Elazig, MDNT Maden, etc.

ISC 24 18:21:49.5,1.2,38'38N,0.03,38'94E,0.02,h3km,2gkm,
n26,c159/39,Turkey

ISC 24 18:21:49.5,1.2,38'38N,0.03,38'94E,0.02,h3km,2gkm,
n26,c159/39,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include EYMN Ely, E3BA The Farm, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Lac du Bonnet, Maple Grove Fa, LAC DU BONNET, Lemond, Waseca, Norwalk, etc.

24d 18:23:35.3, 4.5, 38.81N, 38.41E, h0km, mb3.3/3, mbtmp3.3/4, ML2.7/1, Error ellipse: s-maj=131.7km s-min=15.9km az=179.0, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Keskin Array B, GERES Array B, Kurchatov Arra, Makanchi Array, etc.

AFAD 24 18:24:43.1, 38.24N, 38.82E, h7km, 1km, MW4.0, IDC 24 18:24:45.8, 1.5, 38.42N, 38.70E, h0km, mb3.7/7, mbtmp3.7/11, ML3.3/4, Error ellipse: s-maj=27.9km s-min=1.1, 1km az=172.0

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Elazig, Malatya/Merkez, Adyaman-Kaht, Hatat, Dubai, etc.

IDC 24 18:27:12.0, 13.0, 12.69S, 166.76E, h137km, 146km, mb3.2/3, mbtmp3.7/4, ML3.2/1, Error ellipse: s-maj=110.4km s-min=31.9km az=156.0, Santa Cruz Islands

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mont Dzumac, Warramunga Arr, Alice Springs, Glisoon Array, etc.

IDC 24 18:31:23.5, 1.0, 26.52N, 55.39E, h0km, mb3.9/15, mbtmp4.0/17, ML4.6/2, Error ellipse: s-maj=21.2km s-min=20.0km az=29.0

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Shamm, Banah, Umm Al-Quwin, LAR, MASF, Esma-Masafi, Nazwa, Dubai, etc.

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Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DQM, TABS, DOK, KHMZ, SHAO, DMTO, ASAO, RBK, DAMV, ABTO, RAYN, SNGE, ASF, MMAI, KBZ, KIV, KKAR, AB31, AB31, AKB, AKTO, BVAR, MKAR, MKAR, KURB, KURK, AKASG, AKASG, AKAB, KIEV, BURAR, ZAAO, ZAAO, ZALV, ZALV, CUC, CAMP, CAMP, NRCA, ABTA, KHC, WTTA, WATA, FIA1, FINES, FINES, FETA, RETA, DAVA, HFS, SONM, NC405, NOA, ARCES, ESDC, LBTB, BOSA, BOSA, WRA, ASAR, ISK, AFAD, MOS, NEIC, ISC, Code, Station Name, Az, Phase ID, Time, Res.

24d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like AKTO Aktyubinsk, GERES GERESS Array B, CLL Collin, ARTI Arti, FINES FINESS Array B, KURBB Kurchatov Arra, EKA Eskdalemuir Ar, MKAR Makanchi Array, ESDC Sonseca Array, YKA Yellowknife Ar.

ICD 24 18:38:28.9±4.2, 37.411N±72.28E, h154km,36km, mb3.4/6, mbtmp3.8/12, Error ellipse: s-maj=32.4km s-min=22.4km az=26.0
NCC 24 18:38:36.1±2.6, 37.96N±72.14E, h178km,39km, mb3.1, mpv4.7, Error ellipse: s-maj=29.0km s-min=15.8km az=15.0

Main table for station data, columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists numerous stations including SRNI Strinagar, ALCI Alchi Leh, JMU Jammu, UCH Uchter, IUG luzhnay, EKS2 Ekki-Say, MRKS Merke, AAK Ala-Archa, TSSA Tissa, KBK Karagaybulak, CHMS Chumysh, KK31 Karatay Array, BRLS Boroladay, DHRM DHARAMSHALA, DGS Degeres, SMLA Simla, JOSI Joshimat, PTH Pithoragarh, LGTI Lohaghat, MKAR Makanchi Array, KURBB Kurchatov Arra, AB31 Akbulak array, BVAO Borovoye Array, BVAR Borovoye Array, AKTO Aktyubinsk, ZALV Zalesovo Beam, ARTI Arti, FINES FINESS Array B, ARCES ARCES Array B, TORO Torodi Ar, Bea, YKA Yellowknife Ar, WRA Warramunga Arr.

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ISK 24 18:38:34.8, 38.51N, 39.33E, h5km, ML3.5/11
ISC 24 18:38:34.9±0.3, 38.49N±0.03, 39.30E±0.03, h12km,6km, n20, c094/30, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like SVRC Sivrice-ELAZID, ELZ Elazig, MDNT Maden, KOVA Kovanc, DIYA Diyarbakir, ARPR Arapgir-MALATY, HANM anilurfa/Hi, ILIC ilic-Erzincan, ERZN Erzincan, BNGB Bingli, EUMZ Uzumlu, YEDI Yedisu-Bingol, SVAN Silvan-Diyarba, KARO Karliova-Bingo, VRTB Varto-Mus, BAYT Aydintepe-Bayb, KHMM Nari-Kahraman, GAZ Gaziantep, KMRS Kahramanmara, GURO Guromyak-BITLI.

ISK 24 18:43:21.1, 38.35N, 38.93E, h5km, ML4.4/10
AFAD 24 18:43:22.2, 38.40N, 39.06E, h12km, 1km, ML3.9
ICD 24 18:43:22.9±0.5, 38.38N±0.05, 38.93E, h12km, mp4.1/22, mbtmp1.1/33, mlN=8.3km, az=162.0

MOS 24 18:43:23.0±0.9, 38.41N±39.05E, h12km, mb4.4/15, Error ellipse: s-maj=6.5km s-min=4.5km az=108.8
NEIC 24 18:43:24.4±1.8, 38.43N±0.05, 39.05E±0.06, h10km, 1km, mb4.3/56, Error ellipse: s-maj=9.2km s-min=5.8km az=218.0

Main table for station data, columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists numerous stations including ELZG Elazig, ELZG Elazig, ELZG Elazig, ELZG Elazig, MDNT Maden, MAYA Malatya/Meerkez, NARI Adyaman-Kaht, KAHTU Kahta, KOVA Kovanc, HANM anilurfa/Hi, AZEY Adyaman-Merk, AKCD Akcadag, ARPR Arapgir-MALATY, URFU Urfu, DIYA Diyarbakir, HEKM Malatya-Hekim, MAYK Malatya, ILIC ilic-Erzincan, SANL SANLIURFA_Merk, HANM anilurfa/Hi, AKCA Adyaman/Çiftli, MDIV MDIV, MDIV MDIV.

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Main table for station data, columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists numerous stations including ERZN Erzincan, BNGB Bingli, EUMZ Uzumlu, YEDI Yedisu-Bingol, SVAN Silvan-Diyarba, MBOZ MBOZ, KELT Kelkit, KHMM Nari-Kahraman, KARO Karliova-Bingo, GAZ Gaziantep, KMRS Kahramanmara, ECAT ECAT, SUSE Susehri, ALUC Giresun/Aluc, KOPT Kop Dag, VRTB Varto-Mus, SARI Sardiz-Kayseri, BAYT Aydintepe-Bayb, GURO Guromyak-BITLI, BNN Bunyan, KOPR Koprukoy-ERZUR, TOKA Tokat, MLAZ Malazgirt-MUS, KARS Kars, KIRS Kiresehir-Merke, BR13 Keskin Array S, BR13 Keskin Array B, BEIL Beino, GNI Gani, GWI Gani, HNO Hawqa, ILGA Ilgaz, VYSLR Veselyoye, BHL Bhamnes, BZK Bozkurt, DQRL Deir Oqamar, RCV Rachaya, ORWL Ormal, CSS Mathiasis, SHA1 Shidzhatmaz, KBZ Khabaz, MMAI Mount Meron Ar, KIV Kislovodsk, ASF Jabal al Asfar, MDUB Mudurnu, SAHE Sakarya-HENDEK, BORA Borak, EHAL Eilat, TIRR Tigrisur, TIRR Tigrisur, TPGR Topolog, ALN Alexandroupoli, CFR Carcalui, RDO Rodhopi, IDI Anoyia, VRI Vrincoiaia, PLOH Ploshina, MLR Muntele Rosu, MLR Muntele Rosu, BURAR Buocovina Array, BURAR Buocovina Ar, GZR Gura Zlata, AKASG Malin Array Be, AKASG Malin Array Be.

AFAD 24 18:38:34.4, 38.49N±39.31E, h7km,2km, ML3.3

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like AKBB, KIEV, PHP, DRGR, etc.

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

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like G18K, YKA, YKA, ULM, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like GZT, ALUC, SUSE, SCER, GNI, BRTR, FINES, KURBB, MKAR, SONM.

ISK 24 18:54:09.9, 38:27N-38:75E, h5km, ML3.4/16
IDC 24 18:54:10.8-1.6, 38:28N-38:76E, h0km, mb3.3/4,
mbmp3.3/8, ML3.1/4, Error ellipse: s-maj=28.5km
s-min=13.0km az=166.0

Main table of station data with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Lists numerous stations including MAYA, ELZG, NARI, SVRCE, KAHTU, ELZ, AZEY, AKCD, HEKM, ARPR, MDNT, URF, ILC, ERZN, ERZM, EUZM, GAZ, KMRS, BNGB, YEDI, SVAN, KARO, SVSK, VRTB, BAYT, BRTR, MMAI, KBZ, KVAR, GERES, MKAR, ESDC.

ISK 24 18:59:07.4, 38:46N-39:21E, h5km, ML4.0/31
AFAD 24 18:59:08.7, 38:45N-39:25E, h7km, ML3.9
IDC 24 18:59:08.0-0.9, 38:58N-39:29E, h0km, mb3.4/6,
mbmp3.6/11, ML3.5/3, Error ellipse: s-maj=20.6km
s-min=10.3km az=163.0

Main table of station data with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Lists numerous stations including SVRCE, ELZG, ELZ, MDNT, ELZ, MDNT, KOVA, NARI, KAHTU, DIYA, DIYA, MAYK, HANM, ARPR, AZEY, AKCD, HEKM, ILC, ERZN, BNGB, YEDI, SVAN, KARO, VRTB, KHMM, BAYT, GAZ, KMRS, GURO, SARI, SVSK, KOPR, MALAZ, BNN, TOKT, CHOM, AKDM, AGRB, CEYT, TAHT, YOZ, CMRD, BKA, KOKZ, KAR, BRTR, GNI, BEIL, HWQ, ZAH, BHL, DQRL, RCY, QRWL, MMAI, ASF, EIL, IDI, GERES, ARTI, FINES, BVAR, MKAR, TORD.

AFAD 24 19:00:30.9, 38:43N-39:24E, h7km, 4km, ML3.6
ISK 24 19:00:30.5, 38:48N-39:24E, h5km, ML3.4/14
IDC 24 19:00:31.9-2.2, 38:63N-39:21E, h0km, mb3.7/6,
mbmp3.7/10, ML3.1/4, MS4.5/1, Error ellipse:

s-maj=44.6km s-min=16.7km az=176.0
NEIC 24 19:00:32.6-1.7, 38:51N-0:04-39:21E, h10km, 1km,
mb4.3/16, Error ellipse: s-maj=7.1km s-min=2.9km
az=354.0

Main table of station data with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Lists numerous stations including SVRCE, ELZG, ELZ, MDNT, MDNT, MDNT, KOVA, MAYA, NARI, NARI, NARI, KAHTU, KAHTU, KAHTU, DIYA, DIYA, DIYA, HANM, HANM, HANM, ARPR, ARPR, ARPR, AZEY, AZEY, AKCD, AKCD, HEKM, HEKM, HEKM, ILC, ILC, ERZN, ERZN, BNGB, BNGB, YEDI, SVAN, KARO, KOPT, VRTB, KHMM, BAYT, GAZ, KMRS, GURO, BNN, TOKA, BRTR, BRTR, BR13, GNI, GNI, GNI, ILLG, ILLG, CSS, KBZ, BORA, AKAS, RDO, AKTO, ABKAR, CTI, ARTI, ARTI, KEST, KEST, KKAR, FINES, FINES, BVAR, BVAR, KURBB, KURK, KURK, MKAR, MKAR, ZAAO, ZAAO, ZALV, ZALV, ZALV, MACI, HILR, VSOI, TUI, B20K, C19K, C18K, C18K, C27K, D19K.

Table with columns for station call letters, frequency, and other parameters. Includes stations like MNK, MNB, MNC, etc.

Table with columns for station call letters, frequency, and other parameters. Includes stations like KLMR, DAVOX, DAVA, etc.

Table with columns for station call letters, frequency, and other parameters. Includes stations like DGZ, KMBO, NRK, etc.

WEL 24 19:04:37.8:0.8,45'S:5'16''E, h92km,7km, M3.6/15, s-min=5.2km az=118.1, confirmed, South Island

Table with columns for Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like MSZ, TAFS, DCZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Ulanbaatar, Keskin Array B, Malin Array Be, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Sonseca Array, ESDC, VOI, TULEG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Las Mesas, Puerto Rico Se, Obispo Ponce, etc.

AFAD 24 19:39:57.0, 38.39N-39.16E, h8km, 10km, ML3.6
ISK 24 19:39:58.4, 38.45N-39.21E, h5km, ML4.0/22
IDC 24 19:40:00.4, 1.1, 38.56N-39.14E, h0km, mb3.6/7,
mbtmp3.6/11, ML3.3/4, MS4.6/1, Error ellipse:
s-maj=26.4km s-min=12.4km az=172.0
ISC 24 19:39:59.6, 0.6, 38.38N-0.02, 39.17E, 0.02, h10km, n78,
e1569/93, mb3.7/7, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SVRC, ELZIG, ELZG, etc.

24d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various numerical data points for stations like SLHN, SURC, SVAN, etc.

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Main table with columns: Code, Station Name, Az, Phase ID, Time Res, and various numerical data points for stations like NARI, KAHTU, KOVA, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time Res, and various numerical data points for stations like ELZG, MDNT, MAYA, etc.

ISK 24 19:43:40.3, 38°31'N-39°03'E, h5km, ML3.9/12
IDC 24 19:43:41.9, 1.4, 38°40'N-39°08'E, h0km, mb3.5/5
AFAD 24 19:43:42.0, 38°37'N-39°08'E, h8km, 2km, ML3.6
ISC 24 19:43:42.2, 1.1, 38°35'N-02°39'07E, h0.02, h4km, 8km, n53, 0.92/67, mb3.5/5, Turkey

ISK 24 19:49:37.1, 38°37'N-39°14'E, h5km, ML4.3/28
MOS 24 19:49:38.9, 1.1, 38°29'N-39°07'E, h13km, mb4.5/20, Error ellipse: s-maj=1.3km s-min=5.1km az=61.8
AFAD 24 19:49:38.2, 38°42'N-39°15'E, h15km, MW4.5
IDC 24 19:49:39.4, 0.8, 38°39'N-39°16'E, h0km, mb3.9/16, mbmp3.9/23, ML3.5/7, MS4.4/1, Error ellipse: s-maj=17.3km s-min=9.2km az=171.0
NEIC 24 19:49:40.1, 1.9, 38°42'N-04°39'14E, 0.04, h10km, 1km, mb4.3/39, Error ellipse: s-maj=8.4km s-min=2.9km az=40.0

ISK 24 19:49:37.1, 38°37'N-39°14'E, h5km, ML4.3/28
MOS 24 19:49:38.9, 1.1, 38°29'N-39°07'E, h13km, mb4.5/20, Error ellipse: s-maj=1.3km s-min=5.1km az=61.8
AFAD 24 19:49:38.2, 38°42'N-39°15'E, h15km, MW4.5
IDC 24 19:49:39.4, 0.8, 38°39'N-39°16'E, h0km, mb3.9/16, mbmp3.9/23, ML3.5/7, MS4.4/1, Error ellipse: s-maj=17.3km s-min=9.2km az=171.0
NEIC 24 19:49:40.1, 1.9, 38°42'N-04°39'14E, 0.04, h10km, 1km, mb4.3/39, Error ellipse: s-maj=8.4km s-min=2.9km az=40.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BUCAR Bucovina Array, KIEV Kiev, AKBB Malin Array Si, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like EBR Ebro Roquetas, KURBB Kurchatov Arra, KURK Kurchatov, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ERZN Erzincan, GAZ Gaziantep, KMRs Kahramanmaras, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like ARPR, ARAPGIR-MALATY, HEKIM, etc.

Table with columns for code, station name, frequency, mode, and signal strength. Includes stations like SUR, E25K, ANM, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like BLGI, AKAS, VORD, etc.

24d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Black Hills Casper, LASA Array, Pinedale Array, etc.

2020 JAN

Table with columns: MIVCO, JMTM, MTPU, ELK, AGMN, PKCU, PSUT, ULM, YKA, ILAR, ARCES, etc. Includes station names like Mesa Verde, Jette, Mount Pierson, etc.

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Table with columns: ORIF, ESDC, SJPF, PAB, CAF, LPG, LPL, ECAB, ECAB, LFF, LFF, RJF, RJF, ELAN, ELAN, ELAN, CABC, TCF, SMF, SMF, BGF, BGF, AVF, AVF, SSF, SSF, LOR, LOR, HYF, HYF, MFF, MFF, HINF, HINF, HAU, HAU, CDF, CDF, PAFV, PAFV, LDF, LDF, GRR, GRR, FLN, FLN, GMM, GMM, ROSF, ROSF, BAIF, BAIF, DOU, DOU, AKAS, AKAS, TOR, TOR, KURB, KURB, MKAR, MKAR, YKA, YKA, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Contains station data for Turkey and surrounding regions.

ISC 24 21:16:13.7.1.7.39.01N:27.78E, h0km, mb3.4/4, mbmp3.4/8, ML3.1/4, Error ellipse: s-maj=30.6km s-min=15.0km az=15.0

AFAD 24 21:16:13.6.39.05N:27.86E, h10km, mb4.0, MW4.0

ISC 24 21:16:13.4.39.06N:27.83E, h4km, ML4.0/27

THE 24 21:16:14.9.39.12N:27.82E, h14km, 15km, M3.5/21, MLh3.5/21

ISC 24 21:16:14.2.0.9.39.05N:0.01:27.85E:0.01, h8km, mb7.7km, n139, o081/189, mb3.3/4, 14C-11D, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Contains station data for Turkey and surrounding regions.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Contains station data for Turkey and surrounding regions.

ISC 24 21:16:13.7.1.7.39.01N:27.78E, h0km, mb3.4/4, mbmp3.4/8, ML3.1/4, Error ellipse: s-maj=30.6km s-min=15.0km az=15.0

AFAD 24 21:16:13.6.39.05N:27.86E, h10km, mb4.0, MW4.0

ISC 24 21:16:13.4.39.06N:27.83E, h4km, ML4.0/27

THE 24 21:16:14.9.39.12N:27.82E, h14km, 15km, M3.5/21, MLh3.5/21

ISC 24 21:16:14.2.0.9.39.05N:0.01:27.85E:0.01, h8km, mb7.7km, n139, o081/189, mb3.3/4, 14C-11D, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Contains station data for Turkey and surrounding regions.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Contains station data for Turkey and surrounding regions.

ISC 24 21:25:55.3:8.7, 30:52S:177.60W, h0km, mb3.2/2, mbmp3.2/2, Error ellipse: s-maj=370.9km s-min=62.7km az=156.0, Kermaed Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Contains station data for Turkey and surrounding regions.

ISC 24 21:35:23.3, 38:51N:39:36E, h3km, ML2.3/2

AFAD 24 21:35:24.8, 38:46N:39:23E, h7km, 4km, ML3.2

ISC 24 21:35:24.5:1.0, 38:46N:0.03:39:28E:0.03, h11km, 7km, n12, c19/21, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Contains station data for Turkey and surrounding regions.

NEIC 24 21:35:29.1:2.4, 48:55N:0.0:4.125:19W:0.05, h10km, 1km, mb4.5/60, ML4.2/80, Mw4.5/39, ML4.6/10(SEA), Mw4.5(OIT), Error ellipse: s-maj=6.8km s-min=4.4km az=221.0, Moment Tensor Solution, Moment tensor: Scale 1.05Nm; Mm=0.45; Mba=1.48; Mbb=1.69; Mbc=1.6; Mn=3.11; Fault plane solution: M6.50000x10¹⁵ NP1:psi:352.49000; 852.09000; A:-149.15000; NP2: psi:257.80000; 859.47000; A:-9.19000; Principal axes: T 6.0800, Plg15.0000; Azm121.0000; N 0.7679, Plg58.0000; Azm5.0000; P -6.8480, Plg27.0000; Azm219.0000;

NEIC 24 21:35:30.7, 48:59N:125:19W, h26km PGC 24 21:35:30.6:0.3, 48:57N:125:19W, h38km, ML4.2/29, Mw4.5, Mw4.8(NEIC), 29km south of Bamfield, Bc Vancouver Island, Canada Region

ISC 24 21:35:31.9:1.3, 48:52N:125:11W, h27km, 9km, mb3.7/16, mbmp4.0/28, ML3.7/12, MS4.0/4, Error ellipse: s-maj=12.8km s-min=5.3km az=58.0

SEA 24 21:35:33.7:2.2, 48:54N:0.03:125:22W:0.04, h10km, 1km, Error ellipse: s-maj=5.8km s-min=4.5km az=205.0

ISC 24 21:35:30.7:0.8, 48:56N:0.02:125:15W:0.02, h27km, 5km, n246, c108/256, mb4.4/32, Vancouver Island region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Contains station data for Turkey and surrounding regions.

OSPL 24 21:16:50.1:3.8, 19:15N:71:96W, h5km, 98km, ML1.9, Presumed earthquake

SDD 24 21:16:51.5:2.2, 18:76N:70:73W, h12km, 11km, MD2.9, ML1.6, MW2.3, Presumed earthquake

ISC 24 21:16:50.1:0.9, 18:76N:0.05:70:76W:0.03, h15km, 7km, n10, o086/18, 11C-1D, Dominican Republic region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Contains station data for Dominican Republic region.

SDD 24 21:17:16.8:2.5, 18:78N:70:72W, h12km, 12km, MD2.7, ML1.5, MW2.3, 9C-1D, Presumed earthquake, Dominican Republic region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Contains station data for Dominican Republic region.

24D 21h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like B009 North Saanich, B010 North Saanich, B011 North Saanich, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like G06A Carlson Farm, BUCK Buck Mountain, PRK Prince Lake, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MNHN comp=Z,1.3nm,0.9s, TPB05 Hovey Rd, TX31 Lajitas Ar. Si, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PPSI Pulau Pagai, KRJI Kerinci, PDSI Padang, etc.

24d 21h

Table with columns for station name, frequency, power, and other technical details. Includes stations like FARB Farallon Islan, G003 Copiapo, M29M Somme Creek, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like PLTB Pedras Altas, FARB Frobisher Bay, G003 Copiapo, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like M29M Somme Creek, TABL Table Mountain, L29M L29M, etc.

Table with columns: BILL, comp, Azimuth, Elevation, P, I, A, M, B, Time, Res. Includes stations like Bilibino, Torodj Ar. Bea, Davos/Dischmat, etc.

Table with columns: KMI2, comp, Azimuth, Elevation, LR, LR, Time, Res. Includes stations like TengChong, Karang Ratu, Ambon, Kununurra, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Elazig, Malatya/Merkez, Adiyaman-Kahit, etc.

24d 22h

2020 JAN

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ISC 24 22:14:06.6,0.9,47.93N,0.04,67.82E,0.05,h10km,n12, c265/20,Central Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRZS Berezinski, BRLLS Borolday, BTLS Baital, etc.

ISK 24 22:19:28.1,38.32N,38.98E,h5km,ML3.8/18 IDC 24 22:19:29.9,1.1,38.33N,38.93E,h0km,mb3.6/7, mbtmp3.6/12,ML3.2/5, Error ellipse: s-maj=24,4km s-min=10.7km az=177.0

AFAD 24 22:19:29.0,38.30N,38.94E,h7km,1km,ML3.4 ISC 24 22:19:29.9,1.2,38.30N,38.97E,0.02,h0km,10km, n39,c081/53,mb3.7/7,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ELZG Elazig, SVRC Sivrice-ELAZID, MAYA Malatya/Merkez, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ESDC Sonseca Array, ZALV Zalesovo Beam.

NEIC 24 22:26:6.0,8,17.77N,0.02,66.88W,0.01,h10km,2km, ML2.6/35,MD3.0/4(RSPR), Error ellipse: s-maj=4.2km s-min=2.8km az=1.0

RSPR 24 22:26:27.7,17.83N,66.89W,h10km,MD3.0/4 ISC 24 22:26:26.6,1.5,17.79N,0.07,66.87W,0.03,h10km,2km, n31,c062/49,3C-6D,Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GBPR Guanica, MLPRR Magueyes Isian, CRPR Cabo Rojo, etc.

ISK 24 22:29:53.1,38.26N,38.86E,h5km,ML3.4/19 IDC 24 22:29:56.0,1.4,38.40N,38.92E,h0km,mb3.5/4, mbtmp3.4/8,ML3.0/4, Error ellipse: s-maj=28.2km s-min=10.8km az=176.0

ISC 24 22:29:56.3,0.8,38.25N,0.04,38.88E,0.03,h10km,n27, c137/30,mb3.6/4,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SVRC Sivrice-ELAZID, URFA Urfa, ARPR Arapgir-MALATY, etc.

CATAC 24 22:35:10.4,0.8,14.1N,4x9.3W,h12km,6km,M3.7/7, ML3.7/7, Error ellipse: s-maj=10.8km s-min=4.6km az=45.2, confirmed

MEX 24 22:35:11.6,0.5,14.29N,93.40W,h14km,178km,MD4.2 GCG 24 22:35:13.0,1.5,14.31N,93.22W,h35km,999km,MD3.7, ML3.7, Presumed earthquake

ISC 24 22:35:02.6,1.5,14.10N,0.05,93.48W,0.03,h14km,10km, n30,c199/52,Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THIG Union Juarez, PATR El Naranjo, CHUJ Union Juarez, etc.

AFAD 24 22:40:55.1,38.38N,39.09E,h7km,2km,ML2.9,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ELZG Elazig, MDNT Maden, MAYA Malatya/Merkez, etc.

AFAD 24 22:41:04.6,38.39N,39.05E,h15km,3km,ML3.0,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ELZG Elazig, MDNT Maden, MAYA Malatya/Merkez, etc.

MEX 24 22:44:08.7,0.5,14.25N,93.31W,h3km,55km,MD4.2 GCG 24 22:44:09.5,1.6,14.25N,93.20W,h19km,15km,MD4.1, ML3.7, Presumed earthquake

ISC 24 22:44:02.1,6.1,14.09N,0.07,93.30W,0.04,h21km,5km, n24,c028/41,Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THIG Union Juarez, SMCA Catarina, PATR El Naranjo, etc.

24d 22h

2020 JAN

Table with columns: C/N, Name, Time, P, S, and other status indicators. Includes entries like KULM, HRA, KS19, KSAR, etc.

Table with columns: NAZ, Nazwa, Dubai, Time, P, S, and other status indicators. Includes entries like Kuroka, Art, ARTI, etc.

Table with columns: YSS, comp-Z, Time, P, S, and other status indicators. Includes entries like comp-Z,700nm,13.0s, SMRA, etc.

24d 22h

Table with columns for station name, frequency, power, and signal strength. Includes stations like CLL, SOKA, MOA, PDKS, KHC, GEC2, GERES, GORT, LJU, TANN, NOR, BIOA, NKC, KEK, CER, MATE, PLN, FLTG, NEUB, MUD, BSEG, MANZ, ROTZ, MYKA, KBA, MOX, MOX, ASSE, RJOB, SABO, ACER, SNART, LES, CLZ, LODK, LODK, CUC, CUC, ABTA, STAL, STAL, RETH, GTTG, UBBA, FUR, WTTA, WATA, PAOL, PAOL, CEL, GAMB, GUMA, SQT, MOTA, NRCA, RETA, KMBO, KMBO, KIBK, KIBK, FETA, WRAB, WRAB, WRAB, WRA, WRA, WRA, KASTN, IBBN, WRB, UBR, CESX, TNS, STU, STU, STU, STU, C16K, TNA, TNA.

2020 JAN

Table with columns for station name, frequency, power, and signal strength. Includes stations like TNA, FUORN, DAVA, JMJC, DAVOX, BUG, ZCCA, PMG, PMG, VAE, OSSO, COEN, C17K, BFO, BFO, BFO, TUE, F14K, WRKA, RDOG, RDOG, D17K, BTNL, F15K, F15K, C18K, C18K, MEM, BHO, ANM, ANM, ECH, A21K, WLF, WLF, BSTI, C19K, E17K, DBG, G15K, BGES, RCHB, B20K, E18K, E18K, SENIN, SPIA, A22K, BMRD, BMRD, BMRD, F17K, G16K, G16K, D19K, AS31, ASAR, ASAR, ASAR, ASAR, ASAR, H16K, P08K, F18K, M11K, D20K, K13K, K13K, G17K, J14K, J14K, B22K, B21K, C21K, E19K, QIS, F19K, F19K, VSL, VSL, H17K, G18K, H17K, G18K, H17K, NWAO.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like NWAO, KMBL, OPO, G19K, G19K, H18K, H18K, F20K, F20K, F20K, J16K, L14K, L14K, D22K, K15K, K15K, C23K, C23K, M13K, L15K, SSB, SCO, SCO, SCO, H19K, MTSU, D23K, M14K, NIKH, MBAR, MBAR, MBAR, MBAR, F21K, F21K, EKA, EKA, EKA, EKB, EKB, GCSA, C24K, NEEM, NEEM, KEST, KEST, G21K, G21K, D24K, H20K, N14K, TOLK, M15K, K17K, L16K, L16K, E23K, E23K, J18K, J18K, L17K, J19K, J19K, I20K, I20K, O14K, D25K, D25K, C26K, N15K, FORT, COLD, COLD, H21K, M16K, M16K, E24K, J20K, J20K, G23K, G23K, H22K, H22K, L18K.

L18K	Granite Mounta	70.15	28	P	P	23 07 17.5 +0.3
N16K	Nishlik Lake	70.17	30	P	P	23 07 17.8 +0.4
C27K	Jago River	70.25	19	P	P	23 07 18.4 +0.7
M17K	Holifna River	70.27	29	I	A	23 07 22.7
M17K	Holifna River	70.27	29	P	P	23 07 18.8 +0.8
I21K	Tanana	70.34	24	I	A	23 07 22.8
I21K	Tanana	70.34	24	P	P	23 07 19.1 +0.8
F24K	Squaw Lake	70.34	21	I	A	23 07 22.7
F24K	Squaw Lake	70.34	21	P	P	23 07 18.8 +0.4
O15K	Ungalikthiuk R	70.35	32	I	A	23 07 22.3
O15K	Ungalikthiuk R	70.35	32	P	P	23 07 18.5 0.0
K20K	Telida	70.58	27	P	P	23 07 20.2 +0.4
K20K	Telida	70.58	27	I	A	23 07 21.8
	comp=Z,50nm,1.2s	70.58	27	P	P	23 07 20.2 +0.4
VOI	Vohtsoka	70.66	227	P	P	23 07 20.2 -0.8
VOI	Vohtsoka	70.66	227	P	P	23 07 20.5 -0.5
E55K	Arctic Village	70.67	20	P	P	23 07 24.6
E25K	Arctic Village	70.67	20	P	P	23 07 20.8 +0.5
N17K	Nushagak Hills	70.82	30	I	A	23 07 25.2
N17K	Nushagak Hills	70.82	30	P	P	23 07 21.9 +0.6
M18K	Stony River	70.88	29	P	P	23 07 22.2 +0.5
L19K	White Mountain	70.90	28	I	A	23 07 26.4
L19K	White Mountain	70.90	28	P	P	23 07 22.4 +0.5
O16K	Kokwok River B	70.91	31	I	A	23 07 23.4
O16K	Kokwok River B	70.91	31	P	P	23 07 22.5 +0.6
CHUM	Lake Minchuminc	70.94	26	P	P	23 07 22.6 +0.6
G24K	Hadweenciz Riv	70.96	22	P	P	23 07 22.1 0.0
G24K	Hadweenciz Riv	70.96	22	I	A	23 07 26.5
G24K	Hadweenciz Riv	70.96	22	P	P	23 07 22.9 +0.8
F25K	Christian River	70.97	21	P	P	23 07 22.7 +0.4
F25K	Christian River	70.97	21	I	A	23 07 23.9
F25K	Christian River	70.97	21	P	P	23 07 23.1 +0.8
SUMG	Summit	71.02	347	P	P	23 07 22.3 -0.5
SUMG	Summit	71.02	347	P	P	23 07 22.3 -0.5
SUMG	Summit	71.02	347	i	P	23 07 22.2 -0.7
SUMG	Summit	71.02	347	I	A	23 07 23.0
D27M	Malcolm River	71.23	18	P	P	23 07 23.5 -0.3
D27M	Malcolm River	71.23	18	I	A	23 07 25.4
D27M	Malcolm River	71.23	18	P	P	23 07 24.0 +0.2
P16K	Nushagak River	71.24	31	P	P	23 07 23.9 +0.1
O17K	Koliganek Bris	71.25	31	P	P	23 07 24.0 +0.1
I23K	Minto, Yukon-K	71.26	24	P	P	23 07 24.1 +0.2
I23K	Minto, Yukon-K	71.26	24	P	P	23 07 24.3 +0.4
CTA	Charters Tower	71.28	129	P	P	23 07 24.9 +0.2
CTA	Charters Tower	71.28	129	LR	LR	23 42 24.9
CTA	Charters Tower	71.28	129	P	P	23 07 24.8 +0.2
CTAO	Charters Tower	71.28	129	P	P	23 07 25.1 +0.4
CTAO	Charters Tower	71.28	129	P	P	23 07 25.1 +0.4
N18K	Kilae Creek	71.28	29	P	P	23 07 24.4 +0.2
N18K	Kilae Creek	71.28	29	P	P	23 07 24.7 +0.6
BPAW	Bear Paw Mtn.	71.30	25	I	A	23 07 25.6
BPAW	Bear Paw Mtn.	71.30	25	P	P	23 07 24.5 +0.2
TULEG	Thule	71.34	356	I	A	23 07 24.6
TULEG	Thule	71.34	356	i	P	23 07 23.7 -0.5
TULEG	Thule	71.34	356	I	A	23 07 24.4
H24K	Noodor Dome	71.35	23	P	P	23 07 24.5 0.0
H24K	Noodor Dome	71.35	23	I	A	23 07 26.0
H24K	Noodor Dome	71.35	23	P	P	23 07 24.9 +0.4
F26K	Sheenjek River	71.36	20	P	P	23 07 24.1 -0.4
F26K	Sheenjek River	71.36	20	P	P	23 07 25.1 +0.6
DSB	Dublin	71.37	322	P	P	23 07 24.6 -0.2
BMAR	Burnt Mountain	71.40	21	P	P	23 07 25.6 +0.8
CORI	Orista	71.48	308	P	P	23 07 25.3 -0.3
PLLA	Purkeypile	71.54	26	P	P	23 07 26.2 +0.3
NEA2	Nenana	71.69	24	I	A	23 07 27.8
NEA2	Nenana	71.69	24	P	P	23 07 26.8 +0.2
CEST	Esterrj de Car	71.73	309	I	A	23 07 28.1
BORG	Borgarnes	71.75	336	LR	LR	23 39 49.6
M20K	Styx River	71.75	28	P	P	23 07 27.9 +0.9
D28M	Stokes Point	71.75	18	P	P	23 07 27.4 +0.6
E27K	Coleen River	71.77	19	P	P	23 07 27.5 +0.6
N19K	Bonanza Creek	71.80	29	I	A	23 07 29.2
N19K	Bonanza Creek	71.80	29	P	P	23 07 27.8 +0.5
P17K	Kvichak River	71.84	31	P	P	23 07 28.0 +0.6
TRF	Thorofare Moun	71.93	25	P	P	23 07 28.0 -0.3
POKR	Poker Plat Res	71.94	23	I	A	23 07 29.9 +0.5
POKR	Poker Plat Res	71.94	23	P	P	23 07 28.2 +0.2
SDPT	Sand Point	71.94	36	P	P	23 07 28.6 +0.4
COLA	College	71.94	24	P	P	23 07 28.5 +0.5
COLA	College	71.94	24	P	P	23 07 28.5 +0.5
COLA	College	71.94	24	P	P	23 07 28.1 +0.1
IWEX	Carrickbyrne	72.00	321	P	P	23 07 29.0 +0.4
O18K	Koktuh Hills	72.02	30	P	P	23 07 28.8 -0.5
O18K	Koktuh Hills	72.02	30	P	P	23 07 28.8 +0.2
Q16K	King Salmon	72.02	31	P	P	23 07 28.8 +0.2
E28M	Babbage River	72.05	18	I	A	23 07 30.2
E28M	Babbage River	72.05	18	P	P	23 07 28.9 +0.3
CCB	Clear Creek Bu	72.10	24	I	A	23 07 29.6
WRH	Wood River Hill	72.11	24	P	P	23 07 29.1 +0.1
R16K	Pilot Point	72.19	33	P	P	23 07 29.8 +0.2
O19K	Port Alsworth	72.20	29	I	A	23 07 33.9
O19K	Port Alsworth	72.20	29	P	P	23 07 29.5 -0.1
KULLO	Kullorsuag	72.22	352	i	P	23 07 29.2 -0.3

KULLO						
MCK	McKinley	72.25	25	P	P	23 07 30.0 0.0
P18K	Big Mountain,	72.26	30	I	A	23 07 31.3
P18K	Big Mountain,	72.26	30	P	P	23 07 30.0 -0.1
PRP	Porcupine Dome	72.32	22	I	A	23 07 32.1
PRP	Porcupine Dome	72.32	22	P	P	23 07 30.9 +0.5
SKT	Skwentna	72.32	27	I	A	23 07 31.2
SKT	Skwentna	72.32	27	P	P	23 07 30.2 -0.2
IL31		72.33	23	I	A	23 07 30.6
ILAR	Eielson Array	72.33	23	P	P	23 07 29.3 -1.1
ILAR	Eielson Array	72.33	23	PP	PP	23 10 11.6 +1.0
ILAR		72.34	23	I	A	23 07 29.3 -1.1
ILAR		72.34	23	LR	LR	23 42 10.7
ILAR		72.33	23	I	A	23 07 29.1 -1.3
RND	Reindeer	72.48	25	I	A	23 07 35.2
SPCR	Spurr Chakina,	72.50	28	P	P	23 07 31.6 0.0
HDA	Harding Lake	72.53	24	P	P	23 07 31.4 -0.2
CUT	Chulitna	72.55	26	P	P	23 07 31.5 -0.2
Q17K	Contact Creek	72.58	32	P	P	23 07 32.1 0.0
E29M	Blow River	72.63	18	I	A	23 07 33.8
E29M	Blow River	72.63	18	P	P	23 07 32.5 +0.4
F28M	Old Crow	72.64	19	I	A	23 07 33.7
F28M	Old Crow	72.64	19	P	P	23 07 32.5 +0.3
CHNA	Chernabura Isl	72.64	36	P	P	23 07 32.0 -0.4
A36M	Sachs Harbour	72.67	12	P	P	23 07 32.4 +0.2
G27K	Doyon Strip	72.67	20	I	A	23 07 34.3
G27K	Doyon Strip	72.67	20	P	P	23 07 32.9 +0.5
RED	Redoubt Volcan	72.72	29	I	A	23 07 38.0
IJGLA	Gilgrewa, Ch	72.85	323	P	P	23 07 33.9 +0.3
SUA	Susitna One	72.92	27	I	A	23 07 37.6
SUA	Susitna One	72.92	27	P	P	23 07 34.0 -0.2
WAT1	Susitna Watana	72.94	25	P	P	23 07 33.1 -1.0
J25K	Salcha River,	72.94	23	P	P	23 07 33.1 -1.0
P19K	Oil Pt	72.96	30	P	P	23 07 33.5 -0.8
M22K	Willow	72.99	27	I	A	23 07 35.0
M22K	Willow	72.99	27	P	P	23 07 34.0 -0.3
EBR	Ebro Roquetes	73.05	308	P	P	23 07 35.0 0.0
EBR	Ebro Roquetes	73.05	308	P	P	23 07 35.0 0.0
H27K	Steamboat Moun	73.10	21	P	P	23 07 35.8 +0.9
CAPN	Captain Cook N	73.17	28	P	P	23 07 35.6 +0.2
Q19K	Cape Douglas,	73.19	30	P	P	23 07 35.1 -0.5
DHY	Denali Highway	73.21	25	P	P	23 07 34.8 -1.0
K24K	Donnelly Dome	73.32	24	P	P	23 07 35.7 -0.6
WAT6	Susitna Watana	73.39	25	P	P	23 07 36.3 -0.6
PMR	Palmer	73.47	27	I	A	23 07 37.9
PMR	Palmer	73.47	27	P	P	23 07 36.8 -0.3
I27K	Kandik River	73.49	21	P	P	23 07 38.2 +0.9
RC01	Rabbit Creek A	73.54	27	I	A	23 07 38.2
RC01	Rabbit Creek A	73.54	27	P	P	23 07 37.3 -0.3
J26L	Joseph Creek	73.61	23	P	P	23 07 37.7 -0.4
SML	Sawmill	73.64	26	P	P	23 07 38.2 -0.1
G29M	Pine Creek	73.64	19	P	P	23 07 38.3 +0.1
RIDG	Independent Riv	73.68	24	I	A	23 07 38.8
RIDG	Independent Riv	73.68	24	P	P	23 07 37.6 -0.8
UPNV	Upernavik	73.73	351	i	P	23 07 38.0 -0.5
F30M	Barrier River	73.75	18	I	A	23 07 40.3
F30M	Barrier River	73.75	18	P	P	23 07 39.2 +0.5
INK	Inuvik	73.81	17	P	P	23 07 39.0 0.0
INK	Inuvik	73.81	17	LR	LR	23 45 35.8
INK	Inuvik	73.81	17	I	A	23 07 40.1
INK	Inuvik	73.81	17	P	P	23 07 39.0 0.0
INK	Inuvik	73.81	17	P	P	23 07 38.8 -0.2
SCRK	Sand Creek	73.81	23	I	A	23 07 40.1
SCRK	Sand Creek	73.81	23	P	P	23 07 38.8 -0.5
KNK	Knik Glacier	73.83	27	I	A	23 07 40.5
KNK	Knik Glacier	73.83	27	P	P	23 07 39.4 +0.1
M23K	Glacier View	73.88	26	P	P	23 07 39.5 -0.1
Q20K	Shuyak Island	73.91	30	P	P	23 07 40.0 +0.2
BRSE	Bradley Lake S	73.94	29	P	P	23 07 40.0 0.0
PAX	Paxson	73.95	24	P	P	23 07 39.6 -0.5
SCM	Sheep Creek M	74.00	26	P	P	23 07 42.5

24d 23h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like CTG Chitna Glacier, CTGM Chitina Glacie, PAB San Pablo, etc.

2020 JAN

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like PVAQ Vaqueiros, WRGLY Wrigley, MESJ Mesesjana, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like DBIC comp=2.9,4nm,0.8s, comp=2.192nm,19.7s, etc.

RSNC 24 23:01:33.0:0.0, 10°N, 1°7'3W, h4km, M3.4, mB4.7, mb4.1, ML3.2, Mw(mB)3.9, FUNV 24 23:01:33.3, 9.82N:73.17W, h2km, MW3.7, Presumed earthquake, ISC 24 23:01:31.0:0.8, 9.83N:073:13W:0.03, h10km, n36,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Machiques, Ariguan, Magd, Santa Marta, M, San Jacinto, C, Capacho, Uribia, Colomb, Pamplona, Colo, Santo Domingo, Socops, Baricabern, UREC, Barichara, PUERTO BERRIO, Terepaima, Rusia, Santa Helena, Santa Helena, Norcasia, Macapo, Ciudad Bolivar, Chingaza, Turiamo, Beln, Villavicencio, Santa Ana, Tcata, Ortega, Tolima, Valandovo, Lefkada island, Skopje, Kendrick, SDA, Shkodra, DRAME, Bosilegrad, Barje, KOME, Selso, Sjena, ZAP, Bovan, TEKS.

NEIC 24 23:08:21.1±1.3, 5.198S±0.10:57.15W±0.06, h10km±2km, ML3.8/2, Error ellipse: s-maj=17.2km s-min=3.9km az=17.0, Falkland Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like East Falkland, Puerto William, Cerro Sombrero, Isla Dawson, Isla Riesco, Puerto Natales, Puyuhuapi, Palmer Station, Torquinst, Paso Flores.

ISK 24 23:12:12.8, 37.43N-37.06E, h5km, ML2.7/10, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Nari-Kahraman, Kahramanmarras, Gaziantep, Kozan, SarDiz-Kayseri, Ceyhan, Taitakoprpu-Hat, Kara, Camarandi-Nigde, BNN.

AFAD 24 23:12:15.2, 38.35N-38.90E, h7km±1km, ML1.8, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Elazig, Malatya/Merkez, Elazig, Elazig, Adyaman-Kaht, Nari, Nari, Nari.

ATH 24 23:16:12.7, 40.44N-20.65E, h6km±2km, ML2.5/7, Manual Solution by S. Liakopoulos First location: 2020/01/24 23:17:26, This location: 2020/11/19 03:33 ML

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

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Nestorio, Corca, Corca, Pentalofo, Laimos Florina, Kipourio, Kipourio, Ohrid, Janina, Kozani, Pramanda, Igoumenitsa, Igoumenitsa, Vlor, Vlor, Lefkimi, Lefkimi, Litokhoron, Litokhoron, Valandovo, Valandovo, Lefkada island, Skopje, Kendrick, SDA, Shkodra, DRAME, Bosilegrad, Barje, KOME, Selso, Sjena, ZAP, Bovan, TEKS.

IDC 24 23:17:10.9±6.1, 2.94S:126.70E, h100km±67km, mb3.4/3, mbmp3.9/6, ML4.0/3, Error ellipse: s-maj=53.4km s-min=18.3km az=93.0

ISC 24 23:17:04.5±1.3, 3.05±0.1, 126.4E±0.1, h32km, n6, c064/7, mb3.8/3, Ceram Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Sorong, Fitzroy Crossi, Waramunga Arr, ASAR, Makanchi Array, Kurbb Kurchatov Arr.

FUNV 24 23:18:41.4, 10.52N-62.51W, h12km, MW3.3, Presumed earthquake TRN 24 23:18:42.1, 10.65N-62.51W, h79km, MD3.4, Paria peninsula.

ISC 24 23:18:40.3±2.1, 10.60N±0.09:62.50W±0.07, h101km±24km, n19, c1933/35, 1C-1D, Near coast of Venezuela

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Guralp CMG5TDE, Port of Spain, Trinidad (W), Trinidad (W), Grenada Fort F, Mount Saint Ca, Sisters, Puerto La Cruz, Puerto La Cruz, Belmont, Moule a Chique, Saint Lucia, A, Saint Lucia, B, Bigot, Tcata, CAICARA DEL OR, Beln, Turiamo, Macapo.

NEIC 24 23:24:34.6±1.7, 17.97N±0.03:66.831W±0.007, h10km±1km, ML3.0/35, Md2.5/12(RSPR), Error ellipse: s-maj=5.8km s-min=2.4km az=170.0

s-maj=5.8km s-min=2.4km az=170.0 RSPR 24 23:24:34.2, 17.97N:66.82W, h17km, MD2.5/12 SDD 24 23:24:35.2±1.9, 18.01N:66.80W, h12km, 58km, MD3.5, ML2.7, MW3.2, Presumed earthquake

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Guanica, Bosqu, Obispo Ponce, Obispo Ponce, Magueyes Islan, Cabo Rojo, PR, Cabo Rojo, PR, Cabo Rojo, PR, Las Mesas, Las Mesas, Puerto Rico Se, Puerto Rico Se, Experimental S, Esperanza - Ma, Esperanza - Ma, Agudilla, PR, Agudilla, PR, Agudilla, PR, Isla Desecheo, Isla Desecheo, Patillas Dam, Patillas Dam, Guaynabo City, Guaynabo City, Col San Antoni, Col San Antoni, Punta Cana, DR, Miches, Loma Pena Alta, Hato Mayor del, Hato Mayor del.

AFAD 24 23:30:17.4, 38.34N-39.08E, h7km±3km, ML3.5 IDC 24 23:30:18.1±1.0, 38.44N:39.05E, h0km, mb3.7/10, mbmp3.6/16, ML3.2/6, MS3.8/2, Error ellipse: s-maj=20.7km s-min=10.4km az=163.0

Table with columns: Call Sign, Frequency, Power, Mode, and Name. Includes stations like TEL3, QUEN, HOYN, HERN, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and Name. Includes stations like SDV, SDV, JROG, SDG, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and Name. Includes stations like W57A, ALPN, HALT, etc.

24d 23h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like KAN08, Q51A, Q52A, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like PKCU, KNB, LONY, etc.

1698

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like PLTB, PLCA, FRB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ARCES ARCES Array B, AKASG Malin Array Be, NRIK Nori'sk, etc.

SJA 24 23:55:49.9.0.6, 29:82Sx67.60W, h124km, 4km, ML3.9, MW3.9
NEIC 24 23:55:50.4.2.5, 29:83Sx01.05:67.63W, h121km, 5km, mb4.2/5, Error ellipse: s-maj=11.7km s-min=7.7km az=99.0

ISC 24 23:55:52.0.7.30:23S:66.95W, h117km, 6km, mb3.6/1, mbmp3.9/4, Error ellipse: s-maj=44.3km s-min=8.3km az=130.0

ISC 24 23:55:50.2.0.6, 29:82Sx03.67:63W, h120km, 6km, n95, c194B/17, mb4.2/3, La Rioja Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CERRO LA CRUZ, AGUA GUANDACOL, AANI Anillico, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AC04 Llanos de Chal, AC06 Los Pederas, AC07 Fray Jorge, etc.

ISC 25 00:16:08.7.1.3, 01:25Sx123.82E, h62km, 14km, mb3.0/1, mbmp3.4/4, MS2.3/1, Error ellipse: s-maj=46.1km s-min=16.6km az=66.0

DJA 25 00:16:09.2.0.4, 01:25Sx12.4E, h41km, 6km, M3.7/12, mb3.9/6, MLV3.6/12

ISC 25 00:16:06.8.0.8, 10:13Sx016:123.86E, h73km, 8km, n18, c214/29, Timor region

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

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

ISK 25 00:28:16.7.38:36N:39.19E, h18km, ML3.0/6 AFAD 25 00:28:17.3.38:47N:39.29E, h7km, 2km, ML3.2

ISC 25 00:28:17.1.0.8, 38:43N:0103:39.26E, h0.03, h17km, 5km, n13, c083/24, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SVRC Sivrice-ELAZID, ELZG Elazig, ELZG Elazig, etc.

HEL 25 00:28:35.4.0.3, 67:78N:20:14E, h0km, ML2.0, Suspected explosion
UPP 25 00:28:36.2.0.0, 67:85N:20:21E, h0km, ML2.5, Suspected explosion

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like ZALV, KURBBS, KURK, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like DR12, HATOM, BANI, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, and other parameters. Includes stations like AKAS, EIL, EIL, etc.

1703

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like RCHY, QARAOU, MATHIATIS, etc.

ISK 25 01:02:34.4, 38.42N, 39.22E, h5km, ML3.9/22
AFAD 25 01:02:35.2, 38.44N, 39.22E, h15km, 1km, ML3.7
IDC 25 01:02:35.9, 0.7, 38.38N, 39.20E, h0km, mb3.7/12

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like SVRC, ELZIG, ELZG, etc.

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Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like NARI, KAHTU, DIYA, etc.

25d 1h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like TOKT, KOZAT, AKDM, etc.

RSRP 25 01:06:53.9, 17.88N, 66.84W, h9km, MD2.7/6
NEIC 25 01:06:53.3, 0.9, 17.85N, 0.03, 66.843W, 0.007,
h10km, 1km, ML2.5/35, MD2.7/6(RSPR), SD, Error ellipse:

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like GBPR, GUANICA, etc.

Table with columns: IDE, GCPR, Guaynabo City, 0.86 57, eS, Sg, 01 07 18.1 -1.3, etc.

Table with columns: BSO1, Boso 1, 0.65 149, P, Pn, 01 34 48.1 -0.5, etc.

Table with columns: TOKT, Tokat, 2.68 320, Pn, Pn, 01 48 58.4 +0.7, etc.

Table with columns: AFAD 25 01:19:43.3, 38:33N:38:77E, h7km, 2km, ML2.3, Turkey, Code, Station Name, etc.

Table with columns: comp=N, 1.7nm, 1.3s, comp=E, 1.5nm, 1.4s, BJO1, Boso 1, etc.

Table with columns: ISK 25 01:56:02.3, 38:25N:38:81E, h7km, ML2.4/9, AFAD 25 01:56:03.8, 38:28N:38:78E, h7km, 3km, ML2.5, etc.

Table with columns: ISK 25 01:20:37.9, 38:47N:39:25E, h5km, ML2.1/10, Turkey, Code, Station Name, etc.

Table with columns: comp=N, 1.7nm, 1.3s, comp=E, 1.5nm, 1.4s, BJO1, Boso 1, etc.

Table with columns: ISK 25 02:13:07.1, 38:44N:39:17E, h5km, ML2.5/11, AFAD 25 02:13:07.7, 38:33N:39:17E, h7km, 2km, ML2.5, etc.

Table with columns: NNC 25 01:30:27.5, 6.4, 44:20N:83:81E, h0km, mb3.0, mpv2.7, SD, Error ellipse: s-maj=64.2km, s-min=30.6km, az=118.0, Northern Xinjiang, Code, Station Name, etc.

Table with columns: comp=N, 1.7nm, 1.3s, comp=E, 1.5nm, 1.4s, BJO1, Boso 1, etc.

Table with columns: ISK 25 02:13:07.1, 38:44N:39:17E, h5km, ML2.5/11, AFAD 25 02:13:07.7, 38:33N:39:17E, h7km, 2km, ML2.5, etc.

Table with columns: SOME 25 01:31:26.4, 43:95N:81:50E, h10km, Northern Xinjiang, Code, Station Name, etc.

Table with columns: comp=N, 1.7nm, 1.3s, comp=E, 1.5nm, 1.4s, BJO1, Boso 1, etc.

Table with columns: ISK 25 02:13:07.1, 38:44N:39:17E, h5km, ML2.5/11, AFAD 25 02:13:07.7, 38:33N:39:17E, h7km, 2km, ML2.5, etc.

Table with columns: IDC 25 01:32:52.7, 2.2, 2.63S:139:05E, h0km, mb3.5/2, mbtm3.7/3, ML3.7/1, Error ellipse: s-maj=225.1km, s-min=31.7km, az=107.0, Near north coast of Iran Jaya, Code, Station Name, etc.

Table with columns: comp=N, 1.7nm, 1.3s, comp=E, 1.5nm, 1.4s, BJO1, Boso 1, etc.

Table with columns: ISK 25 02:13:07.1, 38:44N:39:17E, h5km, ML2.5/11, AFAD 25 02:13:07.7, 38:33N:39:17E, h7km, 2km, ML2.5, etc.

Table with columns: NIED 25 01:34:34.6, 35:27N:140:64E, h58km, MW4.0, Moment Tensor Solution. s3, Moment tensor: Scale 10^19Nm, M0:0.20; M10:0.11; M20:0.31; M30:0.04; M40:0.97; M50:0.73; Fault plane solution: Mo1.23000x10^15 NP1: 0.264.00000; S53.00000; L175.00000. NP2: 0.357.00000; S86.00000; L37.00000, Code, Station Name, etc.

Table with columns: comp=N, 1.7nm, 1.3s, comp=E, 1.5nm, 1.4s, BJO1, Boso 1, etc.

Table with columns: ISK 25 02:13:07.1, 38:44N:39:17E, h5km, ML2.5/11, AFAD 25 02:13:07.7, 38:33N:39:17E, h7km, 2km, ML2.5, etc.

Table with columns: Honshu, Code, Station Name, etc.

Table with columns: comp=N, 1.7nm, 1.3s, comp=E, 1.5nm, 1.4s, BJO1, Boso 1, etc.

Table with columns: ISK 25 02:18:28.0, 38:50N:39:16E, h8km, ML1.5/5, Turkey, Code, Station Name, etc.

Table with columns: YEDI, SVAN, SVAN, YEDI, SVAN, SVAN. Values include station names and coordinates.

AFAD 25 02:21:33.3, 39.02N;27.83E, h5km, 2km, MW3.6
ISK 25 02:21:33.1, 39.03N;27.84E, h7km, ML3.4/29
The 25 02:21:35.5, 39.2N;27.8E, h18km, 16km, M3.1/13, MLh3.7/13

ISC 25 02:21:33.7, 0.8, 39.02N;0.02, 27.84E; 0.02, h11km, 6km, n111, c0672/134, 11C-2Z, Turkey

Main table for station data on page 1705. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like AKHS, AKS, SOMA, GORD, etc.

IDC 25 02:31:51.3, 1.2, 13.18N;125.41E, h0km, mb3.8/8, mbmt3.8/8, MS4.4/1, Error ellipse: s-maj=63.4km s-min=16.7km az=63.0

NEIC 25 02:31:57.5, 1.3, 13.1N;0.2;125.2E;0.3, h35km, 2km, mb4.6/5, Error ellipse: s-maj=61.1km s-min=4.4km az=63.0

ISC 25 02:31:55.0, 0.9, 13.2N;0.2;125.3E;0.3, h28km, n25, c082/13, mb4.0/11, Philippine Islands region

Main table for station data on page 2020 JAN. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like KSAR, CMAR, WRA, ASAR, etc.

IDC 25 02:43:27.1, 4.0, 4.92S;152.19E, h0km, mb3.3/2, mbmt3.3/2, Error ellipse: s-maj=164.1km s-min=53.0km az=120.0, New Britain region

Main table for station data on page 2020 JAN (continued). Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like WRA, ASAR, TORD, etc.

Table for station data on page 25d 3h. Columns: CNRM, TECA, PKGN, PFCO, etc. Lists various stations and their coordinates.

IDC 25 03:03:33.4, 0.4, 35.04N; 116.95W, h0km, mb4.6/28, mbmt4.5/34, ML4.0/5, MS3.8/43, Error ellipse: s-maj=10.6km s-min=5.5km az=72.0

NEIC 25 03:03:34.3, 1.9, 35.08N;0.03;116.96W;0.04, h7km, 3km, mb4.7/207, ML5.0/190, Mw4.6/178, Mw4.6/6(PAS), Error ellipse: s-maj=5.9km s-min=2.1km az=53.0, Moment Tensor Solution. Moment tensor: Scale 10^15 Nm; Mr=7.0; Ms=7.95; Mss=0.14; Mss0.49; Mss0.41; Mr-0.65; Fault plane solution: Ms=8.8000x10^15 NP1: 0.288, 39000, 842, 83000, 7.95, 33000. NP2: 0.116, 23000, 847, 44000, 7.95, 33000. Principal axes: T 7.8620, P1g85.0000, Azm82.0000, N 1.7657, P1g4.0000, Azm293.0000, P -0.6277, P1g2.0000, Azm202.0000, PAS 03:03:34.9, 1.8, 35.10N;0.01;116.97W;0.02, h3km, 3km Error ellipse: s-maj=2.1km s-min=2.0km az=218.0

NEIC 25 03:03:34.5, 35.09N;116.94W, h0km ISC 25 03:03:35.1, 0.9, 35.09N;0.02;116.97W;0.02, h10km, 5km, n512, c089/400, mb4.7/92, MS3.9/38, 6D, Central California

Main table for station data on page 25d 3h. Columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like SVRC, SVRC, ELZ, ELZ, etc.

25d 3h

2020 JAN

1706

Table with columns for station code, name, frequency, power, and status. Includes stations like Cottonwood Cre, Wildcat Mounta, Iron Mountain, Borrego Spring, etc.

Table with columns for YBH, call letters, frequency, power, and status. Includes stations like ANMO Albuquerque, ANMO, ANMO, ANMO, etc.

Table with columns for call letters, name, frequency, power, and status. Includes stations like SWET Seawnee, KOTAN Kotanelee Air, O48B, W50A Signal Mountai, Q32M Nakina River, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like I28M Miner Creek, RC01 Rabbit Creek A, RIDG Independent Ri, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like J20K Nowinta River, E25K Arctic Village, O15K Unkhihtuk R, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like D19K Kuna River, D19K Kuna River, E18K Tukpahleark C, etc.

25 3h

Table with columns: BRG, Station Name, Time, Res, ISC, Phase ID, Time Res, ISC. Includes stations like Bergjesshubel, Davos/Dischmat, GERESS Array B, etc.

Table with columns: AFAD 25 03:03:55.8, 39.00N-27.86E, h7km, 3km, ML1.0, Turkey. Includes stations like Akhisar, KTTT, STEP, etc.

Table with columns: ISK 25 03:04:32.1, 39.03N-27.86E, h5km, ML1.5/7, Turkey. Includes stations like AKS, SOMA, GORD, etc.

Table with columns: ISK 25 03:05:09.8, 0.3, 38.36N-0.03, 39.13E, 0.03, h12km, 6km, n1, 1, f134/32, mb3.4/3, Turkey. Includes stations like SVRC, ELZG, etc.

2020 JAN

Table with columns: KMRS, Station Name, Time, Res, ISC, Phase ID, Time Res, ISC. Includes stations like Kartaramanaras, VRTB, SARI, etc.

Table with columns: MEX 25 03:24:29.9, 0.5, 27.91N-111.99W, h13km, 12km. Includes stations like Santa Rosalia, San Francisco, Bahia Kino, etc.

Table with columns: MEX 25 03:26:34.4, 0.6, 13.82N-93.05W, h15km, 147km, MD3.9, Presumed earthquake, Off coast of Chiapas. Includes stations like El Naranjo, Sorong, etc.

Table with columns: IDC 25 03:26:58.5, 2.7, 6.45S-130.07E, h144km, 34km, mb3.1/1, mbmp3.9/5, MS3.4/1, Error ellipse: s-maj=62.3km. Includes stations like SUI, FITZ, etc.

Table with columns: IDC 25 03:30:55.7, 1.8, 0.25S-121.73E, h286km, 16km, mb3.2/8, mbmp3.8/10, Error ellipse: s-maj=33.2km s-min=12.4km. Includes stations like MRSI, MWLI, etc.

Table with columns: IDC 25 03:30:56.0, 3.0, 0.2, 12.2E, h255km, 3km, M4.2/20, mb5.5/1, mb4.2/13.4, 1.20, Mw(MB) 4.9/1. Includes stations like KSI, KSI, etc.

1708

Table with columns: BSSI, Station Name, Time, Res, ISC, Phase ID, Time Res, ISC. Includes stations like Bau Bau, Buton, AAI, etc.

Table with columns: ARMA, Station Name, Time, Res, ISC, Phase ID, Time Res, ISC. Includes stations like Armidale, Canberra, etc.

Table with columns: IDC 25 03:46:07.4, 4.0, 24.04S-180.00E, h487km, 52km, mb3.1/5, mbmp4.1/7, Error ellipse: s-maj=40.5km s-min=21.4km. Includes stations like VANDA, ILAR, etc.

Table with columns: IDC 25 03:46:09.4, 1.2, 24.1S-179.78W, 0.06, h506km, 12km, mb4.4/4, Error ellipse: s-maj=24.3km s-min=8.2km. Includes stations like VANDA, ILAR, etc.

Table with columns: IDC 25 03:46:09.6, 0.7, 24.08S-179.78W, 0.1, h518km, n30, f104/30, mb3.6/7, South of Fiji Islands. Includes stations like LKBA, MSVF, etc.

Table with columns: IDC 25 03:59:09.8, 0.3, 38.36N-0.03, 39.13E, 0.03, h12km, 6km, n1, 1, f134/32, mb3.4/3, Turkey. Includes stations like SVRC, ELZG, etc.

25d 5h

Table with columns: Code, Station Name, Az, Az', Time, Res, ISC, h m s ISC. Includes stations like AKCD Akcadag, DYBB Diyarbakir, HEKM Malatya_Hekimh, etc.

IDC 25 04:56:02.1±0.5, 15.69N; 119.25E, h0km, mb4.3/29, mbtmp3.3/31, ML4.7/1, MS3.4/22, Error ellipse: s-maj=19.9km s-min=11.5km az=64.0, BUJ 25 04:56:03.9, 15.73N; 119.27E, h11km, mb4.9/10, mb4.3/45, M4-4/14, M57 4.0/9, NEIC 25 04:56:05.2±1.8, 15.70N; 0.05; 119.21E; 0.10, h10km, 1km, mb4.8/101, Error ellipse: s-maj=15.9km s-min=8.0km az=82.0, ISC 25 04:56:06.5±0.9, 15.67N; 0.06; 119.20E; 0.07, h25km, 5km, n145, r120/96, mb4.7/86, MS3.4/24, 1C-2D, Luzon

Table with columns: Code, Station Name, Az, Az', Time, Res, ISC, h m s ISC. Includes stations like TGY Tagaytay City, TWG Pinlang, YULB Yu-li, etc.

2020 JAN

Table with columns: Code, Station Name, Az, Az', Time, Res, ISC, h m s ISC. Includes stations like PSI Prapat, RPSI Rantau Prapat, RJCJ Chichijima, etc.

1710

Table with columns: Code, Station Name, Az, Az', Time, Res, ISC, h m s ISC. Includes stations like C18K Utukok River, H17K Ganigite Mouta, G18K Tagagawik, etc.

IDC 25 05:08:11.1±7.3, 5.80S; 149.85E, h125km, 47km, mb2.9/3, mbtmp3.3/4, Error ellipse: s-maj=117.7km s-min=42.2km az=107.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Time, Res, ISC, h m s ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 25 05:17:12±4.9, 8.9±0.2S; 116.03E, h78km, 86km, mb3.3/4, mbtmp3.7/6, ML4.0/3, Error ellipse: s-maj=120.0km s-min=24.7km az=68.0

DJA 25 05:17:21.1-0.3,9'S,4°11'7E, h122km,4km, M4,2/24, mB5.5/1, mb4.2/8, MLv4.2/24, Mw(mB)5.0/1

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, h m s ISC. Includes stations like TWSI Taliwang, Sumb, KUNI Mataram, PLAI Plampang, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, h m s ISC. Includes stations like KHKI Kahang-Kahang, DBNI Kabupaten Domp, DNP Denpasar, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, h m s ISC. Includes stations like KAPI Kappang, BKSI Bulukumba, EDFI Ende, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, h m s ISC. Includes stations like SOEI Soe, KPJI Karang Pucung, BBJJ Bungbulang, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, h m s ISC. Includes stations like ASAR Alice Springs, SONMI Songino Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, h m s ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, h m s ISC. Includes stations like KURBB Kurchatov Arra, NEIC 25 05:18:20.3-1.5, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, h m s ISC. Includes stations like RSPR 25 05:18:21.2, SDD 25 05:18:21.1-0.5, etc.

Table with columns: PRSN, Station Name, Δ° AZZ, Phase ID, Time Res, h m s ISC. Includes stations like PRSN Puerto Rico Se, AGPR Aguadilla, AGPR Aguadilla, etc.

Table with columns: PRSN, Station Name, Δ° AZZ, Phase ID, Time Res, h m s ISC. Includes stations like AGPR Aguadilla, ECPR Experimental S, ECPR Experimental S, etc.

Table with columns: PRSN, Station Name, Δ° AZZ, Phase ID, Time Res, h m s ISC. Includes stations like HUMP Col San Antoni, HUMP Col San Antoni, HUMP Col San Antoni, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, h m s ISC. Includes stations like MK31 Makanchi Array, MAKZ Makanchi, ZSN Zaisan, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, h m s ISC. Includes stations like PDGK Podgornoye, BLB Baldybastay, BLB Baldybastay, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, h m s ISC. Includes stations like KPKS Kokpek, UZB Uzunbulak, UZB Uzunbulak, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, h m s ISC. Includes stations like SATY Saty, KURBB Kurchatov Arra, KURK Kurchatov, etc.

Table with columns: H11S3 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, MKAR Makanchi Array, KURBB Kurchatov Arra, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 25 05:27:37.7-1.1, 1°38'S, 120°58'E, h0km, mb3.3/5, mbmp3.6/6, ML3.9/2, MS2.9/2, Error ellipse: s-maj=66.0km

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, h m s ISC. Includes stations like PCI Palau, APSI Ampaña, TTSI Tana Toraja, MMSI Mamuju, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, h m s ISC. Includes stations like MMSI Mapaga, MMSI Majene, SPSI Sidrap Palu, LUWI Luwuk, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, h m s ISC. Includes stations like KAPI Kappang, BKSI Bulukumba, NLAI Namlea, KMMI Kallangnet, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, h m s ISC. Includes stations like BATI Baunata, WRA Warramunga Arr, ASAR Alice Springs, SONMI Songino Array, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, h m s ISC. Includes stations like MKAR Makanchi Array, KURBB Kurchatov Arra, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time Res, h m s ISC. Includes stations like ELZG Elazig, ELZG Elazig, ELZG Elazig, etc.

SOME 25 05:24:00.6, 45°75'N, 83°65'E, h10km

INC 25 05:24:08.1-3.2, 45°39'N, 83°29'E, h0km, mb2.9, mpv2.8, Error ellipse: s-maj=26.3km s-min=1.0km az=91.0

ISC 25 05:24:02.4-1.2, 45°36'N, 83°29'E, h0km, mb3.0, n13, c±25/16, 4C-4D, Northern Xinjiang

JMA 25 05:26:52.2-0.2, 35°8'N, 0°6'139.9'E, h94km, 1km, MV2.9/35, NORTHERN CHIBA PREF

IDC 25 05:26:53.3-3.9, 35°68'N, 139°69'E, h106km, 18km, mb3/0.5, mbmp3.4/7, Error ellipse: s-maj=81.9km s-min=8.6km az=64.0

ISC 25 05:26:52.1-0.3, 35°79'N, 0°5'139.9'E, h101km, 7km, n29, c±91/33, mb3.2/5, Near south coast of eastern Honshu

ISK 25 05:29:19.8, 38°50'N, 39°11'E, h5km, ML2.4/10, AFAD 25 05:29:21.7, 38°49'N, 39°19'E, h7km, 1km, ML2.9

ISC 25 05:29:21.4-0.9, 38°50'N, 39°15'E, h14km, 6km, n16, c±90/22, Turkey

ISK 25 05:32:05.7, 38°42'N, 39°20'E, h10km, ML2.1/6, AFAD 25 05:32:06.7, 38°45'N, 39°35'E, h7km, 2km, ML2.5

ISC 25 05:32:05.6-0.9, 38°44'N, 0°4'39.33'E, h16km, 6km, n11, c±72/20, Turkey

IDC 25 05:36:16.7-1.3, 16°02'N, 120°22'E, h0km, mb3.6/5, mbmp3.6/5, Error ellipse: s-maj=62.6km s-min=20.9km az=61.0, Luzon

25d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, SONMI Songino Array, WRA Warramunga Arr, ASAR Alice Springs, KURBB Kurchatov Arra.

ISK 25 05:41:32.8, 39:00N, 27.86E, h10km, 1km, ML3.5/25
AFAD 25 05:41:33.3, 38:99N, 27.87E, h7km, 2km, ML3.4
THE 25 05:41:34.0, 39:12N, 27.8E, h11km, 12km, M3.1/10, MLh3.1/10

Main station list table for 25d 6h. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKHS Akhisar, GORD Gordes-Manisa, SOMA Soma-Manisa, ZEDA ZEDA, etc.

ISC 25 05:42:25.4, 38:17N, 20.44E, h0km, mb3.7km, mbmp3.5/9, ML3.2/2. Error ellipse: s-maj=41.1km, s-min=19.8km az=38.0
ATH 25 05:42:24.9, 38:10N, 20:32E, h13km, 1km, ML3.1/9, Manual Solution by S.Koutrakis First location: 2020/01/25 05:43:23, This location: 2020/01/25 07:33:19 ML

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LXR1 Lixouri, ARG2 Argostoli, DMLN Damouliana-K, VLS Valsamata.

2020 JAN

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VLS Valsamata, RTZL Ratzakli, ORTH Orthonies, KYPSS Kipseli, etc.

AFAD 25 05:49:48.7, 38:50N-39:35E, h7km, 4km, ML2.2, Turkey
Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ELZ Elazig, MDNT Maden, KVA Elazig, etc.

ISK 25 05:50:40.7, 38:41N-39:17E, h19km, ML1.7/9, Turkey
Code Station Name Azimuth Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SVRC Sivrice-ELAZIG, DYBB Diyarbakir, KAHTU Kahta, etc.

IDC 25 06:07:33.8, 0.6, 38:34N:39:06E, h0km, mb3.9/17, mbmp3.9/29, ML3.6/10, MS3.4/25, Error ellipse: s-maj=11.3km s-min=7.5km az=162.0
AFAD 25 06:07:33.4, 38:39N:39:04E, h16km, MW4.2
NEIC 25 06:07:34.3, 1.5, 38:31N:0:43:39.13E:0.0, h4km, 6km, mb4.4/16, Error ellipse: s-maj=5.9km s-min=5.0km az=107.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SVRC Sivrice-ELAZIG, ELZG Elazig, etc.

1712

Main station list table for 1712. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ELZG Elazig, MDNT Maden, NARI Adyaman-Kaht, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MDRB, BORA, MAK, EIL, RDO, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KEST, KK31, KK31, KK31, etc.

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

ADC 25 06:13:34.0±0.9, 40.55±0.05; 174.51E±0.05, h81km, 7km, mb3.5/11, Mw4.1/15, Error ellipse: s-maj=8.1km s-min=4.8km az=160.0, Moment Tensor: Scale 10^15Nm, M=0.17, Mo=0.82, Mw=0.17, Mw=0.93; Fault plane solution: M1: 8.2000x10^15 N P1: 315.89000; 884.56000; 1.44.91000; NP2: 32.2000x10^15 N P2: 315.89000; 884.56000; 1.44.91000; Principal axes: T: 1.6947, P: 1.7235000; N: -2.4550, N: 0.2342, P: 1.6545000; Azm: 321.0000; Azm: 321.0000; P: -1.9289, P: 25.0000; Azm: 80.0000

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KEST, KK31, KK31, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like Takapari Road, Takaka Hill, Dannevirke, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like Wakanui South, Waiheke Island, Motutapu North, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like MOE, Castro Verde, Barranco-do-Ve, etc.

25d 8h

Table with columns: Station Name, Time, Res, P, Pn, 08 03 06.8 +1.3, etc. Includes stations like Santo Domingo, Mount Denham, CCCC, OCAC, PAMC, BRJC, UREC, RUSC, PTBC, APAC, SPBC, DBBC, CHIC, ROSC, CBCC, VILC, PRAC, ORTC, URMC, BOAY, BOAC, SIUN, SGC2, POPC, 656A, MDP, JTS, JTS7A, TEIG, TS7A, R58B, V53A, TKL, O54A, L59A, N53A, J61A, I62A, SADO, LPAZ, TXAR, TXAR, TXAR, SCHO, SCHO, BDFB, ANMO, ULM, ULM, PDAR, PDAR, CPUP, CPUP, ELK, NVAR, NVAR, YKA, MDT, ESDC, ESDC, PLCA, RES, EKA, DBIC, TOR, ILAR, ARCES, FINES, BRTR.

2020 JAN

Table with columns: Station Name, Time, Res, P, Pn, 08 03 06.8 +1.3, etc. Includes stations like TIKI, HHC, NJ2, PZH, ASAR, ISK 25 08:02:34.4, 38:30N-38:81E, h4km, ML3.6/37, AFAD 25 08:02:35.4, 38:32N-38:81E, h14km, 1km, MW3.7, Code, Station Name, Δ° AZ', Phase ID, Time Res, ISC, h m s ISC.

1718

Table with columns: Station Name, Time, Res, P, Pn, 08 07 33.5 -0.1, etc. Includes stations like ARTI, FINES, KURBS, MKAR, ESDC, SONM, SHEM, JMA 25 08:10:59.1, 0.7, 44°N, 3°14'8"E, h0km, MV3.6/15, SE OFF ETOROFU, SKHL 25 08:10:59.5, 0.1, 44°30'N-148°60'E, h46km, 3km, mb4.6/5, Code, Station Name, Δ° 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 PIC2, BOQS, MOMM, JAYA, etc.

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

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

ISK 25 08:21:14.0, 38°26'N, 38°79'E, h5km, ML3.9/36
NEIC 25 08:21:15.1, 1.7, 38°23'N, 0.04-38°73'E, 0.05, h10km, 1km, mb4.2/7, Error ellipse: s-maj=7.9km s-min=5.2km az=235.0

AFAD 25 08:21:15.1, 38°24'N, 38°76'E, h7km, 3km, MW3.8
IDC 25 08:21:16.3, 0.9, 38°27'N, 38°64'E, h0km, mb3.8/8, mbmp3.8/17, ML3.2/7, MS3.1/7, Error ellipse: s-maj=14.8km s-min=10.1km az=137.0

ISC 25 08:21:15.8, 1.0, 38°23'N, 0.02-38°77'E, 0.02, h10km, 7km, n106, r155/125, mb3.8/8, Turkey

ISK 25 08:24:43.4, 39°00'N, 27°85'E, h9km, ML3.6/24
THE 25 08:24:45.2, 39°N, 27°8E, h12km, 14km, M3.2/11, ML3.2/11

AFAD 25 08:24:46.0, 38°98'N, 27°96'E, h18km, 2km, ML3.3
ISC 25 08:24:43.9, 0.9, 39°00'N, 0.02-27°84'E, 0.02, h10km, 7km, n64, r102/95, 9C-60, Turkey

25d 8h

Table with 4 columns: Station Name, Time, Res, and other parameters. Includes stations like MDVR, GZR, TESR.

FUNV 25 08:31:33.4, 9:50N:0:04:73:20W, h141km, MW3.0, Presumed earthquake
RSNC 25 08:31:34.2, 0.0, 10'N:1'x7'3W:1', h130km, 2km, M2.1, ML1.9

ISC 25 08:31:31.8, 1.5, 9:52N:0:04:73:20W, h141km, MW3.0, n24, c134/47, Northern Colombia

Main table for station data under the 25d 8h header. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC.

NEIC 25 08:39:05.5, 1.0, 17:79N:0:03:66:97W, h10km, 1km, ML2.8/35, Md2.8/10(RSPR), Error ellipse: s-maj=5.5km s-min=2.7km az=24.0

RSRP 25 08:39:07.5, 17:93N:66:95W, h5km, MD2.8/10
SDD 25 08:39:09.0, 1.2, 17:93N:67:09W, h14km, 6km, MD3.5, ML2.4, MW3.0, Presumed earthquake

ISC 25 08:39:05.6, 1.2, 17:85N:0:06:66:98W, h18km, 3km, n37, c059/52, 18C-3D, Puerto Rico region

Main table for station data under the 25d 8h header, continuing from the previous table.

2020 JAN

Station list for 2020 JAN including GII, TIF, MOS, ISK, AFAD, MED, etc. with coordinates and magnitudes.

Main table for station data under the 2020 JAN header. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC.

1720

Main table for station data under the 1720 header. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res, and ISC.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KZIT, PRNI, HRFI, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CKRC, KBA, GERES, KIRV, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MAKZ, MK31, MKAR, etc.

NEIC 25 08:45:42.5-1.0, 17.88N, 0.02-66.94W, 0.01, h13km, 2km, ML3.0/3.0/MD3.0/6(RSPR), Error ellipse: s-maj=2.5km

SDD 25 08:45:43.7-2.2, 17.89N-66.98W, h12km, 26km, MD3.1, ML2.7, MVV3.2, Presumed earthquake

RSPR 25 08:45:43.0-1.0, 17.90N-66.96W, h7km, MD3.0/6

ISC 25 08:45:42.5-1.0, 17.89N, 0.06-66.95W, 0.02, h13km, 5km, n39, c057/56, 9C-8D, Puerto Rico region

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AGPR, AGPR, comp=N,724nm,0.5s, AGPR Aguadilla, PR, ECPR Experimental S, etc.

AFAD 25 08:59:48.7,38.40N,38.99E,h7km,4km,ML2.6
ISK 25 08:59:48.9,38.28N,39.12E,h5km,ML2.8/1.0
ISC 25 08:59:49.0,1.2,38.36N,0.003,39.06E,0.03,h4km,10km,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SVRC Sivrice-ELAZID, MDNT Maden, NARI Adyaman-Kaht, etc.

ISK 25 09:12:11.3,38.26N,38.79E,h5km,ML3.5/3.4
IDC 25 09:12:12.7,1.3,38.11N,38.71E,h0km,mb3.6/3.
mbmp3.5/ML3.4/2,MS3.2/3, Error ellipse: s-maj=23.5km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MAYA Malatya/Merkez, ELZG Elazig, NARI Adyaman-Kaht, etc.

Main table with columns: HEKM, Malatya_Hekimh, 0.91 315, P, Pg, Sg, etc. Includes stations like HEKM Malatya_Hekimh, ARPR Arapgir-MALATY, KOVA Elazig, Kovanc, etc.

Table with columns: BOO2, comp=Z,1.2nm,1.3s, Iamb, Iamb, 0.921 04.6, etc. Includes stations like BOO2, GO05 Hualane, B105 Punta Hualpn, etc.

GCG 25 09:26:26.6,1.3,15.00N,93.11W,h36km,938km,MD3.9,
Presumed earthquake
MEX 25 09:26:26.3,0.5,14.86N,93.27W,h45km,23km,MD3.8
ISC 25 09:26:21.4,1.6,14.70N,0.08-93.33W,0.05,h50km,n16,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PCIG, PCIG, 1.01 6, Op, etc.

EIL	comp=Z,0.7nm,0.3s,baz=60,slow=20,SNR=2.2	LR	LR	10 21 02.6
EIL	comp=Z,5.15nm,19.4s,baz=105,slow=40	LR	LR	10 21 02.6
EIL	comp=Z,1.3nm,0.9s	LR	LR	10 21 02.6
Eilat	9.15 201	P	Pn	10 17 13.5 +2.3
KARP	Karpathos	9.70 257	Pn	10 17 18.1 -0.6
EZN	Ezine	9.81 283	P	10 17 22.0 +1.8
RDO	Rodhopi	10.60 290	Pn	10 17 30.9 -0.1
ISR	Istria	11.42 311	Pn	10 17 45.0 +2.8
IDI	Anoyia	11.53 259	Pn	10 17 43.5 -0.4
IDI	comp=Z,8.8nm,0.7s,baz=84,slow=8.7,SNR=8.5	LR	LR	10 17 43.5 -0.4
IDI	comp=Z,2.27nm,20.3s,baz=85,slow=43	LR	LR	10 23 13.6
IDI	Anoyia	11.53 259	Pn	10 17 42.7 -1.2
VRI	Vrincioiaia	11.73 314	P	10 17 49.1 +2.6
MLR	Muntele Rosu	11.97 311	Pn	10 17 51.1 +1.2
MLR	comp=Z,0.4nm,0.3s,baz=125,slow=13,SNR=3.9	LR	LR	10 23 29.5
MLR	comp=Z,6.14nm,20.6s,baz=104,slow=43	LR	LR	10 23 29.5
MLR	Muntele Rosu	11.97 311	Pn	10 17 49.5 -0.4
MLR	Muntele Rosu	11.97 311	Pn	10 17 52.4 +2.5
SORM	Soroca	12.44 326	P	10 17 56.6 +0.5
VORD	Vinogorie	12.70 1	eP	10 18 11.5 +1.2
VSR	Storozevoje	12.95 1	eP	10 18 13.4
VRH	Novokhoporski	13.10 8	eP	10 18 15.6 +0.1
VRH	comp=Z,10.0nm,0.8s	LR	LR	10 18 15.6 +0.1
VORR	Voronetz	13.40 1	eP	10 18 16.7 -2.3
BUAR	Bucovina Array	13.62 318	Pn	10 18 12.0 -0.3
BUAR	Bucovina Array	13.62 318	P	10 18 12.9 +0.6
BUR08	Bucovina Ar. S	13.64 318	Pn	10 18 12.8 +0.1
AK07	Malin Array Si	14.04 334	P	10 18 19.4 +1.5
AK10	Malin Array Si	14.06 334	P	10 18 19.5 +1.2
LUBAR	Lubar, Ukraine	14.06 329	P	10 18 19.4 +1.1
AK09	Malin Array Si	14.09 334	P	10 18 19.4 +0.6
AK06	Malin Array Si	14.07 334	P	10 18 19.5 +1.1
AK08	Malin Array Si	14.09 334	P	10 18 19.3 +0.6
AK05	Malin Array Si	14.10 334	P	10 18 19.4 +0.7
HORU	Horodok	14.10 325	P	10 18 19.5 +0.7
AK02	Malin Array Si	14.13 334	P	10 18 19.8 +0.6
AK12	Malin Array Si	14.13 334	P	10 18 19.4 +0.6
AK14	Malin Array Si	14.14 334	P	10 18 20.2 +0.9
KSV	Kosov	14.14 320	P	10 18 21.0 +1.6
AK01	Malin Array Si	14.15 334	P	10 18 19.9 +0.4
AK11	Malin Array Si	14.16 334	Pn	10 18 19.9 +0.3
AKASG	comp=Z,0.4nm,0.3s,baz=151,slow=13,SNR=13	LR	LR	10 18 19.5 -0.1
AKASG	comp=Z,1.62nm,19.0s,baz=146,slow=44	LR	LR	10 25 19.2
AKASG	comp=Z,4.4nm,0.9s	LR	LR	10 25 19.2
AKASG	Malin Array B	14.16 334	iP	10 18 20.5 +0.9
AKASG	comp=Z,5.0nm,0.9s	LR	LR	10 18 20.5 +0.9
AKKB	Malin Array Si	14.16 334	Pn	10 18 18.9 -0.7
AKKB	Malin Array Si	14.16 334	eP	10 18 18.7 -0.9
AKKB	comp=Z,24nm,1.1s	LR	LR	10 18 18.9 -0.7
AKKB	Malin Array Si	14.16 334	P	10 18 19.9 +0.3
KIEV	Kiev	14.16 334	P	10 18 19.1 -0.5
KIEV	Kiev	14.16 334	P	10 18 19.1 -0.5
KIEV	Kiev	14.16 334	Pn	10 18 19.9 +0.3
AK16	Malin Array Si	14.17 334	P	10 18 19.9 +0.1
AK03	Malin Array Si	14.18 334	P	10 18 20.3 +0.4
LPSR	Galich ya Gora	14.33 0	eP	10 18 27.6 -1.7
LPSR	comp=Z,50nm,1.0s	LR	LR	10 18 27.6 -1.7
BZS	Buzias	14.71 305	P	10 18 28.9 +1.7
BZS	comp=Z,6.0nm,1.6s	LR	LR	10 18 28.9 +1.7
BELG	Belogorye	15.41 21	Pn	10 18 36.5 +0.1
BELG	comp=Z,1.3nm,0.3s,baz=180,slow=15,SNR=3.9	LR	LR	10 18 36.5 +0.1
BELG	Belogorye	15.41 21	eP	10 18 35.6 -0.9
RAYN	Ar Rayn	15.79 157	Pn	10 18 40.6 -1.1
RAYN	Ar Rayn	15.79 157	P	10 18 40.6 -1.1
RAYN	comp=Z,2.0nm,0.7s	LR	LR	10 18 40.6 -1.1
RNP25	Staryi Chortor	15.83 329	P	10 18 41.9 -0.1
RNP25	Varash	15.93 329	P	10 18 41.2 +2.0
RNP29	Sopachiv	15.97 329	P	10 18 45.8 +2.0
KECS	Kecevo	16.72 313	eP	10 18 59.3 +3.4
KECS	comp=Z,27nm,1.4s	LR	LR	10 18 59.3 +3.4
KECS	Kecevo	16.72 313	eP	10 18 59.2 +3.4
PSZ	Piszkesteto	16.79 311	P	10 18 54.0 -0.4
PSZ	Piszkesteto	16.79 311	P	10 18 54.0 -0.4
PSZ	comp=Z,22nm,1.2s	LR	LR	10 18 54.0 -0.4
OBN	Obninsk	16.91 356	LR	10 27 36.0
OBN	comp=Z,15nm,18.9s,baz=40,slow=45	LR	LR	10 27 36.0
OBN	Obninsk	16.91 356	eP	10 18 55.2 -0.6
OBN	comp=Z,7.0nm,0.9s	LR	LR	10 18 55.2 -0.6
OBN	comp=Z,4.15nm,6.0s	MLR	MLR	10 18 55.2 -0.6
NIE	Niedzica	17.32 316	P	10 19 06.0 +3.5
MOS	Moscow	17.49 358	eP	10 19 01.3 -1.7
MOS	comp=Z,36nm,1.1s	LR	LR	10 19 01.3 -1.7
LANS	Liptovska Anna	17.64 314	eP	10 19 07.3 +1.2
LANS	comp=Z,10.0nm,1.7s	LR	LR	10 19 07.3 +1.2
LANS	Liptovska Anna	17.64 314	iP	10 19 07.3 +1.2
MINK	Minsk	17.85 339	iP	10 19 07.7 +0.2
MINK	comp=E,10.0nm,0.7s	LR	LR	10 19 07.7 +0.2
MINK	comp=N,22nm,1.0s	LR	LR	10 19 07.7 +0.2
MINK	comp=Z,11nm,0.9s,baz=150	LR	LR	10 19 07.7 +0.2
MINK	iPPP	Pn	Pn	10 19 19.9 +1.8
MINK	iPPP	P	P	10 19 27.0
MINK	iS	Sn	Sn	10 22 26.5 +1.9
MINK	iSS	Ss	Ss	10 22 42.3 +0.4
MINK	iLO	LO	LO	10 24 43.7
MINK	iLR	LR	LR	10 25 47.2
MINK	iLRM	MLR	MLR	10 27 38.5
MINK	comp=E,922nm,20.4s	LR	LR	10 27 43.5
MINK	comp=N,674nm,19.2s	LR	LR	10 27 44.6
MINK	comp=Z,198nm,17.9s	LR	LR	10 27 44.6
MINK	Minsk	17.85 339	iP	10 19 07.7 +0.2
MINK	comp=N,22nm,1.0s	LR	LR	10 19 07.7 +0.2
MINK	comp=E,10.0nm,0.7s	LR	LR	10 19 07.7 +0.2
MINK	comp=Z,11nm,0.9s	LR	LR	10 19 07.7 +0.2
MINK	comp=E,922nm,20.0s	LR	LR	10 19 07.7 +0.2
MINK	comp=N,674nm,19.0s	LR	LR	10 19 07.7 +0.2
MINK	comp=Z,198nm,18.0s	LR	LR	10 19 07.7 +0.2
CUC	Castruccio	17.89 283	Pn	10 19 07.2 -1.0
CEL	Celeste	17.97 277	Pn	10 19 08.2 -0.9
OJC	Ojcow	18.04 318	P	10 19 09.2 -0.7
OJC	Ojcow	18.04 318	P	10 19 09.2 -0.7
OJC	Ojcow	18.04 318	P	10 19 11.2 +0.8
OJC	Ojcow	18.04 318	P	10 19 12.5 +2.1
AKTO	Aktjubinsk	18.29 42	P	10 19 11.4 -1.5
AKTO	comp=Z,0.3nm,0.3s,baz=240,slow=11,SNR=11	LR	LR	10 19 11.4 -1.5
NACGM	Naroch	18.52 338	eP	10 19 15.2 -0.4
NACGM	comp=Z,1.7nm,1.0s,baz=149	LR	LR	10 19 15.2 -0.4
PTJ	Puntijarka	18.53 302	P	10 19 18.9 +2.9
SMOL	Smolencien	18.53 310	eP	10 19 17.9 +2.0
SMOL	comp=Z,16nm,1.4s	LR	LR	10 19 17.9 +2.0
JAVC	Velka Javorina	18.54 312	eP	10 19 18.2 +2.1
MODS	Modra-Piesok	18.56 310	eP	10 19 18.5 +2.2
MODS	comp=Z,78nm,1.3s	LR	LR	10 19 18.5 +2.2

MODS	Modra-Piesok	18.56 310	eP	10 19 18.5 +2.2
ZST	Bratislava	18.59 309	eP	10 19 18.2 +1.5
ZST	Bratislava	18.59 309	eP	10 19 18.1 +1.4
SOP	Sopron	18.73 307	P	10 19 20.1 +1.8
SOP	comp=Z,22nm,1.4s	LR	LR	10 19 20.1 +1.8
AB31	Akbulak array	18.75 47	P	10 19 17.9 -0.3
ABKAR	Akbulak array	18.75 47	P	10 19 17.7 -0.5
PAOL	Paolisi	18.83 286	IAMB	10 19 17.6 -1.7
PAOL	comp=Z,37nm,1.4s	LR	LR	10 19 17.6 -1.7
RONA	Rosalia, Austr	18.90 307	P	10 19 22.3 +1.8
RONA	comp=Z,19nm,1.3s,SNR=5.7	LR	LR	10 19 22.3 +1.8
SUW	Suwalki	19.03 331	P	10 19 21.7 +0.5
SUW	Suwalki	19.03 331	P	10 19 21.7 +0.5
MORC	Moravsky Berou	19.05 314	P	10 19 20.5 -0.7
MORC	Moravsky Berou	19.05 314	P	10 19 20.8 -0.7
MORC	comp=Z,18nm,1.3s	LR	LR	10 19 20.8 -0.7
MORC	Moravsky Berou	19.05 314	iP	10 19 22.6 +0.4
MORC	comp=Z,21nm,1.6s	LR	LR	10 19 22.6 +0.4
CONA	Conrad Observa	19.26 307	iP	10 19 25.5 +0.7
CONA	comp=Z,14nm,1.5s,SNR=7.0	LR	LR	10 19 25.5 +0.7
INTR	Introdacqua	19.28 369	IAMB	10 19 23.6 -1.5
INTR	comp=Z,37nm,1.3s	LR	LR	10 19 23.6 -1.5
SOKA	Soboth	19.37 303	eP	10 19 27.2 +1.0
SOKA	comp=Z,7.8nm,1.2s	LR	LR	10 19 27.2 +1.0
VRAC	Vranovo	19.37 312	P	10 19 26.0 +1.0
VRAC	comp=Z,0.2nm,0.3s,baz=96,slow=13,SNR=6.3	LR	LR	10 19 26.0 +1.0
VRAC	comp=Z,242nm,21.3s,baz=101,slow=41	LR	LR	10 19 26.0 +1.0
VRAC	comp=Z,5.4nm,0.9s	LR	LR	10 19 26.0 +1.0
VRAC	Vranovo	19.37 312	eP	10 19 28.4 +2.3
KRUC	Moravsky	19.38 311	P	10 19 28.0 +1.8
KRUC	Moravsky	19.38 311	P	10 19 27.1 +0.9
OBIR	Obir	19.64 303	iP	10 19 32.2 +2.8
CAMP	Campotosto	19.76 290	P	10 19 30.7 -0.2
CAMP	comp=Z,53nm,1.4s	LR	LR	10 19 30.7 -0.2
DPC	Dobruska-Polom	20.01 314	eP	10 19 33.4 -0.3
DPC	Dobruska-Polom	20.01 314	eP	10 19 33.4 -0.3
TREC	Trest	20.02 311	eP	10 19 34.9 +1.0
TREC	Trest	20.02 311	eP	10 19 34.9 +1.0
FDMO	Fiordimonte	20.03 292	IAMB	10 19 43.6
FDMO	comp=Z,33nm,1.3s	LR	LR	10 19 43.6
MOA	Molin	20.23 306	iP	10 19 36.5 +0.1
MOA	comp=Z,20nm,1.1s,SNR=7.3	LR	LR	10 19 36.5 +0.1
KSP	Ksiaz	20.27 316	P	10 19 36.1 +1.3
CHVC	Chvalec	20.27 315	eP	10 19 36.3 +1.4
CHVC	Chvalec	20.27 315	eP	10 19 36.3 +1.4
MYKA	Terra Mystica	20.28 302	iP	10 19 38.8 +1.9
MYKA	comp=Z,22nm,1.1s	LR	LR	10 19 38.8 +1.9
CKRC	Cesky Krumlov	20.55 309	eP	10 19 38.4 +0.5
CKRC	Cesky Krumlov	20.55 309	eP	10 19 38.4 +0.5
BIOA	Bad Ischl, Aus	20.59 305	eP	10 19 40.4 -0.1
BIOA	comp=Z,6.2nm,0.5s	LR	LR	10 19 40.4 -0.1
KBA	Koelnbreinsper	20.60 303	P	10 19 40.3 -0.5
KBA	comp=Z,10nm,0.9s,SNR=7.7	LR	LR	10 19 40.3 -0.5
STAL	STALIGIAL	20.81 301	IAMB	10 19 41.5 +0.7
STAL	comp=Z,21nm,1.1s	LR	LR	10 19 41.5 +0.7
ZVC	Zvikov	20.86 310	eP	10 19 42.3 +1.1
PRU	Pruhonice	20.87 312	eP	10 19 42.7 +1.4
PRU	Pruhonice	20.87 312	eP	10 19 42.7 +1.4
GECZ	GERESS Array S	20.93 308	IAMB	10 19 44.8
GECZ	comp=Z,0.2nm,1.1s	LR	LR	10 19 44.8
GERES	GERESS Array B	20.93 308	P	10 19 42.0 -0.1
GERES	comp=Z,9.5nm,1.0s,baz=113,slow=10,SNR=34	LR	LR	10 19 42.0 -0.1
GERES	comp=Z,196nm,20.7s,baz=88,slow=39	LR	LR	10 28 38.0
GERES	comp=Z,9.5nm,1.0s	LR	LR	10 28 38.0
ABTA	Abfaltersbach	21.06 302	eP	10 19 46.8 +3.3
ABTA	comp=Z,12nm,1.4s	LR	LR	10 19 46.8 +3.3
KHC	Kasperske Hory	21.11 309	eP	10 19 44.1 +0.1
KHC	Kasperske Hory	21.11 309	eP	10 19 44.0 +0.1
KHC	comp=Z,17nm,1.0s	LR	LR	10 19 44.1 +0.1
LESA	Schwarzleite	21.13 304	eP	10 19 46.7 +2.4
LESA	comp=Z,16nm,1.2s	LR	LR	10 19 46.7 +2.4
KIRV	Kirov	21.46 15	P	10 19 46.3 -1.3
KIRV	comp=Z,18nm,0.8s,baz=211,slow=4.2,SNR=6.8	LR	LR	10 19 46.3 -1.3
KIRV	Kirov	21.46 15	eP	10 19 45.5 -2.1
CTI	Castel Tesino	21.49 300	IAMB	10 19 48.5 +0.4
CTI	comp=Z,32nm,1.1s	LR	LR	10 19 48.5 +0.4
CTI	Castel Tesino	21.49 300	P	10 19 48.5 +0.4
CTI	comp=Z,32nm,1.1s	LR	LR	10 19 48.5 +0.4
BRG	Berggiesshübel	21.60 314	eP	10 19 51.3 +2.1
BRG	comp=Z,32nm,1.1s	LR	LR	10 19 51.3 +2.1
VSU	Vasula	21.66 343	iP	10 19 49.0 -0.8
VSU	comp=Z,35nm,0.9s	LR	LR	10 19 49.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Puerto Rico Se, Utuado, Aguadilla, etc.

IDC 25 10:37:22.3, 0.7, 40.34N; 143.70E, h0km, mb3.4/5, mbtm3.4/5, Error ellipse: s-maj=166.2km, s-min=20.5km az=65.0, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Sonmigo Array, Warramunga Arr, etc.

IDC 25 10:37:22.3, 0.7, 40.34N; 143.70E, h0km, mb3.8/18, mbtm3.9/22, ML3.7/4, MS3.1/1, Error ellipse: s-maj=17.8km, s-min=15.8km az=103.0

NEIC 25 10:37:22.0, 1.0, 40.26N; 08.144E; 0.1, h10km, 1km, mb4.4/17, Error ellipse: s-maj=14.8km, s-min=12.5km az=224.0

NIED 25 10:37:23.5, 40.36N; 143.70E, h13km, MW4.0, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm; Mn:0.51; Mw:0.34; Ms:0.84; Ml:0.48; Mh:0.24; Mv:0.43; Fault plane solution: Mw1.00000x10^15 NP1: 3.71, 0.00000; 3.37, 0.00000; 3.33, 0.00000. NP2: 40.00000; 3.71, 0.00000; 3.71, 0.00000; 3.71, 0.00000

JMA 25 10:37:23.5, 0.2, 40.40N; 06.144E; 1, h13km, MV3.9/37, FAR E OFF SANRIKU

ISC 25 10:37:24.9, 0.6, 40.36N; 05.14378E; 0.07, h16km, n88, 01506/82, mb4.2/30, 1C-1D, Off east coast of Honshu

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

ASAJ 3.2nm, 0.3s, baz=43, slow=28, SNR=3.7 6.8nm, 0.4s

MAJO Matushiro 5.80 231 Pn Pn 10 38 50.0 +0.6 MJAR Matushiro Arr 5.80 231 Pn Pn 10 38 49.9 -0.3

MJAR Matushiro Arr 5.80 231 Pn Pn 10 38 51.1 +0.9 MJB9 Matsu-Tunnel 5.80 231 Pn Pn 10 38 51.0 +0.7

JGF Kuroka 6.95 229 Pn Pn 10 39 07.1 +1.1 JNU Inuyama 7.32 229 Pn Pn 10 39 11.3 +0.2

JHU Hachijo jima 2 7.91 205 Pn Pn 10 39 16.1 -3.1 JHJ 14nm, 0.3s, baz=258, slow=21, SNR=1.3 233nm, 0.5s

USRK Ussurek Arr 9.54 298 Pn Pn 10 39 43.5 +1.9 MDJ Mudanjang 11.30 297 P Pn 10 40 07.8 +2.1

MDJ Mudanjang 11.30 297 P Pn 10 40 08.0 +2.4 KRSR Korea Array 12.69 262 Pn Pn 10 40 27.0 +2.4

KRSR 14nm, 0.3s, baz=76, slow=13, SNR=2.1 2.75nm, 18.2s, baz=55, slow=37, LR LR 10 45 14.2

KS19 Wonju Array Si 12.71 262 Pn Pn 10 40 27.8 +2.7 KSAR Wonju Array Be 12.72 262 Pn Pn 10 40 27.4 +2.4

BNX BinXian 13.12 300 P Pn 10 40 30.5 0.0 JCJ Chichijima 13.30 186 Pn Pn 10 40 16.1 -1.7

JCJ 1.1nm, 0.3s, baz=319, slow=20, SNR=1.5 2.3nm, 0.3s, baz=296, slow=22, SNR=1.5

HIA Hailar Array B 19.26 306 P P 10 41 33.7 -2.9 HILR Hailar Array B 19.26 306 P P 10 41 47.0 -1.6

XLT XILinktoE 20.80 289 eP Pmax 10 42 05.5 0.0 XLT 2.5nm, 1.0s Pmax Pmax 10 42 43.8 +1.3

BHT Hui-hu-hao-te 21.07 278 P P 10 42 07.5 -0.8 JHC Hu-hu-hao-te 24.39 282 eP P 10 42 45.2 +0.6

LYN LuoYang 25.44 267 P Pmax 10 42 52.5 +0.6 SONM Songino Array 27.65 298 P P 10 43 12.2 +0.3

H1N2 WAKE ISLAND Hy 28.54 129 T T 11 13 12.8 H1N1 WAKE ISLAND Hy 28.55 129 T T 11 13 15.1

H1N3 WAKE ISLAND Hy 28.56 129 T T 11 13 26.5 H11S1 WAKE ISLAND Hy 29.38 131 T T 11 14 16.7

H11S3 WAKE ISLAND Hy 29.39 131 T T 11 14 16.3 H11S2 WAKE ISLAND Hy 29.40 131 T T 11 14 28.4

ENH Enshi 29.58 261 P Iamb Iamb 10 43 28.4 -0.7 ENH 2.4nm, 0.6s P P 10 44 04.3 +0.6

GTA2 Gaotai 33.51 283 P P P 10 44 04.3 +0.6 GTA2 3.9nm, 0.9s Pmax Pmax 10 43 58.1 -6.0

CLES Cleveland East 33.60 52 P P 10 43 58.1 -6.0 PZH PanZhiHua 37.36 261 P P 10 44 37.8 +0.9

ZAAO Zalesovo Array 41.13 310 P P 10 45 08.0 +0.1 ZAAO 2.3nm, 0.7s, baz=82, slow=8.9, SNR=25 2.3nm, 1.1nm, 0.7s, baz=91, slow=7.3, SNR=11

ZALV Zalesovo Beam 41.13 310 P P 10 45 08.0 +0.1 MK31 Makanchi Array 44.00 300 P P 10 45 31.7 +0.2

MK31 Makanchi Array 44.00 300 P P 10 45 31.7 +0.2 MKAR Makanchi Array 44.00 300 P P 10 45 31.4 0.0

CMAR Chiang Mai Arr 44.17 254 P P 10 45 31.7 -1.3 MAKZ Makanchi 44.21 300 P P 10 45 33.3 +0.2

MAKZ Makanchi 44.21 300 P Iamb Iamb 10 45 33.8 0.0 RABL Rabaul 45.00 168 P P 10 45 35.3 -4.4

KURK Kurchatov Arr 45.41 306 P P 10 45 42.4 -0.1 KURB Kurchatov Arr 45.41 306 P P 10 45 43.0 -0.2

ILAR Eielson Array 47.50 34 P P 10 45 45.5 +0.8 WUS Wushi 47.86 293 P Iamb Iamb 10 46 01.7 -0.4

WUS Wushi 47.86 293 P Iamb Iamb 10 46 03.1 0.0 BCAR Beaver Creek Arr 48.11 36 P P 10 46 00.5 -3.1

TARG Taragay, Kyrgy 48.65 294 P Iamb Iamb 10 46 08.7 +0.1 BOOM Boomsyoke usch 49.66 296 P P 10 46 16.3 +0.4

BOOM Boomsyoke usch 49.66 296 P Iamb Iamb 10 46 27.2 0.0 BVAR Borovoye Array 49.76 311 P P 10 46 16.1 -0.1

BORK Borovoye 49.79 311 P P 10 46 17.1 +0.6 ARSB Arslanbob 49.75 296 P P 10 46 34.9 +0.2

ARSB Arslanbob 49.75 296 P Iamb Iamb 10 46 54.4 KK31 Karatay Array 53.10 299 P Iamb Iamb 10 46 41.0 -0.6

KK31 Karatay Array 53.10 299 P P 10 46 41.1 -0.5 KKAR Karatay Array 53.10 299 P P 10 47 02.1 -0.2

CHGR Chuyangaron 55.95 294 P P 10 47 11.5 +0.3 AB31 Akbulak array 57.24 309 P Iamb Iamb 10 47 12.1 -0.1

AB31 Akbulak array 57.24 309 P P 10 47 11.2 -0.1 YKA Yellowknife Arr 60.01 32 P P 10 47 29.1 -1.2

WRA Warramunga Arr 60.63 190 P P 10 47 34.1 -0.9 ASAR Alice Springs 64.36 190 P P 10 48 00.3 +0.4

ASAR Alice Springs 64.36 190 P P 10 48 00.3 +0.4 FINES FINESS Array B 66.73 332 P P 10 48 14.2 -0.6

FINES FINESS Array B 66.73 332 P P 10 48 14.2 -0.6 FINES FINESS Array B 66.73 332 P P 10 48 14.9 +0.2

KBZ Khabaz 70.14 311 P P 10 48 37.0 +0.7

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

ISC 25 10:37:55.0, 0.9, 34.28N; 45.59E, h12km, 30km, ML2.5, TEH 25 10:37:56.4, 34.26N; 45.60E, h10km, 103km, ML2.5, Presumed earthquake

ISC 25 10:37:56.6, 1.1, 34.27N; 0.04, 45.59E; 0.04, h18km, n9, comp=2.0, 1nm, 0.7s, baz=262, slow=4.0, SNR=5.0

GLG1 Gilan-e-Gharb 3.01 121 P Op ISC 10 38 02.5 -0.8 GLG1 0.78 57 Pg Sg 10 38 07.3 -0.6

IDHR Dehrash 0.78 57 Pg Sg 10 38 11.9 +0.1 IGHG Ghoghazi 1.19 166 eP P 10 38 12.7 +0.3

IDBR Badra 1.19 166 eP Sg 10 38 19.0 +0.3 IDBR 0.78 57 Pg Sg 10 38 35.0 -0.3

IDBR 0.78 57 Pg Sg 10 38 46.1 KCHF Chasab Seifid, 1.20 90 Pg P 10 38 20.0 +0.2

BHD Baghdad 1.42 226 ePn P 10 38 23.0 +0.5 BHD 1.52 318 ePn P 10 38 24.0 -0.3

IKRK Kirkuk 1.52 318 ePn P 10 38 24.0 -0.3 IKRK 1.52 318 ePn P 10 38 26.0 +0.2

IKRK 1.52 318 ePn P 10 38 52.0 IKRK comp=1.15nm, 0.5s AML AML 10 38 55.7

SNQR Sonqor, Kerman 1.78 70 Pg P 10 38 29.8 +0.9 IBZA Bozab 1.89 83 Pn P 10 38 32.2 -0.7

BUI 25 10:45:07.0, 41.31S; 174.94E, h86km, mb4.8/8 MOS 25 10:45:09.6, 1.2, 40.56S; 174.60E, h87km, mbs.1/10, Error ellipse: s-maj=16.1km, s-min=11.2km az=128.8

NOU 25 10:45:10.1, 40.67S; 174.62E, h80km, mb4.9/45, Cook Strait, New Zealand

IDC 25 10:45:11.8, 0.7, 40.36S; 174.58E, h99km, 5km, mb4.3/9, mbtm4.6/10, MS3.6/22, Error ellipse: s-maj=13.8km s-min=9.8km az=138.0

GCMT 25 10:45:11.4, 0.2, 40.63S; 0.02, 174.46E; 0.02, h88km, 2km, MW5.0/14, Moment Tensor Solution: s65, e91; s114, c157; Duration: 0 Moment tensor: Scale 10^16Nm; Mn:2.45; 1.0; Mw:1.39; 1.2; Ms:3.83; 0.10; Ml:1.61; 0.7; Mv:0.94; 1.1; Mh:1.11; 0.8; Best double couple: Mw:3.99400x10^16 NP1: 222.00000; 649.00000; 142.00000. NP2: 339.00000; 142.00000; 148.00000. Principal axes: T 3.8840, Plg53.0000, Azm198.0000; N 0.2210, Plg36.0000, Azm2.0000; P -4.1050, Plg8.0000, Azm97.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 25 10:45:11.4, 40.53S; 174.29E, h100km, Moment Tensor Solution: Duration: 17 Moment tensor: Scale 10^16Nm; Mn:3.56; Mw:1.67; Ms:1.89; Ml:1.76; Mv:1.41; Mh:2.97; Fault plane solution: Mw:4.84000x10^16 NP1: 228.64000; 822.73000; 170.03000. NP2: 343.53000; 867.89000; 184.59000. Principal axes: T 5.0406, Plg67.0000, Azm295.0000; N -0.4320, Plg5.0000, Azm37.0000; P -4.6087, Plg23.0000, Azm129.0000;

NEIC 25 10:45:11.4, 1.3, 40.63S; 0.03; 174.56E; 0.05, h86km, 4km, mbs.1/31, Mw5.1/11 Error ellipse: s-maj=7.0km s-min=5.2km az=129.0

NEIC 25 10:45:11.4, 40.63S; 174.55E, h100km WEL 25 10:45:12.9, 40.63S; 174.56E, h86km, ML5.4, Mw5.0, Moment Tensor Solution, s12 Moment tensor: Scale 10^16Nm; Mn:2.77; Mw:0.86; Ms:3.62; Ml:1.50; Mv:0.8; Mh:0.80; Fault plane solution: Mw:3.70000x10^16 NP1: 337.00000; 858.00000; 156.00000. NP2: 208.00000; 845.00000; 131.00000. Principal axes: T 3.6764, Plg61.0000, Azm194.0000; N 0.0442, Plg28.0000, Azm356.0000; P -3.7206, Plg7.0000, Azm90.0000. Stations used: MRZ WAZ NNZ TSZ KHEZ VRZ QRZ WHVZ KHZ DSZ LTZ INZ REVERSE

ISC 25 10:45:11.4, 0.3, 40.63S; 0.02, 174.57E; 0.02, h95km, 2km, h95km; pp-P, n517, 01A3/572, mb5.0/57, 13C-9D, Cook Strait

Code Station Name Az, Az', Phase ID, Time, Res. Includes stations like Kapiti Island, Paraparaumu Pr, etc.

KIWI Kapiti Island 0.34 132 P Op ISC 10 45 24.7 -1.0 KIWI 0.43 131 S S 10 45 34.2 -2.2

PAPS Paraparaumu Pr 0.43 131 S S 10 45 36.1 -1.1 PAPS 0.49 106 P Pn 10 45 25.5 -0.8

OTKS Otaki Skye 0.49 106 P Pn 10 45 25.5 -0.8 OTKS 0.45 113 P Pn 10 45 25.9 -0.7

OGWZ Otaki Gorge 0.45 113 P Pn 10 45 25.9 -0.7 OGWZ 0.52 251 P S 10 45 26.7 -1.2

DURZ D'Urville Isla 0.52 251 P S 10 45 26.7 -1.2 DURZ 0.53 72 P S 10 45 28.3 -2.7

FXBS Foxton Beach S 0.53 72 P S 10 45 28.3 -2.7 FXBS 0.53 72 P S 10 45 28.3 -0.3

POKS Katoa Kinderga 0.53 158 P S 10 45 26.4 -0.6 POKS 0.53 159 P S 10 45 27.4 -1.3

POKS Porirua West 0.53 159 P S 10 45 27.4 -1.3 HOCS Levin Horowhenua 0.54 89 Pn Pn 10 45 26.3 -0.6

POLS Porirua Librar 0.54 158 P Pn 10 45 26.5 -0.5 PFAS Porirua Free A 0.55 158 P Pn 10 45 26.6 -0.5

MKBS Makara Bunker 0.60 171 P Pn 10 45 26.9 -0.6 MKBS 0.61 142 P S 10 45 27.8 -1.7

CAW Cannon Point 0.61 142 P S 10 45 28.5 -0.9 CAW 0.61 149 P Pn 10 45 27.1 -0.5

HSSS Lower Hutt Hay 0.61 149 P Pn 10 45 27.1 -0.5 UHCS Upper Hutt Col 0.61 145 P Pn 10 45 27.1 -0.4

LHBS Lower Hutt North 0.62 157 P Pn 10 45 27.1 -0.6 HBS Hutt Internati 0.62 164 P Pn 10 45 27.4 -0.2

BMTS Belmont 0.62 155 P Pn 10 45 27.0 -0.7 TAIT Taita Central 0.62 152 P Pn 10 45 27.2 -0.5

UHSS Upper Hutt Pri 0.62 143 P S 10 45 27.2 -0.5 UHSS 0.62 201 P S 10 45 28.7 -1.1

TCW Tory Channel 0.62 201 P S 10 45 27.0 -0.7 TCW 0.62 201 P S 10 45 28.3 -1.5

TCW Tory Channel 0.62 201 P S 10 45 27.0 -0.7 TCW 0.62 157 P Pn 10 45 27.2 -0.5

LMRS Lower Hutt Nor 0.62 157 P Pn 10 45 27.2 -0.5 TMDS Te Marua Water 0.63 136 P Pn 10 45 27.4 -0.4

NEWS Newlands 0.63 163 P Pn 10 45 27.4 -0.4 SOCS South Coast Hutt St 0.63 163 P Pn 10 45 27.4 -0.2

LHES Hutt Central 0.63 167 P Pn 10 45 27.5 -0.3 PVCS Petone Victori 0.64 159 P Pn 10 45 27.4 -0.4

PGMS Petone Municip 0.64 159 P Pn 10 45 27.4 -0.4 FAIS Fairfield 0.64 154 P Pn 10 45 27.5 -0.4

FAIS St Bernardette 0.64 153 P Pn 10 45 27.5 -0.4 MKWS Makara Village 0.64 171 S S 10 45 28.7 -1.5

MKVS McKays 0.64 153 P S 10 45 27.5 -0.4 LRSS Randwick Schoo 0.65 157 P S 10 45 27.0 -1.2

LRSS Lower Hutt IRL 0.66 157 P S 10 45 27.7 -0.2

PIPS Aotea Quay Pip 0.66 166 P S 10 45 27.8 -0.2

PIPS Lower Hutt Pri 0.66 166 P S 10 45 39.3 -1.1

INSS Lower Hutt GNS 0.66 166 P Pn 10 45 27.6 -0.4

POTA Wellington Pot 0.66 167 P Pn 10 45 27.6 -0.4

WANS Wainuiomata Hi 0.66 156 P Pn 10 45 27.8 -0.2

25d 10h

2020 JAN

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Table with columns for station name, frequency, power, and signal strength. Includes stations like WEMS Wellington Eme, SEAV Seaview, SOMS Somes Island, BOWS Bowen St Turb, etc.

Table with columns: WRKA, Warkurna, 41.39 278, P, P, 10 52 47.2 -1.2, etc. Includes stations like Rabaul, Kambalda, Casey, Narrogin, Kellerberrin, Kununurra, etc.

Table with columns: BRDH, Bariadhala, 99.33 292, LR, LR, 11 49 12.0, etc. Includes stations like Mina Array, Lanzhou, Kodiak Island, Eielson Array, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, etc. Includes stations like Elazig, Sivrice-ELAZID, Malatya/Merkez, etc.

ISK 25 10:49:04.8, 38°36'N, 38°89'E, h5km, ML3.4/13
AFAD 25 10:49:05.8, 38°31'N, 38°81'E, h7km, 4km, MW3.5
IDC 25 10:49:07.3, 1°53'25"N, 38°59'E, h0km, mb3.3/3,
mbtm3.3/5, ML3.2/2, Error ellipse: s-maj=23.3km
s-min=17.1km az=178.0
ISC 25 10:49:05.7-0.9, 38.34N-02.389E, 0.02, h13km, 7km,
n31, e150145, Turkey

25d 11h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like JSB Shiba, JCCN Chibachonan, JAF Yanai, etc.

2020 JAN

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SOMN Songino Array, SOMN WAKE ISLAND HY, etc.

1730

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like BORK Borovoye, KSH2 Kashi, ARSB Arslanbob, etc.

TEH 25 12:35:33.3,34.22N:45.48E,h10km,79km,ML2.6, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like GLG1, IDHR, IGHG, etc.

IDC 25 12:41:17.6,28.10N:56.90E,h6km,51km,ML3.3, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like IBND, KHNJ, KHNJ, etc.

OMAN 25 12:41:22.6,0.1,27.98N:56.80E,h106km,1km,mb3.4/4, m3.2/14, Error ellipse: s-maj=1.6km s-min=0.9km az=4.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like ASHO, IBAF, ASUD, etc.

AFAD 25 12:46:09.7,38.28N:38.77E,h7km,1km,ML2.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like ELZG, ELZG, ELZG, etc.

ISC 25 12:46:09.8,1.1,38.27N:38.78E,h6km,ML2.8/10, n16, c053/23, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like ELZG, ELZG, ELZG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like HEKM, HEKM, HEKM, etc.

NNC 25 12:52:51.8,0.8,50.78N:73.54E,h0km,mb3.6,mpv3.2, Error ellipse: s-maj=9.5km s-min=6.9km az=43.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like BVA0, BVA0, BVA0, etc.

ISC 25 12:52:54.1,0.8,50.76N:73.63E,0.06,h10km,n17, c081/21, 6C-90, Central Kazakhstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like BVA0, BVA0, BVA0, etc.

IDC 25 12:56:30.8,0.9,15.79N:119.41E,h0km,mb3.8/9, mbmp3.7/10, MS2.9/5, Error ellipse: s-maj=47.0km

NEIC 25 12:56:33.0,0.9,17.22N:109.119E,0.1,h10km,1km, mb4.4/23, Error ellipse: s-maj=21.5km s-min=15.6km az=91.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like TWG, TPUB, CM31, etc.

ISC 25 12:56:35.4,0.6,157.28N:0.08:119.3E:0.1,h31km,n47, c081/44,mb4.3/21,MS2.8/4,Luzon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like TWG, TPUB, CM31, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like ASAR, MKAR, MKAR, etc.

ISC 25 13:20:37.0,1.2,38.28N:0.03:38.74E,0.02,h2km,10km, n30, c098/38, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like MAYA, MAYA, MAYA, etc.

AFAD 25 13:20:36.6,38.26N:38.75E,h7km,2km,ML3.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like MAYA, MAYA, MAYA, etc.

ISC 25 13:25:10.4,1.0,22.91N:123.25E,h0km,mb3.6/6, mbmp3.7/9,ML3.2/3,MS2.5/1, Error ellipse: s-maj=30.6km s-min=18.8km az=81.0

JMA 25 13:25:12.2,2.0,23.1N:123.1E:0.8,h57km,MV3.7/17, FAR S OFF ISHIGAKIUMA

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like MMAL, MMAL, MMAL, etc.

ISC 25 13:25:10.4,1.0,22.91N:123.25E,h0km,mb3.6/6, mbmp3.7/9,ML3.2/3,MS2.5/1, Error ellipse: s-maj=30.6km s-min=18.8km az=81.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like MMAL, MMAL, MMAL, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like NARI Adyaman-Kaht, SVRC Sivrice-ELAZID, KAHTU Kahta, etc.

JMA 25 14:02:59.0±0.1, 22°4N, 07°12'1E, h42km, 3km, MV3.6/12, TAIWAN REGION

TAP 25 14:03:00.2±0.2, 22°40N, 121°40E, h23km, ML3.5, C ISC 25 14:02:59.6±0.1, 22°38N, 0°02'12.146E±0.02, h2km, 6km, n93, c1500/143, 5C-6D, Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like LAY Lan-yu, LYUB Lan-yu, TTN Taitung, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like WSSB Gushan, WTP Ta-pu, CHN1 Nanshi, etc.

TEH 25 14:07:10.4, 28°85N-56°59E, h23km, 39km, ML2.9, Presumed earthquake

DSN 25 14:07:15.5±0.7, 28°43N-56°59E, h10km, ML2.7/6, Error ellipse: s-maj=5.8km, s-min=95.0, Az=117.7

OMAN 25 14:07:16.0±0.1, 28°42N-56°55E, h143km, 1km, m3.0/11, Error ellipse: s-maj=1.8km, s-min=0.9km, Az=140

ISC 25 14:07:09.1±0.2, 28°77N, 0°04'56.64E±0.05, h10km, n40, c215/62, Southern Iran

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like NGRK Negar Kerman, KHNI Kerman, CHNM Cheshme madani, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like SLWR Sila, WBK Wadi Bani Khal, WBK Abu-Samra, etc.

NNC 25 14:08:40.0±1.6, 43°93N-86°12E, h0km, mb3.3, mpv2.9, Error ellipse: s-maj=12.3km, s-min=7.3km, Az=103.0

SOME 25 14:09:04.2±4.4, 44°92N-85°12E, h20km, ISC 25 14:09:04.2±4.4, 44°71N, 0°08'53E±0.1, h10km, n7, c232/32, Northern Xinjiang

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like ZSN Zaisan, ZSN 8.2nm, 0.5s, MK31 Okanchi Array, etc.

IDC 25 14:17:37.6±1.2, 17°93N-66°83W, h0km, mb3.7/7, mbmp3.8/8, ML3.0/1, MS2.9/1, Error ellipse: s-maj=34.2km, s-min=9.1km, Az=173.0

NEIC 25 14:17:38.6±1.3, 17°85N, 0°04'66.81W±0.01, h10km, 2km, ML4.2/43, Md3.8/3(RSPR), Mw3.9/15(SLM), Error ellipse: s-maj=6.8km, s-min=2.9km, Az=15.0

NEIC 25 14:17:39.7±1.9, 17°95N-66°81W, h1km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm, M1=-4.40, M2=3.61, M3=0.79, M4=-3.86, M5=4.68, M6=1.71, Fault plane solution: M7-5.00000*10^14, NP1=8.8500000, 865.00000°, λ=50.00000°, NP2=202.00000°, 846.00000°, λ=144.00000°, Principal axes: T 7.4963, P1g11.0000°, Azm147.0000°, N 0.0055, Plg36.0000°, Azm246.00000°; P -7.5018, Plg52.0000°, Azm43.0000°

PTWC 25 14:17:39.9, 18°00N-66°80W, h10km, M4.2/12, PUERTO RICO REGION

RSPR 25 14:17:39.7, 17°95N-66°81W, h8km, MD3.8/3

OSPL 25 14:17:39.5±1.0, 17°88N-66°81W, h10km, 4km, ML3.6, Presumed earthquake

SDD 25 14:17:40.0±1.7, 18°02N-66°82W, h20km, 17km, MD3.8, ML3.8, MW4.2, Presumed earthquake

ISC 25 14:17:38.9±0.9, 17°92N, 0°04'66.78W±0.02, h13km, 6km, n103, c1919/124, mb3.6/6, 13C-9D, Puerto Rico region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, OBIP Obispo Ponce, etc.

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Table with columns: ID, Name, Elevation, Distance, Direction, Status, Date, Time, etc. Includes entries like D20K Etivluk River, D20K Etivluk River, RDOC Red Dog Mine, etc.

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Table with columns: ID, Name, Elevation, Distance, Direction, Status, Date, Time, etc. Includes entries like H24K Noodor Dome, H31M Peel River, I27K Kaniak River, etc.

25d 16h

Table with columns: ID, Name, Elevation, Distance, Direction, Status, Date, Time, etc. Includes entries like M14K Bethel, M18K Stony River, M24K Tolsona, Glenn, etc.

DJA 25 16:37:50.4z2.5,0°N,6°9'E,1h16km,18km,M3,3/B,
MLV,3/B
IDC 25 16:37:55.8z6.3,0°15'N,9°17'E,h0km,mb3,4/4,
mbtmp3,4/4,Error ellipse: s-maj=307.8km s-min=24.1km
az=55.0
ISC 25 16:37:49.9z2.0,0.4N,1.0E,1.96z9E,0.2,h23km,16,
mb3,4/4,Off west coast of northern Sumatra,
Code Station Name Az AzZ Phase ID Time Res
GSI Gunungsitoli 1.14 36 Op ISC h n s ISC
Pb 16 38 1.3 +0.3
PbSI Pulau Batu 1.45 107 P Pn 16 38 14.5 -0.2
PSI Prapat 3.15 40 P Pn 16 38 37.3 -0.9
PSI 16 38 37.4 -7.9

25d 17h

Table of seismic data for 25d 17h, listing stations like KHC, KASPERSKA HORY, and various parameters such as magnitude, depth, and location.

2020 JAN

Table of seismic data for 2020 JAN, listing stations like SONMI, SONGINGO ARRAY, and various parameters such as magnitude, depth, and location.

1746

Table of seismic data for 1746, listing stations like OMEGA, ZF2I, and various parameters such as magnitude, depth, and location.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like LIA Limnos Island, SMTH Samothraki Isl, DATH Data, ALN Alexandroupoli, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like YAL comp=N,24nm,0.3s, BOSR Bodos, OZUR Tarkhankut, etc.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like TUE comp=Z,4.9nm,1.1s, VRH Novokhopkovsky, LPSR Galich'ya Gora, etc.

Code Station Name Δ° AZZ Phase ID Time Res
GBPR Guanica, Bosqu 0.09 47 Op ISC h m s ISC
GBPR Guanica, Bosqu 0.09 47 I/P Sg 17 50 38.0 0.0
GBPR Guanica, Bosqu 0.09 47 I/P Sg 17 50 38.0 0.0

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

TIR 25 18:03:35.3, 41.622N, 19.646E, h4km, 2km, M2.4/4
PDG 25 18:03:35.7, 0.6, 1.67N, 19.64E, h0km, 11km, M2.6/12,
Error ellipse: s-maj=0.7km s-min=1.8km az=0.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Tiran, Shkodra, Ulcinj, etc.

BUI 25 18:04:41.8, 6.91Sx130.70E, h112km, mB5.0/7, mb4.5/44
NEIC 25 18:04:47.9, 1.5, 6.26S, 0.05x130.47E, h104km, 6km,
mb4.8/60, Error ellipse: s-maj=8.9km s-min=6.9km
az=84.0

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

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

RSPR 25 18:03:54.7, 17.95N, 66.89W, h12km, MD2.3/6
NEIC 25 18:03:54.2, 1.0, 17.98N, 0.06x66.89W, 0.01, h17km, 3km,
M2.5/35, M2.3/6(RSPR), 1C-8D, Error ellipse:
s-maj=9.5km s-min=1.1km az=189.0, Puerto Rico
region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Guanica, Bosqu, Maguayes, etc.

BUI 25 18:04:41.8, 6.91Sx130.70E, h112km, mB5.0/7, mb4.5/44
NEIC 25 18:04:47.9, 1.5, 6.26S, 0.05x130.47E, h104km, 6km,
mb4.8/60, Error ellipse: s-maj=8.9km s-min=6.9km
az=84.0

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

DUA 25 18:04:48.7, 0.2, 6.2S, 2.13E, h133km, 4km, M4.7/38,
mB5.2/22, mb4.7/38, MLV5.2/20, Mw4.6/24, Mw(mb)4.5/22
IDC 25 18:04:48.4, 1.8, 6.22S, 130.49E, h106km, 7km, mb4.2/13,
mbmp4.7/19, MS3.9/7, Error ellipse: s-maj=17.4km
s-min=11.5km az=81.0

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

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

ASAR 3.9nm, 0.7s, baz=346, slow=14, SNR=211
ASAR comp=Z.20nm, 18.4s, baz=349, slow=36
ASAR Alice Springs 17.59 170 P
MTSU Mount Surprise 17.89 132 P

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EDPI, SMPH, LUWI, etc.

ASAR 3.9nm, 0.7s, baz=346, slow=14, SNR=211
ASAR comp=Z.20nm, 18.4s, baz=349, slow=36
ASAR Alice Springs 17.59 170 P
MTSU Mount Surprise 17.89 132 P

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

ASAR 3.9nm, 0.7s, baz=346, slow=14, SNR=211
ASAR comp=Z.20nm, 18.4s, baz=349, slow=36
ASAR Alice Springs 17.59 170 P
MTSU Mount Surprise 17.89 132 P

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for HNTI Hanita, BLGI Bet Lehem HaGe, ASF Jabal al Asfar, etc.

IDC 25 18:27:39.3:6.5, 6.77S, 128.72E, h110km, 79km, mb3.0/1, mbtmp3.4/4, ML3.2/3, MS3.1/1, Error ellipse: s-maj=117.2km s-min=26.4km az=81.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for SUI Sorong, WRA Warramunga Arr, ASAR Alice Springs, GUMO Guam, MKAR Makanchi Array.

RSPR 25 18:41:50.6, 17.86N, 66.91W, h5km, MD2.3/3, SDD 25 18:41:51.2:1.4, 17.81N, 66.92W, h12km, 25km, MD3.5, ML2.3, MW3.3, Presumed earthquake

ISC 25 18:41:49.7:1.6, 17.81N, 0.09:66.90W, 0.03, h13km, 10km, n15, c0953/29, 8C-6D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for GBPR Guanica, Bosqu, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Obisapo Ponce, etc.

IDC 25 18:44:37.5:13.0, 14.90S, 165.56E, h0km, mb3.8/3, mbtmp3.8/4, ML3.1/1, Error ellipse: s-maj=236.3km s-min=37.3km az=55.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs.

JMA 25 18:47:30.5:0.2, 22.1N, 121.18E, 0.6, h15km, MV3.7/13, TAIWAN REGION

IDC 25 18:47:31.9:1.2, 21.94N, 122.01E, h0km, mb3.3/4, mbtmp3.4/5, ML3.2/1, MS2.6/1, Error ellipse: s-maj=35.0km s-min=23.6km az=71.0

TAP 25 18:47:32.0, 22.16N, 121.68E, h2km, ML3.4, D, ISC 25 18:47:31.9:1.0, 21.99N, 0.05:121.75E, 0.03, h21km, 1km, n39, c23/43, mb3.3/4, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for LYUB Lan-yu, LAY Lan-yu.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for TSEB Hengchuen, SMST Manzhou Townsh, YLJ Yonaguni jima, etc.

KSRs Korea Array 16.31 18 LR, MKAR Makanchi Array 40.29 318 P

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, etc.

ISK 25 18:48:34.5, 38.31N, 39.01E, h5km, ML2.8/6, AFAD 25 18:48:36.3, 38.34N, 39.04E, h7km, 4km, ML2.3

ISC 25 18:48:35.9:1.0, 38.33N, 0.03:39.03E, 0.03, h14km, 9km, n12, c08/44/21, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for ELZG Elazig, SVRC Sivrice-ELAZID, ELZ Elazig, etc.

ISK 25 18:49:27.5, 38.19N, 38.72E, h10km, ML2.4/8, AFAD 25 18:49:29.5, 38.24N, 38.75E, h7km, 2km, ML2.5

ISC 25 18:49:28.4:1.1, 38.21N, 0.03:38.71E, 0.03, h11km, 11km, n14, c08/48/23, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for MAYA Malatya/Merkez, NARI Adyaman-Kaht, ELZG Elazig, etc.

AFAD 25 18:55:18.9, 38.26N, 38.75E, h7km, 2km, ML2.5, ISC 25 18:55:19.5:1.0, 38.28N, 0.03:38.76E, 0.03, h8km, 9km, n19, c08/69/29, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for MAYA Malatya/Merkez, MAYA Malatya/Merkez, MAYA Malatya/Merkez.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for ELZG Elazig, NARI Adyaman-Kaht, SVRC Sivrice-ELAZID, etc.

IDC 25 19:05:31.6:2.3, 2.85N, 126.55E, h0km, mb3.2/3, mbtmp3.2/3, Error ellipse: s-maj=198.4km s-min=25.3km az=67.0, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

BUI 25 19:19:23.1, 30.28S, 176.59W, h11km, mb5.7/11, mb5.1/28, Ms5.4/10, Ms7.5/11/1

IDC 25 19:19:26.1:0.5, 30.44S, 177.64W, h0km, mb4.7/17, mbtmp4.6/18, ML3.5/1, MS4.5/1, Error ellipse: s-maj=19.7km s-min=1.4km az=94.0

MOS 25 19:19:29.4:0.8, 30.50S, 177.78W, h28km, mb5.4/25, MS5.1/5, Error ellipse: s-maj=10.9km s-min=10.0km az=117.5

NEIC 25 19:19:30.0:1.6, 30.41S, 0.06:177.70W, 0.09, h20km, 3km, mb5.2/79, Mw5.2/13, Error ellipse: s-maj=11.8km s-min=9.4km az=94.0

NEIC 25 19:19:31.2, 30.51S, 177.02W, h24km, Moment Tensor Solution. Duration: 1s9 Moment tensor: Scale 1017Nm; M=4.90; M0=0.26; M00=5.16; M01=1.11; M02=1.83; M03=0.00;

Fault plane solution: Mb=7.68000x10^16 NP1: 0.217, 0.90000, 0.3159000, 1.125280000, NP2: 0.357, 3.70000, 0.6468000, 1.70440000; Principal axes: T 6.7263, P1665.0000, Azm234.0000; N 0.0955, P1g18.0000, Azm6.0000; P -6.8238, P1g17.0000; Azm102.0000

NEIC 25 19:19:31.2, 30.41S, 177.71W, h24km, NOU 25 19:19:32.3, 30.88S, 177.02W, h61km, mb5.1/70, Kermadec Islands, New Zealand

GCMT 25 19:19:33.2:0.2, 30.50S, 0.02:177.32W, 0.02, h31km, Mw5.3/108, Moment Tensor Solution. s83, c121; s108, c165; Duration: 1s1 Moment tensor: Scale 1017 Nm; M=0.83; M0=0.13; M01=0.70; M02=0.08; M03=0.16; M04=0.64; M05=0.03; Best double couple: M=1.01400x10^17 NP1: 0.198, 0.0000, 0.326, 0.0000, 1.99, 0.0000; NP2: 0.10000, 0.0000, 1.86, 0.0000; Principal axes: T 1.0610, P1g70.000, Azm272.0000; N -0.0930, P1g3.0000, Azm12.0000; P -0.9680, P1g20.0000, Azm103.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 25 19:19:30.1:0.3, 30.62S, 0.04:177.42W, 0.06, h33km, n638, c191/623, mb5.2/126, MS5.0/10, 36C-23D, Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for GLKZ Green Lake, RAO Raoul Island, RAO Raoul Island, etc.

ISK 25 19:19:29.5, 38.24N, 38.75E, h7km, 2km, ML2.5, ISC 25 19:19:28.4:1.1, 38.21N, 0.03:38.71E, 0.03, h11km, 11km, n14, c08/48/23, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries for MXZ Matakaoa Point, WMGZ Waioamatatini S, PKGZ Pakihoro, etc.

25th 19h

Table with columns for station name, frequency, power, and other technical details. Includes stations like HIZ Hauiti, KWHZ Kaweka Forest, and many others.

2020 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like EIDS Eidsvold, AUMHS Melrose High S, and many others.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like KNRA Kununurra, SRPI Serui, BAKI Blak, and many others.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like NBCA Caruaru-PE, NBPA Parau RN, RCBR Riachuelo, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like PFO Vanda, Vnda, SRU San Rafael Sw, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like ABKAR Akbulak array, SEY Seymchan, etc.

BUJ 25 19:24:49.4, 3:53:55S:179:63W, h12km, mB5.7/4, mb4.9/14, Ms5.4/6, Mst 5.1/8
NEIC 25 19:24:50.7, 3:55:45S:179:65W, h20km
NEIC 25 19:24:50.7, 3:55:45S:179:41W, h20km, Moment Tensor Solution...

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details. Includes stations like MXZ Matakaoa Point, WIZ White Island, etc.

Table with columns: EKA, Eskdalemir Ar, 84.05 341 P, P, 19 53 16.3 +1.4, comp=2.2,6nm,0.9s,baz=8.6,slow=5.6,SNR=2.7

IDC 25 19:47:39.8,6.7,22.205x179.00W,h532km,70km,mb3.2/6,mtbpm4.1/7,Error ellipse: s-maj=41.1km s-min=40.2km az=114.0

NEIC 25 19:47:46.0,1.4,22.33S:0.2x179.31W:0.09,h589km,10km,mb4.0/20,Error ellipse: s-maj=26.5km s-min=11.6km az=168.0

ISC 25 19:47:41.6-1.0,22.4S:0.1x179.1W:0.2,h550km,n39,r132/38,mb4.0/15,South of Fiji Islands

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

MOS 25 19:49:33.1,1.1,39.80N:77.23E,h22km,mb4.2/13,Error ellipse: s-maj=5.6km s-min=3.7km az=101.0

IDC 25 19:49:33.0,2.0,7.39:78N:77.16E,h0km,mb3.8/20,mtbpm3.9/25,ML3.7/5,Error ellipse: s-maj=15.0km s-min=10.5km az=36.0

SOME 25 19:49:34.1,39.92N:77.13E,h10km,MS4.1,BUI 25 19:49:36.2,39.87N:77.25E,h27km,mb4.5/4,mb4.0/24,ML4.3/9,MS4.0/13,MS7.4/0/12

NEIC 25 19:49:36.3,2.1,39.85N:0.05:77.23E:0.07,h10km,1km,mb4.5/21,Error ellipse: s-maj=11.3km s-min=3.7km az=129.0

KRNET 25 19:49:36.1,0.1,39.96N:77.16E,h30km,mb4.7,NNC 25 19:49:37.6,0.8,40.02N:77.21E,h0km,mb4.7,mpv4.5,Error ellipse: s-maj=5.8km s-min=4.8km az=160.0

ISC 25 19:49:35.2,1.1,39.87N:0.03:77.23E:0.02,h6km,7km,mb4.4,1995/312,mb4.0/39,MS4.0/3,41C-50,Southern Xinjiang

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

Main station list table with columns: PRZ, Przheval'sk, 2.76 18 Pn, Pn, 19 50 22.5 +2.4, comp=2.2,6nm,0.9s,baz=8.6,slow=5.6,SNR=2.7

Main station list table with columns: SHLS, 570nm,0.8s eS, Sg, 19 51 37.0 +3.3, comp=2.2,6nm,0.9s,baz=8.6,slow=5.6,SNR=2.7

Solution. Duration: 15s Moment tensor: Scale 10¹⁶Nm; M₁-1.62; M₂-1.53; M₃-0.09; M₄-0.42; M₅-0.23; M₆-1.06; Fault plane solution: M₁.96000°1016° NP1: $\phi=239.43000^\circ$; $\delta=5.16000^\circ$; $\lambda=127.83000^\circ$; NP2: $\phi=107.19000^\circ$; $\delta=55.94000^\circ$; $\lambda=58.34000^\circ$. Principal axes: T 1.5953, Plg6.0000°, Azm175.0000°; N 0.5965, Plg26.0000°, Azm268.0000°; P -2.1918, Plg63.0000°, Azm73.0000°; PMR 25.20:36.0, 17.91N:0.66:84W, h5km; NEIC 25.20:36.0, 17.91N:0.66:84W, h5km, m5.2/126, ML5.2/45, MW1.8/20, Mw4.8/8, ML5.05(RSPR), Mw4.7/15(SLA), Error ellipse: s-maj=6.4km s-min=2.7km az=189.0, Moment Tensor Solution. Moment tensor: Scale 10¹⁶Nm; M₁-2.11; M₂-1.92; M₃-0.19; M₄-0.38; M₅-0.37; M₆-0.40; Fault plane solution: M₁.13000°1016° NP1: $\phi=289.47000^\circ$; $\delta=51.67000^\circ$; $\lambda=80.38000^\circ$; NP2: $\phi=94.19000^\circ$; $\delta=39.34000^\circ$; $\lambda=101.93000^\circ$. Principal axes: T 2.0490, Plg0.0000°, Azm13.0000°; N 0.1514, Plg48.0000°, Azm103.0000°; P -2.2004, Plg80.0000°, Azm243.0000°; GFZ 25.20:37.4, 17.88N:0.66:76W, h14km, MW4.7, Moment Tensor Solution. s22 Moment tensor: M₁-1.26; M₂-0.95; M₃-0.31; M₄-0.39; M₅-0.45; M₆-0.19; Fault plane solution: M₁.3000°1016° NP1: $\phi=35.0000^\circ$; $\delta=1.58.0000^\circ$; $\lambda=92.243.0000^\circ$; $\delta=35.0000^\circ$; $\lambda=90.0000^\circ$. Principal axes: T 1.2600, Plg10.0000°, Azm153.0000°; N 0.0800, Plg0.0000°, Azm243.0000°; P -1.3400, Plg80.0000°, Azm336.0000°; BUJ 25.20:37.0, 17.90N:0.66:80W, h10km, Ms5.3/2, Ms7.5/0.2 SDD 25.20:37.2, 18.00N:0.66:81W, h18km, 2.1km, MD4.0, ML4.6, MW5.1, Presumed earthquake

CATAC 25.20:38.1, 18.0N:0.66:77W, h8km, 3km, M5.2/4, m5.5/3, m5.5/4, MLV5.1/1, Mw1.8/20, Error ellipse: s-maj=8.6km s-min=3.1km az=9.6, Moment Tensor Solution. Moment tensor: Scale 10¹⁶Nm; M₁-1.55; M₂-1.19; M₃-0.36; M₄-0.27; M₅-1.04; M₆-0.06; Fault plane solution: M₁.75933°1016° NP1: $\phi=63.55114^\circ$; $\delta=48.02366^\circ$; $\lambda=79.45479^\circ$; NP2: $\phi=227.99774^\circ$; $\delta=43.04083^\circ$; $\lambda=101.49849^\circ$. Principal axes: T 1.8983, Plg2.5146°, Azm14.1088°; N -0.3226, Plg7.8196°, Azm236.4543°; P -1.5757, Plg81.7812°, Azm38.4079°; confirmed

INMG 25.20:38.0, 17.97N:0.66:73W, h10km, M5.1, m5.0, Ms4.6, #DIST_RANGE: DISTANT

NEIC 25.20:38.18, 18.01N:0.66:82W, h17km, Moment Tensor Solution. Moment tensor: Scale 10¹⁶Nm; M₁-1.20; M₂-1.29; M₃-0.09; M₄-0.17; M₅-0.43; M₆-0.47; Fault plane solution: M₁.41000°1016° NP1: $\phi=35.0000^\circ$; $\delta=50.0000^\circ$; $\lambda=60.0000^\circ$; NP2: $\phi=233.0000^\circ$; $\delta=48.0000^\circ$; $\lambda=121.0000^\circ$. Principal axes: T 1.4112, Plg1.0000°, Azm164.0000°; N -0.0009, Plg23.0000°, Azm255.0000°; P -1.4103, Plg67.0000°, Azm72.0000°;

RSPR 25.20:38.6, 18.01N:0.66:82W, h14km, MD4.1/5

OSPL 25.20:38.3, 17.98N:0.66:81W, h18km, 3km, ML4.7, Presumed earthquake

GCMT 25.20:40.8, 0.3, 17.95N:0.02:66.96W:0.04, h22km, 1km, MW4.9/69, Moment Tensor Solution. s16, c18; s69, c94; Direction: 0 Moment tensor: Scale 10¹⁶Nm; M₁-2.08; M₂-1.94; M₃-1.4; M₄-0.13; M₅-1.23; M₆-1.4; M₇-0.9; M₈-0.66; M₉-26; Best double couple: M2 70100°1016° NP1: $\phi=221.0000^\circ$; $\delta=40.0000^\circ$; $\lambda=130.0000^\circ$; NP2: $\phi=68.0000^\circ$; $\delta=60.0000^\circ$; $\lambda=62.0000^\circ$. Principal axes: T 2.6470, Plg11.0000°, Azm158.0000°; N 0.1040, Plg24.0000°, Azm253.0000°; P -2.7550, Plg63.0000°, Azm46.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 25.20:37.2, 0.5, 17.91N:0.03:66.81W:0.01, h15km, 2km, n837, $\phi=14/900$, m5.1/176, MS4.1/22, 46C-52D, Puerto Rico region

Code	Station Name	Δ°	AZ°	Phase ID	ISC Op	Time h m s	Res ISC
GBPR	Guanica, Bosqu	0.09	317	Pg		20 20 41.5 +1.0	
GBPR	Guanica, Bosqu	0.09	317	iP		20 20 41.5 +1.0	
MLPR	Maguayes Islan	0.23	286	Sg		20 20 43.2 +0.1	
MLPR				iP		20 20 47.0 0.0	
MLPR				Sg		20 20 47.9	
MLPR				iP		20 20 48.0	
OBIP	Obispado Ponce	0.24	55	Pb		20 20 42.7 -0.5	
OBIP				Sg		20 20 45.8 -0.3	
OBIP	Obispado Ponce	0.24	55	iP		20 20 43.0 -0.3	
OBIP				eS		20 20 46.1 0.0	
OBIP				iP		20 20 46.4	
OBIP	Obispado Ponce	0.24	55	iP		20 20 43.0 -0.2	
OBIP				eS		20 20 46.0 -0.1	
CELP	Cerrillos	0.28	53	Sg		20 20 43.1 0.0	
CELP				Sg		20 20 47.0 -0.3	
CELP				iP		20 20 47.5	
CRPR	Cabo Rojo, PR	0.30	289	Pb		20 20 44.1 -0.2	
CRPR				Sg		20 20 48.5 -0.5	
CRPR				iP		20 20 48.8	
CRPR	Cabo Rojo, PR	0.30	289	iP		20 20 52.5	
CRPR	Cabo Rojo, PR	0.30	289	eP		20 20 44.2 -0.1	
CRPR				iP		20 20 48.3 +0.5	
CRPR				iP		20 20 49.1	
CRPR	Cabo Rojo, PR	0.30	289	iP		20 20 44.1 -0.1	
CRPR				eS		20 20 48.3 +0.5	
CRPR				iP		20 20 48.9	
CRPR	Cabo Rojo, PR	0.30	289	iP		20 20 44.5 +0.2	
CRPR				eS		20 20 48.3 +0.5	
UUPR	Utua, UPR, P	0.35	14	Sg		20 20 43.5 -1.1	
UUPR				Sg		20 20 47.3 -2.3	
LSP	Las Mesas	0.37	316	Pg		20 20 44.6 -0.2	
LSP	Las Mesas	0.37	316	eP		20 20 44.0 -0.2	
PRSN	Puerto Rico Se	0.44	314	Pg		20 20 45.5 -0.6	
PRSN				Sg		20 20 50.8 -1.3	
PRSN	Puerto Rico Se	0.44	314	eP		20 20 45.7 -0.4	
PRSN				iP		20 20 52.2	
PRSN	Puerto Rico Se	0.44	314	iP		20 20 45.7 -0.4	
PRSN				eS		20 20 50.9 -1.2	
ECPR	Experimental S	0.59	46	Pg		20 20 47.7 -1.2	
ECPR				iP		20 20 56.0	
ECPR				iP		20 20 59.4	
ECPR	Experimental S	0.59	46	iP		20 20 48.5 -0.5	
ECPR				eS		20 20 54.8 -2.0	
AGPR	Aguadilla, PR	0.63	333	Pg		20 20 48.1 -1.4	
AGPR				iP		20 21 03.8	
AGPR				iP		20 21 06.4	
AGPR	Aguadilla, PR	0.63	333	Pg		20 20 48.4 -1.2	
AGPR				S		20 20 52.2 +0.7	
AGPR	Aguadilla, PR	0.63	333	eS		20 20 55.7 -2.1	
AGPR				iP		20 21 03.9	
AGPR	Aguadilla, PR	0.63	333	iP		20 20 48.3 -1.2	
AGPR				iP		20 20 53.6	
AGPR	Aguadilla, PR	0.63	333	eS		20 20 56.2 -1.7	
AGPR				eS		20 20 48.4 -1.2	
EMPR	Esperanza - Ma	0.63	25	Pg		20 20 56.2 -1.6	
EMPR				Sg		20 20 48.7 -0.9	
EMPR	Esperanza - Ma	0.63	25	iP		20 20 56.4 -1.5	
EMPR				eS		20 20 48.7 -0.9	
EMPR				eS		20 20 56.4 -1.5	
SJG	San Juan	0.66	72	Pg		20 20 49.7 -0.5	
SJG				Lg		20 20 57.7	
SJG	San Juan	0.66	72	Pg		20 20 49.3 -0.9	
SJG				eS		20 20 58.9 -1.0	
SJG				eS		20 20 49.1 -1.1	
SJG	San Juan	0.66	72	eP		20 20 49.9 -0.3	

RCC	Rio Carpintero	8.66	285	iP		20 22 42.3 +0.3	
RCC				iP		20 23 04.7	
RCC				iP		20 24 17.7 -1.8	
RCC				iP		20 22 44.3 -0.3	
RCC				iP		20 24 20.8 -3.3	
RCC				iP		20 22 44.5 -0.3	
RCC				iP		20 23 04.6	
RCC				iP		20 23 14.8	
RCC				iP		20 24 20.8 -3.7	
RCC				iP		20 22 47.7 +2.1	
RCC				iP		20 22 50.8 +1.1	
RCC				iP		20 23 01.5	
RCC				iP		20 24 34.8 +1.6	
RCC				iP		20 22 51.1 +0.1	
RCC				iP		20 22 51.3 +0.3	
RCC				iP		20 24 29.9 -5.7	
RCC				iP		20 22 51.5 0.0	
RCC				iP		20 24 35.4 -1.1	
RCC				iP		20 22 53.1 +0.3	
RCC				iP		20 22 54.0 +0.6	
RCC				iP		20 22 57.0 +0.5	
RCC				iP		20 24 40.2 -5.3	
RCC				iP		20 27 07.3	
RCC				iP		20 22 56.5 0.0	
RCC				iP		20 22 57.6 +1.0	
RCC				iP		20 22 58.1 +1.5	
RCC				iP		20 22 58.8 +0.1	
RCC				iP		20 24 46.5 -2.9	
RCC				iP		20 23 03.5 +0.2	
RCC				iP		20 23 03.2 -8.6	
RCC				iP		20 24 59.6 -1.3	
RCC				iP		20 23 28.3 +0.5	
RCC				iP		20 23 34.7 +1.5	
RCC				iP		20 23 37.3 +0.1	
RCC				iP		20 23 38.0 +0.2	
RCC				iP		20 23 46.2 -1.4	
RCC				iP		20 24 02.8 +2.4	
RCC				iP		20 24 01.8 +0.5	
RCC				iP		20 24 58.6 -2.7	
RCC				iP		20 24 08.6 +0.5	
RCC				iP		20 26 51.7 -1.7	
RCC				iP		20 30 05.2	
RCC				iP		20 24 06.9 -1.2	
RCC				iP		20 24 07.1 -1.8	
RCC				iP		20 24 16.3	
RCC				iP		20 24 13.3 -1.5	
RCC				iP		20 24 23.3 -1.4	
RCC				iP		20 24 23.3 -1.4	
RCC				iP		20 24 25.3 +1.1	
RCC				iP		20 24 29.9 +0.3	
RCC				iP		20 24 29.8 +0.1	
RCC				iP		20 24 33.1 +0.5	
RCC				iP		20 24 37.2 -0.6	
RCC				iP		20 24 48.0 +2.5	
RCC				iP		20 24 48.7 +1.8	
RCC				iP		20 24 52.3 -1.2	
RCC				iP		20 24 56.3 -0.2	
RCC				iP		20 25 17.6 +2.7	
RCC				iP		20 25 14.7 +0.8	
RCC				iP		20 25 14.5 +0.5	
RCC				iP		20 25 22.2 +0.3	
RCC				iP		20 25 20.5 +0.2	
RCC				iP		20 25 29.3	
RCC				iP		20 25 20.5 +0.2	
RCC				iP		20 25 21.6 +1.3	
RCC				iP		20 25 24.2 +1.3	
RCC				iP		20 25 26.2 +1.8	
RCC				iP		20 25 26.2 +0.8	
RCC				iP		20 25 30.9	
RCC				iP		20 25 26.2 +0.8	
RCC				iP		20 25 27.9 -0.9	
RCC				iP		20 25 34.2	
RCC				iP		20 25 30.5 +1.7	
RCC				iP		20 25 31.1 -0.3	
RCC				iP		20 25 29.9 0.0	
RCC				iP		20 25 42.2	
RCC				iP		20 25 30.9 +0.3	
RCC				iP		20 25 31.1 -0.2	
RCC				iP		20 25 39.5 +1.5	
RCC				iP		20 25 39.5 +1.5	
RCC				iP		20 34 58.5	
RCC				iP		20 25 48.8 +0.9	
RCC				iP		20 25 58.9	
RCC				iP		20 25 44.1 +0.3	
RCC				iP		20 29 54.6 -0.7	
RCC				iP		20 25 43.8 0.0	
RCC				iP		20 26 01.5	
RCC				iP		20 25 47.7 +0.3	
RCC				iP		20 26 02.7	
RCC				iP		20 25 49.8 +1.0	
RCC				iP		20 26 05.6	
RCC				iP		20 25 53.6 +0.3	
RCC				iP		20 25 53.8 -0.3	

25d 20h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like N32M Quiet Lake, S32K Killisnoo, R32K Eaglecrest, etc.

2020 JAN

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like J26L Joseph Creek, VSL Villasalto, FUORN Offenpass-Fuorn, etc.

1764

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like CKRC Cesky Krumlov, CKRC Cesky Krumlov, PVCC Panska Ves, etc.

Table with 4 columns: Station Name, Azimuth, Elevation, and other parameters. Includes stations like GUYB, BAHB, NOVRB.

DJA 25 20:37:59.9-0.2, 5.3:3.13' 0E", h201km, 4km, M4.5/19, mB5.0/4, mb4.3/13, MLV4.6/19, Mw(mb)4.3/4, IDC 25 20:37:59.4-1.7, 4.97S-129.68E, h202km, 19km, mb3.6/9, mbtmp4.2/14, Error ellipse: s-maj=24.2km s-min=13.0km az=88.0

NEIC 25 20:37:59.9-1.7, 4.96S-129.7E-0.1, h207km, 10km, mb4.1/18, Error ellipse: s-maj=15.2km s-min=9.0km az=109.0

ISC 25 20:37:58.3-0.5, 5.03S-104.129.70E-0.05, h200km, n83, e171/89, mb4.0/17, 1D, Banda Sea

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Lists numerous stations like BNDI, MSAI, AAI, etc.

comp=Z,3.9nm,1.2s

NEIC 25 20:51:52.6:1.1, 17.807N:0.007:66:83W:0.0/1, h10km, 2km, ML2.9/35, M2.8/7(RSPR), Error ellipse: s-maj=3.2km s-min=2.0km az=350.0, SDD 25 20:51:53.6:0.6, 17.88N:66:85W, h23km, 5km, MD3.4, ML2.7, MW3.4, Presumed earthquake, RSPR 25 20:51:53.6, 17.88N:66.86W, h9km, MD2.7, ISC 25 20:51:53.4:1.2, 17.86N:0.036:66.84W:0.02, h15km, 6km, n37, e070/64, 8C-7D, Puerto Rico region

Main station list table for the 2020 JAN section, including stations like GBPR, BNDI, MSAI, etc.

IDC 25 21:07:32.3:0.8, 16.60N:79.88E, h0km, mb4.0/21, mbtmp4.1/23, ML3.9/2, MS3.7/7, Error ellipse: s-maj=19.7km s-min=15.1km az=24.0, NEIC 25 21:07:34.3:1.3, 16.68N:0.09:79.90E:0.09, h10km, 1km, mb4.5/42, Error ellipse: s-maj=15.1km s-min=13.8km az=131.0, NDI 25 21:07:53.0:1.4, 16.86N:79.94E, h11km, 4km, ML4.4, MW4.4, mb4.5(NEIC), ISC 25 21:07:33.9-0.4, 16.59N:0.03:79.82E:0.04, h10km, n111, e252/111, mb4.4/50, MS3.8/6, 2D, Southern India

Main station list table for the 2020 JAN section, including stations like VJD, HYB, AKL, etc.

Main station list table for the 25d 21h section, including stations like BLSP, POO, JHSG, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like HNR Honiara, QLP Quilpie, STKA Stephens Creek, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like MORW Morawa, PSAC2 Pilbara Seismi, FAKI Fak Fak, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like PLCA Paso Flores, PDSI Padang, TPUB Ta-pu, etc.

25d 21h

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 HNS HongShan, KHL Kul'dur, PINE Pine Mountain, etc.

2020 JAN

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 MNK Minsk, NOA NORSAR Array B, BR131 Keskin Array S, etc.

1770

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 OTVZ Oturere, NNWZ North Ngauruhoe, NWVZ West Tongararo, etc.

ISK 25.21:31.10.1, 38.24N-38.88E, h5km, ML3.0/13
AFAD 25.21:31.11.1, 38.26N-38.88E, h7km, 2km, ML2.7
ISC 25.21:31.10.9.1, 4.38.25N.0.03-38.88E.0.02, h9km, 12km, n25, c082/35, Turkey

IDC 25.21:26.01.7, 1.8.35:35S; 179:51W, h0km, mb4.3/3,
mbtmp4.3/4, ML3.8/1, Error ellipse: s-maj=64.3km,
s-min=36.4km az=152.0
NEIC 25.21:26.02.5, 1.3.35:7S.0:1, 179:41W.0:08, h10km, 2km,
mb4.5/8, Error ellipse: s-maj=17.6km s-min=10.1km
az=15.0

WEL 25.21:26.06.3, 1.0.36:5S; 7:17.9W.1, h33km, M4.3/12,
ML4.3/21, ML3.1/12, Error ellipse: s-maj=11.8km,
s-min=5.9km az=101.2, confirmed

ISC 25.21:26.02.6-1.0, 35.61S; 0:07-179:5W.0:1, h10km, n61,
c216/68, mb4.5/7, East of Irian Jaya

Table with columns: Code, 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 URZ Urewera, PRGZ Paritu Road, EDJR Edgecumbe, etc.

NEIC 25.21:38.03.9, 1.0.18:05N.0:02-66:810W.0:009,
h10km, 1km, ML3.1/33, M2.9/8(RSPR), Error ellipse:
s-maj=5.5km s-min=2.3km az=167.0
RSPR 25.21:38.03.2, 18:00N-66:81W, h16km, MD2.9/8
SDD 25.21:38.03.7, 18:01N-66:78W, h20km, g9m, MD3.7,
ML2.8, MW3.1, Presumed earthquake

ISC 25.21:38.02.6-0.9, 18:00N.0:04-66:80W.0:02, h19km, 2km,
n37, c061/63, 6C-40, Puerto Rico region

Table with columns: Code, 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 GBPR Guanica, Bosqu, OBIP Obispo Ponce, etc.

Table with columns: UUPR, CRPR, PRSN, etc. Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Utado, Cabo Rojo, Las Mesas, Puerto Rico Se, etc.

IDC 25 21:39:58.8±2.2, 1.02S:91.70W, h0km, mb3.8/8, mbtmp3.8/9, ML3.8/1, MS3.5/3, Error ellipse: s-maj=63.8km s-min=27.2km az=30.0

NEIC 25 21:40:01.9±1.1, 1.05S:1.9147W:0.07, h10km, 2km, mb4.4/25, Error ellipse: s-maj=20.0km s-min=12.0km az=169.0

ISC 25 21:40:00.1±0.9, 1.15S:1.9157W:0.08, h10km, n53, ±0.83±0.6, mb3.4/17, Galapagos Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Puerto Ayora, Carate, Otavalo, etc.

Table with columns: PDAR, HLD, FCC, YKA, ILAR, ESDC, H1N3, H1N2, H1N1, H1S2, H1S1, H1S3, ZALV, KURBS, HNC, NJ2, PZH, etc. Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Pinedale Array, Hailey, Lac du Bonnet, Fort Churchill, etc.

ISK 25 21:43:41.8, 38.23N:38.78E, h12km, ML2.3/7 AFAD 25 21:43:43.7, 38.28N:38.80E, h7km, 2km, ML2.6

ISC 25 21:43:42.1±1.1, 38.25N:0.03:38.77E±0.04, h11km±12km, n14, ±0.50/22, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Malaty/Merkez, Elazig, NARI, etc.

UPP 25 21:46:10.2±0.0, 67.84N:20.21E, h0km, ML2.7, Confirmed Induced event

HEL 25 21:46:10.2±0.2, 67.84N:20.16E, h0km, ML1.6, Suspected explosion

IDC 25 21:46:11.5±1.2, 67.82N:20.70E, h0km, mbtmp3.1/4, ML1.9/4, Error ellipse: s-maj=23.5km s-min=9.4km az=120.0

BER 25 21:46:12.2±2.5, 67.81N:20.35E, h0km, Suspected explosion

ISC 25 21:46:10.4±0.8, 67.84N:0.03:20.24E±0.03, h0km, n35, ±0.93/47, Sweden

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

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

NOU 25 21:54:04.3, 34.04S:175.99W, h39km, MLv4.6/6, South of Kermadec Islands

IDC 25 21:54:45.2±5.2, 35.35S:180.00W, h0km, mb3.8/2, mbtmp3.8/3, ML3.6/1, Error ellipse: s-maj=61.9km s-min=34.3km az=124.0

WEL 25 21:54:47.2±0.9, 36.58S:17.97W, h12km, ML4.0/13, MLv4.0/13, Error ellipse: s-maj=12.3km s-min=7.1km az=133.1, confirmed

ISC 25 21:54:46.9±1.7, 36.05S:0.1x179.2W:0.1, h10km, n32, ±1.92/46, East of North Island

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

ISC 25 21:56:29.6, 39.03N:27.81E, h9km, ML3.6/22 AFAD 25 21:56:29.3, 39.02N:27.85E, h7km, 2km, MW3.3

THE 25 21:56:30.9, 39.02N:27.85E, h10km, 9km, ML3.2/14, MLh3.2/14

ISC 25 21:56:30.3±0.8, 39.00N:0.02:27.80E±0.02, h11km±6km, n60, ±1.21/83, 4C-100, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Akhisar, Soma-Manisa, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like OBIP Obispado Ponce, CELP Cerrillos, UUPR Utuado, etc.

VIE 25 22:36:06.7, 0.8, 51.41N, 16.38E, h0km, mb2.5/1, m2.4/2, Error ellipse: s-maj=9.2km s-min=5.4km az=68.0 56 km NW of Wrocław Suspected Mining induced.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KSP Ksiadz, CHVC Chwalec, OSTC Ostas, etc.

ISK 25 22:38:01.7, 39.02N, 27.83E, h5km, ML3.6/24 AFAD 25 22:38:01.7, 39.01N, 27.84E, h7km, 2km, ML2.8 THE 25 22:38:04.1, 39.1N, 2.2, 8E, h9km, 13km, M2.9/13, MLh2.9/13

Main table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AKHS Akhisar, AKS Akhisar, SOMA Soma-Manisa, etc.

NIED 25 22:45:08.8, 33.13N, 128.61E, h16km, MW3.6, Moment Tensor Solution. s3 Moment tensor: Scale 10^14 Nm; Mw=0.67; Ms=0.82; Ms0=1.49; Mo=0.47; Mw0=0.45; Fault plane solution: M2-4800x1014 NP1: 0.165, 0.0000; 0.378, 0.0000; 0.12, 0.0000.

JMA 25 22:45:08.0, 1.331N, 0.2, 128.6E, 0.4, h16km, 1km, MW3.9/3.6D, GTO ISLANDS REGION, South Korea

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JFU Fukue jima 2, JNGS Nagasaki, etc.

IDC 25 23:02:47.9, 0.9, 33.00N, 75.83E, h0km, mb3.6/15, mbmp3.6/17, ML3.4/2, Error ellipse: s-maj=22.3km s-min=15.8km az=44.0 NDI 25 23:02:52.9, 1.6, 32.90N, 75.92E, h11km, 4km, ML3.6, MW3.5 NNC 25 23:02:56.4, 4.3, 31.61N, 75.30E, h0km, mb3.8, Error ellipse: s-maj=55.6km s-min=32.9km az=118.1

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like THN Thein Dam, DHRM DHARAMSHALA, JMU Jammu, etc.

DJA 25 23:03:27.8, 1.8, 9.5S, 6.11E, h22km, 16km, M3.7/18, mb4.1/3, MLV3.6/18, South of Jawa

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PCJ1 Pacitan, UGM Wanagama, etc.

CATAC 25:23:07.06,7.0,4.11,NL2.8*87W, h10km,3km, M4.5/35, ML4.5/35, Error ellipse: s-maj=4.6km s-min=3.0km az=46.6, confirmed
SNET 25:23:07.09,0.1,0.11,32N,86.73W, h15km,759km, ML4.2, Presumed earthquake
NEIC 25:23:07.11,0.1,8.11,31N,0.05,86.69W,0.06, h42km,7km, mb4.3/27, Error ellipse: s-maj=9.2km s-min=5.5km az=57.0
UCR 25:23:07.10,7.1,4.11,43N,86.65W, h72km,37km, MW4.8, Presumed earthquake
IDC 25:23:07.12,4.1,1.11,33N,86.42W, h46km,14km, mb3.77, mbmp4.0,9,ML3.9/2,MS3.4/4, Error ellipse: s-maj=41.3km s-min=8.9km az=44.0
ISC 25:23:07.11,2.1,0.11,30N,0.04,86.79W,0.04, h54km,9km, n148,019/219,mb4.3/22,MS3.3/2C-15D, Near coast of Nicaragua

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

Table with columns: DRIO, Del Rio, 22.16 326, P, 23 12 03.3 +0.6. Lists seismic events with station names and magnitudes.

IDC 25:23:28.26,0.0,7.51,25N,179.81W, h0km, mb4.1/25, mbmp4.1/26,ML4.0/1,MS3.4/18, Error ellipse: s-maj=21.6km s-min=13.5km az=172.0
MOS 25:23:28.0,0.9,5.1,25N,179.83W, h17km, mb4.8/32, Error ellipse: s-maj=10.9km s-min=7.3km az=111.3
NEIC 25:23:28.3,2.4,5.1,06N,0.07,179.84W,0.06, h10km,1km, mb4.4/66,ML4.1/12,ML3.8(AEIC), Error ellipse: s-maj=11.7km s-min=6.6km az=191.0
AEIC 25:23:28.29,5.2,5.0,88N,0.07,179.88W,0.07, h26km,5km, Error ellipse: s-maj=10.4km s-min=5.8km az=189.0
ISC 25:23:28.32,5.0,5.1,15N,0.08,179.93W,0.03, h39km, n237,01903/231,mb4.9/1,MS3.4/15,15C-11D, Andean Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the Andean Islands region.

Table with columns: SHEM, comp=E,35m,0.3s,baz=291,slow=18,SNR=4.1. Lists seismic events with station names and magnitudes.

Table with columns: OMEGA, comp-Z, 12nm, 2.9s, eS, Sn, 01 43 28.5 -3.8, NEEM North Greenlan, 9.75 279 i/P, Pn, 01 42 29.1 -0.8, etc.

IDC 26 01:57:52.1-8.7, 24.775S:178.91W, h282km, 80km, mb3.3/5, mbmp4.1/6, Error ellipse: s-maj=53.7km s-min=37.0km az=4.0

NEIC 26 01:58:07.9-1.1, 25.235S:0.078:179.6W, 0.2, h39km, mb4.1/9, Error ellipse: s-maj=25.4km s-min=12.3km az=90.0

ISC 26 01:58:06.6:0.6, 25.235S:0.06:179.5W:0.1, h400km, n53, r1548/64, mb3.8/9, South of Fiji Islands

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, RAO Raoul Island, 4.24 161 P, Pn, 01 59 21.9 +1.0, etc.

Table with columns: STKA Stephens Creek, 34.69 250 P, Pn, 02 04 21.4 +0.6, AS31 Alice Springs, 42.31 262 P, Pn, 02 05 23.4 -0.0, etc.

Table with columns: ASAR Alice Springs, 42.31 262 P, Pn, 02 05 23.4 +0.2, WRA Warramunga Arr, 42.31 267 P, Pn, 02 05 27.1 -0.3, etc.

Table with columns: WRA Warramunga Arr, 42.31 267 P, Pn, 02 05 27.1 -0.3, WUE Uwekahuna, 50.23 30 P, Pn, 02 06 26.5 +2.2, etc.

Table with columns: KRSR Korea Array, 79.57 320 P, Pn, 02 09 27.4 -3.0, ILAR Eileison Array, 93.21 13 P, Pn, 02 10 31.6 -4.6, etc.

Table with columns: BVAR Borovoye Array, 121.75 318 PKP, PKPpdf, 02 16 13.8 +0.4, HFS Hagfros, 143.94 349 PKP, PKPpdf, 02 16 50.8 -2.6, etc.

Table with columns: MMAI Mount Meron Arr, 148.67 292 PKP, PKPpdf, 02 17 07.0 -0.8, BRTR Keskin Array B, 148.75 306 PKP, PKPpdf, 02 17 06.1 +2.6, etc.

Table with columns: BUR08 Bucoquina Ar. S, 150.32 325 PKP, PKPpdf, 02 17 10.7 -0.7, BUR09 Bucoquina Array, 150.33 325 PKP, PKPpdf, 02 17 11.1 -0.3, etc.

Table with columns: GBPR Guanica, Bosqu, 0.12 355 P, Pn, 01 59 30.0 -0.0, GBPR Guanica, Bosqu, 0.12 355 P, Pn, 01 59 30.0 -0.0, etc.

Table with columns: OBIP Obispo Ponce, 0.31 53j, eS, Sb, 01 59 37.5 -0.2, OBIP Obispo Ponce, 0.31 53j, eS, Sb, 01 59 37.5 -0.2, etc.

Table with columns: PRSN Puerto Rico Se, 0.44 324 IAML, Pn, 01 59 35.2 -0.1, PRSN Puerto Rico Se, 0.44 324 IAML, Pn, 01 59 35.2 -0.1, etc.

Table with columns: PRSN Puerto Rico Se, 0.44 324 IAML, Pn, 01 59 35.2 -0.1, PRSN Puerto Rico Se, 0.44 324 IAML, Pn, 01 59 35.2 -0.1, etc.

Table with columns: PRSN Puerto Rico Se, 0.44 324 IAML, Pn, 01 59 35.2 -0.1, PRSN Puerto Rico Se, 0.44 324 IAML, Pn, 01 59 35.2 -0.1, etc.

Table with columns: PRSN Puerto Rico Se, 0.44 324 IAML, Pn, 01 59 35.2 -0.1, PRSN Puerto Rico Se, 0.44 324 IAML, Pn, 01 59 35.2 -0.1, etc.

Table with columns: PRSN Puerto Rico Se, 0.44 324 IAML, Pn, 01 59 35.2 -0.1, PRSN Puerto Rico Se, 0.44 324 IAML, Pn, 01 59 35.2 -0.1, etc.

Table with columns: PRSN Puerto Rico Se, 0.44 324 IAML, Pn, 01 59 35.2 -0.1, PRSN Puerto Rico Se, 0.44 324 IAML, Pn, 01 59 35.2 -0.1, etc.

Table with columns: DR12 Loma Peña Alta, 2.56 292 P, Pn, 02 00 09.1 +2.5, HAT0M Hato Mayor del, 2.56 292 IeSg, Pn, 02 00 10.0 -1.4, etc.

Table with columns: SC01 Santiago de lo, 3.98 294 P, Pn, 02 00 32.5 -3.2, LOVI El Cajulí, Ovi, 4.29 270 i/P, Sn, 02 00 30.7 +0.4, etc.

GII 26 02:22:06.0:0.0, 41.310N:0.003:39.891E:0.001, h0km, Mw5.4-7, confirmed

MED_RC 26 02:22:45.0:0.4, 38.24N:38.80E, h17km, 1km, MW4.6/20, Moment Tensor Solution. Body waves: s1,c1,Manite waves: s20,c25. Duration: 1s0. Moment tensor: Scale 1016Nm; Mw=0.34; 05; Ms=1.04; 09; Mb=0.25; 12; Mw0.50: 05; Mw0.20: 09. Best double couple: M=1.060000*1016 NP1=331.000000; 869.000000, lambda=173.000000. NP2=238.000000; 883.000000, lambda=21.000000. Principal axes: T 1.2200, Plg10.0000, Azm40.0000; P -0.9000, Plg20.0000, Azm192.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=35s.

ISK 26 02:22:45.0:0.4, 38.26N:38.80E, h5km, ML4.5/35 AFAD 26 02:22:45.9:0.8, 38.24N:38.80E, h12km, 1km, MW4.3 IDC 26 02:22:47.1:0.7, 38.38N:38.75E, h0km, mb4.2/22, mbmp4.1/33, ML3.8/10, MS3.8/49, Error ellipse: s-maj=13.4km s-min=8.3km az=166.0

MOS 26 02:22:48.1:0.9, 38.25N:38.80E, h17km, mb4.6/20, Error ellipse: s-maj=5.5km s-min=3.9km az=97.9 DSN 26 02:22:48.9:1.3, 38.17N:38.75E, h10km, mb4.6/2, Error ellipse: s-maj=2.1km s-min=4.8km az=88.0

NEIC 26 02:22:49.1:2.3, 38.25N:0.03:38.80E:0.03, h10km, 1km, mb4.4/42, Error ellipse: s-maj=5.9km s-min=4.3km az=388.0 MCSM 26 02:22:49.1:1.0, 38.16N:6.33E, h11km, 3km, mb4.4, ML4.3

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ELZG Elazig, 0.28 30 Op, P, 02 22 52.4 -0.6, ELZG Elazig, 0.28 30 S, P, 02 22 52.7 0.0, etc.

Table with columns: GZT Gaziantep, 1.33 228 P, Pn, 02 23 11.2 -2.1, GZT Gaziantep, 1.33 228 P, Pn, 02 23 11.2 -2.1, etc.

Table with columns: SURC SANLIURFA_SURC, 1.38 186 P, Pn, 02 23 11.7 -2.2, SURC SANLIURFA_SURC, 1.38 186 P, Pn, 02 23 11.7 -2.2, etc.

Table with columns: NIZIP Nizip/Gaziantep, 1.50 217 P, Pn, 02 23 30.9 -1.4, NIZIP Nizip/Gaziantep, 1.50 217 P, Pn, 02 23 30.9 -1.4, etc.

Table with columns: ERZC Erzinca, 1.51 28 Pn, Pn, 02 23 38.9 -0.9, ERZC Erzinca, 1.51 28 Pn, Pn, 02 23 38.9 -0.9, etc.

Table with columns: KHMN Nari-Kahraman, 1.56 237 Pn, Pn, 02 23 14.9 -1.5, KHMN Nari-Kahraman, 1.56 237 Pn, Pn, 02 23 14.9 -1.5, etc.

Table with columns: KHMN Nari-Kahraman, 1.56 237 Pn, Pn, 02 23 14.9 -1.5, KHMN Nari-Kahraman, 1.56 237 Pn, Pn, 02 23 14.9 -1.5, etc.

Table with columns: KHMN Nari-Kahraman, 1.56 237 Pn, Pn, 02 23 14.9 -1.5, KHMN Nari-Kahraman, 1.56 237 Pn, Pn, 02 23 14.9 -1.5, etc.

Table with columns: BR105 Keskin Array S, 4.30 291 P, Pn, 02 23 54.0 -0.1, BR106 Keskin Array S, 4.30 292 P, Pn, 02 23 54.0 -0.2, etc.

Table with columns: GNI Garm, 4.99 66 P, Pn, 02 24 05.1 +1.4, GNI Garm, 4.99 66 P, Pn, 02 24 05.1 +1.4, etc.

Table with columns: GNI Garm, 4.99 66 P, Pn, 02 24 05.1 +1.4, GNI Garm, 4.99 66 P, Pn, 02 24 05.1 +1.4, etc.

Table with columns: GNI Garm, 4.99 66 P, Pn, 02 24 05.1 +1.4, GNI Garm, 4.99 66 P, Pn, 02 24 05.1 +1.4, etc.

Table with columns: HNTI Hanita, 5.95 211 P, Pn, 02 24 16.8 +0.1, HNTI Hanita, 5.95 211 P, Pn, 02 24 16.8 +0.1, etc.

Table with columns: HNTI Hanita, 5.95 211 P, Pn, 02 24 16.8 +0.1, HNTI Hanita, 5.95 211 P, Pn, 02 24 16.8 +0.1, etc.

Table with columns: HNTI Hanita, 5.95 211 P, Pn, 02 24 16.8 +0.1, HNTI Hanita, 5.95 211 P, Pn, 02 24 16.8 +0.1, etc.

Table with columns: HNTI Hanita, 5.95 211 P, Pn, 02 24 16.8 +0.1, HNTI Hanita, 5.95 211 P, Pn, 02 24 16.8 +0.1, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time Res, I, S, C. Includes stations like Alice Springs, Lanzhou, PanZhiHu, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time Res, I, S, C. Includes stations like Diyarbakir, anIurfa/Hi, Adyaman-Merk, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time Res, I, S, C. Includes stations like Puerto Rico Se, Las Mesas, Aguililla, PR, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time Res, I, S, C. Includes stations like Sivrice-ELAZID, Elazig, Maden, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time Res, I, S, C. Includes stations like Higey Centro, Higey, Isla Desecho, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time Res, I, S, C. Includes stations like Willy Bob, Broadband at M, Morne Mazeau, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Saint Lucia, Greenville, Mount Denham, Santo Domingo, etc.

SDC 26 02:50:31.7z 1.1, 13.65N:145.03E, h52km, 10km, mb3.3/8, mbtmp3.6/8, Error ellipse: s-maj=30.5km s-min=20.6km az=102.0

NEIC 26 02:50:32.9z 1.4, 13.52N:0.09:145.1E:0.1, h57km, 6km, mb4.2/1.1, Error ellipse: s-maj=18.1km s-min=11.3km az=115.0

ISC 26 02:50:32.4z 1.1, 13.5N:0.1:145.1E:0.2, h57km, 8km, n27, s-083/29, mb3.8/1.4, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Guam, Saipan, Warrungarra Arr, Alice Springs, etc.

NEIC 26 02:51:43.2z 0.9, 17.87N:0.03:66.794W:0.009, h10km, 1km, ML3.1/35, Md3.0/6(RSPR), Error ellipse: s-maj=4.8km s-min=2.2km az=356.0

RSPR 26 02:51:43.6z 1.3, 17.89N:66.80W, h9km, MD3.0/6, ISC 26 02:51:43.6z 1.3, 17.89N:0.06:66.79W:0.02, h13km, 7km, n32, s-060/50, 4C-80, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Guanica, Bosqu, Obispo Ponce, Maguayes Islan, etc.

WEL 26 03:00:17.0z 0.1, 35.5S:7.179E:1.6, h33km, M3.6/13, ML3.7/13, MLv3/6.13, Error ellipse: s-maj=21.0km s-min=8.0km az=106.5, confirmed, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Matakaoa Point, Waionatani S, White Island, etc.

NOU 26 03:01:12.0z 0.35:16S:177.67W, h0km, mb4.6/7, East of North Island, N.Z.

ISC 26 03:01:30.0z 2.3, 35.54S:179.56W, h0km, mb4.2/2, mbtmp4.1/3, ML3.8/11, MS3.6/3, Error ellipse: s-maj=65.3km s-min=33.5km az=134.0

WEL 26 03:01:33.5z 0.8, 36.5S:7.179E:1.6, h33km, M3.8/40, mb4.4/10, ML4.1/41, MLv4.2/40, Mw(mb)3.6/10, Error ellipse: s-maj=10.3km s-min=5.0km az=122.6, confirmed

ISC 26 03:01:33.7z 1.3, 35.25S:179.17W:0.09, h46km, n69, s-089/76, East of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Matakaoa Point, Waionatani S, White Island, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Urewera, Paruru Road, Myrzi Maroy Island, etc.

JMA 26 03:12:29.5z 0.1, 23.9N:0.4:121.7E:0.8, h52km, 1km, MV3.1/13, TAIWAN REGION

TAP 26 03:12:30.2z 23.92N:121.68E, h51km, ML3.9, C, ISC 26 03:12:30.4z 1.2, 23.93N:0.02:121.73E:0.02, h47km, 4km, n141, s-089/255, 7D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Yanliu Villag, Hwalien, Shoufeng, etc.

WHYT	Xinyi Township	0.83 256	P	Pn	03 12 46.1 +0.4
WHYT	Yeheng	0.83 337	I	S	03 12 57.5 +0.5
YHNB	Sanguang	0.84 336	I	S	03 12 45.8 -0.1
NSK	ILan	0.86 1	P	Pn	03 12 56.5 +0.6
FUSB	Fushanzhiwuyua	0.86 352	P	S	03 12 45.9 -0.1
CHKT	Chengkung	0.87 203	P	S	03 12 46.3 +0.2
CHKT	Wulai	0.89 347	I	S	03 12 46.0 -0.3
NWLT	Wufeng Townsh	0.91 323	P	S	03 12 57.7 -0.2
NFF	Chishang	0.93 210	P	S	03 12 45.6 -0.6
NFF	ALishan	0.93 245	P	S	03 12 56.9 -0.9
ECS	Mingjian	0.95 11	P	S	03 12 57.8 -0.8
AL	Lidau	0.96 223	P	S	03 12 47.4 +0.4
EGS	Liyutan	0.98 297	P	S	03 12 47.8 +0.7
WNT	Nanjiang	0.98 318	I	S	03 12 47.7 +0.4
EDTOW	Nanjung	0.98 318	I	S	03 12 59.1 +0.7
TWO1	Emei	0.98 318	I	S	03 12 47.5 +0.0
NSTT	Mei	0.98 318	I	S	03 12 48.3 +0.8
NSTT	TCU	0.99 284	P	S	03 13 01.4 +0.8
LIQB	TCU	1.00 330	P	S	03 12 48.0 +1.0
TCU	KSHI	1.00 330	P	S	03 13 01.9 +1.2
KSHI	KSHI	1.01 253	P	S	03 12 48.8 +0.9
CHNS	CHNS	1.02 300	P	S	03 12 48.6 +0.7
NSY	NSY	1.06 307	P	S	03 13 02.4 +1.5
NMLH	NMLH	1.07 5	P	S	03 12 49.2 +1.0
TIPB	TIPB	1.07 5	P	S	03 12 49.2 +1.0
NHHD	NHHD	1.07 350	P	S	03 12 49.2 +1.0
NHHD	NHHD	1.08 353	P	S	03 12 49.2 +1.0
TWA	TWA	1.08 280	P	S	03 12 49.2 +1.0
WCHH	WCHH	1.09 259	P	S	03 12 50.1 +0.8
WCK	WCK	1.09 279	P	S	03 12 50.1 +0.8
WCH1	WCH1	1.11 259	P	S	03 12 50.1 +0.8
WDL1	WDL1	1.11 259	P	S	03 12 50.1 +0.8
WDLH	WDLH	1.11 259	P	S	03 12 50.1 +0.8
SBCB	SBCB	1.11 323	P	S	03 12 50.1 +0.8
SBCB	SBCB	1.12 12	P	S	03 12 49.2 -0.1
WCKO	WCKO	1.13 246	P	S	03 13 05.6 +2.3
WCKO	WCKO	1.13 246	P	S	03 12 50.3 +0.8
HSN	HSN	1.13 322	P	S	03 13 05.5 +1.7
HSN	HSN	1.14 230	P	S	03 12 49.0 -0.6
STYH	STYH	1.14 230	P	S	03 13 05.2 +1.3
STYH	STYH	1.15 350	P	S	03 13 05.2 +1.3
WFSB	WFSB	1.16 2	P	S	03 12 50.3 +0.6
NCUH	NCUH	1.17 335	P	S	03 12 49.8 -0.1
NCUH	NCUH	1.17 335	P	S	03 12 49.8 -0.1
NCU	NCU	1.17 335	P	S	03 12 50.7 +1.4
NCU	NCU	1.17 335	P	S	03 12 50.5 +0.5
TPUB	TPUB	1.17 239	P	S	03 13 05.1 +0.7
CHN4	CHN4	1.18 242	P	S	03 12 50.8 -0.2
CHN4	CHN4	1.18 242	P	S	03 12 50.8 -0.2
SK11	SK11	1.19 6	P	S	03 12 50.8 -0.2
SK11	SK11	1.21 252	P	S	03 12 51.5 +0.5
CHN2	CHN2	1.21 252	P	S	03 12 51.5 +0.5
CHN2	CHN2	1.21 252	P	S	03 12 51.5 +0.5
WTP	WTP	1.21 238	P	S	03 12 51.5 +0.5
WTP	WTP	1.23 347	P	S	03 12 51.5 +0.5
TWS1	TWS1	1.23 209	P	S	03 12 51.5 +0.5
TWS1	TWS1	1.23 209	P	S	03 12 51.5 +0.5
TWGBT	TWGBT	1.23 209	P	S	03 12 51.5 +0.5
TWG	TWG	1.23 209	P	S	03 12 51.5 +0.5
TWG	TWG	1.23 209	P	S	03 12 51.5 +0.5
WRL	WRL	1.24 270	P	S	03 12 51.5 +0.5
WRL	WRL	1.24 270	P	S	03 12 51.5 +0.5
JYNG	JYNG	1.24 64	P	S	03 12 51.5 +0.5
TNOU	TNOU	1.24 2	P	S	03 12 51.5 +0.5
YMO1	YMO1	1.25 353	P	S	03 12 51.5 +0.5
YMO1	YMO1	1.26 252	P	S	03 12 51.5 +0.5
CHY1	CHY1	1.26 252	P	S	03 12 51.5 +0.5
SY	SY	1.26 205	P	S	03 12 51.5 +0.5
TTN	TTN	1.26 205	P	S	03 12 51.5 +0.5
TTN	TTN	1.26 352	P	S	03 12 51.5 +0.5
ZUZH	ZUZH	1.28 349	P	S	03 12 51.5 +0.5
NTST	NTST	1.28 349	P	S	03 12 51.5 +0.5
NTST	NTST	1.28 354	P	S	03 12 51.5 +0.5
YMO8	YMO8	1.30 64	P	S	03 12 51.5 +0.5
YMO8	YMO8	1.30 64	P	S	03 12 51.5 +0.5
YOJ	YOJ	1.30 64	P	S	03 12 51.5 +0.5
YOJ	YOJ	1.30 64	P	S	03 12 51.5 +0.5
YUJ	YUJ	1.30 241	P	S	03 12 51.5 +0.5
YUJ	YUJ	1.31 237	P	S	03 12 51.5 +0.5
CHN1	CHN1	1.32 239	P	S	03 12 51.5 +0.5
CHN1	CHN1	1.32 239	P	S	03 12 51.5 +0.5
SNST	SNST	1.32 269	P	S	03 12 51.5 +0.5
WTCT	WTCT	1.33 232	P	S	03 12 51.5 +0.5
WTCT	WTCT	1.37 355	P	S	03 12 51.5 +0.5
SGST	SGST	1.40 259	P	S	03 12 51.5 +0.5
TW	TW	1.40 259	P	S	03 12 51.5 +0.5
WSF	WSF	1.43 255	P	S	03 12 51.5 +0.5
WSF	WSF	1.43 255	P	S	03 12 51.5 +0.5
WSL	WSL	1.48 209	P	S	03 12 51.5 +0.5
ECL	ECL	1.50 249	P	S	03 12 51.5 +0.5
CHN8	CHN8	1.53 221	P	S	03 12 51.5 +0.5
CHN8	CHN8	1.53 221	P	S	03 12 51.5 +0.5
SSD	SSD	1.53 221	P	S	03 12 51.5 +0.5
SSD	SSD	1.58 243	P	S	03 12 51.5 +0.5
SCLT	SCLT	1.61 228	P	S	03 12 51.5 +0.5
TWM1	TWM1	1.63 218	P	S	03 12 51.5 +0.5
MASBT	MASBT	1.68 244	P	S	03 12 51.5 +0.5
MASBT	MASBT	1.68 244	P	S	03 12 51.5 +0.5
TSCK	TSCK	1.72 208	P	S	03 12 51.5 +0.5
TSCK	TSCK	1.83 214	P	S	03 12 51.5 +0.5
EAST	EAST	1.86 185	P	S	03 12 51.5 +0.5
SCZT	SCZT	1.88 76	P	S	03 12 51.5 +0.5
LAY	LAY	1.91 85	P	S	03 12 51.5 +0.5
IRIF	IRIF	2.00 252	P	S	03 12 51.5 +0.5
IRIF	IRIF	2.02 259	P	S	03 12 51.5 +0.5
LYUB	LYUB	2.02 259	P	S	03 12 51.5 +0.5
HATJ	HATJ	2.05 204	P	S	03 12 51.5 +0.5
WDGT	WDGT	2.11 80	P	S	03 12 51.5 +0.5
WDGT	WDGT	2.13 204	P	S	03 12 51.5 +0.5
PHUB	PHUB	2.22 252	P	S	03 12 51.5 +0.5
PHUB	PHUB	2.25 78	P	S	03 12 51.5 +0.5
PNG	PNG	2.34 298	P	S	03 12 51.5 +0.5
PNG	PNG	2.45 73	P	S	03 12 51.5 +0.5
SMST	SMST				
SMST	SMST				
JKRS	JKRS				
JKRS	JKRS				
TWKB	TWKB				
TWKB	TWKB				
TSEB	TSEB				
TSEB	TSEB				
QIMEI	QIMEI				
QIMEI	QIMEI				
ISHIGAKI	ISHIGAKI				
ISHIGAKI	ISHIGAKI				
VVUC	VVUC				
VVUC	VVUC				
ISHIGAKI	ISHIGAKI				

JISG	Ma-tsu	2.76 325	eP	Pn	03 13 35.4 -1.3
MATB	Kinnmen	3.05 280	eP	Pn	03 13 10.7 -1.4
KNM	Chin-men Tao	3.10 281	eP	Pn	03 13 17.1 +0.9
KNM	Jianjiangzhen	3.18 286	eP	Pn	03 13 52.5 +0.8
XPSS	Dashiqu	3.32 336	eP	Pn	03 13 15.5 -1.3
AXDP	Jialang	3.57 287	eP	Pn	03 13 26.9 +1.2
ZPLA	Do Xicun	3.64 271	eP	Pn	03 13 18.4 -1.4
DXSP	Aongshan	3.94 268	eP	Pn	03 13 21.9 -1.4
SXFK	Yanhouchang	4.46 305	eP	Pn	03 13 23.2 -1.0
				Pn	03 13 27.4 -1.0
				Pn	03 13 34.0 -1.5
IDC 26 03:17:45.2-1.2, 59:25N:153:94W, h95km, 14km, mb3.6/11, mbtm3.8/15, Error ellipse: s-maj=15.9km s-min=12.8km az=18.0					
NEIC 26 03:17:46.5-1.4, 59:21N:0:02-153:82W:0.07, h115km, 3km, ML3.6/149, ML3.5(AEIC), Error ellipse: s-maj=5.5km s-min=2.6km az=64.0					
AEIC 26 03:17:47.3-1.1, 59:20N:0:04-153:76W:0.08, h112km, 1km, Error ellipse: s-maj=5.8km s-min=5.3km az=22.0					
ISC 26 03:17:46.7-0.6, 59:23N:0:03-153:76W:0.04, h115km, 5km, n228, r191/218, mb4.0/11, Southern Alaska					
Code	Station Name	Lat	AZ	Phase ID	Time Res ISC
AUI	Augustine Isla	0.20	58	Op	Pn
AUI	Augustine West	0.21	46	Op	Pn
AUW	Augustine Cone	0.21	50	Op	Pn
AGU	Augustine-Summ	0.22	52	Op	Pn
AUJK	Augustine Jueg	0.22	56	Op	Pn
AUJK	Augustine Flow	0.23	44	Op	Pn
AUF	Augustine Moun	0.25	55	Op	Pn
AU22	Augustine Moun	0.25	55	Op	Pn
Q19K	Cape Douglas,	0.30	168	Op	Pn
Q19K	Oil Pt	0.51	32	Op	Pn
P19K	Katmai Pasha	0.70	206	Op	Pn
KAPH	Big Mountain,	0.77	283	Op	Pn
P18K	comp=N, 891nm, 0.6s			Op	Pn
P18K	comp=N, 650nm, 1.1s	0.81	25	Op	Pn
ILS	liamna Lou So	0.82	22	Op	Pn
ILSW	liamna Southw	0.82	22	Op	Pn
ILSW	comp=E, 2um, 0.5s	0.84	209	Op	Pn
KAHC	Katmai Hook G	0.87	229	Op	Pn
KAHC	Katmai Hardscr	0.87	229	Op	Pn
KAHC	liamna Volcan	0.88	25	Op	Pn
SY	Shuyak Island	0.94	130	Op	Pn
SYI	comp=E, 2um, 0.4s	0.97	311	Op	Pn
O18K	Koktuh Hills	0.97	311	Op	Pn
O18K	Koktuh Hills	0.97	311	Op	Pn
O18K	comp=N, 712nm, 0.5s			Op	Pn
O18K	comp=E, 691nm, 1.0s	1.00	213	Op	Pn
KA9W	Port Ailswhor	1.01	344	Op	Pn
O19K	comp=N, 2um, 0.4s	1.15	217	Op	Pn
KAKM	Katmai Knife C	1.17	67	Op	Pn
HOM	Homer	1.17	67	Op	Pn
HOM	Homer	1.17	67	Op	Pn
KABU	Katmai Buttres	1.24	220	Op	Pn
KABU	Redoubt Volcan	1.30	22	Op	Pn
RED	comp=E, 806nm, 0.8s			Op	Pn
RED	comp=N, 653nm, 0.7s	1.30	219	Op	Pn
ACHA	Angle Creek He	1.30	219	Op	Pn
CNPM	China Poot	1.33	76	Op	Pn
CNPM	comp=N, 610nm, 0.5s			Op	Pn
CNPM	comp=E, 845nm, 0.4s	1.33	76	Op	Pn
CNPM	China Poot	1.33	76	Op	Pn
RDWB	Redoubt West	1.35	20	Op	Pn
P17K	Kvichak River	1.38	270	Op	Pn
P17K	comp=N, 606nm, 1.2s			Op	Pn
P17K	comp=E, 681nm, 0.9s	1.56	69	Op	Pn
BRLK	Bradley Lake	1.56	69	Op	Pn
BRLK	comp=N, 831nm, 0.6s			Op	Pn
BRLK	comp=E, 532nm, 0.4s	1.57	156	Op	Pn
KDAK	Kodiak Island	1.57	156	Op	Pn
KDAK	comp=N, 198nm, 0.2s, baz=66, slow=3.8, SNR=97			Op	Pn
KDAK	comp=E, 603nm, 0.5s, baz=22, slow=5.2, SNR=30			Op	Pn
KDAK	comp=E, 123nm, 20.4s, baz=86, slow=44			Op	Pn
KDAK	Kodiak Island	1.57	156	Op	Pn
KDAK	comp=E, 1um, 0.5s	1.57	156	Op	Pn
N19K	Bonanza Creek	1.63	348	Op	Pn
N19K	comp=N, 375nm, 0.8s	1.79	289	Op	Pn
O17K	Koliganek Bris	1.81	325	Op	Pn
N18K	Kilae Creek	1.89	224	Op	Pn
PLK2	Peulik 2	2.03	173	Op	Pn
OHAQ	Old Harbor	2.03	173	Op	Pn
OHAQ	Old Harbor	2.03	173	Op	Pn
OHAQ	Old Harbor	2.03	173	Op	Pn
PLK3	Peulik 3	2.03	222	Op	Pn
PLK1	Peulik 1	2.07	227	Op	Pn
PLK4	Peulik 4	2.10	222	Op	Pn
PLK4	comp=E, 239nm, 0.8s			Op	Pn
PLK4	comp=N, 230nm, 0.9s			Op	Pn
SPU	Mount Spurr	2.14	23	Op	Pn
N17K	Nushagak Hills	2.16	309	Op	Pn
N17K	Nushagak Hills	2.16	309	Op	Pn
P16K	Nushagak River	2.19	267	Op	Pn

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for COLA, H20K, H19N, BARN, H18K, etc.

ISK 26 03:32:07.8, 38°39'N, 39°21'E, h5km, ML3.5/19
AFAD 26 03:32:08.1, 38°45'N, 39°25'E, h7km, 3km, ML3.4
ISC 26 03:32:08.4, 0.9, 38°41'N, 0.2, 39°23'E, h0.02, h8km, 17km, n28, c081/42, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for SVRC, ELZG, ELZG, ELZG, etc.

Table with columns: YEDI, YEDI, YEDI, SVAN, SVAN, SVAN, etc. Includes entries for YEDISU-BINGOL, SILVAN-DIYARBA, KARLIOVA-BINGO, etc.

IDC 26 03:41:48.4, 1.9, 0.87N, 124°9'E, h0km, mb3.2/3, mbmp3.2/3, MS2.7/1, Error ellipse: s-maj=190.2km s-min=26.1km az=64.0, Minihassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for DAV, WRA, ASAR, MKAR, etc.

ISK 26 03:53:10.5, 38°32'N, 38°92'E, h5km, ML2.9/17
AFAD 26 03:53:11.3, 38°28'N, 38°91'E, h7km, 2km, ML3.0
ISC 26 03:53:11.3, 1.0, 38°28'N, 0.03, 38°88'E, 0.03, h10km, 9km, n23, c0976/34, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for ELZG, ELZG, ELZG, SVRC, MAYA, etc.

BUJ 26 03:57:16.6, 51°05'N, 179°75'W, h27km, mb5.6/61, mb5.9/85, MS5.5/86, MS7.5/386

NEIC 26 03:57:18.9, 2.7, 51°05'N, 0.05, 179°93'W, 0.14, h15km, 2km, mb5.6/96, ML5.6/14, Ms. 20.5/1470, Mwb5.4/120, Mww5.6/89, ML5.2(AEIC), Error ellipse: s-maj=8.0km s-min=3.4km az=186.0, Moment Tensor Solution. Moment tensor: Scale 1017Nm; Mr:1.08; Mw:0.82; Mw:0.25; Mw:0.92; Mw:0.23; Mw:0.46; Fault plane solution: Mo:1.440000x1017, NP1:0.863000, 0.68, 130000, 1.73, 70000. NP2:0.299, 71000, 0.27, 34000, 1.25, 80000. Principal axes: T:1.5908, Plg3.0000, Azm324.0000; N:-0.3825, Plg16.0000, Azm87.0000; P:-1.1983, Plg21.0000, Azm183.0000.

GFZ 26 03:57:18.0, 51°16'N, 179°88'W, h27km, Mw5.5, Moment Tensor Solution. s61 Moment tensor: Mr1.98; Mw:1.87; Mw:0.11; Mw:0.63; Mw:0.32; Mw:0.06; Fault plane solution: NP1:0.760000, 0.36, 00000; N:1.830000; NP2:0.264, 00000, 0.54, 00000, 1.95, 00000; Azm156.0000.

NEIC 26 03:57:18.6, 51°05'N, 179°93'W, h26km, IDC 26 03:57:18.6, 1.3, 51°21'N, 179°94'W, h16km, 7km, mb5.1/43, mb5.1/47, ML4.9/3, MS5.0/92, Error ellipse: s-maj=12.1km s-min=8.6km az=166.0

NEIC 26 03:57:18.6, 50°75'N, 179°93'W, h26km, Moment Tensor Solution. Duration: 362 Moment tensor: Scale 1017Nm; Mr:1.86; Mw:2.11; Mw:0.25; Mw:0.27; Mw:0.89; Mr:1.51; Fault plane solution: Mo:3.730000x1017, NP1:0.270000, 0.22, 00000, 0.27, 00000, 1.22, 20000. NP2:0.565000, 0.70, 850000, 1.77, 370000. Principal axes: T:3.1674, Plg62.0000, Azm307.0000; N:0.3814, Plg12.0000, Azm61.0000; P:-3.5488, Plg25.0000, Azm156.0000.

ISC-PP 26 03:57:18.5, 51°05'N, 179°93'W, h23km, 10km, Mwppsm6.3, Moment Tensor Solution. s61 Moment tensor: Scale 1017Nm; Mr:0.30; Mw:0.25; Mw:0.61; Mw:0.26; Mw:0.56; 21; Mw:0.23; Mw:0.11; Mw:0.22; Mw:0.00; Fault plane solution: Mo:3.510000x1017, NP1:0.147, 00000, 0.65, 20000, 1.11, 60000. NP2:0.524000, 0.79, 50000, 1.54, 70000.

BGR 26 03:57:20.0, 50°90'N, 178°54'E, h33km, mb5.6, mB_BB.2, Ms5.1

NEIC 26 03:57:19.1, 51°05'N, 179°91'W, h16km, AEIC 26 03:57:19.1, 3.6, 51°06'N, 0.04, 179°89'W, 0.03, h6km, 3km, Error ellipse: s-maj=6.4km s-min=2.6km az=180.0

IPGP 26 03:57:19.0, 51°01'N, 179°91'W, h14km, Mw5.6, Fault plane solution: NP1:0.265, 00000, 0.82, 00000, 1.105, 00000; NP2:0.68, 00000, 0.63, 00000, 0.83, 00000.

MOS 26 03:57:21.2, 0.9, 51°24'N, 179°89'W, h23km, mb5.7/108, MS5.3/28, Error ellipse: s-maj=6.4km s-min=3.7km az=106.2

GCMT 26 03:57:22.5, 0.1, 51°04'N, 0.01, 179°86'W, 0.1, h23km, Mw5.6/155, Moment Tensor Solution. s143, c245; s155, c303; Duration: 1s5 Moment tensor: Scale 1017 Nm; Mr:2.24; Mw:0.04; Mw:0.26; Mw:0.03; Mw:0.02; Mw:1.54; Mw:0.76; Mw:0.02; Mw:0.96; Mw:0.05; Best double couple: Mo:2.986000x1017, NP1:0.264, 00000, 0.82, 00000, 1.108, 00000; NP2:0.68, 00000, 0.63, 00000, 0.81, 00000. Principal axes: T:2.8970, Plg70.0000, Azm314.0000; N:0.1790, Plg6.0000; Azm68.0000; P:-3.0750, Plg18.0000, Azm160.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for AMKA, AMKA, AMKA, GARELOI-KAVALI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for CEPE, GAEA, GANO, GANE, GANE, etc.

ISK 26 03:53:10.5, 38°32'N, 38°92'E, h5km, ML2.9/17
AFAD 26 03:53:11.3, 38°28'N, 38°91'E, h7km, 2km, ML3.0
ISC 26 03:53:11.3, 1.0, 38°28'N, 0.03, 38°88'E, 0.03, h10km, 9km, n23, c0976/34, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for DAV, WRA, ASAR, MKAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for ELZG, ELZG, ELZG, SVRC, MAYA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for NARI, NARI, ELZ, ELZ, MDNT, MDNT, etc.

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

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

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

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

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

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

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

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

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

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

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

1787

Table with columns: DOT, IAMS_20, IAMS_20, 04 11 41.9, etc. Rows include PRP Porcupine Dome, D23K Nanushuk River, F24K Squaw Lake, etc.

2020 JAN

Table with columns: UGL Ulgorski, 24.37 280, P S, 04 02 36.8 +1.6, etc. Rows include UGL Ulgorski, H27K Steamboat Moun, O29M Mount Kennedy, etc.

26d 3h

Table with columns: S32K Killisnoo, 26.77 58, IAMS_20, IAMS_20, 04 13 08.6, etc. Rows include S32K Killisnoo, P32M Atlin, P32M Atlin, etc.

Table with columns: Station, Frequency, Mode, Class, Power, Date, Time, and other parameters. Includes stations like CLC China Lake, FURC Furnace Creek, TPNV Topopah Spring, etc.

Table with columns: Station, Frequency, Mode, Class, Power, Date, Time, and other parameters. Includes stations like DANC, P18A Preston Nutter, CPE Camp Elliot, KNB Kanab, etc.

Table with columns: Station, Frequency, Mode, Class, Power, Date, Time, and other parameters. Includes stations like WHN Wuhan, WHN, WHN, WHN, etc.

26d 4h

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like KPJI Karang Pucung, BNI Bardonecchia, PDSI Padana, etc.

2020 JAN

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like VSL Villasalto, YNG Young, CSS Young, etc.

1794

Table with columns: Station, Name, Frequency, Power, Mode, and other technical details. Includes stations like GSDS La Desirade Is, SDV Santo Domingo, SDV Santo Domingo, etc.

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ELZG Elazig, ELZG Elazig, etc.

1795

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like MAHAD, IAZR, SHAB, etc.

TEH 26 04:07:28.1, 37°20'N, 45°00'E, h6km, 74km, ML2.6, Presumed earthquake

ISC 26 04:07:28.2, 37.12N, 45.07E, h18km, 19km, ML2.7

ISC 26 04:07:28.4, 1.0, 37.15N, 0.05, 45.07E, 0.07, h12km, n9, c065/12, Northwestern Iran

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like MAHAD, IAZR, SHAB, etc.

SOME 26 04:12:35.8, 39°92'N, 77°03'E, h15km

KRNET 26 04:12:36.0, 1.1, 39.95N, 77.12E, h17km, mb3.8

NNC 26 04:12:37.1, 1.1, 39.98N, 77.07E, h0km, mb4.1, mpv3.8

Error ellipse: s-maj=7.7km, s-min=5.7km, az=177.0

ISC 26 04:12:37.5, 1.4, 39.97N, 0.06, 77.02E, 0.03, h10km, n62, c2520/93, 20C-19D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like JNKJ, NNRN, TARG, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like UCH, TNS, ZV, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like MTBS, MDOK, KNDC, etc.

2020 JAN

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like SHLS, KTBS, PDGK, etc.

ISC 26 04:29:28.2, 1.5, 51°29'N, 179°86'W, h0km, mb3.7, km

mbmp3.8/11, ML3.7/2, Error ellipse: s-maj=60.1km, s-min=16.8km, az=2.0

NEIC 26 04:29:30.2, 1.5, 50°96'N, 0°04', 179°91'W, 0°03', h10km, 1km, mb4.0/10, ML3.6/10, ML3.3(AEIC), Error ellipse: s-maj=7.5km, s-min=3.2km, az=185.0

AEIC 26 04:29:33.2, 0.5, 51°07'N, 0°06', 179°85'W, 0°04', h24km, 5km, Error ellipse: s-maj=8.7km, s-min=3.4km, az=176.0

ISC 26 04:29:29.9, 1.3, 50°31'N, 0°08', 179°90'W, 0°03', h18km, 5km, n49, c095/59, mb4.0/14, Andeanof Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like AMKA, GAKI, CESW, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like ATKA, SHEM, SHEM, etc.

26d 4h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like H24K, F24K, YKA, etc.

ISC 26 04:31:53.4, 3.1, 51°39'N, 179°92'W, h0km, mb3.5/6, mbmp3.6/7, ML3.8/11, MS3.7/1, Error ellipse: s-maj=78.2km, s-min=24.3km, az=177.0

NEIC 26 04:31:54.6, 1.4, 51°03'N, 0°04', 179°90'W, 0°02', h10km, 1km, mb4.0/8, ML3.2/8, ML3.0(AEIC), Error ellipse: s-maj=7.6km, s-min=2.9km, az=183.0

AEIC 26 04:31:56.4, 1.8, 51°08'N, 0°04', 179°85'W, 0°03', h11km, 4km, Error ellipse: s-maj=6.1km, s-min=2.7km, az=176.0

ISC 26 04:31:54.3, 1.8, 51°01'N, 0°10', 179°92'W, 0°04', h16km, 9km, n36, c111/42, mb3.8/9, Andeanof Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like AMKA, GAKI, CESW, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like NIKH, SDPT, KDAK, etc.

GUC 26 04:42:28.6, 0.8, 28°24'S, 70°36'W, h71km, 4km, ML3.8

SJA 26 04:42:28.4, 0.7, 28°21'S, 70°42'W, h78km, 2km, ML3.6, MW3.7

ISC 26 04:42:30.4, 1.2, 28°20'S, 0°02', 70°45'W, 0°04', h70km, 8km, n38, c132/71, 4C-1D, Central Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like AC04, GO03, AC05, etc.

26d 5h

2020 JAN

1796

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Las Campanas, Mina Casimiro, Maricunga, Juntas del Tor, La Serena, etc.

0.6nm,0.5s
KURBB Kurchatov Arra 64.16 329 P
1.8nm,0.8s,baz=132,slow=5.6,SNR=15
1.8nm,0.8s

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sani, Luwi, TWTI, MRSI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr, BVAR Borovoye Arr.

SDD 26 04:58:13.8±2.1, 17.91N±66.44W, h14km±153km, MD3.5, ML2.7, MW2.9, Presumed earthquake
OSPL 26 04:58:16.9±1.5, 17.31N±66.67W, h6km±426km, ML2.3, Presumed earthquake
NEIC 26 04:58:17.3±0.7, 17.92N±02.66°E, h10km±1km, ML2.8/35, MD2.7/10(RSPR), Error ellipse: s-maj=4.2km s-min=2.3km az=351.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OBIP Obispado Ponce, CRPR Cabo Rojo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, CMAR Chiang Mai Arr, PETK Petropavlovsk, MKAR Makanchi Arr, ZALV Zalesovo Beam, KURBB Kurchatov Arra, ILAR Eielson Array, BVAR Borovoye Arr, DBIC Dimbokro.

AFAD 26 05:07:09.8, 40.14N±38.24E, h12km±1km, ML2.5
ISK 26 05:07:10.4, 40.12N±38.22E, h8km, ML2.5/11
ISC 26 05:07:10.4±0.9, 40.13N±003.3823E±0.02, h9km±7km, n20, c0676/34, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SUSE Susehri, SUSE SUSE, SUSE SUSE, MBOZ MBOZ, ALUC Giresun/Alucra, ALUC ALUC, ILIC ilic-Erzincan, KELT Kelkit, MDIV MDIV, SCER sogukcermik, SCER SCER, SCER SCER, ORDU Ordu-Boztepe, SVSK Karacayir, SVSK Karacayir, GUMT Gumushane, MCKZ Bingol, ERZN Erzincan, TOKT Tokat, BAYT Aydintepe-Bayb, BAYB BAYB, YEDI Yedisu-Bingol, CHOM Cayeli-Rize, SARI Saridiz-Kayseri, BNN Bann, BCA Borcka.

AFAD 26 05:31:23.9, 39.00N±27.86E, h7km±3km, MW3.3
ISK 26 05:31:23.5, 39.01N±27.84E, h10km, ML3.7/37
THE 26 05:31:25.9, 39.1N±2.28E±, h16km, 12km, M3.3/14, MLh3.3/14

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKHS Akhisar, AKHS Akhisar, GORD Gordes-Manisa, SOMA Soma-Manisa, GOMA Golemarmara-Man, GOMA GOMA, KTTT Salihli, STEP BALIKESIR_Sava, STEP STEP, CAMT Merkez, ZEDA zmir-Bergama, BALB Balikesir, DEMI Demirci, IZMD zmir-Dikili, DKL Dikili, ODEM Odemis-Izmir, MANT Manisa, KULA Kula-Manisa, DUVT Torbali, DUVT DUVT, BAGT Foa, BAGT Foa, OST Dursunbey, YAYO Yedigöller-Balk, IZMR Izmir-demi, IZMR Izmir, BLBC Balcova, BLBC Balcova, SIMA Simav-Kutahya, SMAA Simav-Kutahya, FOCM Foca, SUSR Susurluk-Balik, YENI Yenice-Ganaka, GONE Gonen-Balikesi, AYDB Yedigöller-Kaydi, SHAP Saphane-Kutahya, NAZL Nazilli-Aydin, UZLA Izmir, CANI Can-anakkale, GMLD Gumuldur, GEDZ Gediz, KUSD Kusadasi-Aydin, PRK Prasaevi, PRK Prasaevi.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like SMY Shemya, CLES Cleveland East, and many others.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like O17K Koliganek Bris, P17K Contact Creek, and many others.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like SLKM Skiak Lake, G19K Purcell Mounta, and many others.

26d 6h

Table with columns for station call letters, name, time, and other details. Includes stations like JEM Erimo, F30M Barrier River, P32M Atlin, etc.

2020 JAN

Table with columns for station call letters, name, time, and other details. Includes stations like WRGLY Wrigley, WRLGY Wraglee, JYT Yasato, etc.

1800

Table with columns for station call letters, name, time, and other details. Includes stations like CN2, JHS Saijo, CBJ Chichi jima, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HUU, HJU, CIT, K05A, KCPM, RES, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ELK, ELK, BJ2, BJ2, BJ2, etc.

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

26d 6h

2020 JAN

1802

Table with columns for station name, elevation, frequency, and various signal quality metrics (e.g., IAMS_20, IAMS_20, 07 00 47.2).

Table with columns for station name, elevation, frequency, and various signal quality metrics (e.g., ISCO, Idaho Springs, 51.17 72 ↑P).

Table with columns for station name, elevation, frequency, and various signal quality metrics (e.g., KNMB, Chin-men Tao, 53.74 265 P).

Table with columns for station ID, name, frequency, and signal strength. Includes stations like GZHZ Guangzhou, TPB11 China Draw, ELIS Ellis County, HAMF Hammerfest, etc.

Table with columns for station ID, name, frequency, and signal strength. Includes stations like ALPN Alpine, 229A Bryant Ranch, KURK Kurchatov, JETT Jettan, Norway, etc.

Table with columns for station ID, name, frequency, and signal strength. Includes stations like SCHO Schefferville, SCHO Skaggs, Pawnee, P43A Lofoten, BVAO Borovoye Array, etc.

1805

Table with columns for station code, name, frequency, and signal strength. Includes stations like FAKI, NORSAR Array S, and various other broadcast stations.

2020 JAN

Table with columns for station code, name, frequency, and signal strength. Includes stations like UBPT, Khong Chiam, ASK, Bergen, and various other broadcast stations.

26d 6h

Table with columns for station code, name, frequency, and signal strength. Includes stations like BTK, Batken, DHUB, DHUBRI, and various other broadcast stations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like PPT2, PPT2, PPT2, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KBU, KBL, KBL, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like CTAO, VAL, VAL, etc.

P08K	Saint George I baz=233	8.22	44	P	Pn	06 42 43.6	-4.9
SP1A	Saint Paul Isl baz=233	8.31	39	P	Pn	06 42 50.4	+0.8
SP1A	Saint Paul Isl baz=233	8.31	39	P	Pn	06 42 46.0	-3.6
UNV	Unalaska Valle baz=258	8.61	66	P	Pn	06 42 56.0	+2.3
UNV	Unalaska Valle baz=258	8.61	66	P	Pn	06 42 50.5	-3.2
AKUT	Akutan False Pass	9.10	65	P	Pn	06 43 01.2	+0.8
FALS	False Pass	10.60	63	P	Pn	06 43 21.4	+0.4
FALS	False Pass	10.60	63	P	Pn	06 43 16.2	-4.9
M11K	Mekoryuk baz=257	12.06	34	P	Pn	06 43 40.7	+0.2
M11K	Mekoryuk baz=257	12.06	34	P	Pn	06 43 36.3	-4.6
SDPT	Sand Point baz=224	12.36	62	P	Pn	06 43 44.7	+0.3
SDPT	Sand Point baz=259	12.36	62	P	Pn	06 43 40.8	-4.3
CNBA	Chernabura Isl baz=262	12.77	65	P	Pn	06 43 49.0	-1.6
CHNA	Chernabura Isl baz=262	12.77	65	P	Pn	06 43 50.9	+0.3
M13K	Dall Lake baz=233,SNR=5.8	13.14	38	P	Pn	06 43 55.4	+0.3
PET	Petropavlovsk baz=287	13.37	287	P	Pn	06 43 59.9	+1.1
PET	Petropavlovsk baz=287	13.37	287	P	Pn	06 43 58.4	-0.4
O14K	Tiguykaiuvet M baz=243,SNR=1.3	13.37	45	P	Pn	06 43 55.9	-2.9
GAMB	Gambell baz=203,SNR=10	13.45	16	P	Pn	06 43 59.5	-0.4
GAMB	Gambell baz=203,SNR=10	13.45	16	P	Pn	06 43 55.5	-4.4
N14K	Kuskokwak Cree baz=254	13.54	42	P	Pn	06 44 00.2	-0.9
K13K	Kusilivak Mount baz=225	13.69	32	P	Pn	06 43 59.8	-3.4
M14K	Bethel baz=234	13.90	39	P	Pn	06 44 08.1	+2.1
M14K	Bethel baz=234	13.90	39	P	Pn	06 44 00.0	-6.0
PEA0B	Petropavlovsk baz=287	13.94	287	P	Pn	06 44 05.8	-0.9
PEA0B	Petropavlovsk baz=287	13.94	287	P	Pn	06 44 05.8	-0.9
PETK	Petropavlovsk comp=Z,1.0nm,0.3s,baz=77,slow=20,SNR=10	13.94	287	P	Pn	06 44 07.8	+1.2
PETK	Petropavlovsk comp=Z,0.2nm,0.3s,baz=90,slow=18,SNR=1.2	13.94	287	P	Pn	06 44 34.6	-5.6
PETK	Petropavlovsk baz=251	13.94	287	P	Pn	06 44 06.2	-0.5
L14K	Kuka Creek baz=251	13.98	36	P	Pn	06 44 03.2	-3.9
O15K	Ungalikthiuk R baz=244,SNR=12	13.99	47	P	Pn	06 44 02.2	-5.0
N15K	Kwethluk River baz=240,SNR=11	14.35	43	P	Pn	06 44 07.7	-4.5
M15K	Kasigluk River baz=237,SNR=8.8	14.38	41	P	Pn	06 44 08.0	-4.5
R16K	Pilot Point baz=254	14.49	55	P	Pn	06 44 13.9	-0.1
R16K	Pilot Point baz=254	14.49	55	P	Pn	06 44 10.1	-4.0
J14K	Nanvaranak Lak baz=225	14.64	31	P	Pn	06 44 11.2	-4.8
L15K	Ungalik Mounta baz=233,SNR=11	14.64	36	P	Pn	06 44 12.9	-3.2
P16K	Nushagak River baz=248,SNR=20	14.79	49	P	Pn	06 44 17.6	-0.5
P16K	Nushagak River baz=248,SNR=20	14.79	49	P	Pn	06 44 19.5	+1.5
O16K	Kokwok River B baz=246	14.97	47	P	Pn	06 44 17.7	-2.8
K15K	Wolf Creek Mou comp=Z,1.75nm,1.9s	15.02	35	Iamb	Iamb	06 44 28.1	
K15K	Wolf Creek Mou baz=230,SNR=26	15.02	35	P	Pn	06 44 20.7	-0.4
N16K	Nishilik Lake baz=241	15.07	43	P	Pn	06 44 19.6	-2.3
R17L	Mt. Peulik Vol baz=255	15.13	55	P	Pn	06 44 22.2	-0.5
CHIR	Chirikof Islan baz=263	15.16	62	P	Pn	06 44 25.4	+2.3
M16K	Timber Creek comp=Z,1.07nm,0.9s	15.27	41	Iamb	Iamb	06 44 32.0	
M16K	Timber Creek baz=239,SNR=14	15.27	41	P	Pn	06 44 22.8	-1.7
Q16K	King Salmon baz=251,SNR=9.8	15.30	51	P	Pn	06 44 22.9	-2.0
L16K	Owahat River baz=236	15.43	39	P	Pn	06 44 24.9	-1.7
ANM	Nome baz=217	15.51	24	P	Pn	06 44 24.0	-3.5
Q17K	Koliganek Bris baz=246	15.51	47	P	Pn	06 44 24.0	-3.5
O17K	Contact Creek baz=254	15.55	53	P	Pn	06 44 29.0	+0.7
P17K	Kvichak River P17K	15.59	50	P	Pn	06 44 27.6	-2.0
P17K	Kvichak River comp=Z,1.69nm,0.7s baz=250,SNR=5.9	15.59	50	P	Iamb	06 44 26.6	-2.0
TNA	Tin City baz=209	15.77	18	P	Pn	06 44 28.7	-2.2
N17K	Nushagak Hills comp=Z,1.26nm,0.7s	15.79	44	Iamb	Iamb	06 44 37.2	
N17K	Nushagak Hills baz=244,SNR=13	15.79	44	P	Pn	06 44 28.3	-2.9
J16K	Anvik River baz=230	15.99	33	P	Pn	06 44 30.4	-3.3
F14K	Arctic Creek baz=213,SNR=8.2	16.03	21	P	Pn	06 44 32.2	-2.1
SII	Sitkinak Islan comp=Z,3.27nm,0.8s	16.06	60	Iamb	Iamb	06 44 42.9	
SII	Sitkinak Islan baz=262	16.06	60	P	Pn	06 44 33.1	-1.7
M17K	Holittna River comp=Z,2.78nm,1.4s	16.09	41	Iamb	Iamb	06 44 40.9	
M17K	Holittna River baz=241,SNR=7.8	16.09	41	P	Pn	06 44 30.7	-4.4
Q18K	Katmai Hardscr baz=253,SNR=6.7	16.11	52	P	Pn	06 44 33.4	-2.1
L17K	Donlin baz=237	16.13	38	P	Pn	06 44 31.8	-3.8
G15K	Niukluk baz=218,SNR=12	16.19	25	P	Pn	06 44 34.3	-2.0
P18K	Big Mountain baz=251,SNR=12	16.24	50	P	Pn	06 44 35.0	-2.1
I17K	Unalakleet baz=228,SNR=14	16.36	31	P	Pn	06 44 34.5	-4.0
O18K	Koktuh Hills baz=249,SNR=12	16.41	48	P	Pn	06 44 36.4	-2.8
H16K	Elim baz=223,SNR=6.2	16.42	27	P	Pn	06 44 37.2	-2.0
N18K	Kilae Creek comp=Z,3.12nm,1.6s	16.43	45	Iamb	Iamb	06 44 44.7	
N18K	Kilae Creek baz=246,SNR=8.9	16.43	45	P	Pn	06 44 37.9	-1.5
K17K	Iditarod baz=235	16.46	37	P	Pn	06 44 37.3	-2.5
J17K	VABM Dome baz=232	16.59	34	P	P	06 44 44.1	+0.5
F15K	North Star Dit baz=216	16.62	22	P	P	06 44 43.3	-0.6
OHAK	Old Harbor comp=Z,1.00nm,0.6s	16.66	58	Iamb	Iamb	06 44 49.3	
OHAK	Old Harbor baz=253,SNR=10	16.66	58	P	Pn	06 44 40.8	-1.5
L18K	Granite Mounta baz=249	16.82	40	P	Pn	06 44 40.5	-3.8
M18K	Stony River baz=243	16.82	42	P	P	06 44 45.9	-0.3
Q16K	Cape Douglas, baz=254	16.87	52	P	Pn	06 44 42.3	-2.7
G19K	Koyuk River baz=221,SNR=15	16.95	26	P	Pn	06 44 44.6	-1.3
O19K	Port Alsworth baz=249	16.95	48	P	P	06 44 47.2	-0.5
N19K	Bonanza Creek comp=Z,2.47nm,0.9s	17.11	46	Iamb	Iamb	06 44 57.5	
N19K	Bonanza Creek baz=247,SNR=33	17.11	46	P	Pn	06 44 50.2	+0.7
KDAK	Kodiak land comp=Z,7.8nm,0.3s,baz=253,slow=7,SNR=36	17.14	56	P	Pn	06 44 45.5	-2.9
KDAK	Kodiak land comp=Z,2.0nm,0.9s,baz=173,slow=22,SNR=6.4	17.14	56	P	Pn	06 47 57.2	-0.5
KDAK	Kodiak land comp=Z,4.2nm,0.4s	17.14	56	P	Pn	06 44 46.0	-2.3
KDAK	Kodiak land baz=249	17.14	56	P	Pn	06 44 46.0	-2.3
KDAK	Kodiak land comp=Z,8.5nm,0.7s	17.14	56	P	Pn	06 44 46.5	-1.9
KDAK	Kodiak land baz=259	17.14	56	P	Pn	06 44 46.5	-1.9

P19K	Oil Pt baz=253	17.29	50	P	Pn	06 44 46.7	-3.5
H17K	Granite Mounta baz=227,SNR=13	17.33	29	P	Pn	06 44 48.7	-1.9
Q20K	Shuk Island baz=257	17.42	54	P	Pn	06 44 50.6	-1.1
J18K	Innoko River baz=236,SNR=15	17.48	36	P	Pn	06 44 48.0	-4.6
G17K	Kiwalik Mounta baz=224,SNR=12	17.51	27	P	Pn	06 44 51.6	-1.3
L19K	White Mountain baz=243,SNR=20	17.55	41	P	Pn	06 44 45.8	-1.7
RED	Redoubt Volcan comp=Z,1.46nm,0.9s	17.75	48	Iamb	Iamb	06 45 03.5	
H18K	Honhosa River baz=229	17.96	30	P	P	06 44 59.9	+1.2
F17K	Baldwin Pennin baz=221	18.05	24	P	Pn	06 44 56.1	-3.4
H17K	Homer baz=255	18.06	51	P	Pn	06 45 00.9	+1.0
M20K	Styx River baz=246	18.14	43	P	P	06 45 02.0	+1.1
GCSA	Galena City Sc baz=232,SNR=17	18.18	32	P	Pn	06 45 00.7	-0.4
J19K	Poorman baz=236,SNR=24	18.18	35	P	Pn	06 44 57.3	-3.9
SPCR	Spurr Chakaca baz=249,SNR=18	18.29	46	P	P	06 44 57.5	-5.0
BILL	Blilbino baz=253,SNR=10	18.33	343	P	Pn	06 45 03.0	+0.2
G18K	Tagagawik baz=227,SNR=10	18.38	28	P	Pn	06 45 03.7	+0.2
E17K	Hotham Inlet baz=249,SNR=37	18.40	23	P	P	06 45 01.7	-1.8
K20K	Telida baz=241,SNR=12	18.43	38	P	P	06 45 01.8	-2.2
BRSE	Bradley Lake S baz=255	18.52	51	P	Pn	06 45 05.6	+0.3
F18K	Selawik baz=223,SNR=32	18.59	26	P	P	06 45 01.9	-3.8
D17K	Noatak River comp=Z,1.5,SNR=27	18.61	20	P	P	06 45 03.4	-2.5
MA2	Magadan comp=Z,0.7nm,0.3s,baz=85,slow=12,SNR=5.0	18.62	309	P	P	06 45 04.5	-1.6
MA2	Magadan comp=Z,0.8,1nm,0.9s	18.62	309	P	P	06 45 05.3	-0.8
MA2	Magadan comp=Z,1.4nm,0.7s	18.62	309	P	Pn	06 45 05.3	-0.8
CAPN	Captain Cook N baz=259	18.62	48	P	P	06 45 04.9	-1.2
C16K	Lisburne Hills baz=210	18.65	17	P	P	06 45 02.3	-4.0
H19K	Roundabout Mou baz=238,SNR=21	18.82	31	P	Pn	06 45 09.2	+0.4
H19K	Roundabout Mou baz=238,SNR=21	18.82	31	P	Pn	06 45 03.7	-4.4
J20K	Nowinta River baz=238,SNR=21	18.83	36	P	P	06 45 04.0	-4.3
SKT	Skwentna comp=Z,1.44nm,0.7s	18.88	44	Iamb	Iamb	06 45 12.1	
SKT	Skwentna baz=248,SNR=46	18.88	44	P	P	06 45 06.1	-2.8
RDOG	Red Dog Mine baz=215,SNR=24	18.94	20	P	P	06 45 07.0	-2.5
E18K	Tukpahleik C baz=220,SNR=18	18.97	23	P	P	06 45 08.7	-1.1
PPLA	Purkeypile comp=Z,1.24nm,0.8s	18.98	41	Iamb	Iamb	06 45 22.8	
PPLA	Purkeypile baz=245,SNR=21	18.98	41	P	Pn	06 45 12.6	+1.7
G19K	Purcell Mounta baz=229	19.02	29	P	P	06 45 08.0	-2.4
SEY	Seychman comp=Z,0.5nm,0.3s,baz=131,slow=12,SNR=5.1	19.04	319	P	P	06 45 08.3	-2.2
SEY	Seychman comp=Z,0.5nm,0.3s,baz=131,slow=12,SNR=5.1	19.04	319	P	P	06 49 34.8	+0.6
SEY	Seychman comp=Z,4.9nm,0.8s,baz=166,slow=3.7,SNR=4.4	19.04	319	P	P	06 53 08.9	+1.6
SEY	Seychman comp=Z,2.0nm,0.6s,baz=160,slow=3.5,SNR=5.8	19.04	319	P	P	06 45 15.6	+4.1
SEY	Seychman comp=Z,2.8nm,1.1s	19.04	319	P	Pn	06 45 19.1	

26d 6h

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes entries like P46A Rosedale, WHAR Woolly Hollow, 237A Washetta, etc.

2020 JAN

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes entries like KBK Karagaybulak, CPCT Cooper Cave, FPAL Fort Payne, etc.

1814

Table with columns: Call sign, Name, Frequency, Mode, Power, and other details. Includes entries like CHM Chinkent, CHM Chinkent, CHM Chinkent, etc.

Table with columns: Call Sign, City, Frequency, Mode, Power, and Offset. Includes stations like KBL Kabul, IGLA Gliengowia, AK23 Malin Array Si, etc.

Table with columns: Call Sign, City, Frequency, Mode, Power, and Offset. Includes stations like LANS Liptovska Anna, MAUC Maruska, AKT Akhty, etc.

Table with columns: Call Sign, City, Frequency, Mode, Power, and Offset. Includes stations like ARSA Arzberg, ARSA Arzberg, NEHR Netkovice, etc.

IDC 26 06:54:51.8,1.6,51.169N,179.97W,h0km,mb3.8/17, mblmp3.9/20,ML4.4/2, Error ellipse: s-maj=43.0km s-min=14.1km az=3.0

NEIC 26 06:54:53.8,1.6,51.12N,0.05:179.86W,0.05,h10km,1km, mb4.3/18,ML3.8/10,ML3.6(AEIC), Error ellipse: s-maj=8.1km s-min=4.5km az=194.0

AEIC 26 06:54:54.6,1.6,51.10N,0.04:179.85W,0.03,h12km,4km, Error ellipse: s-maj=6.5km s-min=2.4km az=182.0

ISC 26 06:54:52.0,0.8,50.96N,0.09:179.92W,0.03,h22km,4km, n2, c1f52/103,mb4.2/25, Andreeof Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like AMKA Amchitka, GAKI Gareloi-Kavalg, etc.

Table with columns: MKAR Makanchi Array, R40A Maddies Statio, BVAR Borovoye Array, etc. Includes coordinates and parameters.

IDC 26 06:56:51.8,2.8,51.30N,179.51W,h0km,mb3.8/11, mblmp3.9/13,ML3.6/1, Error ellipse: s-maj=75.8km s-min=19.6km az=180.0

NEIC 26 06:56:53.9,1.9,50.94N,0.04:179.77W,0.03,h10km,1km, mb4.1/6,ML3.7/14,ML3.2(AEIC), Error ellipse: s-maj=7.4km s-min=2.9km az=181.0

AEIC 26 06:56:56.0,1.7,51.07N,0.04:179.83W,0.04,h13km,5km, Error ellipse: s-maj=6.1km s-min=2.9km az=165.0

ISC 26 06:56:53.1,1.6,50.92N,0.08:179.80W,0.03,h17km,5km, n51, c1f41/62,mb4.0/13, Andreeof Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like AMKA Amchitka, GAKI Gareloi-Kavalg, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like MXZ Waionatini S, WMGZ Waionatini S, etc.

KRSC 26 07:00:54.8,0.7,56.05N,164.11E,h15km,10km,MI3.5, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like KBTR Krutoberegovo, KBTR Krutoberegovo, etc.

NEIC 26 07:08:10.3,2.0,50.90N,0.05:179.82W,0.05,h10km,1km, mb4.3/10,ML4.3/14,ML3.8(AEIC), Error ellipse: s-maj=5.1km s-min=5.0km az=196.0

AEIC 26 07:08:12.5,2.5,51.03N,0.05:179.96W,0.05,h5km,3km, Error ellipse: s-maj=7.3km s-min=4.2km az=174.0

MOS 26 07:08:14.5,0.8,51.19N,179.82W,h19km,mb4.5/23, Error ellipse: s-maj=10.9km s-min=6.9km az=104.9

IDC 26 07:08:19.3,2.7,51.24N,179.89W,h78km,22km,MI3.7/22, mblmp4.0/25, Error ellipse: s-maj=22.6km s-min=12.4km az=179.0

ISC 26 07:08:11.5,1.4,50.95N,0.07:179.82W,0.02,h18km,7km, n218, c1f22/204,mb4.4/83, BC-32, Andreeof Islands

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists various stations like AMKA Amchitka, GAKI Gareloi-Kavalg, etc.

26d 7h

Table of station data for 26d 7h, including station names like SP1A, UNV, M1K, CNBA, H13K, O14K, GAMB, M14K, PEAOB, PEAOB, PETK, PETK, PETK, etc., with columns for time, magnitude, distance, and other parameters.

2020 JAN

Table of station data for 2020 JAN, including station names like F28M, G31M, G31M, INK, INK, INK, etc., with columns for time, magnitude, distance, and other parameters.

1818

Table of station data for 1818, including station names like NB2, NB2, NOA, NOA, NOA, etc., with columns for time, magnitude, distance, and other parameters.

SDD 26 07:20:13.8; 2.5, 1.7; 88N-66.91W, h12km; 30km, MD3.2, ML2.7, MW3.2. Presumed earthquake. NEIC 26 07:20:15.0; 0.4, 1.7; 94N; 0.04; 67.00W; 0.02, h10km; 1km, ML3.1/33. Error ellipse: s-maj=6.6km s-min=2.5km az=191.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Lists various stations and their associated data.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like KIMD, KIWB, Kanaga Island, etc.

SNET 26 07:24:00.9-2.0, 12.66N:87.10W, h186km, ML4.2, Presumed earthquake

IDC 26 07:24:03.2-0.8, 12.80N:86.93W, h158km, 7km, mb3.8/12, mb1mp:3/15, Error ellipse: s-maj=18.5km s-min=7.4km az=48.0

CATAC 26 07:24:03.9-0.2, 13.1N:87.7W, h164km, 7km, M4.2/32, mB5.9/1, MLv4.2/32, Mw(mB)5.4/1, Error ellipse: s-maj=4.6km s-min=1.7km az=31.4, confirmed

NEIC 26 07:24:04.1-1.0, 12.70N:87.06W:0.08, h163km, 7km, mb4.7/26.3, Error ellipse: s-maj=13.0km s-min=8.9km az=222.0

GCG 26 07:24:06.6-1.1, 12.76N:87.45W, h176km, 12km, MD5.1, ML4.4, Presumed earthquake

ISC 26 07:24:03.4-0.5, 12.72N:87.04W:0.03, h172km, 4km, +285, -1923/246, mb4.7/15, Near coast of Nicaragua

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Lists numerous stations across the region.

Main station list table (continued) with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Lists numerous stations across the region.

Main station list table (continued) with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Lists numerous stations across the region.

26d 7h

Table with columns: Code, Station Name, Az, El, Phase, ID, h, m, s, Res, ISC. Includes stations like LONY Lake Ozonia, P17A Butcher Ranch, F33A 5 Mile Ranch, etc.

2020 JAN

Table with columns: Code, Station Name, Az, El, Phase, ID, h, m, s, Res, ISC. Includes stations like KIKV Kanaga Island, KIWB Kanaga Island, KICM Kanaga Island, etc.

1820

Table with columns: Code, Station Name, Az, El, Phase, ID, h, m, s, Res, ISC. Includes stations like ANM Nome, O17K Kolliganek Bris, Q17K Contact Creek, etc.

1821 **2020 JAN** **26d 7h**

SEV SEV	Seymchan	19.00	319	eP pmax	Pn pmax	07 28 26.4 +0.4
I20K	Naaghdeneel comp=Z,26nm,1.6s	19.00	34	IAMB	IAMB	07 28 32.8
I20K	Naaghdeneel comp=Z,101nm,1.1s	19.00	34	P	Pn	07 28 26.9 +1.0
SUA SUA	Susitna One baz=236	19.00	46	P	Pn	07 28 25.4 +0.2
SUA SUA	Susitna One baz=252,SNR=14	19.00	46	P	Pn	07 28 26.5 +0.3
C17K	DeLong Mountai baz=213	19.19	19	P	P	07 28 29.5 +1.2
SEW	Seward baz=255	19.21	50	P	Pn	07 28 28.4 +0.1
F19K	Shaleruckik Mo baz=226	19.24	27	P	Pn	07 28 29.8 +1.0
H20K	Anotleneega Mo baz=233,SNR=30	19.27	32	P	Pn	07 28 29.2 0.0
CHUM	Lake Minchumini baz=241,SNR=34	19.33	38	P	P	07 28 30.1 +0.1
RC01	Rabbit Creek A	19.34	47	P	P	07 28 29.4 +0.6
RC01	Rabbit Creek A baz=252,SNR=6.6	19.34	47	P	P	07 28 29.2 +0.4
L22K	Petersville comp=Z,92nm,0.7s	19.38	43	IAMB	IAMB	07 28 31.6
M22K	Willow baz=250	19.38	45	P	P	07 28 30.1 +0.9
CUT CUT	Chulitna comp=Z,252nm,1.3s	19.55	43	P	P	07 28 31.4 +0.4
CUT	Chulitna baz=248,SNR=17	19.55	43	P	P	07 28 31.4 +0.4
K18H	Kantish Hill	19.73	40	P	Pn	07 28 34.6 -0.3
C18K	Utukok River comp=Z,124nm,1.0s	19.75	20	P	Pn	07 28 35.3 +0.4
PMR	Palmer comp=Z,31nm,0.8s	19.78	46	P	Pn	07 28 35.6 +0.4
PMR	Palmer baz=252	19.78	46	P	P	07 28 34.3 +0.8
E19K	Redstone River baz=225	19.82	26	P	Pn	07 28 35.7 -0.1
TRF	Thorfare Moun TRF	19.95	41	IAMB	IAMB	07 28 36.1 +0.5
TRF	Thorfare Moun comp=Z,96nm,1.0s	19.95	41	P	P	07 28 35.7 +0.1
BPAW	Bear Paw Mtn. BPAW	19.95	38	P	P	07 28 36.1 +0.6
BPAW	Bear Paw Mtn. comp=Z,80nm,1.0s	19.95	38	IAMB	IAMB	07 28 42.9
BPAW	Bear Paw Mtn. baz=243,SNR=34	19.95	38	P	P	07 28 36.1 +0.6
F20AK	Avaraart Lake baz=229	19.98	28	P	Pn	07 28 37.2 -0.4
KNK	Knik Glacier comp=Z,106nm,1.4s	20.03	47	IAMB	IAMB	07 28 54.4
KNK	Knik Glacier baz=253,SNR=6.2	20.03	47	P	P	07 28 36.9 +0.6
H21K	Melozitna Rive comp=Z,206nm,1.3s	20.07	33	IAMB	IAMB	07 28 46.0
H21K	Melozitna Rive baz=236,SNR=55	20.07	33	P	P	07 28 38.0 +1.3
I21K	Tanana comp=Z,91nm,1.0s	20.10	35	IAMB	IAMB	07 28 46.3
I21K	Tanana baz=239	20.10	35	P	Pn	07 28 38.8 -0.3
P23K	Montague Islan baz=258	20.19	51	P	P	07 28 38.7 +0.7
M3L	Sawmill baz=252,SNR=6.3	20.20	46	P	P	07 28 38.3 0.0
G21K	Allakaket comp=Z,93nm,0.9s	20.33	31	IAMB	IAMB	07 28 42.3
G21K	Allakaket baz=233	20.33	31	P	Pn	07 28 41.2 -0.6
D19K	Kuna River comp=Z,92nm,0.9s	20.34	23	IAMB	IAMB	07 28 42.8
D19K	Kuna River baz=222	20.34	23	P	Pn	07 28 41.6 -0.3
WAT1	Susitna Watana baz=249	20.44	43	P	P	07 28 40.9 +0.1
C19K	Lookout Ridge comp=Z,52nm,0.8s	20.47	21	IAMB	IAMB	07 28 47.2
C19K	Lookout Ridge baz=218	20.47	21	P	Pn	07 28 43.0 -0.3
M23K	Glacier View baz=253,SNR=12	20.48	46	P	P	07 28 41.7 +0.6
GLI	Glacier Island baz=256	20.53	49	P	P	07 28 45.9 +1.2
Q23K	Middleton Isla baz=260	20.61	53	P	P	07 28 43.5 +0.9
MCK	McKinley	20.62	40	P	P	07 28 42.3 -0.4
MCK	McKinley	20.62	40	P	P	07 28 42.3 -0.4
MCK	McKinley comp=Z,37nm,0.9s	20.62	40	pmax	pmax	
MCK	McKinley baz=246,SNR=16	20.62	40	P	P	07 28 43.1 +0.4
SCM	Sheep Creek Mo SCM	20.67	46	IAMB	IAMB	07 28 47.2
SCM	Sheep Creek Mo comp=Z,101nm,0.6s	20.67	46	P	P	07 28 42.8 -0.6
SCM	Sheep Creek Mo comp=Z,101nm,0.6s	20.67	46	pmax	pmax	
H22K	Sheep Creek Mo baz=253,SNR=24	20.67	46	P	P	07 28 42.7 -0.6
H22K	Ishitalina Cre baz=238	20.69	34	P	P	07 28 44.4 +1.0
WAT6	Susitna Watana baz=251,SNR=73	20.71	44	P	P	07 28 43.3 -0.5
F21K	Alatna River comp=Z,51nm,1.0s	20.76	29	IAMB	IAMB	07 28 53.1
F21K	Alatna River baz=232	20.76	29	P	P	07 28 45.4 +1.2
FID	Port Fidalgo comp=Z,4nm,0.9s	20.79	50	IAMB	IAMB	07 29 01.9
D20K	Etluk River baz=224	20.88	24	P	P	07 28 47.0 +1.5
NEA2	Nenana baz=244,SNR=106	20.92	38	P	P	07 28 46.6 +0.7
DHY	Denali Highway comp=Z,114nm,0.9s	21.03	43	IAMB	IAMB	07 28 51.1
DHY	Denali Highway baz=250,SNR=73	21.03	43	P	P	07 28 47.4 +0.1
I23K	Minto, Yukon-K comp=Z,87nm,1.2s	21.06	37	IAMB	IAMB	07 28 58.4
I23K	Minto, Yukon-K baz=242,SNR=18	21.06	37	P	P	07 28 48.6 +1.3
EYAK	Cordova Ski Ar comp=Z,36nm,0.9s	21.10	50	P	P	07 28 49.4 +1.5
EYAK	Cordova Ski Ar baz=258	21.10	50	P	P	07 28 48.4 +0.5
DIV	Divide comp=Z,80nm,0.7s	21.21	49	IAMB	IAMB	07 28 58.1
KLU	Klutina baz=256,SNR=5.5	21.23	48	IAMB	IAMB	07 29 00.4
KLU	Klutina comp=Z,56nm,0.8s	21.23	48	P	P	07 28 49.6 +0.3
M24K	Tolsona, Glenn baz=254,SNR=16	21.27	46	P	P	07 28 51.3 +1.5
COLB	Clear Creek Bu College	21.44	39	P	P	07 28 50.4 -1.1
COLA	College comp=Z,53nm,0.9s	21.51	38	IAMB	IAMB	07 28 52.0 -0.2
COLA	College comp=Z,42nm,0.9s	21.51	38	P	P	07 29 03.1
COLA	College comp=Z,53nm,0.9s	21.51	38	P	P	07 28 53.3 +1.0
COLA	College comp=Z,25nm,1.0s	21.51	38	pmax	pmax	
COLA	College baz=245	21.51	38	P	P	07 28 53.6 +1.4
G23K	Bananza Creek comp=Z,44nm,0.8s	21.59	33	IAMB	IAMB	07 29 01.3
G23K	Bananza Creek baz=238	21.59	33	P	P	07 28 54.6 +1.5
RAGM	Ragged Mountai comp=Z,65nm,0.9s	21.60	51	IAMB	IAMB	07 29 06.5
KAIM	Kayak Island baz=261	21.65	52	P	P	07 28 54.4 +0.6
C21K	Knifblade Rid baz=245	21.67	24	P	P	07 28 54.9 +1.0
HDA	Harding Lake baz=247,SNR=21	21.68	40	P	P	07 28 54.5 +0.4
BMRM	Bremner River comp=Z,112nm,1.0s	21.74	49	IAMB	IAMB	07 29 05.6
BMRM	Bremner River baz=258,SNR=11	21.74	49	P	P	07 28 54.9 +0.1
POKR	Poker Plat Res baz=245,SNR=16	21.78	38	P	P	07 28 55.3 +0.2

HARP	HAARP	21.80	46	P	P	07 28 55.5 +0.1
COLD	Coldfoot baz=254,SNR=7.8	21.81	31	P	P	07 28 55.9 +0.5
PAX	Paxson comp=Z,46nm,0.8s	21.82	44	IAMB	IAMB	07 29 03.4
PAX	Paxson baz=253,SNR=20	21.82	44	P	P	07 28 55.4 -0.3
ILAR	Eielson Array comp=Z,4.2nm,0.5s,baz=237,slow=7.0,SNR=87	21.85	39	P	P	07 28 55.4 -0.5
ILAR	ILAR comp=Z,0.9nm,0.4s,baz=257,slow=2.9,SNR=6.9	21.85	39	PcP	PcP	07 32 54.1 0.0
ILAR	ILAR comp=Z,1.3nm,0.7s,baz=285,slow=7.9,SNR=9.0	21.85	39	ScP	ScP	07 36 25.8 -2.2
ILAR	ILAR comp=Z,3um,18.8s,baz=230,slow=39	21.85	39	LR	LR	07 38 24.9
ILAR	ILAR comp=Z,4.2nm,0.5s	21.85	39	P	P	07 28 55.5 -0.4
N25K	Chitina, Valde comp=Z,42nm,0.8s	21.87	48	IAMB	IAMB	07 29 06.8
N25K	Chitina, Valde baz=257,SNR=13	21.87	48	P	P	07 28 56.0 -0.2
H24K	Noodor Dome	21.92	36	P	P	07 28 56.8 +0.1
H24K	Noodor Dome comp=Z,67nm,1.2s	21.92	36	IAMB	IAMB	07 29 00.2
H24K	Noodor Dome baz=243,SNR=48	21.92	36	P	P	07 28 56.9 +0.2
K24K	Donnelly Dome comp=Z,56nm,1.0s	21.95	42	IAMB	IAMB	07 28 59.6
K24K	Donnelly Dome baz=250,SNR=15	21.95	42	P	P	07 28 57.3 +0.3
D22K	Aiyikyak River comp=Z,16nm,1.1s	22.04	26	IAMB	IAMB	07 29 02.4
D22K	Aiyikyak River baz=230	22.04	26	P	P	07 29 08.7 +0.7
GLB	Gilahina Butte	22.21	48	P	P	07 28 59.5 -0.3
GLB	Gilahina Butte comp=Z,65nm,0.8s	22.21	48	IAMB	IAMB	07 29 02.3
RIDG	Independent Riv baz=252,SNR=13	22.32	42	P	P	07 29 01.7 +0.6
J25K	Salcha River, baz=249	22.40	40	P	P	07 29 02.2 +0.3
CRQM	Cirque comp=Z,134nm,1.2s	22.41	50	IAMB	IAMB	07 29 18.5
CRQE	Cirque comp=Z,107nm,0.9s	22.43	50	P	P	07 29 02.0 -0.3
E23K	Chandler baz=236	22.45	30	P	P	07 29 03.3 +0.8
G24K	Hadwezenic Riv comp=Z,107nm,0.9s	22.46	34	IAMB	IAMB	07 29 08.8
G24K	Hadwezenic Riv baz=242	22.46	34	P	P	07 29 03.2 +0.7
MCARA	McCarthy VSAT comp=Z,67nm,1.0s	22.57	49	IAMB	IAMB	07 29 17.8
MCARA	McCarthy VSAT baz=259	22.57	49	P	P	07 29 03.0 -0.6
MENT	Mentasta comp=Z,53nm,0.8s	22.59	45	IAMB	IAMB	07 29 20.9
DOT	Dot Lake comp=Z,66nm,0.9s	22.63	43	IAMB	IAMB	07 29 05.7
PRP	Porcupine Dome baz=247,SNR=14	22.67	38	P	P	07 29 04.4 -0.4
F24K	Squaw Lake comp=Z,43nm,0.8s	22.72	32	IAMB	IAMB	07 29 11.8
F24K	Squaw Lake baz=239	22.72	32	P	P	07 29 05.2 0.0
SCRK	Sand Creek baz=252,SNR=24	22.76	42	P	P	07 29 05.5 -0.3
L26K	Log Cabin Wild comp=Z,47nm,0.8s	22.77	44	IAMB	IAMB	07 29 13.9
L26K	Log Cabin Wild baz=255,SNR=26	22.77	44	P	P	07 29 05.4 -0.4
M26K	Nabesna River baz=257,SNR=9.6	22.78	46	P	P	07 29 05.6 -0.3
TOLK	Toolik Lake Re comp=Z,61nm,1.1s	22.80	28	IAMB	IAMB	07 29 25.0
TOLK	Toolik Lake Re baz=223	22.80	28	P	P	07 29 06.8 +0.8
E24K	Your Creek baz=237	22.82	30	P	P	07 29 07.2 +0.9
A21K	Barrow baz=22,SNR=45	22.83	19	P	P	07 29 06.7 +0.5
B22K	Teshchepuk Lake baz=226	22.83	23	P	P	07 29 07.1 +0.9
MESA	MESA baz=263	22.91	52	P	P	07 29 07.1 -0.3
A22K	Sinclair Lake baz=223	22.94	21	P	P	07 29 08.0 +0.6
GRNC	Granite Creek comp=Z,45nm,0.9s	23.08	51	IAMB	IAMB	07 29 33.0
J26L	Joseph Creek comp=Z,34nm,0.7s	23.09	41	IAMB	IAMB	07 29 10.0
J26L	Joseph Creek baz=252	23.09	41	P	P	07 29 08.5 -0.7
FYU	Fort Yukon comp=Z,82nm,1.2s	23.20	35	IAMB	IAMB	07 29 25.5
C23K	Ikilik River baz=231	23.22	25	P	P	07 29 10.8 +0.6
M27K	Edge Creek, AK comp=Z,45nm,0.8s	23.28	47	IAMB	IAMB	07 29 13.4
M27K	Edge Creek, AK baz=258,SNR=14	23.28	47	P	P	07 29 10.7 -0.4
CTG	Chitina Glacier comp=Z,70nm,1.2s	23.31	50	P	P	07 29 11.0 -0.4
CTGM	Chitina Glacier comp=Z,70nm,1.2s	23.31	50	IAMB	IAMB	07 29 12.3
D24K	Happy Valley baz=235	23.32	28	P	P	07 29 11.8 +0.6
TABL	Table Mountain comp=Z,45nm,1.0s	23.34	51	IAMB	IAMB	07 29 29.2
TYV	Tymovskoe	23.44	284	eP eS	P	07

Table with columns: ICAO, Name, Elevation, Frequency, Mode, Power, Azimuth, and other parameters. Includes stations like GNI, ARSA, UBR, NEHR, CLF, MLR, etc.

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Table with columns: ICAO, Name, Elevation, Frequency, Mode, Power, Azimuth, and other parameters. Includes stations like TXAR, MKAR, MKAR, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like G21K Allakaket, D19K Kuna River, C19K Lookout Ridge, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KSH2 Kashi, AKASG Mainin Array B, GERES GERESS Array B, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AMKA Amchitka, GAKI Gareloi-Kavalg, CESW Semis' Southwe, etc.

NEIC 26 07:51:47.7-2.2, 50.95N; 0.04:179.85W; 0.05; h10km, 1km,

I17K	Unalakleet	16.28	31	P	P	07 55 39.5	-0.7
H16K	Elim	16.34	28	P	P	07 55 40.3	-0.6
O18K	Koktuh Hills	16.35	48	P	Pn	07 55 39.5	+0.6
N18K	Kilae Creek	16.36	45	P	Pn	07 55 39.3	+0.2
K17K	Iditarod	16.39	37	P	Pn	07 55 40.2	+0.9
J17K	VABM Dome	16.51	34	P	P	07 55 41.9	+1.0
F15K	North Star Dit	16.53	22	P	Pn	07 55 42.0	+0.9
OHAK	Old Harbor	16.61	58	P	Pn	07 55 42.4	+0.3
L18K	Granite Mouna	16.75	40	Pn	Pn	07 55 43.3	-0.5
L18K	Granite Mouna	16.75	40	Pn	Pn	07 55 44.7	+0.8
M18K	Stony River	16.75	43	P	P	07 55 44.9	-0.6
Q19K	Cape Douglas,	16.81	52	Pn	Pn	07 55 44.1	-0.6
Q19K	Cape Douglas,	16.81	52	P	P	07 55 45.9	-0.3
G16K	Koyuk River	16.87	26	P	P	07 55 47.0	+0.2
O19K	Port Alsworth	16.89	48	P	Pn	07 55 46.3	+0.7
N19K	Bonanza Creek	17.05	46	P	IAmb	07 55 47.9	+0.2
N19K	Bonanza Creek	17.05	46	P	IAmb	07 55 52.4	
N19K	Bonanza Creek	17.05	46	P	P	07 55 48.8	-0.1
KDAK	Kodiak Island	17.09	57	P	P	07 55 44.8	-3.3
KDAK	Kodiak Island	17.09	57	P	P	07 55 45.8	-2.2
KDAK	Kodiak Island	17.09	57	P	IAmb	07 55 54.8	
KDAK	Kodiak Island	17.09	57	P	Pn	07 55 45.8	-2.2
KDAK	Kodiak Island	17.09	57	P	pmax		
KDAK	Kodiak Island	17.09	57	P	Pn	07 55 48.2	+0.1
P19K	Oil Pt	17.23	50	P	P	07 55 50.8	0.0
P19K	Oil Pt	17.23	50	P	P	07 55 51.1	+0.3
H17K	Granite Mouna	17.25	29	P	P	07 55 50.9	0.0
H17K	Granite Mouna	17.25	29	P	P	07 55 51.7	+0.8
J18K	Innoko River	17.41	36	P	P	07 55 53.2	+0.4
G17K	Kiwalik Mouna	17.43	27	P	P	07 55 53.6	+0.7
L19K	White Mountain	17.48	41	P	P	07 55 53.6	+0.2
L19K	White Mountain	17.48	41	P	P	07 55 53.7	+0.2
RED	Redoubt Volcan	17.69	48	P	P	07 55 56.8	+0.9
RED	Redoubt Volcan	17.69	48	P	IAmb	07 56 01.3	
H18K	Honhosa River	17.88	30	P	P	07 55 57.9	0.0
H18K	Honhosa River	17.88	30	P	Pn	07 55 58.9	+1.1
F17K	Baldwin Pennin	17.97	25	P	Pn	07 55 59.9	+1.1
HOM	Homer	18.00	51	P	P	07 55 59.9	+0.6
M20K	Styx River	18.08	43	P	Pn	07 56 01.5	+1.1
GCSA	Galena City Sc	18.11	33	P	Pn	07 56 01.8	+1.2
J19K	Poorman	18.11	36	P	Pn	07 56 01.9	+1.2
J19K	Poorman	18.11	36	P	P	07 56 02.1	+1.5
CNPM	China Poot	18.17	51	P	P	07 56 01.3	+0.2
CNPM	China Poot	18.17	51	P	IAmb	07 56 44.8	
SPCR	Spurr Chakacha	18.22	46	P	Pn	07 56 03.1	+1.0
BILL	Biilbino	18.25	343	Pn	Pn	07 56 03.2	+1.0
BILL	Biilbino	18.25	343	P	P	07 56 02.8	+0.6
BILL	Biilbino	18.25	343	P	pmax		
BILL	Biilbino	18.25	343	P	pmax		
SPU	Mount Spurr	18.29	46	P	P	07 56 03.0	+0.2
G18K	Tagagawik	18.30	28	P	Pn	07 56 03.1	+0.3
E17K	Hotham Inlet	18.32	23	P	Pn	07 56 04.2	+1.1
K20K	Telida	18.36	38	P	P	07 56 05.0	+1.3
BRLK	Bradley Lake	18.40	51	P	P	07 56 03.7	0.0
BRLK	Bradley Lake	18.40	51	P	IAmb	07 56 42.7	
BRSE	Bradley Lake S	18.47	51	P	P	07 56 04.3	-0.1
F18K	Selawik	18.51	26	P	Pn	07 56 06.5	+1.1
D17K	Noatak River	18.53	20	P	Pn	07 56 06.2	+0.6
C16K	Lisburne Hills	18.56	17	P	Pn	07 56 06.9	+0.9
C16K	Lisburne Hills	18.56	17	P	Pn	07 56 06.1	+0.1
CAPN	Captain Cook N	18.56	48	P	P	07 56 05.8	+0.4
H19K	Roundabout Mou	18.74	31	P	P	07 56 07.6	+0.4
J20K	Nowinta River	18.75	36	P	P	07 56 08.4	0.0
J20K	Nowinta River	18.75	36	P	P	07 56 08.1	-0.3
SKT	Skwentna	18.81	44	P	IAmb	07 56 09.9	+0.8
SKT	Skwentna	18.81	44	P	IAmb	07 56 15.4	
SKT	Skwentna	18.81	44	P	Pn	07 56 09.0	-0.1
RDOG	Red Dog Mine	18.86	20	P	Pn	07 56 09.8	+0.2
RDOG	Red Dog Mine	18.86	20	P	Pn	07 56 10.1	+0.5
E18K	Tukpahleark C	18.88	23	P	P	07 56 10.2	+0.3
PPLA	Purkeypille	18.91	41	P	Pn	07 56 10.6	+0.3
PPLA	Purkeypille	18.91	41	P	IAmb	07 56 37.0	
PPLA	Purkeypille	18.91	41	P	P	07 56 10.4	0.0
G19K	Purcell Mouna	18.94	29	P	P	07 56 08.0	-1.5
G19K	Purcell Mouna	18.94	29	P	Pn	07 56 10.6	+0.1
I20K	Naaghedeneel	18.97	34	P	P	07 56 10.5	-0.4
SUA	Susitna One	18.98	46	P	P	07 56 10.0	0.0
SUA	Susitna One	18.98	46	P	IAmb	07 56 16.5	
SUA	Susitna One	18.98	46	P	Pn	07 56 11.0	-0.2
C17K	DeLong Mountai	19.15	19	P	P	07 56 11.5	-0.4
SEW	Seward	19.18	50	P	P	07 56 12.2	+0.1
F19K	Shaleruckik Mo	19.20	27	P	Pn	07 56 13.3	-0.4
F19K	Shaleruckik Mo	19.20	27	P	Pn	07 56 12.4	-0.1
H20K	Anotleneega Mo	19.23	32	P	P	07 56 13.1	+0.3
CHUM	Lake Minchum	19.30	38	P	P	07 56 13.6	+0.2
L22K	Petersville	19.35	43	P	P	07 56 14.7	+0.6
L22K	Petersville	19.35	43	P	IAmb	07 56 15.1	
M22K	Willow	19.36	45	P	Pn	07 56 15.1	-0.4
KUT	Chulitna	19.52	43	P	Pn	07 56 17.0	-0.5
C18K	Kantishna Hill	19.71	40	P	P	07 56 19.1	-0.7
C18K	Utukok River	19.71	20	P	Pn	07 56 19.0	-0.8
C18K	Utukok River	19.71	20	P	IAmb	07 56 21.2	
PMR	Palmer	19.75	46	P	Pn	07 56 20.2	0.0
E19K	Redstone River	19.79	26	P	P	07 56 19.5	+0.7
E19K	Redstone River	19.79	26	P	P	07 56 20.5	-0.2
TRF	Thorofore Moun	19.92	41	P	Pn	07 56 22.0	-0.4
BPAW	Bear Paw Mtn.	19.92	38	P	Pn	07 56 21.5	-0.8

F20K	Avaraat Lake	19.95	28	P	Pn	07 56 22.0	-0.5
KNK	Knik Glacier	20.00	47	P	P	07 56 20.4	-0.7
KNK	Knik Glacier	20.00	47	P	Pn	07 56 22.7	-0.6
H21K	Melozitna Rive	20.04	33	P	Pn	07 56 23.1	-0.5
I21K	Tanana	20.07	35	P	Pn	07 56 23.4	-0.6
P23K	Montague Islan	20.16	51	P	P	07 56 24.0	+1.1
SML	Sawmill	20.18	46	P	IAmb	07 56 22.6	-0.5
SML	Sawmill	20.18	46	P	IAmb	07 56 27.5	
SML	Sawmill	20.18	46	P	Pn	07 56 24.5	-0.9
G21K	Allakaket	20.30	31	P	IAmb	07 56 25.2	+1.0
G21K	Allakaket	20.30	31	P	IAmb	07 56 26.3	
G21K	Allakaket	20.30	31	P	Pn	07 56 25.8	-0.9
D19K	Kuna River	20.31	23	P	IAmb	07 56 25.8	-1.1
D19K	Kuna River	20.31	23	P	IAmb	07 56 26.7	
D19K	Kuna River	20.31	23	P	Pn	07 56 26.0	-0.9
WAT1	Susitna Watana	20.41	43	P	P	07 56 26.9	+1.3
C19K	Lookout Ridge	20.43	21	P	P	07 56 26.7	+0.9
C19K	Lookout Ridge	20.43	21	P	IAmb	07 56 31.6	
C19K	Lookout Ridge	20.43	21	P	Pn	07 56 27.4	-0.9
M23K	Glacier View	20.45	46	P	P	07 56 26.9	+1.0
MCK	McKinley	20.59	41	P	P	07 56 27.7	+0.2
MCK	McKinley	20.59	41	P	pmax	07 56 27.7	+0.2
MCK	McKinley	20.59	41	P	P	07 56 28.0	+0.5
SCM	Sheep Creek Mo	20.64	46	P	IAmb	07 56 27.1	-1.1
SCM	Sheep Creek Mo	20.64	46	P	IAmb	07 56 32.1	
SCM	Sheep Creek Mo	20.64	46	P	pmax	07 56 27.1	-1.1
SCM	Sheep Creek Mo	20.64	46	P	pmax		
H22K	Ishatitna Cre	20.66	34	P	P	07 56 28.8	+0.6
WAT6	Susitna Watana	20.68	44	P	P	07 56 28.0	-0.6
F21K	Alatna River	20.73	29	P	IAmb	07 56 29.6	+0.6
F21K	Alatna River	20.73	29	P	IAmb	07 56 36.3	
F21K	Alatna River	20.73	29	P	P	07 56 29.8	+0.8
D20K	Etlvuk River	20.85	24	P	P	07 56 31.1	+0.8
D20K	Etlvuk River	20.85	24	P	P	07 56 30.7	+0.5
NEA2	Nenana	20.89	38	P	IAmb	07 56 30.2	-0.5
NEA2	Nenana	20.89	38	P	IAmb	07 56 38.9	
NEA2	Nenana	20.89	38	P	P	07 56 30.6	-0.1
DHY	Denali Highway	21.00	43	P	P	07 56 32.0	-0.1
DHY	Denali Highway	21.00	43	P	P	07 56 31.8	-0.3
I23K	Minto, Yukon-K	21.03	37	P	P	07 56 32.4	+0.3
I23K	Minto, Yukon-K	21.03	37	P	P	07 56 32.8	+0.7
KLU	Klutina	21.20	48	P	P	07 56 33.6	-0.5
M24K	Tolsona, Glenn	21.24	46	P	P	07 56 34.7	+0.2
M24K	Tolsona, Glenn	21.24	46	P	P	07 56 33.9	-0.7
COLA	College	21.48	38	P	P	07 56 38.9	+1.9
COLA	College	21.48	38	P	pmax	07 56 37.8	+0.8
COLA	College	21.48	38	P	pmax		
COLA	College	21.48	38	P	P	07 56 36.8	-0.2
G23K	Banza Creek	21.56	33	P	P	07 56 37.6	-0.2
G23K	Banza Creek	21.56	33	P	P	07 56 38.1	+0.2
C21K	Knifeblade Rid	21.63	24	P	P	07 56 39.1	+0.5
HDA	Harding Lake	21.66	40	P	P	07 56 38.2	-0.7
HDA	Harding Lake	21.66	40	P	P	07 56 39.3	+0.4
BMRM	Bremner River	21.71	50	P	P	07 56 39.8	-0.6
POKR	Poker Plat Res	21.75	38	P	P	07 56 39.7	-0.1
COLD	Coldfoot	21.78	31	P	P	07 56 42.2	+2.1
COLD	Coldfoot	21.78	31	P	P	07 56 40.1	0.0
HARP	HAARP	21.78	46	P	P	07 56 40.0	-0.2
E22K	Anaktuvuk Pass	21.80	28	P	IAmb	07 56 42.2	+1.8
E22K	Anaktuvuk Pass	21.80	28	P	IAmb	07 56 46.1	
E22K	Anaktuvuk Pass	21.80	28	P	P	07 56 40.8	+0.4
PAX	Paxson	21.80	44	P	IAmb	07 56 40.1	-0.4
PAX	Paxson	21.80	44	P	IAmb	07 56 47.0	
PAX	Paxson	21.80	44	P	pmax	07 56 40.1	-0.4
PAX	Paxson	21.80	44	P	pmax		
PAX	Paxson	21.80	44	P	P	07 56 40.3	-0.2
IL31	Eielson Array	21.82	39	P	P	07 56 40.5	-0.1
ILAR	Eielson Array	21.82	39	P	P	07 56 38.5	-2.2
ILAR	Eielson Array	21.82	39	P	PcP	08 00 38.5	0.0
ILAR	Eielson Array	21.82	39	P	PcP		
N25K	Chitina, Valde	21.85	48	P	P	07 56 41.5	+0.5
H24K	Noodor Dome	21.89	36	P	P	07 56 40.6	-0.8
H24K	Noodor Dome	21.89	36	P	P	07 56 41.9	+0.5
K24K	Donnelly Dome	21.92	42	P	IAmb	07 56 41.0	-0.8
K24K	Donnelly Dome	21.92	42	P	IAmb	07 57 16.1	
K24K	Donnelly Dome	21.92	42	P	P	07 56 41.9	+0.1
D22K	Aiykyak River	22.01	26	P	IAmb	07 56 44.1	+1.4
D22K	Aiykyak River	22.01	26</				

26d 7h

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like C36M Paulatuk, A36M Sachs Harbour, WRGLY Wrigley, etc.

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Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like HHC Little Creek M, RDMU Red Mountain, SRU San Rafael Swe, etc.

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Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like AKKB Malin Array Si, CLM Collin, SORM Soroca, etc.

IDC 26 07:58:05.4-2.3,51:05N;179:88W, h0km, mb3.3/7, mtimp3.58, ML3.9/1, MS3.1/1, Error ellipse: s-maj=66.9km, s-min=22.8km, az=1.0

NEIC 26 07:58:08.8-1.2,50:93N;0:05-179:96W, 0:04, h31km, 6km, mb3.7/5, ML3.5/10, ML3.1(AEIC), Error ellipse: s-maj=7.1km, s-min=2.9km, az=166.0

AEIC 26 07:58:09.0-2.4,51:04N;0:05-179:87W, 0:03, h7km, 5km, Error ellipse: s-maj=7.4km, s-min=2.3km, az=185.0

ISC 26 07:58:08.2-1.8,50:90N;0:1x179:94W;0:04, h25km, 11km, n47, c095/57, mb3.4/9, Andreevan Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like AMKA Amchitka, GAKI Gareloi-Kavaj, etc.

26d 8h

D20K	ETivluk River	20.91	24	P	P	08 16 37.4 +0.5
NEA2	Nenana	20.95	38	P	I Amb	08 16 36.9 -0.3
NEA2	Nenana	20.95	38	P	I Amb	08 16 42.1
DHY	Denali Highway	21.05	43	P	P	08 16 37.2 0.0
DHY	Denali Highway	21.05	43	P	I Amb	08 16 38.3 -0.3
DHY	Denali Highway	21.05	43	P	P	08 16 38.3 -0.3
I23K	Minto, Yukon-K	21.08	37	P	I Amb	08 16 39.0 +0.4
I23K	Minto, Yukon-K	21.08	37	P	P	08 16 39.0 +0.4
EYAK	Cordova Ski Ar	21.12	50	P	P	08 16 40.0 +0.9
DIV	Divide	21.23	49	I Amb	I Amb	08 16 49.8
KLU	Klutina	21.25	48	P	P	08 16 41.6 +1.0
KLU	Klutina	21.25	48	P	I Amb	08 16 49.7
KLU	Klutina	21.25	48	P	P	08 16 41.0 +0.4
M24K	Tolson, Glenn	21.29	46	I Amb	I Amb	08 16 51.3
M24K	Tolson, Glenn	21.29	46	P	P	08 16 41.3 +0.3
COLA	College	21.54	38	P	P	08 16 45.3 +1.8
COLA	College	21.54	38	P	I p	08 16 45.5 +2.0
COLA	College	21.54	38	P	P	08 16 44.3 +0.8
G23K	Bananza Creek	21.62	32	P	P	08 16 44.7 +0.3
G23K	Bananza Creek	21.62	32	P	I Amb	08 17 01.8
G23K	Bananza Creek	21.62	32	P	P	08 16 45.2 +0.8
KAIM	Kayak Island	21.67	52	P	P	08 16 45.5 +0.5
C21K	Knifeblade Rid	21.70	24	P	P	08 16 45.9 +0.7
HDA	Harding Lake	21.71	40	P	P	08 16 45.0 -0.4
HDA	Harding Lake	21.71	40	P	I Amb	08 17 06.3
HDA	Harding Lake	21.71	40	P	P	08 16 45.7 +0.4
BMRM	Bremner River	21.76	49	I Amb	I Amb	08 16 56.4
BMRM	Bremner River	21.76	49	P	P	08 16 46.3 +0.3
POKR	Poker Plat Res	21.80	38	P	P	08 16 45.9 -0.5
POKR	Poker Plat Res	21.80	38	P	P	08 16 46.5 +0.1
HARP	HAARP	21.83	45	P	P	08 16 47.4 +0.7
COLD	Coldfoot	21.84	31	P	P	08 16 47.3 +0.6
PAX	Paxson	21.85	44	P	I Amb	08 16 46.8 -0.2
PAX	Paxson	21.85	44	P	I Amb	08 16 53.6
PAX	Paxson	21.85	44	P	P	08 16 46.8 -0.2
PAX	Paxson	21.85	44	P	P	08 16 47.3 +0.4
E22K	Anaktuvuk Pass	21.86	28	P	P	08 16 47.7 +0.7
ILAR	Eielson Array	21.88	39	P	P	08 16 46.2 -1.0
ILAR	Eielson Array	21.88	39	P	P	08 16 46.9 -0.2
ILAR	Eielson Array	21.88	39	P	P	08 16 46.9 -0.2
ILAR	Eielson Array	21.88	39	P	P	08 16 47.2 -1.1
N25K	Chitina, Valde	21.89	48	P	P	08 16 48.1 +0.6
N25K	Chitina, Valde	21.89	48	P	P	08 16 47.9 -0.1
H24K	Noodor Dome	21.95	36	P	P	08 16 48.0 0.0
H24K	Noodor Dome	21.95	36	P	P	08 16 47.2 -1.1
K24K	Donnelly Dome	21.98	42	P	I Amb	08 16 53.4
K24K	Donnelly Dome	21.98	42	P	P	08 16 47.8 -0.5
D22K	Aiyikyak River	22.08	26	I Amb	I Amb	08 16 56.2
D22K	Aiyikyak River	22.08	26	P	P	08 16 49.7 +0.4
GLB	Gilahina Butte	22.23	48	I Amb	I Amb	08 16 56.8
RIDG	Independent Ri	22.35	42	I Amb	I Amb	08 17 14.5
RIDG	Independent Ri	22.35	42	P	P	08 16 51.6 -0.7
VRDI	Verde Repeater	22.36	49	I Amb	I Amb	08 17 06.3
J25K	Salcha River,	22.42	40	P	P	08 16 51.7 -1.4
CRQM	Cirque	22.43	50	I Amb	I Amb	08 17 08.3
CRQE	Cirque	22.45	50	P	P	08 16 52.8 -0.6
E23K	Chandalar	22.48	30	P	P	08 16 53.9 +0.2
G24K	Hadweenzic Riv	22.49	34	I Amb	I Amb	08 16 58.7
G24K	Hadweenzic Riv	22.49	34	P	P	08 16 54.1 +0.4
MCARA	McCarthy VSAT	22.59	49	I Amb	I Amb	08 17 07.7
MCARA	McCarthy VSAT	22.59	49	P	P	08 16 54.6 -0.2
D23K	Nanushuk River	22.70	27	I Amb	I Amb	08 17 01.5
D23K	Nanushuk River	22.70	27	P	P	08 16 55.7 -0.2
PRP	Porcupine Dome	22.70	37	P	P	08 16 56.7 +0.6
PRP	Porcupine Dome	22.70	37	P	P	08 16 55.2 -0.9
F24K	Squaw Lake	22.75	32	I Amb	I Amb	08 17 02.7
F24K	Squaw Lake	22.75	32	P	P	08 16 56.5 0.0
SCRK	Sand Creek	22.78	42	P	P	08 16 55.2 -1.8
ISLE	Juniper Island	22.79	51	P	P	08 16 56.5 -0.6
L26K	Log Cabin Wild	22.79	44	P	P	08 16 56.2 -0.8
TOLK	Toolik Lake Re	22.83	28	I Amb	I Amb	08 17 01.0
TOLK	Toolik Lake Re	22.83	28	P	P	08 16 57.2 -0.1
E24K	Your Creek	22.85	30	P	P	08 16 57.2 -0.4
B22K	Teshkepuk Lake	22.86	23	I Amb	I Amb	08 17 00.2
B22K	Teshkepuk Lake	22.86	23	P	P	08 16 57.5 -0.1
A21K	Barrow	22.87	19	P	P	08 16 57.4 -0.2
MESA	MESA	22.93	52	P	P	08 16 58.1 -0.6
A22K	Sinclair Lake	22.98	21	P	P	08 16 58.1 -0.7
GRNC	Granite Creek	23.09	51	I Amb	I Amb	08 17 23.6
J26L	Joseph Creek	23.12	41	P	P	08 16 58.4 -2.0
BARN	Barnard Glacie	23.19	50	I Amb	I Amb	08 17 06.0
FYU	Fort Yukon	23.23	35	I Amb	I Amb	08 17 15.8
C23K	Ikiklik River	23.25	25	I Amb	I Amb	08 17 05.7
C23K	Ikiklik River	23.25	25	P	P	08 17 01.4 -0.1
M27K	Edge Creek, AK	23.30	46	I Amb	I Amb	08 17 18.1

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M27K	Edge Creek, AK	23.30	46	P	P	08 17 01.7 -0.6
CTG	Chitna Glacier	23.33	50	P	P	08 17 01.9 -0.7
D24K	Happy Valley	23.35	28	I Amb	I Amb	08 17 10.4
D24K	Happy Valley	23.35	28	P	P	08 17 01.5 -1.0
TYV	Tymovskoe	23.46	284	eP	P	08 17 05.3 +1.6
TYV	Tymovskoe	23.46	284	P	P	08 17 05.3 +1.6
TYV	Tymovskoe	23.46	284	P	P	08 17 05.3 +1.6
LOGM	Logan Glacier	23.47	50	P	P	08 17 03.2 -0.8
L27K	Beaver Creek,	23.48	45	P	P	08 17 02.8 -1.0
BCAR	Beaver Creek A	23.50	45	P	P	08 17 03.2 -0.8
F25K	Christian Rive	23.54	33	P	P	08 17 03.9 -0.5
C24K	Franklin Bluff	23.71	27	I Amb	I Amb	08 17 10.8
C24K	Franklin Bluff	23.71	27	P	P	08 17 05.6 -0.3
P1NM	Pinnacle	23.77	52	P	P	08 17 06.0 -0.7
BVCY	Beaver Creek	23.78	47	P	P	08 17 06.3 -0.4
E25K	Arctic Village	23.82	32	I Amb	I Amb	08 17 06.8 -0.2
E25K	Arctic Village	23.82	32	P	P	08 17 07.1
YUK3	Yukon Creek	23.86	48	P	P	08 17 07.0 -0.7
O28M	Mount Upton	23.86	51	P	P	08 17 07.1 -0.7
F26K	Sheenjek River	24.10	33	P	P	08 17 09.0 -0.6
YUK8	Steele Glacier	24.13	50	P	P	08 17 08.9 -1.3
D25K	Kavik River	24.17	29	I Amb	I Amb	08 17 15.6
D25K	Kavik River	24.17	29	P	P	08 17 09.9 -0.4
I27K	Kandik River	24.25	39	P	P	08 17 09.7 -1.3
UGL	Ulglegorsk	24.36	280	eP	P	08 17 13.9 +1.9
UGL	Ulglegorsk	24.36	280	P	P	08 17 13.9 +1.9
H27K	Steamboat Moun	24.49	37	P	P	08 17 12.3 -0.9
O29M	Mount Kennedy	24.62	52	P	P	08 17 13.7 -0.8
G27K	Doyon Strip	24.64	36	P	P	08 17 13.5 -1.1
YUK4	Talbot Arm	24.67	50	P	P	08 17 14.4 -0.6
YSS	Yuzhno-Sakhali	24.70	275	I Amb	I Amb	08 17 15.7 +0.5
YSS	Yuzhno-Sakhali	24.70	275	eP	P	08 17 17.0 +1.8
YSS	Yuzhno-Sakhali	24.70	275	P	P	08 17 17.0 +1.8
YSS	Yuzhno-Sakhali	24.70	275	P	P	08 17 17.0 +1.8
DAWY	Dawson	24.76	43	P	P	08 17 15.1 -0.6
DAWY	Dawson	24.76	43	P	P	08 17 14.7 -1.0
YUK6	Outpost Mounta	24.77	50	P	P	08 17 14.3 -1.7
I28M	Miner Creek	24.87	40	I Amb	I Amb	08 17 37.3
I28M	Miner Creek	24.87	40	P	P	08 17 15.5 -1.3
M29M	Somme Creek	24.89	47	I Amb	I Amb	08 17 22.9
M29M	Somme Creek	24.89	47	P	P	08 17 16.2 -0.7
C26K	Camden Bay	24.92	28	P	P	08 17 17.2 +0.3
C27K	Jago River	25.13	29	I Amb	I Amb	08 17 24.8
C27K	Jago River	25.13	29	P	P	08 17 18.5 -0.5
L29M	L29M	25.14	45	I Amb	I Amb	08 17 25.2
L29M	L29M	25.14	45	P	P	08 17 18.5 -0.6
HYT	Haines Junctio	25.18	51	I Amb	I Amb	08 17 19.3 -0.3
HYT	Haines Junctio	25.18	51	P	P	08 17 19.3 -0.3
E27K	Coleen River	25.18	33	P	P	08 17 19.1 -0.4
P30M	Million Dollar	25.42	53	P	P	08 17 21.2 -0.5
N30M	Aishkik Lake	25.43	49	I Amb	I Amb	08 17 48.2
N30M	Aishkik Lake	25.43	49	P	P	08 17 21.5 -0.3
I29M	Ogilvie Camp,	25.51	40	I Amb	I Amb	08 17 21.9 -0.6
I29M	Ogilvie Camp,	25.51	40	P	P	08 17 21.8 -0.6
K29M	Barlow Dome	25.53	44	I Amb	I Amb	08 17 33.0
K29M	Barlow Dome	25.53	44	P	P	08 17 22.0 -0.7
F28M	Old Crow	25.57	35	P	P	08 17 23.1 +0.2
F28M	Old Crow	25.57	35	I Amb	I Amb	08 17 39.3
F28M	Old Crow	25.57	35	P	P	08 17 22.8 -0.2
M30M	Minto, Yukon	25.67	47	P	P	08 17 23.5 -0.4
H29M	Whitstone	25.70	38	P	P	08 17 23.5 -0.7
D27M	Malcolm River	25.82	31	P	P	08 17 24.7 -0.6
O30M	Mendenhall	25.87	51	P	P	08 17 25.4 -0.4
G29M	Pine Creek	26.03	37	P	P	08 17 26.4 -0.8
E28M	Babbage River	26.05	33	P	P	08 17 26.5 -0.7
N31M	Braeburn, Yuko	26.05	49	P	P	08 17 26.7 -0.8
J30M	Hart River	26.17	42	I Amb	I Amb	08 17 37.6
J30M	Hart River	26.17	42	P	P	08 17 27.6 -0.9
MAYO	Mayo, Yukon	26.20	45	I Amb	I Amb	08 17 55.3
MAYO	Mayo, Yukon	26.20	45	P	P	08 17 28.2 -0.5
I30M	Mount Dempster	26.27	41	P	P	08 17 28.4 -1.0
EPYK	Esq Plains	26.39	38	P	P	08 17 29.2 -1.2
SIT	Sitka	26.40	59	P	P	08 17 29.4 -1.1
E29M	Blow River	26.54	34	P	P	08 17 31.0 -0.6
D28M	Stokes Point	26.59	31	P	P	08 17 31.7 -0.3
F30M	Barrier River	27.06	36	P	P	08 17 35.5 -0.9
H31M	Peel River	27.21	40	I Amb	I Amb	08 17 52.3
H31M	Peel River	27.21				

26d 8h

Table with columns for station name, frequency, power, and signal strength. Includes stations like SWET, TKM2, FIA1, FINES, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like AKASG, AKAB, KIEV, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like SQTA, ARR, TIRR, etc.

IDC 26 08:21:01.2+1.8, 1.96N:127.40E, h0km, mb3.6/5, s-mbt=20.4km az=66.0, Halmahepa

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DAV, WRA, ASAR, etc.

ISK 26 08:22:13.9, 36.48N:29.47E, h14km, ML1.9/9, Turkey

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKAS, ELL, GALE, etc.

ISK 26 08:26:56.3, 39.08N:27.83E, h6km, ML3.3/0 AFAD 26 08:26:56.5, 39.08N:27.83E, h7km, 2km, MW3.5

THE 26 08:26:59.4, 39.1N:27.8E, h32km, 15km, M3.2/12, MLh3.2/12

ISC 26 08:26:56.8-0.9, 39.08N:01:27.83E:0.01, h11km, 6km, n131, 0e971/171, 1C-6D, Turkey

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKHS, AKS, SOMA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like FCAR Ozark Folk Cen, MIAR Mount Ida, and various array stations.

Table with columns for Code, Station Name, and other details. Includes stations like AMKA Amchitka, GAKI Gareloi-Kavalg, and various array stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KIWB Kanaga Island, KIKV Kanaga Island, and various array stations.

Table with columns for Code, Station Name, and other details. Includes stations like AMKA Amchitka, GAKI Gareloi-Kavalg, and various array stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like C16K Lisburne Hills, PPLA Purkeypile, and various array stations.

Table with columns for Code, Station Name, and other details. Includes stations like AMKA Amchitka, GAKI Gareloi-Kavalg, and various array stations.

BUJ 26 09:12:02.4, 51°23'N, 179°16'W, h16km, mB5.7/65, mB5.5/95, M55.6/97, M57.5/96, ...

PMR	Palmer	19.72	46	P	P	09 16 33.6	-0.7
PMR	Palmer	19.72	46	P	P	09 16 36.9	+1.0
PMR	Palmer	19.72	46	P	P	09 16 36.7	+0.1
E19K	Redstone River	19.78	26	P	P	09 16 35.1	-1.0
GHO	Glory Hole Cre	19.87	46	Iamb	Iamb	09 16 42.8	-1.0
GHO	Glory Hole Cre	19.87	46	Iamb	Iamb	09 16 45.1	-1.0
TRF	Thorofare Moun	19.89	40	P	P	09 16 37.0	+0.5
BPAW	Bear Pat	19.90	38	P	P	09 16 37.8	-0.3
F20K	Avaraart Lake	19.93	28	P	P	09 16 37.9	+0.5
KNK	Knik Glacier	19.97	47	P	P	09 16 36.1	-1.0
KNK	Knik Glacier	19.97	47	P	P	09 16 46.5	-1.0
KNK	Knik Glacier	19.97	47	P	P	09 16 37.2	+0.1
H21K	Melozina River	20.02	33	P	P	09 16 39.5	0.0
I21K	Tanana	20.05	35	P	P	09 16 39.5	-0.3
P23K	Montague Islan	20.12	51	IAMS_20	IAMS_20	09 25 40.1	
P23K	Montague Islan	20.12	51	P	P	09 16 39.3	+0.5
SML	Sawmill	20.14	46	P	P	09 16 38.6	-0.5
SML	Sawmill	20.14	46	P	P	09 16 39.3	+0.2
G21K	Allakaket	20.28	31	P	P	09 16 41.6	-0.9
D19K	Kuna River	20.30	23	P	P	09 16 42.8	0.0
WAT1	Susitna Watana	20.38	43	P	P	09 16 40.5	-1.2
M29K	Glacier View	20.41	46	P	P	09 16 40.3	-1.7
C19K	Lookout Ridge	20.43	21	P	P	09 16 44.0	-0.3
GLI	Glacier Island	20.47	49	IAMS_20	IAMS_20	09 25 58.1	
GLI	Glacier Island	20.47	49	P	P	09 16 41.0	-1.5
R23K	Reindeer	20.47	41	IAMS_20	IAMS_20	09 24 59.9	
QNDK	Middleton Ista	20.55	53	P	P	09 16 44.0	+0.7
MCK	McKinley	20.56	40	IAMS_20	IAMS_20	09 25 37.4	
MCK	McKinley	20.56	40	P	P	09 16 42.6	-1.0
SCM	Sheep Creek Mo	20.61	46	P	P	09 16 42.9	-1.2
H22K	Ishatitna Cre	20.64	34	P	P	09 16 45.9	-0.9
HIN	Hinchinbrook I	20.65	51	IAMS_20	IAMS_20	09 26 08.8	
WAT6	Susitna Watana	20.65	44	P	P	09 16 43.4	-1.3
F21K	Alatina River	20.71	29	IAMS_20	IAMS_20	09 25 38.3	
F21K	Alatina River	20.71	29	P	P	09 16 46.6	-1.0
FID	Port Fidalgo	20.73	50	IAMS_20	IAMS_20	09 26 02.5	
D20K	Etiwuk River	20.84	24	P	P	09 16 47.9	-1.2
NEA2	Nenana	20.86	38	P	P	09 16 46.7	0.0
DHY	Denali Highway	20.97	43	IAMS_20	IAMS_20	09 26 14.4	
DHY	Denali Highway	20.97	43	P	P	09 16 40.8	-0.2
I23K	Minto, Yukon-K	21.00	37	IAMS_20	IAMS_20	09 25 22.0	
I23K	Minto, Yukon-K	21.00	37	P	P	09 16 48.9	+0.7
EYAK	Cordova Ski Ar	21.04	50	IAMS_20	IAMS_20	09 26 22.3	
EYAK	Cordova Ski Ar	21.04	50	P	P	09 16 48.4	-0.3
EYAK	Cordova Ski Ar	21.04	50	P	P	09 16 49.3	+0.6
DIV	Divide	21.15	49	IAMS_20	IAMS_20	09 26 20.2	
KLU	Klutina	21.17	48	IAMS_20	IAMS_20	09 26 12.6	
KLU	Klutina	21.17	48	P	P	09 16 51.2	+1.1
M24K	Tolsona, Glenn	21.21	46	P	P	09 16 50.3	-0.3
COLA	College	21.46	38	Iamb	Iamb	09 17 05.0	
COLA	College	21.46	38	P	P	09 16 52.7	-0.4
COLA	College	21.46	38	iP	P	09 16 53.2	+0.1
COLA	College	21.46	38	P	P	09 16 53.0	-0.2
RAGM	Ragged Mountai	21.54	51	IAMS_20	IAMS_20	09 25 54.4	
G23K	Bananza Creek	21.54	32	P	P	09 16 54.8	+0.7
G23K	Bananza Creek	21.54	32	Iamb	Iamb	09 17 00.2	
G23K	Bananza Creek	21.54	32	P	P	09 16 55.2	+1.1
KAIM	Kayak Island	21.59	52	IAMS_20	IAMS_20	09 26 00.9	
C21K	Knifblade Rid	21.62	24	P	P	09 16 56.1	+1.2
HDA	Harding Lake	21.63	40	IAMS_20	IAMS_20	09 26 08.7	
HDA	Harding Lake	21.63	40	P	P	09 16 54.5	-0.5
BMRM	Bremner River	21.67	49	IAMS_20	IAMS_20	09 26 45.0	
BMRM	Bremner River	21.67	49	P	P	09 16 56.0	+0.5
POKR	Poker Plat Res	21.72	38	IAMS_20	IAMS_20	09 25 53.0	
POKR	Poker Plat Res	21.72	38	P	P	09 16 56.8	+0.8
HARP	HAARP	21.75	46	P	P	09 16 56.4	+0.1
COLD	Coldfoot	21.76	31	P	P	09 16 56.6	+0.2
P2X	Paxson	21.77	44	P	P	09 16 56.5	-0.1
E22K	Anaktuvuk Pass	21.78	28	IAMS_20	IAMS_20	09 26 23.4	
E22K	Anaktuvuk Pass	21.78	28	P	P	09 16 57.5	+0.8
ILAR	Eielson Array	21.79	39	P	P	09 16 54.4	-2.4
ILAR	Eielson Array	21.79	39	PcP	PcP	09 20 55.2	-0.7
ILAR	Eielson Array	21.79	39	S	S	09 24 31.7	+0.8
ILAR	Eielson Array	21.79	39	P	P	09 16 54.9	-1.8
H25K	Chitina, Valde	21.81	48	P	P	09 16 56.8	-0.3
H24K	Noodor Dome	21.86	36	IAMS_20	IAMS_20	09 25 48.8	
H24K	Noodor Dome	21.86	36	P	P	09 16 57.2	-0.4
K24K	Donnelly Dome	21.89	42	IAMS_20	IAMS_20	09 26 03.7	
S24K	Donnelly Dome	21.89	42	P	P	09 16 57.0	-0.9
KUCK	Suckling Hills	21.93	52	IAMS_20	IAMS_20	09 26 33.8	
D22K	Aiyikyak River	22.00	26	IAMS_20	IAMS_20	09 26 14.2	
D22K	Aiyikyak River	22.00	26	P	P	09 17 00.1	+1.2
GLB	Gilahina Butte	22.14	48	IAMS_20	IAMS_20	09 27 00.4	
RIDG	Independent Ri	22.27	42	IAMS_20	IAMS_20	09 26 07.5	

RIDG	Independent Ri	22.27	42	P	P	09 17 00.9	-1.0
KUR	Kuril'sk	22.27	267	eP	S	09 17 01.2	-0.8
KUR	Kuril'sk	22.27	267	P	P	09 21 06.4	+1.0
VRDI	Verde Repeater	22.27	49	IAMS_20	IAMS_20	09 27 12.8	
J25K	Salcha River	22.34	40	IAMS_20	IAMS_20	09 26 40.4	
J25K	Salcha River	22.34	40	P	P	09 17 00.8	-1.9
CRQE	Chandalar	22.37	50	P	P	09 17 02.7	-0.4
E23K	Chandalar	22.41	30	IAMS_20	IAMS_20	09 26 43.0	
E23K	Chandalar	22.41	30	P	P	09 17 03.8	+0.4
SNH	Sunshine Point	22.41	52	IAMS_20	IAMS_20	09 26 49.5	
G24K	Hadweench Riv	22.41	34	P	P	09 17 04.3	+1.0
MCARA	McCarthy VSAT	22.50	49	IAMS_20	IAMS_20	09 27 11.0	
MCARA	McCarthy VSAT	22.50	49	P	P	09 17 04.5	+0.1
MENT	Mentana	22.53	45	P	P	09 17 04.2	-0.5
DOT	Dot Lake	22.57	43	IAMS_20	IAMS_20	09 26 17.5	
PRP	Porcupine Dome	22.62	38	IAMS_20	IAMS_20	09 26 29.7	
PRP	Porcupine Dome	22.62	38	P	P	09 17 03.5	-2.2
D23K	Nanushuk River	22.62	27	IAMS_20	IAMS_20	09 27 17.5	
D23K	Nanushuk River	22.62	27	P	P	09 17 06.3	+0.8
FCRK	Squaw Lake	22.67	32	P	P	09 17 07.0	+0.8
SCRK	Sand Creek	22.70	42	IAMS_20	IAMS_20	09 26 20.0	
SCRK	Sand Creek	22.70	42	P	P	09 17 05.0	-1.6
L26K	Log Cabin Wild	22.71	44	IAMS_20	IAMS_20	09 27 25.4	
L26K	Log Cabin Wild	22.71	44	P	P	09 17 05.8	-0.8
TOLK	Took Lake Re	22.75	28	IAMS_20	IAMS_20	09 27 04.1	
TOLK	Took Lake Re	22.75	28	P	P	09 17 07.2	+0.2
E24K	Your Creek	22.77	30	IAMS_20	IAMS_20	09 27 02.6	
E24K	Your Creek	22.77	30	P	P	09 17 07.5	+0.3
B22K	Teshepkuk Lake	22.79	23	P	P	09 17 07.4	+0.1
A21K	Barrow	22.79	19	P	P	09 17 07.5	+0.2
MESA	MESA	22.85	52	P	P	09 17 07.7	-0.5
A22K	Sinclair Lake	22.90	21	P	P	09 17 08.5	0.0
J26L	Joseph Creek	23.04	41	IAMS_20	IAMS_20	09 27 29.9	
J26L	Joseph Creek	23.04	41	P	P	09 17 08.1	-2.0
BARN	Barnard Glacier	23.10	50	IAMS_20	IAMS_20	09 27 08.8	
C23K	Ikilik River	23.18	25	IAMS_20	IAMS_20	09 26 37.2	
C23K	Ikilik River	23.18	25	P	P	09 17 12.1	+0.8
M27K	Edge Creek, AK	23.22	47	IAMS_20	IAMS_20	09 27 41.9	
M27K	Edge Creek, AK	23.22	47	P	P	09 17 11.2	-0.8
CTG	Chitina Glacier	23.25	50	P	P	09 17 11.8	-0.5
CTGM	Chitina Glacier	23.25	50	IAMS_20	IAMS_20	09 27 22.6	
D24K	Happy Valley	23.27	28	IAMS_20	IAMS_20	09 27 31.7	
D24K	Happy Valley	23.27	28	P	P	09 17 12.3	+0.1
LOGN	Logan Glacier	23.39	51	P	Iamb	09 17 12.9	-0.8
LOGN	Logan Glacier	23.39	51	Iamb	Iamb	09 17 21.1	
LOGN	Logan Glacier	23.39	51	IAMS_20	IAMS_20	09 27 36.4	
L27K	Beaver Creek	23.39	45	P	P	09 17 13.5	-0.1
L27K	Beaver Creek	23.39	45	Iamb	Iamb	09 17 15.2	
L27K	Beaver Creek	23.39	45	P	P	09 17 13.1	-0.5
BCRK	Beaver Creek A	23.41	45	P	P	09 17 13.7	-0.1
F25K	Christian River	23.46	33	IAMS_20	IAMS_20	09 27 39.0	
F25K	Christian River	23.46	33	P	P	09 17 14.2	-0.1
TYV	Tymovskoe	23.50	284	eP	P	09 17 16.4	+1.7
TYV	Tymovskoe	23.50	284	P	P	09 17 16.4	+1.7
C24K	Franklin Bluff	23.63	27	IAMS_20	IAMS_20	09 27 55.4	
C24K	Franklin Bluff	23.63	27	P	P	09 17 15.7	0.0
PINM	Pinnacle	23.69	52	P	P	09 17 16.1	-0.4
BVCY	Beaver Creek	23.70	47	P	P	09 17 16.1	-0.5
E25K	Arctic Village	23.74	32	IAMS_20	IAMS_20	09 27 49.2	
E25K	Arctic Village	23.74	32	P	P	09 17 17.3	+0.4
BMAR	Burnt Mountain	23.75	33	P	P	09 17 16.7	-0.3
YUK3	Moose Creek	23.78	48	P	P	09 17 16.8	-0.7
O28M	Mount Rainer	23.78	51	P	P	09 17 16.4	-1.2
BCPM	Bancas Point	23.93	53	IAMS_20	IAMS_20	09 28 25.2	
F26K	Sheenik River	24.02	33	IAMS_20	IAMS_20	09 28 05.7	
F26K	Sheenik River	24.02	33	P	P		

26d 9h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like P33M Teslin, U33K Whale Pass, F31M Tsigichtic, etc.

2020 JAN

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MAJO Matsu-Tunnel, VLA Vladivostok, MDJ Mudanjiang, etc.

1838

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like KCPM Cahto Peak, M03C McCloud, CIT Chita, etc.

s-maj=19.2km s-min=12.3km az=165.0
GCMT 26:09:14:01.9.0.3.05:90N.0:02:179:62W.0:03:h36km,
MW5.6/117.Moment Tensor Solution. s17.c185;
Duration: 1s5 Moment tensor: Scale 10^17N;
Mn:2.96e+17; Mo:1.45e+10; Mx:1.52e+09; My:1.06e+06;
Mz:1.21e+04; Mx0.54e+05; Best double couple:
M3.06600x10^17 NP1.9x218.00000, s34.00000,
780.00000. NP2:5.510000, s56.00000, s97.00000;
Principal axes: T 3.2170, P1g78.0000, Azm34.0000; N
-0.3130, P1g6.0000, Azm227.0000; P -2.9140,
P1g11.0000; Azm136.0000; nst1 refers to body waves.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

AEIC 26:09:14:02.6:2.1.51.06N.0:05:179:80W.0:03:h13km,4km
Error ellipse: s-maj=8.0km s-min=3.0km az=175.0
NEIC 26:09:14:04.9:1.1.51.2N.0:1:179:90W.0:04:h40km,7km,
mb5.4/62.ML5.5/14.ML5.1(AEIC). Error ellipse:
s-maj=15.6km s-min=3.7km az=178.0
ISC 26:09:14:05.0:0.5.51.15N.0:09:179.79W.0:03:h45km,3km,
n224.c19:04/249,mb5.2/92,13D,Andreanof Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various seismic stations and their coordinates and phases.

Table with columns: Q09A, Carvers, 44.65 81 P, 09 22 13.5 +0.4. Lists seismic events with station codes, magnitudes, and times.

Table with columns: KIEV, Kiev, 75.58 341 P, 09 25 43.0 -1.4. Lists seismic events with station codes, magnitudes, and times.

Table with columns: TSUM, Tsumeb, 145.29 330, PKPbc, PKPdf, 09 33 38.4 +0.6, LBTB, Lobatse, 147.45 314, PKPbc, PKPbc, 09 33 44.5 +0.7, BOS, Boshof, 150.66 311, PKPbc, PKiKp, 09 33 52.6 +0.1, ELIB, Princess Elisa, 156.72 198, dPKPdf, PKPdf, 09 33 50.8 -2.9

KNET 26 09:16:12.4, 0.3, 42.67N, 74.82E, h13km, 3km, ml2.6, Error ellipse: s-maj=2.0km s-min=1.6km az=131.0 NNC 26 09:16:13.5, 0.2, 42.72N, 74.79E, h9km, mb3.8, mpv3.5, Error ellipse: s-maj=3.8km s-min=0.9km az=156.0 KRNK 26 09:16:13.2, 0.1, 42.68N, 74.81E, h19km, mb3.4 SOME 26 09:16:13.4, 0.2, 42.70N, 74.80E, h10km ISC 26 09:16:13.7, 0.9, 42.68N, 0.02, 74.79E, 0.01, h5km, 7km, n78, e0999/142, 41C-40D, Kyrgyzstan

Main station list table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Karagaybulak, Bishkek, Ala-Archa, Chumysh, Uchtor, Osh, Przhval'sk, Arhaly, Kurum, Kokepek, Sufi-Kurgan, Terek-Say, Kopek, Balaybastay, Uzunbulak, Karatay Array, Shalkode, Podgornoye, Iuzhnyy, Borolday, Makanchi, Kurchatov Arra, Amchitka, Gareloi-Kavaly, Gareloi Southw, Semis' Southwe, Gareloi Lava P, Semis' Cerberu, Gareloi North, Gareloi Northe, Little Sitkin, Tanaga Southw, Little Sitkin, Tanaga North, Tanaga Flats, Little Sitkin, Tanaga Falls P, Tanaga Point A.

Main station list table with columns: ARSB, Salom-Alik, 1.94 202, jES, Sb, 09 17 12.9 -0.5, SALK, Salom-Alik, 1.94 202, jES, Sb, 09 16 48.1 +0.6, SALK, Salom-Alik, 1.94 202, jES, Sb, 09 17 13.4 -0.7, ARK, Arkit, 2.28 248, jES, Sb, 09 16 52.9 +0.8, ARK, Arkit, 2.28 248, jES, Sb, 09 17 21.6 +1.0, ARK, Arkit, 2.28 248, jES, Sb, 09 16 54.6 +0.6, BTLS, 76m, 0.3s, P, Pg, 09 17 25.3, BTLS, 11m, 0.3s, Lg, Lg, 09 17 25.3, BTLS, 76m, 0.3s, 2.42 347, eP, Pn, 09 16 54.4 +0.4, BTLS, 76m, 0.3s, eS, Sn, 09 17 24.6 +0.5, TARG, Taragay, Kyrgy, 2.43 112, jES, Sb, 09 16 54.9 +0.4, TARG, Taragay, Kyrgy, 2.43 112, jES, Sb, 09 17 25.2 +0.4, KURS, Kuram, 2.60 71, P, Pg, 09 17 00.7 -0.3, KURS, Kuram, 2.60 71, P, Pg, 09 17 34.4, OHH, Osh, 2.63 216, jES, Sb, 09 16 57.6 +0.7, OHH, Osh, 2.63 216, jES, Sb, 09 17 29.9 +0.7, PRZ, Przhval'sk, 2.67 93, jES, Sb, 09 16 58.1 +0.5, PRZ, Przhval'sk, 2.67 93, jES, Sb, 09 17 30.8 +0.4, SATY, Saty, 2.68 81, P, Pg, 09 17 03.2 +0.9, SATY, Saty, 2.68 81, P, Pg, 09 17 38.8, SATY, Saty, 2.68 81, P, Pg, 09 17 01.7 -0.7, ARXS, Arhaly, 2.69 54, P, Pg, 09 17 01.7 -0.7, ARXS, Arhaly, 2.69 54, P, Pg, 09 17 36.2, ARXS, Arhaly, 2.69 54, P, Pg, 09 17 01.7 -0.7, ARXS, Arhaly, 2.69 54, P, Pg, 09 17 36.2 +0.4, SFK, Sufi-Kurgan, 2.83 200, jES, Sb, 09 17 00.5 +0.6, SFK, Sufi-Kurgan, 2.83 200, jES, Sb, 09 17 35.0 +0.5, TRKS, Terek-Say, 2.95 248, jES, Sb, 09 17 02.4 +1.0, TRKS, Terek-Say, 2.95 248, jES, Sb, 09 17 38.1 +0.8, KPKS, Kopek, 2.96 73, P, Pg, 09 17 06.4 -0.5, KPKS, Kopek, 2.96 73, P, Pg, 09 17 44.4, KPKS, Kopek, 2.96 73, P, Pg, 09 17 06.5 -0.5, KPKS, Kopek, 2.96 73, P, Pg, 09 17 44.4 +0.9, BLB, Balaybastay, 3.04 61, P, Pg, 09 17 07.7 -0.6, BLB, Balaybastay, 3.04 61, P, Pg, 09 17 46.5, UZB, Uzunbulak, 3.14 80, P, Pg, 09 17 10.4 +0.3, UZB, Uzunbulak, 3.14 80, P, Pg, 09 17 51.2, UZB, Uzunbulak, 3.14 80, P, Pg, 09 17 10.4 +0.3, UZB, Uzunbulak, 3.14 80, P, Pg, 09 17 51.2 +2.4, KK31, Karatay Array, 3.17 279, jP, Pn, 09 17 07.0 +2.6, KK31, Karatay Array, 3.17 279, jP, Pn, 09 17 53.2, SHLS, Shalkode, 3.46 80, P, Pg, 09 17 21.5 +1.5, SHLS, Shalkode, 3.46 80, P, Pg, 09 18 10.2, SHLS, Shalkode, 3.46 80, P, Pg, 09 17 21.5 +1.5, SHLS, Shalkode, 3.46 80, P, Pg, 09 18 10.2 +5.3, PDGK, Podgornoye, 3.51 78, jP, Pg, 09 17 15.1 -1.2, PDGK, Podgornoye, 3.51 78, jP, Pg, 09 18 00.6, IUG, Iuzhnyy, 3.57 263, P, Pg, 09 17 20.9 -1.2, IUG, Iuzhnyy, 3.57 263, P, Pg, 09 18 08.9, IUG, Iuzhnyy, 3.57 263, P, Pg, 09 17 19.6 -2.5, IUG, Iuzhnyy, 3.57 263, P, Pg, 09 18 06.6 -1.7, BRLL, Borolday, 3.66 277, P, Pg, 09 17 21.4 -2.5, BRLL, Borolday, 3.66 277, P, Pg, 09 18 09.8, BRLL, Borolday, 3.66 277, P, Pg, 09 17 21.4 -2.5, BRLL, Borolday, 3.66 277, P, Pg, 09 18 09.8 -1.5, DRK, Drakymy, 3.91 216, jES, Sb, 09 17 15.7 +0.9, DRK, Drakymy, 3.91 216, jES, Sb, 09 18 01.2 -0.1, BTK, Batken, 3.97 230, jES, Sb, 09 17 16.4 +1.0, BTK, Batken, 3.97 230, jES, Sb, 09 18 02.4 0.0, GAR, Garm, 5.00 224, jES, Sb, 09 17 30.6 +1.0, GAR, Garm, 5.00 224, jES, Sb, 09 17 0.0 -0.8, MAKZ, Makanchi, 6.57 49, jP, Pn, 09 17 52.1 +1.1, MAKZ, Makanchi, 6.57 49, jP, Pn, 09 19 06.0 -0.3, MAKZ, Makanchi, 6.57 49, jP, Pn, 09 19 43.6, MAKZ, Makanchi, 6.57 49, jP, Pn, 09 17 54.4 +1.1, MK31, Makanchi Array, 6.74 50, jP, Pn, 09 19 11.4 +0.9, MK31, Makanchi Array, 6.74 50, jP, Pn, 09 19 48.0, MK31, Makanchi Array, 6.74 50, jP, Pn, 09 18 15.0 -0.4, KURBB, Kurchatov Arra, 8.35 17, jP, Pn, 09 18 15.0 -0.4, KURBB, Kurchatov Arra, 8.35 17, jP, Pn, 09 19 53.1 +3.1, KURBB, Kurchatov Arra, 8.35 17, jP, Pn, 09 20 39.3, KURK, Kurchatov, 8.46 17, jP, Pn, 09 18 16.2 -0.7, KURK, Kurchatov, 8.46 17, jP, Pn, 09 19 53.1 +0.5, KURK, Kurchatov, 8.46 17, jP, Pn, 09 20 43.0, IDC 26 09:17:03.7, 0.8, 51.15N, 179.68W, h0km, mb4.3/24, mbtmp4.4/25, ML4.8/1, Error ellipse: s-maj=23.8km s-min=15.2km az=169.0 NEIC 26 09:17:07.1, 1.7, 51.02N, 179.83W, 0.03, h18km, 3km, mb4.7/45, ML4.6/14, ML4.3/AEIC, Error ellipse: s-maj=6.2km s-min=2.5km az=172.0 AEIC 26 09:17:08.0, 2.2, 51.05N, 179.81W, 0.02, h12km, 3km, Error ellipse: s-maj=4.6km s-min=1.6km az=195.0 ISC 26 09:17:05.1, 1.4, 50.98N, 0.06, 179.81W, 0.02, h8km, 8km, n136, e1915/158, mb4.7/58, 6D, Andreanof Islands

Main station list table with columns: TAPA, Kanaga Island, 1.79 63, Sg, 09 17 53.3 -0.1, KIMD, Kanaga Island, 1.79 63, P, Pb, 09 17 38.0 -0.1, KIMD, Kanaga Island, 1.79 63, P, Pb, 09 17 39.1 -0.4, KIMD, Kanaga Island, 1.79 63, P, Pb, 09 18 01.4 +0.7, KIMD, Kanaga Island, 1.79 63, P, Pb, 09 17 38.9 -0.7, KIMD, Kanaga Island, 1.79 63, P, Pb, 09 18 01.3 -0.2, KIMD, Kanaga Island, 1.79 63, P, Pb, 09 18 08.6, KIMD, Kanaga Island, 1.79 63, P, Pb, 09 18 10.4, KIMD, Kanaga Island, 1.79 63, P, Pb, 09 17 39.5 -0.2, KIMD, Kanaga Island, 1.79 63, P, Pb, 09 17 40.5 -0.6, KIMD, Kanaga Island, 1.79 63, P, Pb, 09 18 03.7 +0.4, KIMD, Kanaga Island, 1.79 63, P, Pb, 09 17 41.7 +0.5, KIMD, Kanaga Island, 1.79 63, P, Pb, 09 18 15.7, ADAG, Mount Adagadk, 2.24 62, P, Pb, 09 17 44.6 -1.2, ADAG, Mount Adagadk, 2.24 62, P, Pb, 09 17 45.5 +3.1, ADAG, Mount Adagadk, 2.24 62, P, Pb, 09 17 46.6 -1.3, ADAG, Mount Adagadk, 2.24 62, P, Pb, 09 17 45.6 +3.3, ETKA, Kagalaska Isla, 2.31 66, P, Pb, 09 18 15.8 +0.4, ETKA, Kagalaska Isla, 2.31 66, P, Pb, 09 17 48.3 +2.3, GSTR, Great Sitkin T, 2.59 63, Pn, IAML, 09 17 48.0 +0.7, GSTR, Great Sitkin T, 2.59 63, Pn, IAML, 09 18 32.3, GSTR, Great Sitkin T, 2.59 63, Pn, IAML, 09 18 03.0 +0.5, ATKA, Atka Island, 3.71 68, Pn, IAML, 09 18 58.0, ATKA, Atka Island, 3.71 68, Pn, IAML, 09 19 04.2, KOKV, Korovin Volcan, 3.78 66, Pn, Pn, 09 18 04.9 +1.3, SHEM, Shemlya Is, Ala, 4.17 297, Pn, Pn, 09 18 12.8 +3.9, SHEM, Shemlya Is, Ala, 4.17 297, Pn, Pn, 09 18 57.9 +0.2, SHEM, Shemlya Is, Ala, 4.17 297, Pn, Pn, 09 18 15.8 +1.6, SHEM, Shemlya Is, Ala, 4.17 297, Pn, Pn, 09 19 17.1, SMY, Shemlya, 4.17 297, Pn, IAML, 09 18 10.7 +1.9, SMY, Shemlya, 4.17 297, Pn, IAML, 09 19 11.1, NIKH, Nikolski High, 7.05 69, Pn, Pn, 09 18 51.1 +2.6, SPIA, Saint Paul Isl, 8.37 38, Pn, Pn, 09 19 09.0 +2.5, LVA, Lava Point, 8.47 64, Pn, Pn, 09 19 15.3 +0.5, CNBA, Chernabura Isl, 12.79 65, Pn, Pn, 09 20 06.2 -0.7, CNBA, Chernabura Isl, 12.79 65, Pn, Pn, 09 20 15.7 -0.0, PEAOB, Petropavlovsk, 14.00 288, Pn, Pn, 09 20 23.8 +0.3, PETK, Petropavlovsk, 14.00 288, Pn, Pn, 09 20 22.9 -0.7, L14K, Kuka Creek, 14.05 36, Pn, Pn, 09 20 22.9 -1.2, P16K, Nushagak River, 14.83 49, Pn, Pn, 09 20 36.8 +1.9, O18K, Koktuh Hills, 16.46 48, Pn, Iamb, 09 21 06.6 +0.5, O18K, Koktuh Hills, 16.46 48, Pn, Iamb, 09 21 00.8, KDAK, Kodiak Island, 17.17 56, P, Pn, 09 21 02.3 -2.8, KDAK, Kodiak Island, 17.17 56, P, Pn, 09 21 02.3 -2.8, P19K, Oil Pt, 17.33 50, Pn, Iamb, 09 21 06.8 -0.3, P19K, Oil Pt, 17.33 50, Pn, Iamb, 09 21 17.7, RED, Redoubt Volcan, 17.80 48, P, P, 09 21 14.6 +0.9, RED, Redoubt Volcan, 17.80 48, P, P, 09 21 17.5 -0.4, BILL, Bilbin, 18.43 343, P, Pn, 09 21 21.6 +1.0, BRLL, Bradley Lake, 18.50 50, P, P, 09 21 20.5 -0.9, C16K, Lisburne Hills, 18.73 17, P, P, 09 21 24.5 +0.3, SEW, Seward, 19.29 50, P, P, 09 21 29.2 -0.8, TRF, Thorofare Moun, 20.05 40, P, Iamb, 09 21 38.7 +0.3, TRF, Thorofare Moun, 20.05 40, P, Iamb, 09 22 02.4, F21K, Alatina River, 20.89 29, P, Iamb, 09 21 48.1 +0.8, F21K, Alatina River, 20.89 29, P, Iamb, 09 21 50.0, I23K, Minto, Yukon-K, 21.16 36, P, Iamb, 09 21 50.0 -0.3, I23K, Minto, Yukon-K, 21.16 36, P, Iamb, 09 22 11.8, HDA, Harding Lake, 21.79 39, P, P, 09 21 56.8 -0.2, ILAR, Eielson Array, 21.95 39, P, P, 09 21 57.4 -1.4, ILAR, Eielson Array, 21.95 39, P, P, 09 21 57.4 -1.4, JKA, Kamikawa-asahi, 26.07 270, P, Iamb, 09 22 38.8 +0.1, JKA, Kamikawa-asahi, 26.07 270, P, Iamb, 09 23 02.4, YAK, Yakutsk, 29.21 312, P, Iamb, 09 23 06.2 -0.6, YAK, Yakutsk, 29.21 312, P, Iamb, 09 23 07.3, MJAR, Matusushiro Arr, 33.09 261, P, P, 09 23 42.3 +1.0, MAJO, Matusushiro, 33.10 261, P, Iamb, 09 23 42.4 +1.1, MAJO, Matusushiro, 33.10 261, P, Iamb, 09 23 44.6, MJBB, Matsu-Tunnel, 33.10 261, P, Iamb, 09 23 42.4 +1.1, MJBB, Matsu-Tunnel, 33.10 261, P, Iamb, 09 23 44.5, YKA, Yellowknife Arr, 35.97 46, P, P, 09 24 04.9 -0.9, YKA, Yellowknife Arr, 35.97 46, P, P, 09 24 04.9 -0.9, HILR, Hailar Array E, 37.72 292, P, P, 09 24 20.8 -0.1, HILR, Hailar Array E, 37.72 292, P, P, 09 24 20.8 -0.1, HIA, Hailar Array, 37.85 292, P, P, 09 24 21.2 -0.8, KRSR, Korea Array, 39.01 271, P, P, 09 24 33.1 +1.3, KRSR, Korea Array, 39.01 271, P, P, 09 24 33.1 +1.3, KSAR, Wonju Array Be, 39.04 271, P, P, 09 24 31.5 -0.5, LYMT, Lyon Mountain, 43.10 68, P, P, 09 25 05.4 -0.3, BOZ, Bozeman (W), 44.21 69, P, Iamb, 09 25 14.5 0.0, BOZ, Bozeman (W), 44.21 69, P, Iamb, 09 25 15.9, NVAR, Mina Array Bea, 44.23 82, P, P, 09 25 13.4 -1.5, NVAR, Mina Array Bea, 44.23 82, P, P, 09 25 13.4 -1.5, NRIK, Noril'sk, 44.44 330, P, P, 09 25 16.1 +0.2, BJT, Baijituak, 44.86 282, P, P, 09 25 20.1 +0.5, YHB, Horse Butte, 44.93 70, P, Iamb, 09 25 20.7 +0.3, YHB, Horse Butte, 44.93 70, P, Iamb, 09 25 22.4, YHH, Holmes Hill, 45.12 70, P, P, 09 25 22.3 +0.3, YNR, Norris Junctio, 45.26 70, P, P, 09 25 24.2 +1.2, H17A, Grant Village, 45.50 70, P, Iamb, 09 25 26.4 +1.5, H17A, Grant Village, 45.50 70, P, Iamb, 09 25 28.4, TLY, Talaya, 45.74 302, P, Iamb, 09 25 26.5 0.0, TLY, Talaya, 45.74 302, P, Iamb, 09 25 28.6, RLMT, Red Lodge, 45.87 68, P, P, 09 25 27.1 -0.7, ULN, Ulanbaatar, 45.87 296, P, Iamb, 09 25 28.1 +0.4, ULN, Ulanbaatar, 45.87 296, P, Iamb, 09 25 29.6, SONM, Songino Array, 46.26 296, P, P, 09 25 31.7 +0.9, SONM, Songino Array, 46.26 296, P, P, 09 25 31.7 +0.9, SONM, Songino Array, 46.26 296, P, Iamb, 09 25 31.8 +0.2, SONM, Songino Array, 46.26 296, P, Iamb, 09 25 32.0, PDAR, Pinedale Array, 47.04 71, P, P, 09 25 36.4 -0.6, PDAR, Pinedale Array, 47.04 71, P, P, 09 25 36.4 -0.6, PDAR, Pinedale Array, 47.04 71, P, P, 09 25 36.8 -0.2, PV13, Radium Mtn., 50.27 76, P, P, 09 26 02.4 +0.4, SPITS, Spitsbergen Arr, 50.73 356, P, P, 09 26 03.5 -1.2, ZAAO, Zalesovo Array, 53.85 313, P, Iamb, 09 26 29.1 +1.0, ZAAO, Zalesovo Array, 53.85 313, P, Iamb, 09 26 33.1, ZALV, Zalesovo Beam, 53.85 313, P, Iamb, 09 26 27.9 -0.1, ZALV, Zalesovo Beam, 53.85 313, P, Iamb, 09 26 27.9 -0.1, ZALV, Zalesovo Beam, 53.85 313, P, Iamb, 09 26 29.2 +1.1, ENH, Enshi, 55.30 277, P, Iamb, 09 26 39.6 +0.7, ENH, Enshi, 55.30 277, P, Iamb, 09 26 47.8, PHO2, Texas Public H, 56.26 74, P, Iamb, 09 26 45.9 0.0, PHO2, Texas Public H, 56.26 74, P, Iamb, 09 26 56.0, N35A, Tabor, 56.38 65, P, P, 09 26 46.2 -0.3, F42A, Maple Grove Fa, 57.29 56, P, Iamb, 09 26 52.6 -0.4, F42A, Maple Grove Fa, 57.29 56, P, Iamb, 09 26 53.5, KEV, Kevo, 58.00 349, P, P, 09 26 58.7 +1.2, ARCES, ARCES Array B, 58.38 350, P, P, 09 26 59.5 -0.7, ARCES, ARCES Array B, 58.38 350, P, P, 09 26 59.5 -0.7, KURBB, Kurchatov Arra, 59.35 313, P, P, 09 27 04.6 +0.2, KURBB, Kurchatov Arra, 59.35 313, P, P, 09 27 04.6 +0.2, P40A, Paris, 59.31 64, P, P, 09 27 06.1 -1.1, P40A, Paris, 59.31 64, P, P, 09 27 06.1 -1.1

s-min=6.3km az=124.4, confirmed
ISC 26 09:58:38.8-1.7, 35.89S, 0.09-179.2W, 0.1, h47km, n84,
n0883/99, East of North Island

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

IDC 26 09:59:43.1-2.1, 51.23N-179.75W, h0km, mb3.3/7,
mbtmp3.5/8, ML4.0/1, MS4.1/2, Error ellipse: s-maj=57.4km
s-min=20.4km az=1.0

NEIC 26 09:59:45.1-3.0, 50.93N-179.87W, h0km, mb3.8km,
mb3.5/14, ML3.7/12, ML2.3(AEIO), Error ellipse:
s-maj=12.7km s-min=3.7km az=178.0

AEIC 26 09:59:47.3-2.1, 51.09N-179.83W, h0.3, h7km, 4km,
Error ellipse: s-maj=6.3km s-min=2.4km az=176.0

ISC 26 09:59:44.3-1.3, 50.91N-179.89W, 0.03, h19km, 5km,
n55, r1512/61, mb3.6/9, Andreanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the Andreanof Islands region.

Table with columns: ADK, Adak, 2.23 63, Pn, 10 00 22.1 +1.9. Lists seismic stations for Adak Island.

KRNET 26 10:11:43.2-0.1, 42.07N-76.08E, h18km, mb3.6
KNET 26 10:11:43.4-0.5, 42.12N-75.98E, h2km, 4km, ml2.3, Error
ellipse: s-maj=3.5km s-min=1.8km az=178.0

NNC 26 10:11:43.7-0.7, 42.10N-76.10E, h0km, mb3.4, mpv3.3,
Error ellipse: s-maj=4.9km s-min=3.5km az=175.0

SOME 26 10:11:43.4, 42.12N-76.07E, h5km
ISC 26 10:11:43.4-1.0, 42.09N-76.05E, 0.01, h6km, 9km,
n63, r1900/113, 37-13D, 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 Lake Issyk-Kul region.

Table with columns: MDOK, Aral, 1.31 260, Pn, 10 00 57.0. Lists seismic stations for the Aral Sea region.

AFAD 26 10:12:17.9, 38.41N-39.15E, h12km, 1km, MW4.1
ISK 26 10:12:17.4, 38.36N-39.12E, h5km, ML4.0/16
IDC 26 10:12:19.7-1.1, 38.57N-39.04E, h0km, mb3.6/5,
mbtmp3.6/10, ML3.0/5, MS4.1/1, Error ellipse:
s-maj=21.2km s-min=10.9km az=169.0

ISC 26 10:12:18.2-1.1, 38.39N-0.02-39.14E, 0.02, h2km, 8km,
n77, r1916/94, mb3.7/5, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for Turkey.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like CHIR Chirikof Islan, M16K Timber Creek, Q16K King Salmon, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like E19K Redstone River, TRF Thorofare Moun, BPAW Bear Paw Mtn, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like F25K Christian River, C24K Franklin Bluff, PINM Pinnacle, etc.

Table of station data for 1853, including columns for call sign, name, frequency, power, and coordinates. Includes stations like OSTC, UPC, DPC, etc.

Table of station data for 2020 JAN, including columns for Code, Station Name, Azimuth, Phase ID, Time, and Res. Includes stations like AKHS, AKS, AKS, etc.

Table of station data for 26d 10h, including columns for call sign, name, frequency, power, and coordinates. Includes stations like RZN, PLD, ELND, etc.

AFAD 26 10:31:47.3, 39:06N-27:83E, h12km, 1km, MW3.7
ISK 26 10:31:47.1, 39:06N-27:81E, h11km, ML, 8.4/3
THE 26 10:31:49.4, 39:12N-27:82E, h18km, 14km, M3, 4/12, MLh3.4/12

HEL 26 10:41:22.0, 0.3, 67.64N-20:80E, h0km, ML 1.5, Suspected explosion
IDC 26 10:41:24.2, 2.1, 67.68N-21:11E, h0km, mbtmp2.9/2, ML1.9/2, Error ellipse: s-maj=27.5km s-min=9.6km az=105.0
ISC 26 10:41:22.3, 0.9, 67.68N-21:05E, h0km, n15, a=15/23, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OGWZ Otaki Gorge, CAW Cannon Point, MWSW Moikau Station, etc.

IDC 26 10:58:41.5:2.1, 51.15N:179.67W, h0km, mb3.4/8, mbtmp3.6/10, ML3.9/2, Error ellipse: s-maj=63.5km, s-min=17.6km az=3.0

NEIC 26 10:58:43.1:1.9, 50.935N:0.010:179.82W:0.0/4, h10km, mb3.7/10, ML3.7/10, ML3.2(AEIC), Error ellipse: s-maj=3.9km, s-min=2.9km az=291.0

AEIC 26 10:58:45.2:1.4, 51.04N:0.06:179.83W:0.0/3, h13km, 5km, Error ellipse: s-maj=9.0km s-min=2.5km az=189.0

ISC 26 10:58:41.6:2.2, 50.87N:0.09:179.80W:0.0/3, h0km, 12km, n54, c108/58, mb3.5/8, Andreeof Islands

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including AMKA Amchitka, GAKI Gareloi-Kavalig, etc.

IDC 26 11:05:51.8:1.9, 10.81N:65.42W, h0km, mb3.3/4, mbtmp3.8/7, ML3.4/3, MS3.2/2, Error ellipse: s-maj=40.2km, s-min=19.9km az=146.0

NEIC 26 11:05:54.6:1.8, 10.67N:0.07:65.42W:0.0/8, h10km, 2km, mb4.0/3, Error ellipse: s-maj=13.3km s-min=11.1km az=60.0

RSNC 26 11:05:55.4:0.3, 11.14N:66.67W:1.2, h25km, M4.5, mb4.7, mb5.1, ML3.5, Mw(MB)4.5

FUNV 26 11:05:56.3, 10.76N:65.47W, h14km, MW4.3, Presumed earthquake

ISC 26 11:05:53.5:0.6, 10.68N:0.05:65.45W:0.0/4, h13km, n79, c164/93, mb3.6/7, Near coast of Venezuela

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including PCRV Puerto La Cruz, TACV Tcata, BENV Belin, etc.

NEIC 26 11:06:43.1:1.0, 8.87N:0.06:126.5E:0.1, h31km, 6km, mb4.5/3, Error ellipse: s-maj=16.3km s-min=8.0km az=95.0

IDC 26 11:06:45.7:2.1, 8.80N:126.63E, h63km, 19km, mb3.7/19, mbtmp4.1/22, MS3.0/4, Error ellipse: s-maj=20.2km, s-min=10.9km az=83.0

DJA 26 11:06:48.8:1.0, 9.9N:7.12E, h48km, 10km, M4.9/15, mb4.7/15, mb5.5/6, Mw(MB)5.0/6

ISC 26 11:06:44.7:1.5, 8.81N:0.05:126.59E:0.09, h54km, n86, c109/83, mb4.2/36, Mindanao

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including DAV Davao City, SGSI Sangihe, MRSI Marisa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KK31 Karatay Array, BVAR Borovoye Array, BORK Borovoye, etc.

NEIC 26 11:09:49.4±1.1, 17.92N, 0.04±66.94W, 0.01, h10km, 1km, ML3.3/31, MD3.27(RSPR), Error ellipse: s-maj=7.5km...

SDD 26 11:09:49.2±1.5, 17.90N, 66.93W, h15km, 10km, MD3.3, ML3.0, MW3.1, Presumed earthquake

RSPR 26 11:09:49.2, 17.92N, 66.95W, h12km, MD3.27, ISC 26 11:09:48.8±1.0, 17.91N, 66.96W, 0.06, h17km, 5km, n34, c054/57, 13C-SD, Puerto Rico region

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, CRPR Cabo Rojo, etc.

IDC 26 11:12:46.9±1.6, 15.12N, 94.44E, h0km, mb3.3/3, mbtmp3.3/3, Error ellipse: s-maj=351.7km...

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

NEIC 26 11:19:58.9±1.6, 18.09N, 0.02±66.807W, 0.008, h10km, 1km, ML2.7/31, MD2.76(RSPR), Error ellipse: s-maj=3.7km...

SDD 26 11:19:58.9±0.7, 18.00N, 66.84W, h15km, 9km, MD3.3, ML2.5, MW2.8, Presumed earthquake

RSPR 26 11:19:58.7, 18.01N, 66.84W, h14km, MD2.76, ISC 26 11:19:58.4±0.9, 18.01N, 66.83W, 0.02, h18km, 4km, n34, c054/57, 13C-SD, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, CRPR Cabo Rojo, etc.

DNK 26 11:26:00.4±2.8, 51.64N, 15.74E, h0km, 154km, ML2.5, Presumed earthquake

VIE 26 11:26:00.4±0.4, 51.61N, 16.22E, h0km, mb2.8/13, mb3.2/15, Error ellipse: s-maj=4.8km s-min=3.1km az=71.0...

IPEC 26 11:26:01.1±0.2, 51.61N, 16.12E, h1km, ML2.3, Presumed earthquake

IDC 26 11:26:02.0±0.8, 51.56N, 15.75E, h0km, mbtmp3.3/6, ML2.7/6, Error ellipse: s-maj=13.8km s-min=6.4km

BGR 26 11:26:02.5±0.4, 51.55N, 16.04E, h1km, ML3.1/15, Rosalia, Aust

PRU 26 11:26:04.0±1.5, 50N, 16.06E, h0km, ISC 26 11:25:59.4±0.7, 51.67N, 0.03±16.09E, 0.02, h0km, n86, c110/158, 4C-1D, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSP Ksiaz, CHVC Chvalec, OSTC Ostas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HSKC Hora Svate Kat, STEB Steborice, CRPR Cabo Rojo, etc.

26d 11h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKASG, HFS, FINES, EKA, and a section for Vanuatu Islands.

NOU 26 11:30:11.9, 35:52S: 178:28W, h112km, MLV4.1/6, East of North Island, N.Z.

WEL 26 11:30:21.7, 1.0, 36 S: 8:17 9W: 1.1, h33km, M3, 9/13, ML4.0/17, MLV3.9/13, Error ellipse: s-maj=15.7km

ISC 26 11:30:24.2, 2.3, 35:36S: 179:67E, h0km, mb3.7/2, mbtwp3.7/3, ML3.5/1, Error ellipse: s-maj=69.0km

ISC 26 11:30:23.1, 9, 35:73S: 0:08-179:1W: 0.1, h47km, n31, o150/44, East of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MXZ, WMGZ, PKGZ, PUKZ, HAZ, TWGZ, RUGZ, CNGZ, TKGZ, MWZ, RIGZ, RAGZ, URZ.

URZ Urewera 3.93 229 P Pn 11 31 19.5 -0.5

URZ Shannon Statio 4.15 222 P Pn 11 31 22.6 -0.5

URZ Kuz 4.28 255 P Pn 11 31 24.2 -0.7

URZ Kuz 4.28 255 P Pn 11 31 24.2 -0.7

URZ Warramunga Arr 43.63 278 P P 11 38 22.5 +0.1

FINES FINES Array B 149.72 336 PKPbc PKPab 11 50 12.9 +1.5

AFAD 26 11:31:32.7, 38:27N: 38:76E, h10km, 1km, MW3.7

ISC 26 11:31:32.4, 38:28N: 38:75E, h4km, ML3.5/22

ISC 26 11:31:35.2, 1.4, 38:49N: 38:66E, h0km, mb3.5/5, mbtwp3.5/9, ML2.9/4, MS3.8/1, Error ellipse: s-maj=31.9km

ISC 26 11:31:33.9, 0.6, 38:27N: 0:02-38:77E: 0.02, h10km, n73, o117/90, mb3.7/4, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAYA, ELZG, NARI, KAHTU, ELZ, AZEY, AKCD, HANM, HANM, MDNT, MCKZ, HEKM, ATAB, KOVA, AKCA, TNCL, SANL, SANL, DIYA, DIYA, DYBB, ILIC, MDIV, GZT, MAYK, SURC, NZIP, KHMM, KHMM, EUZM, GAZ, GNGB, KMRS.

2020 JAN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MBOZ, YEDI, MARD, SARI, CUAYA, KELIT, SVAN, SVAN, SUSE, BTMM, ALUC, SVSK, ECAT, VRTB, BNN, BAYT, GUKO, TOKO, CEYT, KOPR, MMLZ, AKDM, AGRB, BRTR.

BEIL Beino 4.27 210 eP Pn 11 32 39.8 +0.8

BHL Bhanes 5.04 211 eP Pn 11 32 51.1 +1.5

DKR Deir Gamar 5.24 211 eP Pn 11 32 53.9 +1.4

RCY Rachaya 5.33 207 eP Pn 11 32 23.4 +0.5

ASF Jabal al Asfar 6.28 195 Pn Pn 11 33 11.6 +5.0

KVAR Kislovodsk Arr 6.41 26 LR LR 11 35 45.4

AKTO Aktyubinsk 18.30 42 P P 11 35 49.8 +1.9

GERES GERES Array B 20.93 308 P Pn 11 36 18.6 -0.6

ARTI Arti 22.34 29 P P 11 36 32.2 +0.6

FINES FINES Array B 24.51 345 P Pn 11 36 54.0 +0.8

MKAR Makanchi Array 32.83 61 P Pn 11 38 10.1 +2.5

ESDC Sordaniya Arr 33.03 286 P P 11 38 12.0 +2.6

ISC 26 11:36:29.4, 0.5, 48:46N: 154:72E, h0km, mb4.5/33, mbtwp4.5/37, ML5.3/2, MS3.9/35, Error ellipse: s-maj=13.0km

KRSC 26 11:36:32.6, 1.5, 48:32N: 155:11E, h78km, 29km, ML5.2

MOS 26 11:36:33.7, 1.1, 48:34N: 154:93E, h75km, mb4.9/39, Error ellipse: s-maj=6.2km

SKHL 26 11:36:34.7, 0.2, 48:30N: 155:10E, h57km, 6km, mb5.6/8

NEIC 26 11:36:38.3, 1.3, 48:5N: 0.1, 154:8E: 0.1, h59km, 7km, mb4.8/70, Error ellipse: s-maj=18.2km

ISC 26 11:36:36.3, 0.4, 48:34N: 0.04, 154:89E: 0.04, h52km, 2km, h51km, pp-P, n673, o125/716, mb4.7/141, MS4.0/37, 30C-25D, Kuril Islands

SKR Severo-Kuril's 2.48 18 eP Pn 11 37 13.0 -1.2

SKR Severo-Kuril's 2.48 18 eP Pn 11 37 13.0 -1.2

SKR Severo-Kuril's 2.48 18 eP Pn 11 37 13.0 -1.2

SKR Severo-Kuril's 2.48 18 eP Pn 11 37 13.0 -1.2

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SKR Severo-Kuril's 2.48 18 eP Pn 11 37 13.0 -1.2

SKR Severo-Kuril's 2.48 18 eP Pn 11 37 13.0 -1.2

SKR Severo-Kuril's 2.48 18 eP Pn 11 37 13.0 -1.2

SKR Severo-Kuril's 2.48 18 eP Pn 11 37 13.0 -1.2

1856

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DALK, UGLR, UGLR, KORYAK, KORYAK, AVCH, AVCH, SOMMA, SOMMA, KORYAKSKII, KORYAKSKII, SEDLOVINA, SEDLOVINA, ARIK, ARIK, NALYTICHEVO, NALYTICHEVO, GANALY, GANALY, KURIL'SK, KURIL'SK.

KUR comp=Z,473nm,0.6s pmax pmax

KUR comp=N,103nm,0.4s pmax pmax

KUR comp=N,296nm,0.6s smax smax

KUR comp=E,294nm,0.7s smax smax

KUR comp=E,350nm,0.4s A A

SPN Mys Shipunski 5.78 32 PN Pn 11 37 57.2 -2.1

SPN Mys Shipunski 5.78 32 eP Pn 11 37 57.3 -2.1

YUK Yuzh-Kuril'sk 7.60 239 pmax pmax

YUK comp=Z,416nm,0.4s pmax pmax

YUK comp=N,47nm,0.2s pmax pmax

YUK comp=E,63nm,0.3s pmax pmax

YUK Yuzh-Kuril'sk 7.60 239 eP Pn 11 38 24.8 +0.5

YUK Yuzh-Kuril'sk 7.60 239 eP Pn 11 38 24.9 +0.6

YUK comp=E,420nm,0.5s A A

YUK TUMROK D 7.68 24 eS Sn 11 39 48.0 -1.0

GLVR Golovnino 7.97 238 eP Pn 11 38 28.0 -1.5

GLVR comp=Z,389nm,0.6s pmax pmax

GLVR comp=N,184nm,0.7s pmax pmax

GLVR comp=E,123nm,0.6s pmax pmax

GLVR Golovnino 7.97 238 eP Pn 11 38 29.3 -0.2

GLVR comp=E,390nm,0.6s AMB AMB

GLVR Nemuro-Hokkai 8.09 236 eP Pn 11 39 56.2 -2.0

NMR Nemuro-Hokkai 8.09 236 eP Pn 11 38 28.7 -2.4

KMNR Kamenistaya 8.13 22 PN Pn 11 38 31.6 0.0

KMNR Kamenistaya 8.13 22 eP Pn 11 38 31.7 0.0

YSS Yuzhno-Sakhalii 8.31 265 eP Pn 11 38 36.0 +1.9

YSS Yuzhno-Sakhalii 8.31 265 eP Pn 11 38 35.4 +1.9

YSS comp=Z,80nm,1.1s MLR MLR

YSS comp=N,300nm,11.0s MLR MLR

YSS Yuzhno-Sakhalii 8.31 265 eP Pn 11 38 36.0 +1.9

YSS Yuzhno-Sakhalii 8.31 265 eP Pn 11 38 35.9 +1.9

YSS comp=Z,600nm,11.0s MLR MLR

Table with columns: MAJO, Matsushiro, 17.00 232, I Amb, Pn, 11 40 27.0 -3.4, etc. Includes rows for MAJO, MJAR, MJBS, PSSTR, MDJ, HEH, ZEA, YAK, CN2, KSRS, KS19, KSAR, SP1A, SNY, HILR, HIA, NIKH, JCJ, TJN, GAMB, UNV, M11K, DL2, TNA, TIXI, F14K, M13K, ANM, J14K, XLT, L14K, F15K, G15K, M14K, N14K, O14K, L15K, M15K, H16K.

Table with columns: SDPT, Sand Point, 28.04 59 P, 11 42 22.8 +0.4, etc. Includes rows for C16K, G16K, N15K, O15K, J16K, I17K, CHNA, D17K, L16K, RDOO, M16K, M16K, G17K, E17K, C17K, F17K, H17K, O16K, P16K, L17K, K17K, E18K, F18K, M17K, C18K, N17K, O17K, H18K, G18K, H11N2, TIA, H11N1, H11N3, J18K, C19K, F19K, Q17K, M18K, G19K, H19K, D19K, P18K, O18K, E19K, J19K, CHIR, Q18K, L19K, HNS, F20K, H20K, D20K, H11S1, H11S3, H11S2, K20K, J20K, HHC, H2C, H3C, H4C, H5C, H6C, H7C, H8C, H9C, H10C, H11C, H12C, H13C, H14C, H15C, H16C, H17C, H18C, H19C, H20C, H21C, H22C, H23C, H24C, H25C, H26C, H27C, H28C, H29C, H30C, H31C, H32C, H33C, H34C, H35C, H36C, H37C, H38C, H39C, H40C, H41C, H42C, H43C, H44C, H45C, H46C, H47C, H48C, H49C, H50C, H51C, H52C, H53C, H54C, H55C, H56C, H57C, H58C, H59C, H60C, H61C, H62C, H63C, H64C, H65C, H66C, H67C, H68C, H69C, H70C, H71C, H72C, H73C, H74C, H75C, H76C, H77C, H78C, H79C, H80C, H81C, H82C, H83C, H84C, H85C, H86C, H87C, H88C, H89C, H90C, H91C, H92C, H93C, H94C, H95C, H96C, H97C, H98C, H99C, H100C.

Table with columns: CHUM, Lake Minchumin, 32.17 41 P, 11 42 59.8 +1.1, etc. Includes rows for PPLA, B21K, Q20K, I21K, A22K, TLY, TLY, D22K, CAPN, BPAW, B22K, E22K, TRF, TRF, CUT, M22K, COLD, COLD, COLD, G23K, RC01, D23K, I23K, SEW, C23K, NEA2, NEA2, PMR, MCK, E23K, TOLK, WAT1, KNK, KNK, SML, SML, SML, WRH, WRH, E24K, D24K, COLA, COLA, COLA, COLA, COLA, CCB, CCB, LYN, LYN, LYN, C24K, WAT6, F24K, M23K, POKR, G24K, DHY, SCM, HDA, ILAR, P23K, GLI, D25K, M24K, K24K, F25K, PRP, KLU, E25K, Q23K, J25K, PAX, EYAK, HARP, RIDG, BMAR, G26K, G26K, F26K, N25K, SCRK, BMRM, C27K.

26d 11h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like J26L Joseph Creek, KA1M Kayak Island, L26K Log Cabin Wild, etc.

2020 JAN

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like DGZ Jazzartor, S34M Telegraph One, DLBC Dease Lake, etc.

1858

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like KSH2 KSH2, ARK Arkit, KK31 Karatay Array, etc.

26d 14h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Rivas, Carate, Puerto, etc.

NEIC 26 13:18:51.8-0.7, 9:78S, 0:161.45E, 0.07, h45km, 7km, mb4.4/18, Error ellipse: s-maj=16.7km s-min=10.0km

IDC 26 13:18:51.9-5.4, 9:80S, 161.48E, h54km, 4.1km, mb3.6/6, mbtmp3.9/6, MS3.3/2, Error ellipse: s-maj=38.9km

ISC 26 13:18:51.9-0.8, 9:80S, 0:161.44E, 0.09, h50km, n33, 0:056/33, mb4.2/15, Bougainville-Solomon Islands region

Main table for 26d 14h section, listing various seismic stations and their data points.

IDC 26 13:23:59.3-6.1, 9:82S, 161.54E, h51km, 48km, mb3.3/4, mbtmp3.6/4, Error ellipse: s-maj=41.4km s-min=32.2km

ISC 26 13:24:03.1-1.4, 9:79S, 0:08.161.3E, 0.11, h85km, n11, 0:150/12, mb3.3/4, Bougainville-Solomon Islands region

Continuation of the main table for 26d 14h section, listing various seismic stations and their data points.

2020 JAN

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like BALB, Demirci, etc.

ISC 26 14:03:15.7-1.4, 17:81N, 0:07.66.93W, 0.02, h14km, 6km, n39, 0:054/58, 18C-1D, Puerto Rico region

NEIC 26 14:03:15.3-0.5, 17:78N, 0:03.66.93W, 0.007, h10km, 2km, ML3.1/3, MD3.2/5 (RSPR), Error ellipse: s-maj=5.6km s-min=3.0km az=7.0

RSPR 26 14:03:16.2, 17:82N, 66.94W, h4km, MD3.2/5, SDD 26 14:03:16.7, 17:84N, 66.96W, h20km, 11km, MD3.4, ML2.9, MW3.4, Presumed earthquake

ISC 26 14:03:15.7-1.4, 17:81N, 0:07.66.93W, 0.02, h14km, 6km, n39, 0:054/58, 18C-1D, Puerto Rico region

Continuation of the main table for 2020 JAN section, listing various seismic stations and their data points.

ISC 26 14:03:15.7-1.4, 17:81N, 0:07.66.93W, 0.02, h14km, 6km, n39, 0:054/58, 18C-1D, Puerto Rico region

Continuation of the main table for 2020 JAN section, listing various seismic stations and their data points.

ISC 26 14:03:24.9+0.2, 17:81N, 0:05.66.81W, 0.02, h14km, 6km, n39, 0:054/58, 18C-1D, Puerto Rico region

Continuation of the main table for 2020 JAN section, listing various seismic stations and their data points.

1862

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like IKIS, Dyngjuhals, etc.

ISC 26 14:25:47.9-0.6, 64:63N, 0:02.17.37W, 0.02, h10km, n37, 0:160/59, mb3.5/6, Iceland

Continuation of the main table for 1862 section, listing various seismic stations and their data points.

ISC 26 14:25:47.9-0.6, 64:63N, 0:02.17.37W, 0.02, h10km, n37, 0:160/59, mb3.5/6, Iceland

Continuation of the main table for 1862 section, listing various seismic stations and their data points.

OSPL 26 14:47:26.9-0.4, 17:91N, 66:83W, h19km, 4km, ML3.1, Presumed earthquake

NEIC 26 14:47:27.0-1.3, 17:93N, 0:03.66.81W, 0.008, h10km, 1km, ML3.6/35, MD3.6/7 (RSPR), Error ellipse: s-maj=4.5km s-min=2.3km az=182.0

SDD 26 14:47:27.4-1.5, 17:94N, 66:82W, h20km, 14km, MD3.6, ML3.4, MW3.6, Presumed earthquake

RSPR 26 14:47:27.3, 17:94N, 66:83W, h12km, MD3.6/7, ISC 26 14:47:26.7-0.9, 17:94N, 0:05.66.81W, 0.02, h16km, 5km, n42, 0:056/64, 11C-5D, Puerto Rico region

Continuation of the main table for 1862 section, listing various seismic stations and their data points.

26d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like X48A Hartselle, OXF Oxford, BG3 Lake Jocassee, etc.

MOS 26 15:35:50.5±1.5, 45.186N, 152.06E, h47km, mb4.1/1, Error ellipse: s-maj=19.6km s-min=12.0km az=48.1
SKHL 26 15:35:50.2±0.45, 70N, 152.30E, h33km, 1km, mb4.6/3
JMA 26 15:35:53.1±0.9, 46°N, 152°E, h30km, MV4.0/13, KURILE ISLANDS REGION
IDC 26 15:35:57.8±3.0, 45.186N, 151.92E, h60km, 26km, mb3.4/13, mbtmp3.7/16, ML2.8/3, MS2.8/1, Error ellipse: s-maj=23.2km s-min=16.1km az=130.0
ISC 26 15:35:55.4±0.7, 45.6N, 152.02E±0.009, h50km, n43, e17245, mb3.6/13, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, YUK Yuzh-Kuril'sk, NEM2 Nemuro 2, etc.

2020 JAN

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H11N3 WAKE ISLAND Hy 28.55 150 T T, H11S1 WAKE ISLAND Hy 29.60 151 T T, etc.

1864

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

1865

Table of astronomical observations for 1865, including stations like LBTB, LSZ, and TSUM, with columns for station name, coordinates, and observation details.

2020 JAN

Table of astronomical observations for 2020 JAN, including stations like ZKR, GVD, and SENIN, with columns for station name, coordinates, and observation details.

2616h

Table of astronomical observations for 2616h, including stations like BTLR, XNZR, and UNCR, with columns for station name, coordinates, and observation details.

1865 continued text with coordinates and observation parameters.

2020 JAN continued text with coordinates and observation parameters.

2616h continued text with coordinates and observation parameters.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Tubou, Lakemba, Green Lake, etc.

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

IDC 26 17:25:51.2, 2.5, 23.34S: 179.77W, h519km, 2.7km, mb3.4/7, mbmp4.3/9, Error ellipse: s-maj=40.2km s-min=18.5km az=158.0

IDC 26 17:25:52.9, 1.5, 23.5S: 0.1: 179.77W: 0.1, h537km, 10km, mb4.4/23, Error ellipse: s-maj=24.9km s-min=10.2km az=144.0

IDC 26 17:45:21.7, 4.2, 17.1S: 0.2: 178.4W: 0.1, h588km, 12km, mb4.3/19, Error ellipse: s-maj=26.7km s-min=10.1km az=156.0

26d 18h

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

SJA 26 18:01:40.8:0.7,30:92S:69.01W,h111km,2km,ML3.6,MW3.7
IDC 26 18:01:41.4:2.4,31:08S:69.05W,h118km,17km,mb3.3/1,mbmp3.7/3,Error ellipse: s-maj=56.0km s-min=31.5km az=109.0

ISC 26 18:01:40.7:0.8,30:94S:03:06.98W,0:03,h120km,5km,az=170.0
ISC 26 18:05:09.6:0.7,5:75S:0:06:148.67E:0:08,h200km,n25,c1536/27,mb3.7/10,New Britain region

Main table for 26d 18h section, listing various stations and their parameters. Includes stations like ACCO Cerro Coronel, ACCO Cerro Villicun, ZON Zonda, SJA San Juan, etc.

2020 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res h m s ISC. Includes stations like TORO Torodi Arr, ASAR Alice Springs, WRA Warramunga Arr, etc.

IDC 26 18:05:10.1:1.7,5:66S:148.46E,h203km,16km,mb3.3/8,mbmp3.9/10,Error ellipse: s-maj=25.4km s-min=12.6km az=117.0
NEIC 26 18:05:10.4:1.7,5:75S:0:06:148.8E:0:1,120km,18km,mb4.2/8,Error ellipse: s-maj=14.3km s-min=11.2km az=93.0

ISC 26 18:05:09.6:0.7,5:75S:0:06:148.67E:0:08,h200km,n25,c1536/27,mb3.7/10,New Britain region

Main table for 2020 JAN section, listing various stations and their parameters. Includes stations like RABL Rabaul, MANU Manus Island, PMG Port Moresby, etc.

FUNUV 26 18:13:53.7,10:66N:62:44W,h2km,MW3.4,Presumed earthquake
TRN 26 18:13:54.3,10:63N:62:28W,h95km,MD2.5,Paria peninsula

ISC 26 18:13:52.4:2.8,10:61N:0:09:62.4W:0:1,h95km,35km,n13,c1804/22,Near coast of Venezuela

Main table for 2020 JAN section, listing various stations and their parameters. Includes stations like DMDM Guralp CMGSTE, DMDM Mucurapo Girls, TRN Trinidad (W), etc.

IDC 26 18:14:02.2:1.6,26:09S:68:69E,h0km,mb3.8/9,mbmp3.8/9,MS3.4/5,Error ellipse: s-maj=48.6km s-min=27.0km az=30.0

ISC 26 18:14:03.9:1.6,26:15S:0:3:68.7E:0:2,h10km,n22,c059/9,mb3.8/8,MS3.4/5,Indian Ocean Triple Junction

Main table for 2020 JAN section, listing various stations and their parameters. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, etc.

1870

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

IDC 26 18:31:13.5:0.6,62:47N:121:43E,h0km,mb3.7/15,mbmp3.7/19,ML4.1/3,MS3.9/2,Error ellipse: s-maj=18.5km s-min=8.5km az=2.0

YARS 26 18:31:19.5,62:12N:122:04E,h4km,ML2.6/8
ISC 26 18:31:15.4:0.5,62:43N:0:03:121.75E:0:03,h10km,n33,c296/60,mb3.9/14,Northern and central Siberia

Main table for 1870 section, listing various stations and their parameters. Includes stations like OLMR Oleksinskiy, YAK Yakutsk, YAK Yakutsk, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NOA NORSAR Array B, AKASA Malin Array Be, YKA Yellowknife Ar, ULM Lac du Bonnet, ESDC Soissons Array, TXAR Lajitas Array, WRA Warramunga Arr.

IDC 26 18:35:39.0, 9.8, 7.73S, 108.67W, hOkm, mb3.9/12, mbmp3.9/12, MS3.8/2, Error ellipse: s-maj=37.6km s-min=18.3km az=62.0

NEIC 26 18:35:40.7, 1.6, 8.77S, 0.05x108.2W, 0.4, h1Okm, 1km, mb4.5/32, Error ellipse: s-maj=61.6km s-min=7.3km az=95.0

ISC 26 18:35:40.8, 0.7, 8.8S, 0.1x108.7W, 0.2, h15km, n56, a1505/35, mb4.5/27, Central East Pacific Rise

Main table for 1871 with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RPN Rapa Nui, NNA Nana, LPIG La Paz, H03N2 Juan Fernandez, H03N1 Juan Fernandez, H03N3 Juan Fernandez, HSIG TXAR Lajitas Array, TXAR LPAZ, MNTX BRDY, SGCY OK048, SIV San Ignacio, LCAR Lake Charles, NVAR Mina Array Bea, NVAR CCM, ELK Elko, JSC PDAR, CPUP Villa Florida, YBH Yreka Blue Hor, MFID Camas Ranch, HLID NEW, NEW Newport, ULM Lac du Bonnet, ULM Lac du Bonnet, YKA Yellowknife Ar, EPYK Eagle Plains, H27K Steamboat Moun, ILAR Eielson Array, ILAR INK, F28M Old Crow, F26K Sheenjek River, F25K Christies Riv, A36M Sachs Harbour, QSPA South Pole Qui, QSPA South Pole Qui, COLD Coldfoot, G21K Allakaket, D25K Kavik River, F20K Avarart Lake, H11S2 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, MKAR Makanchi Array, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr.

KRNET 26 18:36:26.7, 0.1, 43.40N, 80.27E, hOkm, mb3.1, mpv3.3, Error ellipse: s-maj=5.5km s-min=3.4km az=147.0

SOME 26 18:36:28.9, 43.10N, 80.32E, h15km, a1941/79, 12C-9Z, Kazakhstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KTMS Ketmen, KTMS Ketmen, KTMS Ketmen.

Main table for 2020 JAN with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SHLS Shalkode, SHLS Shalkode, SHLS Shalkode, PDGK Podgornoye, PDGK Uzynbulak, UZB Uzynbulak, UZB Uzynbulak, UZB Uzynbulak, KPKS Kokpek, KPKS Kokpek, KPKS Kokpek, SATY Saty, SATY Jarkent, DJR Jarkent, DJR Jarkent, DJR Jarkent, PRZ Przeval'sk, PRZ Przeval'sk, KURS Kuram, KURS Kuram, BLB Baldybastay, BLB Baldybastay, ARXS Arharly, ARXS Arharly, ARXS Arharly, ARXS Arharly, TARG Taragay, Kyrgy, TARG Taragay, KOTS Kotrybulak, KOTS Kotrybulak, KOTS Kotrybulak, MDOK Medeo, MDOK Medeo, TDK Taldygorghan, TDK Taldygorghan, TDK Taldygorghan, TDK Taldygorghan, TNSS Tianshan, TNSS Tianshan, TNSS Tianshan, AAA Alma-Ata, AAA Alma-Ata, AAA Alma-Ata, KDJ Kajisay, KDJ Kajisay, IZV Izvestkoviy, IZV Izvestkoviy, IZV Izvestkoviy, IZV Izvestkoviy, IZV Izvestkoviy, KTBS Karatobe, KTBS Karatobe, KTBS Karatobe, MTBS Maitube, MTBS Maitube, MTBS Maitube, KUU Kurty, KUU Kurty, KUU Kurty, ULHL Ulahol, ULHL Ulahol, ULHL Ulahol, KST Kastek, KST Kastek, KST Kastek, BOOM Boomsokoye usch, BOOM Boomsokoye usch, KRBS Karabastau, KRBS Karabastau, KRBS Karabastau, KRBS Karabastau, TKM2 Tokmak 2, TKM2 Tokmak 2, MAK2 Makanchi, MAK2 Makanchi, MK31 Makanchi Array, MK31 Makanchi Array, USP Oспенovka, USP Oспенovka, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa.

NNC 26 18:40:25.0, 0.8, 43.03N, 80.27E, hOkm, 3km, mb3.1, mpv3.3, Error ellipse: s-maj=5.8km s-min=3.5km az=147.0

KRNET 26 18:40:26.8, 0.1, 43.19N, 80.14E, mb2.8

SOME 26 18:40:26.5, 43.18N, 80.17E, hOkm, a1941/79, 12C-9Z, Kazakhstan-Xinjiang border region

Main table for 26d 18h with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like KTMS Ketmen, KTMS Ketmen, KTMS Ketmen, SHLS Shalkode, SHLS Shalkode, SHLS Shalkode, PDGK Podgornoye, PDGK Uzynbulak, UZB Uzynbulak, UZB Uzynbulak, UZB Uzynbulak, KPKS Kokpek, KPKS Kokpek, KPKS Kokpek, SATY Saty, SATY Jarkent, DJR Jarkent, DJR Jarkent, DJR Jarkent, PRZ Przeval'sk, PRZ Przeval'sk, KURS Kuram, KURS Kuram, BLB Baldybastay, BLB Baldybastay, ARXS Arharly, ARXS Arharly, ARXS Arharly, ARXS Arharly, TARG Taragay, Kyrgy, TARG Taragay, KOTS Kotrybulak, KOTS Kotrybulak, KOTS Kotrybulak, MDOK Medeo, MDOK Medeo, TDK Taldygorghan, TDK Taldygorghan, TDK Taldygorghan, TDK Taldygorghan, TNSS Tianshan, TNSS Tianshan, TNSS Tianshan, AAA Alma-Ata, AAA Alma-Ata, AAA Alma-Ata, KDJ Kajisay, KDJ Kajisay, IZV Izvestkoviy, IZV Izvestkoviy, IZV Izvestkoviy, IZV Izvestkoviy, IZV Izvestkoviy, KTBS Karatobe, KTBS Karatobe, KTBS Karatobe, MTBS Maitube, MTBS Maitube, MTBS Maitube, KUU Kurty, KUU Kurty, KUU Kurty, ULHL Ulahol, ULHL Ulahol, ULHL Ulahol, KST Kastek, KST Kastek, KST Kastek, BOOM Boomsokoye usch, BOOM Boomsokoye usch, KRBS Karabastau, KRBS Karabastau, KRBS Karabastau, KRBS Karabastau, TKM2 Tokmak 2, TKM2 Tokmak 2, MAK2 Makanchi, MAK2 Makanchi, MK31 Makanchi Array, MK31 Makanchi Array, USP Oспенovka, USP Oспенovka, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa.

26d 18h

Table with columns: Call Sign, Name, Comp, Az, El, Az El, SNR, and other parameters. Includes entries like SZCU Shurtz Canyon, P17A Butcher Ranch, CCUT Cedar City, etc.

2020 JAN

Table with columns: Call Sign, Name, Comp, Az, El, Az El, SNR, and other parameters. Includes entries like LIS Lisbon, LIS Lisbon, LIS Lisbon, etc.

1874

Table with columns: Call Sign, Name, Comp, Az, El, Az El, SNR, and other parameters. Includes entries like BNI Bardonecchia, POIN Poinet, DOU Dourbes, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like PRU Pruhonice, CONA Conrad Observa, TREC Trest, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like ASAR comp=Z,0.3nm,7.5,ba=319,slow=2.2,SNR=5.2, SEY SEY, WRA Warramunga Arr, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like SONM comp=Z,6.4nm,0.9s,ba=298,slow=1.4,SNR=33, SONM comp=Z,2.2nm,0.7s,ba=329,slow=4.2,SNR=29, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IGT Ioumenitsa, AGG Agios Georgios, AXAR Agios Charalam, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, DZM Dromaeus, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MMAI Mount Meron Ar, MMAI Mount Meron Ar, ASF Jabal al Asfar, etc.

IDC 26 19:46:20.74.1.6.033S:154.86E, h226km, 40km, mb2.9/5, mbtm3.6/7, Error ellipse: s-maj=26.6km s-min=20.3km

IDC 26 20:01:58.3.0.3.4.1N:2.9.7E, h10km, M4.0/13, MLV4.0/13, IDC 26 20:02:00.7.3.6.4.08N:96.90E, h54km, 30km, mb3.5/9, mbtm3.7/11, ML3.7/2, MS2.4/1, Error ellipse: s-maj=45.7km s-min=14.8km az=59.0

IDC 26 20:29:40.7.1.2.3.58S:140.13E, h0km, mb3.6/3, s-min=10.3km az=114.0, Irian Jaya

Table with columns: Station Name, Frequency, Mode, Band, and other parameters. Includes stations like KIV0, KVAR, KIV, KISLOVODSK, etc.

Table with columns: Station Name, Frequency, Mode, Band, and other parameters. Includes stations like BRTR, Keskin Array B, Keskin Array A, etc.

Table with columns: Station Name, Frequency, Mode, Band, and other parameters. Includes stations like HFS, Hagfors, MAKZ, Makanchi, etc.

BE0 26 21:05:27.8 0.4, 41°42'N, 19°54'E, h14km, 2km, ML2, 6/15
TIR 26 21:05:27.9, 41°53'N, 19°58'E, h35km, 1km, ML2, 9/6
THE 26 21:05:28.1, 41°N, 6' x 1°9'E, h13km, M2, 8/17, ML2, 8/17
PDG 26 21:05:29.0 0.0, 41°52'N, 19°57'E, h8km, ML2, 9/13, Error
ellipse: s-maj=0.1km s-min=0.2km az=0.0
SKO 26 21:05:29.1, 41°45'N, 19°56'E, h6km, ML2, 4
ISC 26 21:05:29.1, 0.4, 1°47'N, 0°02, 19°57'E, 0.02, h11km, 8km,
n77, 0°88/124, 10C-4D, Albania

Table with columns: Code, Station Name, Frequency, Mode, Band, and other parameters. Includes stations like TIR, TIRANE, ULC, Ulcinj, SDA, Shkodra, etc.

26d 21h

Table with columns: VAY, comp=N,15nm,0.7s, eLg, Lg, 21 06 37.4, etc. Lists various stations and their associated data.

NEIC 26 21:06:20.2, 1.8, 18.03N, 0.02, 66.765W, 0.009, h10km, 1km, ML3.3, MS3.4/9(RSPR), Error ellipse: s-maj=3.0km s-min=2.3km az=185.0

OSPL 26 21:06:20.6, 0.9, 18.00N, 66.80W, h15km, 4km, ML3.4, Presumed earthquake

RSPR 26 21:06:20.3, 18.00N, 66.80W, h16km, MD3.4/8 SDD 26 21:06:20.3, 1.7, 18.00N, 66.80W, h20km, 17km, MD3.6, ML3.2, MW3.6, Presumed earthquake

ISC 26 21:06:18.7, 0.9, 17.99N, 0.04, 66.77W, 0.02, h28km, 5km, n46, c090/79, 11C-11D, Puerto Rico region

Main table for Puerto Rico region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Guanica, Bosqu, Obispo Ponce, etc.

2020 JAN

Table for Isla Desecheo region with columns: GCPR, IDE, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Isla Desecheo, Col San Antoni, Punta Cana, DR, etc.

ISC 26 21:17.1, 1.3, 3.4, 28S, -151.27E, h0km, mb4.1/2, mbtmp4.1/3, ML3.1/1, MS3.1/1, Error ellipse: s-maj=128.0km s-min=38.7km az=119.0, New Britain region

Table for New Britain region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Port Moresby, Warramunga Arr, etc.

ISC 26 21:42:28.2, 5.4, 0, 1748S, -173.97W, h0km, mb4.1/3, mbtmp4.1/3, Error ellipse: s-maj=1023.0km s-min=179.0km az=80.0, Tonga Islands

Table for Tonga Islands with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Stephens Creek, Warramunga Arr, etc.

ISC 26 21:42:43.7, 2.8, 8, 35.21S, -179.68W, h0km, mb4.2/2, mbtmp4.1/3, ML3.8/1, MS3.3/1, Error ellipse: s-maj=69.8km s-min=43.3km az=132.0

WEL 26 21:42:47.4, 1.0, 36.5, 8, 17.9W, h33km, M3.8/12, ML3.8/12, MLv3.8/12, Error ellipse: s-maj=13.0km s-min=7.8km az=124.5, confirmed

ISC 26 21:42:46.6, 1.6, 35.50S, 0.10, -179.15W, 0.10, h47km, n24, e114/36, East of North Island

Main table for East of North Island with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Matakaoa Point, Waiomatatini S, etc.

SJA 26 21:45:58.7, 1.6, 25.30S, 69.86W, h80km, ML3.8, MW3.9 NEIC 26 21:45:59.8, 1.8, 25.34S, 0.03, 69.70W, 0.08, h66km, 7km, mb4.7/5, ML3.8(GUC), Error ellipse: s-maj=10.3km s-min=4.6km az=87.0

GUC 26 21:45:59.8, 0.8, 25.33S, 69.83W, h80km, 9km, ML3.8 IDC 26 21:46:00.1, 3.1, 25.40S, 69.54W, h68km, 24km, mb3.4/1, mbtmp3.9/4, MS3.0/1, Error ellipse: s-maj=63.6km s-min=17.6km az=95.0

ISC 26 21:46:00.1, 0.7, 25.35S, 0.03, 69.90W, 0.05, h84km, 7km, n101, e1945/112, 3C-1D, Northern Chile

Main table for Northern Chile with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like IPOC Station P, Pan de Azucar, etc.

1880

Main table for 1880 region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Maricunga, IPOC Station P, etc.

1883

K13K	Kusilivak Mount	13.75	31	Pn	22 36 50.0	-0.8
K13K	Kusilivak Mount	13.75	31	P	22 36 53.5	+2.7
M14K	Bethel	13.95	39	Pn	22 36 53.2	-0.3
M14K	Bethel	13.95	39	P	22 36 55.7	+2.3
PEA0B	Petrovavlovsk	13.99	287	Pn	22 36 52.7	-1.4
PEA0B	Petrovavlovsk	13.99	287	ceP	22 36 54.3	+0.2
PETK	Petrovavlovsk	13.99	287	Pn	22 36 56.2	+2.1
PETK	comp=Z,1.1nm,0.3s,baz=89,slow=16,SNR=22			Sn	22 39 33.6	+5.5
PETK	comp=Z,1.1nm,0.3s,baz=287,slow=40,SNR=1.3			LR	22 43 20.7	
PETK	comp=Z,10um,18.6s,baz=83,slow=42					
PETK	Petrovavlovsk	13.99	287	Pn	22 36 53.2	-0.9
PETK	Petrovavlovsk	13.99	287	Pn	22 36 53.2	-0.9
O15K	Ungalikthiuk R	14.03	47	P	22 36 56.7	+2.0
L14K	Kuka Creek	14.04	36	Pn	22 36 57.9	+3.2
N15K	Kwethluk River	14.39	43	P	22 37 02.3	+2.7
M15K	Kasigluk River	14.43	40	Pn	22 37 01.2	+1.2
R16K	Pilot Point	14.52	54	P	22 37 02.5	+1.3
L15K	Ungalak Mounta	14.70	36	P	22 37 06.1	+2.5
J14K	Nanvanak Lak	14.70	31	Pn	22 37 06.9	+1.5
P16K	Nushagak River	14.82	49	Pn	22 37 06.3	+1.5
O16K	Kokwok River B	15.01	47	P	22 37 09.4	+1.5
K15K	Wolf Creek Mou	15.07	34	P	22 37 11.2	-2.4
N16K	Nishlik Lake	15.12	43	P	22 37 11.8	-2.4
R17L	Mt. Peulik Vol	15.16	55	P	22 37 11.2	+1.2
CHIR	Chirikof Islan	15.18	62	Pn	22 37 08.6	-1.5
CHIR	Chirikof Islan	15.18	62	P	22 37 11.6	+1.5
M16K	Timber Creek	15.31	41	Pn	22 37 13.3	+1.4
Q16K	King Salmon	15.34	51	P	22 37 14.5	-2.0
L16K	Owhat River	15.48	38	Pn	22 37 14.7	+0.6
L16K	Owhat River	15.48	38	P	22 37 16.3	-1.9
O17K	Koliganek Bris	15.54	47	P	22 37 16.3	+1.5
ANM	Nome	15.57	24	Pn	22 37 14.1	-1.1
ANM	Nome	15.57	24	P	22 37 14.1	-1.1
ANM	comp=Z,26nm,1.1s			pmax	22 37 16.8	+1.6
ANM	Nome	15.57	24	Pn	22 37 16.8	+1.6
Q17K	Contact Creek	15.59	53	P	22 37 17.1	+1.5
P17K	Kvichak River	15.63	49	P	22 37 17.7	+1.8
N17K	Nushagak Hills	15.83	44	P	22 37 21.2	-0.9
T16A	Tin City	15.84	18	P	22 37 21.5	-0.6
JNA	Anvik River	16.04	33	P	22 37 23.0	-1.4
SII	Sitkinak Islan	16.09	60	Iamb	22 37 31.2	
SII	Sitkinak Islan	16.09	60	Pn	22 37 21.6	-0.3
SII	Sitkinak Islan	16.09	60	P	22 37 23.2	+1.3
F14K	Arctic Creek	16.10	21	P	22 37 24.7	-0.3
M17K	Holifna River	16.14	41	P	22 37 24.2	-1.3
Q18K	Katmai Hardscr	16.14	52	Pn	22 37 22.5	-0.4
L17K	Donlin	16.18	38	P	22 37 24.6	-1.4
G15K	Niukluk	16.26	24	P	22 37 25.7	-1.0
P18K	Big Mountain,	16.28	49	Pn	22 37 25.3	+1.0
I17K	Unalakleet	16.42	31	P	22 37 27.8	-0.7
O18K	Koktuh River B	16.45	48	Pn	22 37 27.2	+0.6
N18K	Kilae Creek	16.47	45	Pn	22 37 27.5	+0.7
H16K	Elim	16.48	27	P	22 37 28.6	-0.6
K17K	Iditarod	16.51	36	P	22 37 28.7	-0.9
J15K	VABM Dome	16.64	34	P	22 37 30.9	-0.1
F17K	North Star Dit	16.68	22	P	22 37 31.9	+0.5
OHAK	Old Harbor	16.69	58	P	22 37 28.0	-1.4
OHAK	Old Harbor	16.69	58	Pn	22 37 27.9	-1.5
M18K	Stony River	16.86	42	Pn	22 37 32.3	+0.6
L18K	Granite Mounta	16.87	39	Pn	22 37 31.6	-0.1
Q19K	Cape Douglas,	16.91	52	Iamb	22 37 42.7	
Q19K	Cape Douglas,	16.91	52	Pn	22 37 32.3	0.0
O19K	Port Aisworth	16.99	47	P	22 37 34.6	-0.3
G16K	Koyuk River	17.02	25	P	22 37 35.7	+0.6
N19K	Bonanza Creek	17.16	45	P	22 37 36.9	+0.1
KDAK	Kodiak Island	17.17	56	Pn	22 37 32.4	-3.0
KDAK	comp=Z,20nm,0.4s,baz=345,slow=23,SNR=8.1			Sn	22 40 37.0	-8.2
KDAK	Kodiak Island	17.17	56	Pn	22 37 34.7	-0.8
KDAK	Kodiak Island	17.17	56	P	22 37 36.3	-0.7
KDAK	Kodiak Island	17.17	56	Pn	22 37 35.1	-0.3
P19K	Oil Pt	17.32	50	P	22 37 38.9	+0.3
H17K	Granite Mounta	17.39	29	P	22 37 40.7	+1.4
Q20K	Shuyak Island	17.45	53	P	22 37 39.8	-0.2
J18K	Innoko River	17.54	36	P	22 37 41.5	+0.6
G17K	Kiwalik Mounta	17.57	27	P	22 37 42.3	+1.0
L19K	White Mountain	17.60	41	P	22 37 42.1	+0.5
H18K	Honhosi River	18.02	30	P	22 37 47.7	+1.5
HOM	Homer	18.10	50	Iamb	22 37 55.8	
HOM	Homer	18.10	50	P	22 37 48.1	+1.0
F17K	Baldwin Pennin	18.11	24	P	22 37 48.8	+1.6
M20K	Styx River	18.19	43	P	22 37 50.2	+2.0
J19K	Poorman	18.24	35	P	22 37 50.2	+1.6
GCSA	Galena City Sc	18.24	32	P	22 37 50.4	+1.8
SPSR	Spurr Chakacha	18.33	46	Pn	22 37 51.2	+1.3
BILL	Biilind	18.41	343	ceP	22 37 50.6	-0.1
BILL	comp=Z,241nm,1.3s			pmax	22 37 51.9	+0.8
G18K	Tagagawik	18.44	28	P	22 37 51.9	+0.8
E17K	Hotham Inlet	18.47	22	Pn	22 37 52.5	+1.1
K20K	Telida	18.48	38	Pn	22 37 52.5	+0.8
BRSE	Bradley Lake S	18.56	51	P	22 37 53.5	+0.9
F18K	Selawik	18.66	25	Pn	22 37 55.0	+1.4
CAPN	Captain Cook N	18.66	47	Pn	22 37 54.6	+0.8

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D17K	Noatak River	18.68	20	P	22 37 55.2	+1.2
MA2	Magadan	18.69	309	P	22 37 52.3	-1.3
MA2	comp=Z,1.1nm,0.3s,baz=103,slow=9.6,SNR=6.2			LR	22 44 39.0	
MA2	Magadan	18.69	309	ceP	22 37 52.5	-1.1
C16K	comp=Z,45nm,1.3s			pmax	22 37 55.3	+0.9
C16K	Lisburne Hills	18.72	17	P	22 37 55.3	+0.9
H19K	Roundabout Mou	18.88	31	Pn	22 37 57.0	+0.7
J20K	Nowinta River	18.88	36	P	22 37 57.2	+0.8
SKT	Skwentna	18.92	44	Iamb	22 38 02.9	
SKT	Skwentna	18.92	44	P	22 37 56.7	-0.3
RDOG	Red Dog Mine	19.01	20	Pn	22 37 59.1	+1.1
PPLA	comp=Z,1.9nm,0.9s,baz=121,slow=12,SNR=17			LR	22 44 46.2	
E18K	Tukpahleark C	19.03	23	Pn	22 37 58.9	+0.7
G19K	Purcell Mounta	19.08	29	P	22 37 58.9	+0.1
SUA	Susitna One	19.08	46	P	22 37 59.0	0.0
I20K	Naaghedeneel	19.10	34	Iamb	22 38 07.8	
I20K	Naaghedeneel	19.10	34	P	22 37 58.2	+0.2
SEY	Seymchan	19.11	319	P	22 37 57.2	-1.0
SEY	comp=Z,3.1nm,0.5s,baz=192,slow=6.2,SNR=3.6			LR	22 44 46.0	
SEY	Seymchan	19.11	319	ceP	22 37 58.4	+0.2
SEY	Seymchan	19.11	319	ceP	22 37 58.4	+0.2
SEW	Seward	19.28	50	P	22 38 00.4	+0.3
C17K	Delng Mountai	19.31	19	P	22 38 01.3	-0.2
F19K	Shalerucik Mo	19.35	27	Iamb	22 38 13.0	
F19K	Shalerucik Mo	19.35	27	P	22 38 01.4	-0.6
H20K	Anotleneega Mo	19.37	32	P	22 38 01.3	+0.3
RC01	Rabbit Creek A	19.42	47	P	22 38 02.1	+0.4
CHUM	Lake Minchumini	19.43	38	Pn	22 38 02.9	0.0
L22K	Petersville	19.46	43	Iamb	22 38 07.4	
M22K	Willow	19.46	45	Pn	22 38 10.3	
CUT	China	19.63	43	Iamb	22 38 08.7	
CUT	Chulitna	19.63	43	P	22 38 04.3	+0.4
KTH	Kanashna Hill	19.83	40	Iamb	22 38 14.1	
PMR	Palmer	19.86	46	P	22 38 06.0	-0.3
PMR	Palmer	19.86	46	Pn	22 38 07.4	-0.7
C18K	Utukok River	19.87	20	Iamb	22 38 11.5	
C18K	Utukok River	19.87	20	Pn	22 38 07.6	-0.6
E19K	Redstone River	19.94	26	Iamb	22 38 18.6	
E19K	Redstone River	19.94	26	Pn	22 38 08.1	-0.9
GHO	Glory Hole Cre	20.01	46	Iamb	22 38 16.2	
TRF	Thorofore Moun	20.04	40	Iamb	22 38 08.6	+0.1
TRF	Thorofore Moun	20.04	40	Iamb	22 38 19.6	
TRF	Thorofore Moun	20.04	40	P	22 38 08.6	+0.1
BPAW	Bear Paw Mtn.	20.05	38	P	22 38 21.3	
BPAW	Bear Paw Mtn.	20.05	38	P	22 38 08.9	+0.5
F20K	Avaraat Lake	20.09	28	P	22 38 09.3	+0.6
KNK	Knik Glacier	20.11	47	Iamb	22 38 17.5	
KNK	Knik Glacier	20.11	47	P	22 38 09.1	0.0
H21K	Melozitna Rive	20.17	33	Iamb	22 38 20.8	
H21K	Melozitna Rive	20.17	33	P	22 38 10.2	+0.5
I21K	Tanana	20.20	35	Iamb	22 38 19.7	
I21K	Tanana	20.20	35	P	22 38 10.9	+0.8
P23K	Montague Islan	20.26	51	IAMS_20	22 47 20.1	
P23K	Montague Islan	20.26	51	P	22 38 11.4	+0.7
SML	Sawmill	20.29	46	P	22 38 11.5	+0.4
SML	Sawmill	20.29	46	P	22 38 10.8	-0.3
SML	comp=Z,76nm,0.6s			pmax	22 38 11.5	+0.4
G21K	Allakaket	20.43	31	Iamb	22 38 19.2	
G21K	Allakaket	20.43	31	P	22 38 13.3	+0.7
D19K	Kuna River	20.46	23	Iamb	22 38 24.4	
D19K	Kuna River	20.46	23	Pn	22 38 13.9	-1.3
WAT1	Susitna Watana	20.53	43	P	22 38 13.3	-0.4
M23K	Glacier View	20.55	46	P	22 38 12.5	-1.4
C19K	Lookout Ridge	20.59	21	Iamb	22 38 24.5	
C19K	Lookout Ridge	20.59	21	P	22 38 14.6	+0.4
GLI	Glacier Island	20.60	49	Iamb	22 38 17.7	
GLI	Glacier Island	20.60	49	P	22 38 14.3	-0.1
RND	Reindeer	20.61	41	IAMS_20	22 46 34.9	
Q23K	Middleton Isla	20.68	53	P	22 38 15.5	+0.3
MCK	McKinley	20.71	40	P	22 38 16.1	+0.6
MCK	McKinley	20.71	40	P	22 38 16.2	+0.6
MCK	comp=Z,86nm,0.8s			pmax	22 38 16.1	+0.6
MCK	McKinley	20.71	40	P	22 38 15.6	0.0
SCM	Sheep Creek Mo	20.75	46	Iamb	22 38 24.7	
SCM	Sheep Creek Mo	20.75	46	IAMS_20	22 47 03.6	
SCM	Sheep Creek Mo	20.75	46	P	22 38 15.0	-1.1
HIN	Hinchinbrook I	20.78	50	IAMS_20	22 47 27.8	
H22K	Ishlaltina Cre	20.79	33	Iamb	22 38 30.3	
H22K	Ishlaltina Cre	20.79	33	P	22 38 17.0	+0.5
WAT6	Susitna Watana	20.79	44	P	22 38 15.1	-1.6
FID	Port Fidalgo	20.87	49	Iamb	22 38 28.1	
F21K	Alatna River	20.87	29	Iamb	22 38 24.6	
F21K	Alatna River	20.87	29	P	22 38 17.8	+0.5
D20K	Etvluk River	21.00	24	P	22 38 19.6	+0.9

26d 22h

NEA2	Nenana	21.01	38	P	22 38 18.6	-0.3
NEA2	comp=Z,191nm,0.7s			Iamb	22 38 25.1	
NEA2	comp=Z,14um,19.0s			IAMS_20	22 47 01.2	
NEA2	Nenana	21.01	38	P	22 38 18.6	-0.3
DHY	Denali Highway	21.12	43	IAMS_20	22 47 56.0	
DHY	Cordova Ski Ar	21.12	43	P	22 38 18.7	-1.4
I23K	Minto, Yukon-K	21.15	36	P	22 38 20.4	+0.1
A19K	Wainwright	2				

1885

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MDJ, H1S11, YKAW3, etc.

2020 JAN

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KCPM, RES, HOPS, etc.

26d 22h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GRAC, TLY, MOOV, etc.

26d 22h

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like M27K Edge Creek, D24K Happy Valley, LOGN Logan Glacier, etc.

2020 JAN

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like ILOL Igloolik, SONM Songino Array, CLC China Lake, etc.

1892

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like WMQ Waverly, TX31 Lajitas Ar, TXAR Lajitas Array, etc.

Table with columns: BRG, comp, Az, El, Amp, P, Time, Res. Includes stations like OSTC, KWP, DPC, etc.

Table with columns: TORD, Tsumeb, TSUM, LBTB, LBTB, BOS, BOS, BOS, BOS. Includes station names and coordinates.

ADC 26:22:48:32.6i, 7.0, 50.42N:179:50W, h0km, mb3.3/2, mbmp3.8/5, ML3.4/3, Error ellipse: s-maj=162.0km s-min=30.4km az=171.0

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like AMKA, GAKI, GAW, etc.

ADC 26:22:54:50.5i, 1.2, 51.11N:179:84W, h0km, mb4.0/12, mbmp4.0/13, ML3.9/1, Error ellipse: s-maj=33.2km s-min=20.5km az=145.0

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like AMKA, GAKI, GAW, etc.

ADC 26:22:52:14.1i, 2.0, 51.28N:179:93W, h0km, mb3.8/14, mbmp3.8/15, ML3.9/1, Error ellipse: s-maj=53.1km s-min=18.3km az=1.0

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like AMKA, GAKI, GAW, etc.

ADC 26:22:52:17.1i, 1.8, 50.97N:179:87W, h0km, mb3.3/3, mbmp3.7/2, s-maj=6.0km s-min=2.7km az=177.0

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like AMKA, GAKI, GAW, etc.

ADC 26:22:54:55.1i, 1.6, 50.98N:179:85W, h0km, mb3.3/3, mbmp3.7/2, s-maj=6.4km s-min=2.9km az=181.0

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like AMKA, GAKI, GAW, etc.

ADC 26:22:54:54.7i, 1.6, 50.94N:179:86W, h0km, mb3.3/3, mbmp3.7/2, s-maj=6.4km s-min=2.9km az=181.0

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like AMKA, GAKI, GAW, etc.

Table with columns: KURK, KURB, TXAR, TXAR, MKAR, MKAR, MKAR, MKAR. Includes station names and coordinates.

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like AMKA, GAKI, GAW, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like AMKA, GAKI, GAW, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like AMKA, GAKI, GAW, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like AMKA, GAKI, GAW, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like AMKA, GAKI, GAW, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like AMKA, GAKI, GAW, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like AMKA, GAKI, GAW, etc.

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Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like AMKA, GAKI, GAW, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like AMKA, GAKI, GAW, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like AMKA, GAKI, GAW, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like AMKA, GAKI, GAW, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res. Includes stations like AMKA, GAKI, GAW, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like Tanaga Falls P, Tanaga Point A, Kanaga Island, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like Sonm, HHC, PD31, PDAR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like H03N2, H03N1, BOSA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KOKV Korovin Volcan, NIKH Nikolski High, SPIA Saint Paul Isl, ACHA Angle Creek He, P18K Big Mountain, L18K Granite Mounta, etc.

IDC 27 00:46:03.7.0.8, 13'36"N x 120'33"E, h167km, 11km, mb3.2/5, mbmp3.7/5, Error ellipse: s-maj=58.5km s-min=15.7km az=57.0, Mindoro

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TGy Tagaytay City, CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

IDC 27 00:46:16.3.0.7, 6'07"N, 125'79"E, h144km, 16km, mb3.3/5, mbmp3.7/5, Error ellipse: s-maj=106.1km s-min=20.7km az=68.0

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DAV Davas City (W), FITZ Fitzroy Cross, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, etc.

IDC 27 00:47:43.5.13.0, 6'61"S x 128'33"E, h306km, 145km, mb3.0/2, mbmp3.5/4, Error ellipse: s-maj=124.1km s-min=47.1km az=58.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, etc.

ISK 27 00:48:59.1, 38'47"N x 39'27"E, h5km, ML3.5/24 AFAD 27 00:48:59.6, 38'45"N x 39'26"E, h7km, 2km, MW3.5

ISC 27 00:48:59.8.0.9, 38'46"N x 02'39'26"E, h6km, 7km, n43, r190/65, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SVRC Sivrice-ELAZID, ELZG Elazig, MDNT Maden, KAYA Elazig, Kovanc, MAYA Malatya/Merkez, etc.

IDC 27 00:50:09.1, 10.0, 28'12"S x 69'88"W, h0km, mbmp3.3/1, ML2.3/1, Error ellipse: s-maj=96.9km s-min=66.4km az=92.0

GUC 27 00:50:15.9.0.2, 28'18"S x 70'69"W, h65km, 26km, ML3.6 SJA 27 00:50:15.6.0.8, 28'14"S x 70'80"W, h58km, 4km, ML3.4, MW3.5

ISC 27 00:50:14.0.2.28, 145°0'02" x 70'85"W, h14km, 15km, n46, r169/71, 1C-1D, Central Chile

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like G003 Copiapo, G003 Copiapo, G003 Copiapo, G003 Copiapo, G003 Copiapo, etc.

CO01 Juntas del Tor 1.94 160 eP Sn 00 51 11.7 +0.5

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CO01 Juntas del Tor, AC01 Pan de Azucar, AC01 Pan de Azucar, etc.

AROD Rodeo 2.35 150 eP Sn 00 50 54.7 +2.2

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VCA Vinchina, AC01 Cuesta del Vie, CO06 El Pedregal, etc.

CO02 Cerro Coronel 2.89 148 eP Sn 00 51 02.5 +2.5

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TINO Tinogasta, CO02 Cerro Coronel, CO02 Cerro Coronel, etc.

CO02 Cerro Coronel 2.89 148 eP Sn 00 51 02.5 +2.5

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CO02 Cerro Coronel, CO02 Cerro Coronel, CO02 Cerro Coronel, etc.

CO02 Cerro Coronel 2.89 148 eP Sn 00 51 02.5 +2.5

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CO02 Cerro Coronel, CO02 Cerro Coronel, CO02 Cerro Coronel, etc.

CO02 Cerro Coronel 2.89 148 eP Sn 00 51 02.5 +2.5

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CO02 Cerro Coronel, CO02 Cerro Coronel, CO02 Cerro Coronel, etc.

RSNC 27 00:56:48.1.0.9, N2°77'W, h47km, 3km, M2.8, mb3.2, ML2.4, Panama-Colombia border region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CAPC Capurgana, CAPC Capurgana, APAC Apartado, etc.

IDC 27 00:56:47.1.3.1, 27'97"N x 56'71"E, h0km, mb3.7/5, mbmp3.7/5, Error ellipse: s-maj=83.0km s-min=28.8km az=148.0

TEH 27 00:56:49.4, 28'14"N x 56'91"E, h8km, 65km, ML3.1, Presumed earthquake

ISC 27 00:56:51.3.0.8, 27'97"N x 06'56'39"E, h24km, n17, r126/118, mb3.6/4, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IBND Bandar-ahs, IBND Bandar-ahs, IBND Bandar-ahs, etc.

Table with columns: ID, Name, Az, El, S, P, Res. Includes stations like KAHNOOJ, KERMAN, ZANAND KERMAN, etc.

IDC 27 00:57:06.5-4.3, 5.1, 32N, 179.84W, h0km, mb3.5/4, m1mp3.6/5, ML3.8/1, Error ellipse: s-maj=132.0km s-min=26.6km az=180.0

AEIC 27 00:57:09.7-0.9, 5.1, 05N, 179.85W, 0.03, h13km, 5km, Error ellipse: s-maj=4.7km s-min=2.2km az=157.0

NEIC 27 00:57:09.7-0.7, 5.1, 06N, 179.83W, 0.05, h16km, 10km, ML3.1(AEIC), Error ellipse: s-maj=13.6km s-min=3.4km az=191.0

ISC 27 00:57:07.0-1.2, 5.0, 33N, 179.84W, 0.03, h10km, n3.0, c1903/34, mb3.6/4, Andeanof Islands

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like AMKA, GAKI, GAKI, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like YKA, PDAR, KURBB, etc.

SJA 27 00:57:30.1-2.8, 21.76S, 68.36W, h146km, ML3.5, MW3.5 GUC 27 00:57:49.0-0.8, 21.93S, 68.79W, h102km, 5km, ML3.0

ISC 27 00:57:47.4-2.3, 22.99S, 0.06, 68.72W, 0.07, h117km, 15km, n19, c197/28, Northern Chile

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like AF01, PB06, PB06, etc.

IDC 27 01:03:44.5-2.1, 6.80S, 129.70E, h0km, mb3.8/1, m1mp3.6/4, ML3.7/3, Error ellipse: s-maj=84.2km s-min=28.0km az=77.0, Banda Sea

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like FITZ, WRA, WRA, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like ASAR, MKAR, TAP, etc.

TAP 27 01:06:28.9-4.2, 87N, 122.03E, h108km, ML3.8, C JMA 27 01:06:29.5-0.3, 25N, 122.05E, 0.6, h102km, 2km, MV2.7/14, TAIWAN REGION

ISC 27 01:06:28.4-1.3, 24.88N, 122.02E, 0.02, h113km, 5km, n143, c099/4249, Taiwan region

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like EGS, TWB1, TWB1, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like TWB1, TWB1, TWB1, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like TWB1, TWB1, TWB1, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like TWB1, TWB1, TWB1, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like TWB1, TWB1, TWB1, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like TWB1, TWB1, TWB1, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like TWB1, TWB1, TWB1, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like TWB1, TWB1, TWB1, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like TWB1, TWB1, TWB1, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like TWB1, TWB1, TWB1, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like TWB1, TWB1, TWB1, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like HGSD, EHY, EHY, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like WCHH, WCHH, WCHH, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like WCHH, WCHH, WCHH, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like WCHH, WCHH, WCHH, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like WCHH, WCHH, WCHH, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like WCHH, WCHH, WCHH, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like WCHH, WCHH, WCHH, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like WCHH, WCHH, WCHH, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like WCHH, WCHH, WCHH, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like WCHH, WCHH, WCHH, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like WCHH, WCHH, WCHH, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like WCHH, WCHH, WCHH, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like WCHH, WCHH, WCHH, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like WCHH, WCHH, WCHH, etc.

IDC 27 01:19:43.6-1.5, 3.32S, 130.71E, h0km, mb3.8/2, m1mp3.7/5, ML3.7/3, Error ellipse: s-maj=69.3km s-min=22.4km az=85.0

DJA 27 01:19:46.7-0.5, 3.54S, 131.1E, h14km, 3km, M3.5/11, ML3.5/11

ISC 27 01:19:44.5-0.8, 3.31S, 0.06, 130.69E, 0.05, h10km, n14, c297/17, Seram

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like BNDI, FAKI, FAKI, etc.

IDC 27 01:27:31.3-1.9, 5.56S, 105.24E, h16km, 6km, mb3.5/4, m1mp3.6/4, MS2.5/1, Error ellipse: s-maj=98.8km s-min=19.1km az=49.0

DJA 27 01:27:34.3-0.3, 6.54S, 105.2E, h10km, M3.9/15, ML3.9/15

ISC 27 01:27:31.8-0.7, 5.66S, 0.06, 105.26E, 0.05, h10km, n26, c216/27, mb3.6/4, Banda Strait

27 1h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BLSI Bandar Lampung, KASI Kota Agung, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THIG THIG, SMCA Catarina, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MNGR Mingechevir, SEKA Sheki, etc.

2020 JAN

Table with columns: AKT, smax, smax. Includes stations like AKT Akhty, AKT Akhty, GDB GEDABAY, etc.

Table with columns: AKT, smax, smax. Includes stations like SAAT Saaty, DGRG David-gareji, etc.

Table with columns: AKT, smax, smax. Includes stations like EGZV Egvard, EGZV Vayk, ALIB Alib, etc.

Table with columns: AKT, smax, smax. Includes stations like UNCR Uncukul, UNCR Uncukul, UNCR Botlikh, etc.

1898

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GOBA Gobu, AMBZ Amberd, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKHS Akhisar, AKHS Akhisar, AKS Akhisar, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BALB Balikesir, DEMI Demirci, etc.

27d 2h

Table of seismic data for 27d 2h, including station names, coordinates, and magnitudes. Includes stations like LSZ, LSZ, LSZ, BROLN, BROLN, BROLN, etc.

TEH 27 01:57:57.9, 34.00N:60.27E, h7km, 43km, ML3.7, Presumed earthquake, Northern and central Iran

2020 JAN

Table of seismic data for 2020 JAN, including station names, coordinates, and magnitudes. Includes stations like IMYA, NHDN, NHDN, TKDS, etc.

RSNC 27 02:04:58.6:0.8, 4°N:6°8'2"W, h0km, M3.2, mb4.5, mb3.9, ML2.7, Mw(m)3.6, South of Panama

Table of seismic data for RSNC 27 02:04:58.6:0.8, 4°N:6°8'2"W, h0km, M3.2, mb4.5, mb3.9, ML2.7, Mw(m)3.6, South of Panama

ISC 27 02:23:28.5:1.1, 34°34'N:26°23'E, h0km, mb4.0/1.0, mb(m)3.9/1.5, ML3.1/1.6, MS3.0/2, Error ellipse: s-maj=23.8km s-min=15.9km az=0.0

Table of seismic data for ISC 27 02:23:28.5:1.1, 34°34'N:26°23'E, h0km, mb4.0/1.0, mb(m)3.9/1.5, ML3.1/1.6, MS3.0/2, Error ellipse: s-maj=23.8km s-min=15.9km az=0.0

1900

Table of seismic data for 1900, including station names, coordinates, and magnitudes. Includes stations like METS, VLY, VLY, DION, DION, KORT, etc.

27d 3h

Table with columns: Station Name, Time, Res, ISC. Includes stations like TXAR, MKAR, MAKZ, BVAR, NOA.

NEIC 27 02:46:12.0-1.7, 77.88N-0.04-6.832W, 0.005, h10km, 1km, ML2.7/33, Md3.0/3(RSPR), Error ellipse: s-maj=6.6km s-min=2.7km az=3.0

SDD 27 02:46:12.8-1.9, 77.91N-66.85W, h20km, 16km, MD3.5, ML2.5, MW2.9, Presumed earthquake

RSPR 27 02:46:12.4-1.7, 77.88N-66.85W, h10km, MD3.0/3, ISC 27 02:46:10.9-1.1, 77.87N-0.06-6.86W, 0.02, h24km, 5km, n37, c069/66, 16C-2D, Puerto Rico region

Main table for station data on the left side, including station names, times, residuals, and ISC values.

Main table for station data in the middle, including station names, times, residuals, and ISC values.

Table with columns: Station Name, Time, Res, ISC. Includes stations like TORO, MKAR, SCHO.

GCG 27 02:54:35.8-1.9, 14.767N-93.50W, h38km, 999km, MD4.3, Presumed earthquake

MEX 27 02:54:35.4-0.7, 14.777N-93.55W, h2km, 36km, MD4.1, Presumed earthquake

ISC 27 02:54:30.6-1.6, 14.515N-108.0369W, 0.04, h36km, n16, c195/27, Near coast of Chiapas

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like PCIG, TGIG, CHJU, STG8, etc.

WEL 27 03:04:45.9-1.2, 32'S-14', 180'E-2'3, h380km, 40km, M3.8/6, mb4.1/5, ML3.9/7, MLV4.1/6, Mw(MwB)3.1/5, Error ellipse: s-maj=29.7km s-min=18.1km az=97.0, confirmed, South of Kermadec Islands

Table with columns: Code, Station Name, Time, Res, ISC. Includes stations like MXZ, HAZ, PKGZ, OUZ, PUZ, etc.

IDC 27 03:15:14.7-1.4, 18.92N-67.35W, h0km, mb3.6/3, mbmp3.8/4, ML2.7/1, MS3.4/3, Error ellipse: s-maj=32.3km s-min=24.9km az=41.0

NEIC 27 03:15:16.0-1.1, 19.191N-0.004-67.11W, 0.04, h10km, 1km, mb4.3/12, ML4.2/43, MD4.0/4(RSPR), Error ellipse: s-maj=5.7km s-min=2.8km az=269.0

RSPR 27 03:15:16.2-2.1, 19.26N-67.27W, h14km, 10km, MD3.5, ML4.0, MW4.2, Presumed earthquake

OSPL 27 03:15:17.3-0.5, 19.21N-67.33W, h16km, 2km, ML3.9, Presumed earthquake

PTWC 27 03:15:19, 18.90N-67.30W, h29km, MW.1/16, ISC 27 03:15:15.7-1.3, 19.18N-0.04-67.17W, 0.02, h10km, 9km, n18, c183/137, mb4.2/8, MS3.4/3, 26C-4D, Mona Passage

Main table for station data on the right side, including station names, times, residuals, and ISC values.

27d 3h

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like H10S3 ASCENSION HYDR47.95 164, SDV Santo Domingo, KBZ Khabaz, etc.

2020 JAN

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like AJAC Base Areonaval, PGGI Pioggia, MON Monaco, etc.

1904

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like GBOB, CELB S.Piero in Cam, RUSF Rustrel, etc.

STR 27 03:29:48.5-0.1, 41.8N:0.3:7.5E:0.2, h4km, MLV3.8/25, LOC SAT earthModelD alpes_taup-2.11 preliminary

OG35 Corcelles 4.18 342 Pn Pn 03 30 57.6 +1.3

1905

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations 1905.

2020 JAN

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations 2020 JAN.

27d 3h

Table with columns: Code, Station Name, Frequency, Power, and other technical details for stations 27d 3h.

27d 4h

Table with columns for station name, coordinates, and various data points. Includes stations like STKA Stephens Creek, BTO2 Baotou, HHC Hu-ho-hao-te, etc.

2020 JAN

Table with columns for station name, coordinates, and various data points. Includes stations like PETK Petropavlovsk-Ruatunaha, MA2 Magadan, NRIK Noril'sk, etc.

1906

Table with columns for station name, coordinates, and various data points. Includes stations like MCKZ comp=E,12nm,0.2s, HANM anur/ur/ha, AZEY Adyaman-Merk, etc.

NEIC 27 03:49:52.5-2.0, 17.96N,0.03-66.754W,0.006, h10km, ML2.9/35, MD3.0/3(RSPR), Error ellipse: s-maj=5.0km s-min=2.6km az=183.0 RSPR 27 03:49:53.0, 17.99N,66.80W, h17km, MD3.0/3 SDD 27 03:49:53.0, 18.05N,66.78W, h12km,9km, MD3.5, ML2.6, MWV2.9, Presumed earthquake ISC 27 03:49:52.6-0.9, 18.02N,0.04-66.76W,0.02, h15km,7km, n36, c056/63, 11C-8D, Puerto Rico region

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like GBPR Guanica, Bosqu, OBIP Obispo Ponce, etc.

BER 27 04:15:49.5-2.5, 74.95N,9.11E, h11km,59km, Mw3.5, Confirmed Earthquake FCIAR 27 04:15:52.0, 75.16N,9.39E, h10km, station OMEGA has station magnitude of 3.40

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ISG 27 04:15:50.9, 32.752N, 0.1x9.9E, etc.

27d 5h

PALK	Pallekele	81.81	279	P	P	05 14 18.8	-0.1
PALK	comp-Z,85nm,1.1s			MLR	MLR		
PALK	comp-Z,6um,22.0s						
YAK	Pallekele	81.81	279	P	P	05 14 21.4	+2.5
EYAK	Cordova Ski Ar	81.96	24	P	P	05 14 19.0	+0.5
EYAK	comp-Z,7.1nm,1.0s						
M23K	Glacier View	81.98	22	P	P	05 14 19.2	+0.3
G19K	Purcell Mounta	82.01	16	IAMB	IAMB	05 14 21.6	
G19K	comp-Z,11nm,0.9s						
G19K	Purcell Mounta	82.01	16	P	P	05 14 19.4	+0.7
KTH	Kantishna Hill	82.02	20	IAMB	IAMB	05 14 20.4	
KTH	comp-Z,139nm,0.8s			IAMS_20	IAMS_20	05 46 36.3	
JHSG	JHARSUGUGA	82.08	294	eP	P	05 14 18.0	-2.1
RDOG	Red Dog Mine	82.08	13	IAMB	IAMB	05 14 21.8	
RDOG	comp-Z,103nm,0.8s						
RDOG	Red Dog Mine	82.08	13	P	P	05 14 20.2	+1.1
E18K	Tukpahlearik C	82.11	14	P	P	05 14 20.1	+1.0
KAIM	Kayak Island	82.12	24	IAMB	IAMB	05 14 22.6	
KAIM	comp-Z,144nm,0.8s			IAMS_20	IAMS_20	05 45 15.0	
KAIM	comp-Z,11um,20.0s						
KAIM	Kayak Island	82.12	24	P	P	05 14 20.8	+1.4
H20K	Anotleneega Mo	82.15	17	P	P	05 14 19.9	+0.4
SCM	Sheep Creek Mo	82.15	22	IAMB	IAMB	05 14 24.1	
SCM	comp-Z,145nm,0.8s			IAMS_20	IAMS_20	05 44 18.7	
SCM	comp-Z,17um,22.0s						
SCM	Sheep Creek Mo	82.15	22	P	P	05 14 20.1	+0.5
TRF	Thorofare Moun	82.16	20	IAMB	IAMB	05 14 23.0	
TRF	comp-Z,131nm,0.8s			IAMS_20	IAMS_20	05 48 18.0	
TRF	comp-Z,12um,20.0s						
TRF	Thorofare Moun	82.16	20	P	P	05 14 19.8	+0.1
RAGM	Ragged Mountai	82.29	24	IAMS_20	IAMS_20	05 43 26.4	
WAT1	Susitna Watana	82.35	21	P	P	05 14 21.0	+0.4
F19K	Shaleruckik Mo	82.35	15	P	P	05 14 21.0	+0.6
BPAW	Bear Paw Mtn.	82.36	19	IAMB	IAMB	05 14 22.1	
BPAW	comp-Z,161nm,1.4s			IAMS_20	IAMS_20	05 46 07.5	
BPAW	comp-Z,10um,21.0s						
BPAW	Bear Paw Mtn.	82.36	19	P	P	05 14 20.3	-0.3
C17K	DeLong Mountai	82.37	13	P	P	05 14 21.2	+0.7
KLU	Klutina	82.47	23	IAMS_20	IAMS_20	05 46 17.1	
KLU	comp-Z,10um,21.0s						
KLU	Klutina	82.47	23	P	P	05 14 22.1	+0.8
SUCK	Suckling Hills	82.47	25	IAMS_20	IAMS_20	05 45 45.9	
WAT6	Susitna Watana	82.48	21	P	P	05 14 21.8	+0.4
RND	Reindeer	82.62	20	IAMB	IAMB	05 14 24.0	
RND	comp-Z,131nm,0.8s			IAMS_20	IAMS_20	05 45 28.1	
BMRM	Bremner River	82.67	24	IAMB	IAMB	05 14 34.6	
BMRM	comp-Z,234nm,1.3s						
BMRM	Bremner River	82.67	24	P	P	05 14 22.8	+0.5
BERG	Berg Lake	82.69	24	IAMS_20	IAMS_20	05 46 24.3	
M24K	Tolsona, Glenn	82.75	22	IAMS_20	IAMS_20	05 44 36.5	
M24K	comp-Z,11um,20.0s						
M24K	Tolsona, Glenn	82.75	22	P	P	05 14 23.8	+1.1
I21K	Tanana	82.79	18	IAMS_20	IAMS_20	05 46 17.7	
I21K	comp-Z,9um,20.0s						
I21K	Tanana	82.79	18	P	P	05 14 23.9	+1.1
MCK	McKinley	82.80	20	IAMS_20	IAMS_20	05 45 36.0	
MCK	comp-Z,16um,22.0s						
MCK	McKinley	82.80	20	P	P	05 14 23.0	+0.1
H21K	Melozitna Rive	82.87	18	IAMB	IAMB	05 14 48.9	
H21K	comp-Z,130nm,1.2s			IAMS_20	IAMS_20	05 44 32.9	
H21K	comp-Z,11um,21.0s						
H21K	Melozitna Rive	82.87	18	P	P	05 14 24.3	+1.1
DHY	Denali Highway	82.92	21	IAMB	IAMB	05 14 52.5	
DHY	comp-Z,272nm,1.6s			IAMS_20	IAMS_20	05 48 11.2	
DHY	Denali Highway	82.92	21	P	P	05 14 24.1	+0.3
SNH	Sunshine Point	82.92	25	IAMS_20	IAMS_20	05 46 10.0	
C18K	Utukok River	82.94	13	IAMB	IAMB	05 14 40.2	
C18K	comp-Z,84nm,0.9s			IAMS_20	IAMS_20	05 47 37.7	
C18K	Utukok River	82.94	13	P	P	05 14 24.0	+0.4
PAF	Port-aux-Franc	82.95	221	P	P	05 14 24.8	+0.8
PAF	comp-Z,13um,18.0s			IAMS_20	IAMS_20	05 47 49.5	
PAF	Port-aux-Franc	82.95	221	P	P	05 14 24.8	+0.8
E19K	Redstone River	82.96	15	IAMB	IAMB	05 14 26.6	
E19K	comp-Z,123nm,0.8s						
E19K	Redstone River	82.96	15	P	P	05 14 24.5	+0.2
N25K	Chitina, Valde	83.05	23	IAMB	IAMB	05 14 27.8	
N25K	comp-Z,85nm,0.8s			IAMS_20	IAMS_20	05 46 35.3	
N25K	Chitina, Valde	83.05	23	P	P	05 14 25.3	+1.0
F20K	Avartard Lake	83.05	16	P	P	05 14 24.9	+0.8
CRQM	Cirque	83.13	24	IAMB	IAMB	05 14 28.9	
CRQM	comp-Z,146nm,0.8s			IAMS_20	IAMS_20	05 46 39.9	
CRQE	Cirque	83.14	24	P	P	05 14 25.5	+0.6
TGL	Tana Glacier	83.25	24	IAMB	IAMB	05 14 29.4	
TGL	comp-Z,100nm,0.9s			IAMS_20	IAMS_20	05 46 41.7	
GLB	Gilahina Butte	83.26	23	IAMB	IAMB	05 14 28.0	
GLB	comp-Z,9um,20.0s			IAMS_20	IAMS_20	05 45 26.8	
VRDI	Verde Repeater	83.27	24	IAMB	IAMB	05 14 28.1	
VRDI	comp-Z,81nm,0.7s			IAMS_20	IAMS_20	05 44 20.3	
G21K	Allakaket	83.28	17	IAMB	IAMB	05 14 29.0	
G21K	comp-Z,73nm,0.8s						
G21K	Allakaket	83.28	17	P	P	05 14 25.5	+0.2
MESA	MESA	83.29	25	IAMS_20	IAMS_20	05 45 29.4	
MESA	comp-Z,12um,21.0s						
MESA	MESA	83.29	25	P	P	05 14 26.4	+0.6
HARP	HAARP	83.31	22	P	P	05 14 26.2	+0.6
NEA2	Nenana	83.32	19	IAMB	IAMB	05 14 27.2	
NEA2	comp-Z,120nm,0.8s			IAMS_20	IAMS_20	05 49 41.7	
NEA2	Nenana	83.32	19	P	P	05 14 25.0	-0.6
ISLE	Juniper Island	83.36	25	IAMB	IAMB	05 14 29.9	
ISLE	comp-Z,140nm,0.8s			IAMS_20	IAMS_20	05 46 04.4	
VLK	Valkinagar	83.36	299	eP	P	05 14 24.7	-1.9

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MDRS	Chennai	83.41	284	eP	P	05 14 24.8	-2.3
MDRS	comp-Z,154nm,2.5s			IAMB	IAMB	05 14 38.5	
MCARA	McCarthy VSAT	83.53	24	IAMB	IAMB	05 14 39.1	
MCARA	comp-Z,133nm,0.9s			IAMS_20	IAMS_20	05 45 14.2	
MCARA	comp-Z,11um,20.0s						
MCARA	McCarthy VSAT	83.53	24	P	P	05 14 27.2	+0.5
D19K	Kuna River	83.53	14	IAMB	IAMB	05 14 29.1	
D19K	comp-Z,121nm,1.1s						
D19K	Kuna River	83.53	14	P	P	05 14 27.0	+0.4
PAX	Paxson	83.54	22	IAMB	IAMB	05 15 17.3	
PAX	comp-Z,133nm,1.6s						
PAX	Paxson	83.54	22	P	P	05 14 26.8	0.0
WRH	Wood River Hill	83.56	20	IAMB	IAMB	05 14 34.0	
WRH	comp-Z,92nm,0.8s			IAMS_20	IAMS_20	05 46 00.1	
WRH	comp-Z,16um,22.0s						
I23K	Minto, Yukon-K	83.59	19	IAMS_20	IAMS_20	05 47 03.8	
I23K	comp-Z,12um,21.0s						
I23K	Minto, Yukon-K	83.59	19	P	P	05 14 27.2	+0.4
BLSL	Bilasapur	83.59	294	eP	P	05 14 25.6	-2.3
BLSL	comp-Z,189nm,6.0s			IAMB	IAMB	05 14 40.5	
VAR	Varanasi	83.63	297	eP	P	05 14 26.8	-1.2
C19K	Lookout Ridge	83.66	13	IAMB	IAMB	05 14 30.2	
C19K	comp-Z,174nm,1.2s			IAMS_20	IAMS_20	05 48 02.7	
C19K	Lookout Ridge	83.66	13	P	P	05 14 28.2	+0.9
GRNC	Granite Creek	83.67	25	IAMS_20	IAMS_20	05 46 53.0	
GRNC	comp-Z,16um,22.0s						
VJD	Vijayawada	83.76	288	eP	P	05 14 26.6	-2.2
TABL	Table Mountain	83.77	25	IAMS_20	IAMS_20	05 45 44.1	
CCB	Clear Creek Bu	83.77	20	IAMB	IAMB	05 14 29.4	
CCB	comp-Z,70nm,0.8s			IAMS_20	IAMS_20	05 46 16.6	
F21K	Alatina River	83.78	16	P	P	05 14 28.6	+0.7
BARN	Barnard Glacie	83.89	24	IAMS_20	IAMS_20	05 46 10.8	
COLA	College	83.90	20	P	P	05 14 27.7	-0.8
COLA	comp-Z,14um,22.0s			IAMS_20	IAMS_20	05 46 11.0	
COLA	College	83.90	20	P	P	05 14 28.4	0.0
COLA	comp-Z,137nm,0.7s						
COLA	College	83.90	20	eP	P	05 14 27.0	-1.5
COLA	comp-Z,114nm,0.8s			MLR	MLR		
COLA	College	83.90	20	P	P	05 14 28.5	0.0
HDA	Harding Lake	83.91	20	IAMS_20	IAMS_20	05 46 19.3	
HDA	comp-Z,11um,22.0s						
HDA	Harding Lake	83.91	20	P	P	05 14 29.0	+0.5
K24K	Dorothy Dome	83.94	21	P	P	05 14 27.7	+0.9
K24K	comp-Z,11um,22.0s						
K24K	Dorothy Dome	83.94	21	P	P	05 14 29.0	+0.8
PCA	Pinnacle	83.95	26	IAMS_20	IAMS_20	05 48 11.4	
PINM	Pinnacle	83.95	26	P	P	05 14 29.8	+0.8
CTG	Chitna Glacier	83.97	24	P	P	05 14 29.8	+0.6
CTGM	Chitna Glacier	83.97	24	IAMS_20	IAMS_20	05 46 23.9	
LOGN	Logan Glacier	84.03	25	IAMS_20	IAMS_20	05 46 35.5	
D20K	Etivluk River	84.06	14	IAMB	IAMB	05 14 32.0	
D20K	comp-Z,8um,20.0s						
D20K	Etivluk River	84.06	14	P	P	05 14 30.1	+0.8
M26K	Nabesna, AK	84.12	23	IAMB	IAMB	05 14 32.7	
M26K	comp-Z,86nm,0.8s			IAMS_20	IAMS_20	05 45 47.8	
M26K	Nabesna, AK	84.12	23	P	P	05 14 30.8	+1.0

27d 5h

Table with columns for station name, coordinates, and various data points. Includes stations like MNRG, KENDRIKON, WIN, ZVC, ZV, etc.

2020 JAN

Table with columns for station name, coordinates, and various data points. Includes stations like BBGH, ITTB, VSL, BDFB, MAHO, etc.

1916

Table with columns for station name, coordinates, and various data points. Includes stations like TNSS, KBK, KST, SATY, etc.

Additional text and data at the bottom right, including station names like DZM, WRA, ASAR, KSR, etc., and coordinates.

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	ISC
Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	ISC
SHL	Shillong	0.77	11	Op	ISC	07 10 57.2	+0.5	Pn
SHL	SILCHAR	0.99	91	Sg	Sg	07 11 06.9	+0.6	Pn
SILR				eS	Sn	07 11 04.0	+0.3	Pn
SILR				eS	Sn	07 11 14.1	+1.1	Pn
SILR	comp=E,16um,0.5s			IAML		07 11 17.6		
SILR	comp=N,20um,0.3s			IAML		07 11 18.4		
GUWA	GUWAHATI	1.38	359	eP	Pn	07 11 05.3	+0.4	Pn
GUWA				eS	Sn	07 11 22.3	+0.3	Pn
GUWA				IAML		07 11 26.0		
GUWA	comp=N,2um,0.0s			IAML		07 11 26.4		
BELO	BELONIA	1.57	189	eP	Pn	07 11 07.2	-0.5	Pn
BELO				eS	Sn	07 11 25.4	-2.0	Pn
DHUB	DHUBRI	1.97	308	eP	Pn	07 11 12.4	-0.7	Pn
DHUB				eS	Sn	07 11 35.0	-2.1	Pn
DHUB				IAML		07 11 47.6		
DHUB	comp=N,6um,0.6s			IAML		07 11 47.8		
TEZP	TEZPUR	2.05	28	eP	Pn	07 11 14.7	+0.6	Pn
TEZP				eS	Sn	07 11 38.4	-0.7	Pn
TEZP				IAML		07 11 47.5		
TEZP	comp=N,5um,0.0s			IAML		07 11 48.2		
BRDH	Bariadaha	2.12	182	Pn	Pn	07 11 16.4	+1.2	Pn
BRDH	comp=N,226nm,0.3s,baz=42,slow=9.0,SNR=42			Sb	Sb	07 11 43.0	-1.6	Pn
BRDH	comp=N,440nm,0.3s,baz=199,slow=23,SNR=25			Sb	Sb	07 11 43.0	-1.6	Pn
KOHI	KOHIMA	2.35	67	eP	Pn	07 11 18.9	+0.5	Pn
KOHI				eS	Sn	07 11 45.9	-0.9	Pn
KOHI				IAML		07 11 49.5		
KOHI	comp=N,3um,0.9s			IAML		07 11 50.0		
KOHI	comp=N,4um,0.4s			IAML		07 11 50.0		
MORE	Moreh	2.42	103	Pn	Pn	07 11 20.4	+1.0	Pn
SAIH	SAIHA	2.59	153	eP	Pn	07 11 21.5	-0.2	Pn
SAIH				eS	Sn	07 11 50.4	+2.3	Pn
SAIH				IAML		07 12 12.3		
SAIH	comp=N,2um,0.7s			IAML		07 12 16.0		
SAIH	comp=N,1um,0.7s			IAML		07 12 16.0		
TAWA	Tawang	2.77	3	eP	Pn	07 11 24.3	-0.2	Pn
TAWA				eS	Sn	07 11 55.5	-2.1	Pn
TAWA				IAML		07 12 13.5		
TAWA	comp=N,8um,0.5s			IAML		07 12 15.2		
TAWA	comp=N,6um,0.7s			IAML		07 12 15.2		
MOKO	MOKOCHONG	2.94	59	eP	Pn	07 11 27.1	+0.5	Pn
MOKO				eS	Sn	07 11 60.0	-1.5	Pn
MOKO				IAML		07 12 16.6		
MOKO	comp=N,5um,0.3s			IAML		07 12 19.7		
MOKO	comp=N,6um,0.5s			IAML		07 12 19.7		
ITAN	ITANAGAR	2.94	37	eP	Pn	07 11 26.9	+0.4	Pn
ITAN				eS	Sn	07 11 59.7	-1.6	Pn
ITAN				IAML		07 12 01.9		
ITAN	comp=N,7um,0.1s			IAML		07 12 02.6		
ITAN	comp=N,10um,0.5s			IAML		07 12 02.6		
ZIRO	ZIRO	3.32	35	eP	Pn	07 11 32.0	+0.3	Pn
ZIRO				eS	Sn	07 12 08.4	+2.2	Pn
ZIRO				IAML		07 12 12.8		
ZIRO	comp=N,12um,0.3s			IAML		07 12 14.8		
ZIRO	comp=N,12um,0.7s			IAML		07 12 14.8		
GTK	Tadong	3.75	312	eP	Pn	07 11 36.9	-0.9	Pn
GTK				eS	Sn	07 12 17.4	-4.1	Pn
GTK				IAML		07 12 28.2		
GTK	comp=N,714nm,1.4s			IAML		07 12 29.5		
GTK	comp=N,856nm,0.4s			IAML		07 12 29.5		
LSA	Lhasa	4.90	354	Pn	Pn	07 11 55.0	+1.2	Pn
LSA				Pn	Pn	07 11 52.5	-1.3	Pn
LSA				Sb	Sb	07 12 47.8	-2.3	Pn
LSA	comp=N,220nm,0.6s			smax	smax			
GUN	Gumba	6.08	302	Pn	Pn	07 12 12.8	+2.9	Pn
GUN	comp=N,300nm,0.7s			Pn	Pn	07 12 12.8	+2.9	Pn
GUN	comp=N,303,slow=0.0			Sb	Sb	07 13 20.6	+1.6	Pn
GUN	comp=N,376nm,0.4s,baz=303,slow=0.0			Sb	Sb	07 13 20.6	+1.6	Pn
TNCH	TengChong	6.18	87	Pn	Pn	07 12 13.0	+1.8	Pn
TNCH				Pg	Pg	07 12 41.5	+2.3	Pn
TNCH				Sb	Sb	07 12 45.4	+3.1	Pn
TNCH				Sg	Sg	07 13 56.0	-3.3	Pn
TNCH				smax	smax			
TNCH	comp=N,69nm,1.6s			smax	smax			
TNCH	comp=N,63nm,1.3s			smax	smax			
PKI	Pulchoki	6.30	297	Pn	Pn	07 12 15.4	+2.5	Pn
PKI	comp=N,298,slow=0.0			Sb	Sb	07 13 25.2	+0.8	Pn
PKI	comp=N,98nm,0.3s,baz=298,slow=0.0			Sb	Sb	07 13 25.2	+0.8	Pn
PKIN	Pulchoki	6.31	297	Pn	Pn	07 12 15.3	+2.3	Pn
PKIN	comp=N,298,slow=0.0			Sb	Sb	07 12 19.3	+3.8	Pn
KKN	Kakani	6.49	299	Pn	Pn	07 12 19.3	+3.8	Pn
KKN	comp=N,300,slow=0.0			Sb	Sb	07 13 29.8	+0.7	Pn
DMN	Daman	6.56	297	Pn	Pn	07 12 18.7	+2.3	Pn
DMN	comp=N,298,slow=0.0			Sb	Sb	07 13 32.3	+1.5	Pn
DMN	comp=N,250nm,0.7s,baz=298,slow=0.0			Sb	Sb	07 13 32.3	+1.5	Pn
GKN	Gorkha	7.10	298	Pn	Pn	07 12 25.9	+2.2	Pn
GKN	comp=N,299,slow=0.0			Sb	Sb	07 13 44.2	+0.3	Pn
GKN	comp=N,244nm,0.3s,baz=299,slow=0.0			Sb	Sb	07 13 44.2	+0.3	Pn
KOLN	Koldanda	7.86	294	Pn	Pn	07 12 36.6	+2.4	Pn
KOLN	comp=N,295,slow=0.0			Sb	Sb	07 12 36.9	+1.4	Pn
DANN	Dangsing	7.95	298	Pn	Pn	07 12 36.9	+1.4	Pn
DANN	comp=N,299,slow=0.0			Sb	Sb	07 12 43.9	+1.2	Pn
PYUN	Piuthan	8.48	295	Pn	Pn	07 12 43.9	+1.2	Pn
PYUN	comp=N,295,slow=0.0			Sb	Sb	07 12 48.8	-0.7	Pn
CHTO	Chiang Mai	8.98	130	Pn	Pn	07 12 52.2	-0.6	Pn
CMAR	Chiang Mai Arr	9.23	132	Pn	Pn	07 12 52.2	-0.6	Pn
CMAR	comp=N,1.1nm,0.3s,baz=303,slow=14,SNR=17			Sb	Sb	07 13 05.8	+2.0	Pn
KMI2	Kumming	10.02	86	P	P	07 13 05.8	+2.0	Pn
KMI2	comp=N,7.8nm,0.7s			pmax	pmax	07 13 26.0	-0.4	Pn
GOMU	GeErliu	11.66	12	P	P	07 13 26.0	-0.4	Pn
GOMU				pP	pP	07 13 29.5		
GOMU				sP	sP	07 13 33.5		
GOMU				pmax	pmax	07 13 33.5		
LZDM	Lanzhou Array	15.16	40	Pn	Pn	07 14 12.7	-1.4	Pn
LZDM	comp=N,2.9nm,0.9s			Pn	Pn	07 14 12.7	-1.4	Pn
LZDM	comp=N,220,slow=14			Pn	Pn	07 14 12.7	-1.4	Pn
LZDM	comp=N,2.8nm,0.4s			Pn	Pn	07 14 12.7	-1.4	Pn
LZH	Lanzhou	15.34	40	eP	Pn	07 14 15.5	-0.8	Pn
LZH				sP	sP	07 14 30.5	+1.4	Pn
LZH				pmax	pmax	07 14 30.5	+1.4	Pn
LZH	comp=N,16nm,1.3s			pmax	pmax	07 14 23.3	-3.2	Pn
GA2A	Gaotai	16.13	23	eP	Pn	07 14 23.3	-3.2	Pn
GA2A				sP	sP	07 14 29.8	+0.1	Pn
GA2A				pmax	pmax	07 14 29.8	+0.1	Pn
GA2A	comp=N,4.0nm,1.1s			pmax	pmax	07 14 34.3	+0.9	Pn
ENH	Enshi	16.67	67	P	P	07 14 34.3	+0.9	Pn
ENH				IAMB	IAMB	07 14 35.6		
ENH	comp=N,73nm,0.6s			IAMB	IAMB	07 14 43.5	-1.1	Pn
XAN	Xi'an	17.57	54	P	P	07 14 43.5	-1.1	Pn
XAN				pmax	pmax	07 15 05.1	+1.0	Pn
XAN	comp=N,39nm,0.7s			pmax	pmax	07 15 06.0	+0.5	Pn
NIL	Nilore	18.34	303	P	P	07 15 06.0	+0.5	Pn
WUS	Wushi	18.38	303	P	P	07 15 09.4		
WUS				IAMB	IAMB	07 15 09.4		
WUS	comp=N,28nm,0.6s			IAMB	IAMB	07 15 12.8	+1.6	Pn
KSH2	Kashi	19.75	320	P	P	07 15 21.0	+3.1	Pn
KSH2				sP	sP	07 18 45.0	-6.5	Pn
KSH2				pmax	pmax	07 18 45.0	-6.5	Pn
KSH2	comp=N,2.6nm,0.7s			pmax	pmax	07 15 17.1	+0.7	Pn
PALK	Pallekele	20.38	213	P	P	07 15 17.1	+0.7	Pn
PALK	comp=N,3.6nm,0.5s,baz=28,slow=11,SNR=4.2			P	P	07 15 19.1	-0.5	Pn
PALK	comp=N,3.6nm,0.5s			P	P	07 15 19.1	-0.5	Pn
TARG	Taragay, Kyrgy	20.45	329	P	P	07 15 19.1	-0.5	Pn

PRZ	Przheval'sk	20.78	331	P	IAMB	07 15 22.7	-0.6	Pn
PRZ								
MANEM	Manem	21.27	311	P	IAMB	07 15 26.9	+0.6	Pn
MANEM	comp=N,2.7nm,0.7s			IAMB	IAMB	07 15 47.4		
KBL	Kabul	21.91	302	P	IAMB	07 15 34.3	+1.2	Pn
KBL	comp=N,19nm,0.8s			IAMB	IAMB	07 15 48.5		
BTO2	Baotou	21.97	39	eP	Pn	07 15 33.5	-0.1	Pn
BTO2				pP	pP	07 15 35.3	-1.7	Pn
BTO2				sP	sP	07 15 40.5	-1.3	Pn
BTO2				PP	PP	07 15 59.3	+3.9	Pn
BTO2				pmax	pmax	07 19 33.5	-1.8	Pn
BTO2	comp=N,2.0nm,0.9s			pmax	pmax			
BTO2	comp=N,4.10nm,8.6s			pmax	pmax			
BTO2	comp=N,920nm,22.3s			LR	LR			
BTO2	comp=N,990nm,18.3s							

27d 8h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZAA0, ZAAO, KURK, KURBB, MK31, etc.

KRSC 27 08:27:41.7, 1.5, 58.78N, 158.80E, h8km, 22km, M14.7
IDC 27 08:27:43.6, 0.5, 58.78N, 158.95E, h0km, mb4.2/33,
mbmp4.2/38, MLN.4/4, MS3.5/4, Error ellipse:
s-maj=11.0km s-min=9.1km az=175.0
MOS 27 08:27:43.5, 0.9, 58.78N, 158.95E, h9km, mb4.8/36, Error
ellipse: s-maj=8.9km s-min=3.4km az=92.2
NEIC 27 08:27:46.0, 1.0, 58.80N, 0.09, 158.9E, 0.2, h10km, 1km,
mb4.6/199, Error ellipse: s-maj=16.7km s-min=13.9km
az=42.0
NERS 27 08:27:46.4, 58.87N, 158.52E, h12km
ISC 27 08:27:45.9, 1.8, 58.73N, 0.03, 159.01E, 0.02, h12km, 1km,
mb47.0, e997/499, mb4.5/149, 14C-7D, Kamchatka

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PALN, OSSR, SMKR, KLY, KIRR, etc.

2020 JAN

Main station list table for 2020 JAN with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TOLON, KOK, AVH, SMAR, etc.

1924

Main station list table for 1924 with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like O14K, C19K, J17K, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KK31 Karatay Array, KKB Karatay Array, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KBZ Khabaz, EKA Eskdalemuir, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ACCO Cerro Coronel, VA06 Catapilco, etc.

SJA 27 08:43:36.0L0.8,29:55S:72:29W, h9km,4km, ML3.5, MW3.4

GUC 27 08:43:41.5L0.7,29:63S:72:04W, h31km,7km, ML3.4

ISC 27 08:37:02.0,29:56S:0:03:72:22W,0:07, h4km,12km, n35,+191/54,4C-2D, Off coast of central Chile

IDC 27 08:59:57.9L0.7,3:85N:126:16E, h0km, mb3.9/12, mbmp4.0/12, MS3.2/1, Error ellipse: s-maj=59.4km s-min=14.3km az=74.0

NEIC 27 09:00:06.5L2.3:9N:0:1, h60km,9km, mb4.2/12, Error ellipse: s-maj=17.5km s-min=12.8km az=55.0

ISC 27 09:00:04.2L0.6,3:98N:108:126.5E,0:1, h45km, n30, +135/27, mb4.0/17, 1.0alud:1.0alud

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

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like TNTI Ternate, TOLL Toltoli, etc.

IPEC 27 09:07:00.4L0.2,51:57N:16:17E, h1km, ML2.2/6, Error ellipse: s-maj=1.7km s-min=1.4km az=61.0

VIE 27 09:07:02.3L0.7,51:44N:16:27E, h0km, mb2.5/4, ml2.6/4, Error ellipse: s-maj=3.9km s-min=4.5km az=82.0 65 km NW of Wroclaw, Suspected Mining induced.

PRU 27 09:07:02.6, 51:52N:16:04E, h0km, ISC 27 09:06:59.1L0.8,51:55N:0:03:16:14E:0:03, h0km, n30, +089/59, Poland

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KSP Ksiadz, CHVC Chvacek, etc.

27d 10h

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

IDC 27 10:00:00.1±0.7, 1.05N:79.63W, h0km, mb3.8/10, mbmp3.8/11, ML3.9/1, MS3.5/4, Error ellipse: s-maj=37.1km s-min=15.5km az=68.0

ISC 27 10:00:03.7±0.5, 0.93N:0.03E:79.66W:0.04, h20km, n146, c175/150, mb4.1/11, MS3.3/3, 3C-44D, Near coast of Ecuador

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

AEIC 27 10:18:44.1±0.6, 52°N:0°5'169°W:0.4, h132km, 4km, Error ellipse: s-maj=80.2km s-min=7.1km az=156.0

NEIC 27 10:18:43.1±0.8, 52.82N:0.05:169.37W:0.4, h136km, 4km, ML3.6/4, ML3.4/4 (AEIC), Error ellipse: s-maj=81.5km s-min=7.3km az=156.0, Fox Islands

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

2020 JAN

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

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

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

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

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

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

1928

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chichijima, Matushiro Arr, Warramunga Arr, etc.

DC 27 10:44:36.1±4.1, 21.96Sx179.39W, h574km, 46km, mb3.2/7, mbtmp3.6/8, ML2.8/1, Error ellipse: s-maj=37.1km s-min=25.1km az=157.0

NEIC 27 10:44:38.2±1.4, 21.9S, 0.1x179.41W, 0.06, h594km, 8km, mb4.4/20, Error ellipse: s-maj=20.1km s-min=5.5km az=197.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kununura, Pilbara Seismi, Marble Bar, etc.

IDC 27 10:51:22.7±2.0, 39.99N, 32.98E, h0km, mb3.6/6, mbtmp3.6/8, ML2.9/2, MS3.0/6, Error ellipse: s-maj=41.7km s-min=7.9km az=39.0

MCSM 27 10:51:23.6±0.3, 40.0N, 4.4E, h4km, 6km, mb4.1, MLV3.9

AFAD 27 10:51:25.0, 40.11N, 33.27E, h14km, 1km, MW3.9

ISK 27 10:51:25.0, 40.11N, 33.24E, h7km, ML3.8/47

CFUSG 27 10:51:30.1, 40.47N, 34.09E, h5km, Mb2.3/2, MD3.2/1, MS2.6/4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Anankara-Kalecik, Kargin, Eldivan, etc.

IDC 27 10:55:45.6±1.1, 28.67N, 105.13E, h0km, mb3.5/5, mbtmp3.6/7, ML3.4/2, MS3.8/1, Error ellipse: s-maj=42.9km s-min=19.3km az=62.0

ISC 27 10:55:47.2±1.3, 28.8N, 0.2x105.4E, 0.4, h10km, n8, 0.05717, mb3.5/4, Sichuan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Anankara-Kalecik, Kargin, Eldivan, etc.

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

IDC 27 10:55:45.6±1.1, 28.67N, 105.13E, h0km, mb3.5/5, mbtmp3.6/7, ML3.4/2, MS3.8/1, Error ellipse: s-maj=42.9km s-min=19.3km az=62.0

ISC 27 10:55:47.2±1.3, 28.8N, 0.2x105.4E, 0.4, h10km, n8, 0.05717, mb3.5/4, Sichuan

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

OSPL 27 10:57:35.8±0.3, 17.90N, 66.85W, h17km, 3km, ML2.7, Presumed earthquake

NEIC 27 10:57:35.9±1.2, 17.95N, 0.07, 66.83W, 0.02, h18km, 1km, ML3.3/37, MD2.9/4 (RSPR), Error ellipse: s-maj=10.9km s-min=2.0km az=189.0

SDD 27 10:57:36.3±2.3, 17.95N, 66.85W, h20km, 17km, MD3.5, ML2.9, MW3.4, Presumed earthquake

RSPR 27 10:57:36.1, 17.95N, 66.84W, h14km, MD2.9/4

ISC 27 10:57:36.0±0.8, 17.98N, 0.05, 66.80W, 0.02, h15km, 5km, n45, 0.077/68, 20C-2D, Puerto Rico region

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

27d 12h

Table with columns: PRSN, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, and other parameters. Includes stations like Puerto Rico Se, Experimental 2, Aguadilla, PR, etc.

TIR 27 10:57:54.0, 40°54'N, 20°89'E, h26km, Md1.6/2, ML2.7/2
ATH 27 10:57:54.0, 40°45'N, 20°76'E, h14km, 1km, ML2.2/4

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like KBN Korca, Nestorio, Laimos Florina, Ohrid, etc.

IDC 27 11:06:47.5, 2.2, 27°10'N, 130°51'E, h0km, mb3.1/3,
mbtmp3.2/4, ML3.1/1, Error ellipse: s-maj=48.7km

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like Kitadaitoujima, Amami Oshima, etc.

2020 JAN

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like CONA Conrad Observa, MOA Mollin, etc.

AFAD 27 11:23:28.9, 40°11'N, 33°28'E, h7km, 3km, ML2.5
ISC 27 11:23:28.7, 40°12'N, 33°28'E, h6km, ML2.9/12

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like GOKD Ankara-Kalecik, KARGIN, etc.

CANT Cankiri, KZCM Kizilcihamam, KZCM KZCM

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like BBAL Bala, YALI Yalozu-CANKI, etc.

ISK 27 11:35:17.9, 38°47'N, 44°11'E, h5km, ML2.3/7
AZER 27 11:35:19.5, 38°37'N, 44°36'E, h6km, ml2.5

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like HAKT HAKKARI, AKDM Akdamar-Van, etc.

1930

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like PUYE Puysegur Point, Wether Hill, etc.

IDC 27 12:06:00.7, 48.0, 15°55'S, 172°38'W, h0km, mb4.3/3,
mbtmp4.3/3, Error ellipse: s-maj=925.7km

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, etc.

ISK 27 12:29:53.6, 39°03'N, 27°83'E, h5km, ML2.0/11, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like AKS Akhisar, SOMA Soma-Manisa, etc.

BEO 27 12:31:35.2, 0.2, 44°42'N, 21°93'E, h0km, ML1.4/16, 4C-8D,

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like KUBS Kucevo, BORSD Bor-Borsko je, etc.

IDC 27 12:31:22.0, 4.9, 23°66'S, 179°75'W, h0km, mb4.3/3,
mbtmp4.3/3, Error ellipse: s-maj=174.8km s-min=65.3km

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual. Includes stations like LKBA Tubou, LAKEMBA, etc.

1931

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Nelson, Tophouse, Denniston, Kahutara, etc.

RSNC 27 12:48:04.0, 7.7N, 177.3W, h151km, 2km, M2.8, mb3.5, ML2.6

FUNUV 27 12:48:05.1, 6.71N, 73.15W, h144km, MW3.5, Presumed earthquake

ISC 27 12:48:03.1, 3.685N, 103.7314W, 0.04, h158km, 2km, n29, r1922/58, 1C, Northern Colombia

Main table for 1931 with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists numerous stations and their seismic data.

IDC 27 13:07:30.0, 4.3, 6.95S, 147.57E, h48km, 43km, mb3.3/6, mbmp3.7/8, ML3.7/1, MS2.8/1, Error ellipse: s-maj=48.0km

ISC 27 13:07:31.5, 1.3, 7.01S, 109.1476E, 0.3, h65km, n10, r1900/10, mb3.4/6, Eastern New Guinea region

Table for 1931 with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Port Moresby, Jayapura, Warramunga, etc.

NNC 27 13:16:01.3, 1.7, 39.91N, 177.03E, h0km, mb3.7, mpv3.4, Error ellipse: s-maj=11.6km s-min=7.8km az=169.0

SOME 27 13:16:01.0, 39.87N, 177.07E, h15km

KRNET 27 13:16:02.0, 7.0, 39.95N, 177.05E, h23km, mb3.2

ISC 27 13:16:00.9, 2.5, 39.73N, 108.7701E, 0.05, h85km, n17km, n44, r1953/70, 17C-21D, Southern Xinjiang

Table for 1931 with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Jany-Kuch, Naryn, Taragay, etc.

2020 JAN

Main table for 2020 JAN with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like TNS5, TNS6, KBK, etc.

KRSC 27 13:17:19.4, 1.9, 51.60N, 154.91E, h510km, 21km, MI3.8, Northwest of Kuril Islands

Table for 2020 JAN with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like Khodutka, Matynova, etc.

NEIC 27 13:25:19.0, 1.0, 60.90N, 102.146, 24W, 0.03, h27km, 9km, ML3.5/192, ML3.3(AEIC), Error ellipse: s-maj=3.6km

AEIC 27 13:25:20.0, 1.7, 60.87N, 102.146, 19W, 0.05, h17km, 3km, Error ellipse: s-maj=3.8km s-min=2.1km az=100.0

ISC 27 13:25:19.2, 0.9, 60.89N, 102.146, 22W, 0.02, h35km, 6km, n167, r1946/133, Southern Alaska

Table for 2020 JAN with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like FID, DIV, DIV, etc.

Main table for 2020 JAN with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like Cordova Ski Ar, Glacier, etc.

27d 13h

27d 13h

Table with columns for call sign, name, frequency, and other details. Includes stations like MDB Medias, AK18 Malin Array Si, BURAR Bucovina Array, etc.

2020 JAN

Table with columns for call sign, name, frequency, and other details. Includes stations like WMQO comp=Z,3um,15.7s, IIGN Ignalina, VAE Valguarnera, etc.

1934

Table with columns for call sign, name, frequency, and other details. Includes stations like GEC2 GERESS Array S, GERES GERESS Array B, MTSE Matsula, etc.

1935

Table of astronomical data for 1935, including star names like DEL Delary, SLE Schleitheim, and various spectral types and magnitudes.

2020 JAN

Table of astronomical data for 2020 JAN, including star names like RAUS Rausandakia, LZH Lanzhou, and various spectral types and magnitudes.

27d 13h

Table of astronomical data for 27d 13h, including star names like XAN, BJO1 Bjornoya, and various spectral types and magnitudes.

27d 13h

Table with columns for station ID, name, coordinates, and various data points. Includes stations like KULM, PSI, RPSI, HNS, XLT, KBS, IPM, BJT, BJ2, WHN, HILR, TIA, PPI, PDSI, NJ2, BORG, KRJI, DL2, SNY, MASI, TIXI, DBIC, ZEA, YAK, and CN2.

2020 JAN

Table with columns for station ID, name, coordinates, and various data points. Includes stations like CN2, HEH, TSUM, KGCAC, LBTB, MDSI, KASI, KLR, KSR9, KSR5, PSTR, BOS, VLA, LEM, BBJI, TGY, JOW, SFJD, TYV, TYV, BBKI, SUR, SUR, SEY, SEY, MA2, MA2, MA2, YSS, YSS, YSS, MAJO, MAJO, MJAR, MJAR, ASAJ, MPSI, PCI, BILL, BILL, BILL, MMSI, KHKI, DAV, MRSI, TTSI, KAPI, RES, PETK, PETK, ILON, FRB, FRB, SANI, JCJ, A21K, A22K, B20K, C16K, B22K, A36M, C17K.

1936

Table with columns for station ID, name, coordinates, and various data points. Includes stations like C19K, C18K, B21K, RDOQ, BATI, BATI, D17K, KUQ, C21K, SOEI, SOEI, D20K, KRAI, C24K, C26K, D22K, E18K, TNA, E17K, D23K, D24K, C27K, D25K, F14K, GAMB, TOLK, TOLK, E19K, F15K, F17K, E22K, E22K, SCHO, SCHO, D27M, D28M, F18K, F19K, E23K, C36M, C36M, F20K, E24K, F21K, G15K, G16K, G16K, ANM, ANM, E25K, E25K, E28M, E28M, G17K, G18K, G18K, G19K, E27K, E27K, COLD, F24K, E29M, F25K, G21K, F26K, INK, H16K, BMAR, G23K, H17K, H17K, H18K, H18K, H19K, H19K, F28M, F28M, G24K, F30M, H20K, H22K, H22K, H21K.

Table of seismic events for 1937, including station codes (e.g., H21K, F31M), station names (e.g., Melozitna Rive, Tsiightehc), magnitudes, depths, and times.

Table of seismic events for 2020 JAN, including station codes (e.g., N14K, K29M), station names (e.g., Kuskokwak Cree, Barlow Dome), magnitudes, depths, and times.

Table of seismic events for 27d 13h, including station codes (e.g., ASAR, MAW), station names (e.g., comp=Z, 2.15nm, 20.7s), magnitudes, depths, and times.

BER 27 13:43:58.0 ± 1.6, 72.93N, 4.50E, h0km, m241km, Mw3.8, Confirmed Earthquake, Norwegian Sea

IDC 27 13:58:52.4 ± 1.0, 17.15N, 40.58E, h0km, mb3.8/11, mmtb3.8/12, ML3.4/2, MS3.8/10, Error ellipse: s-maj=2.1km s-min=20.2km az=8.0

NEIC 27 13:58:54.5 ± 1.6, 17.1N, 0.1x40.57E, 0.09, h10km, 1km, mb4.3/10, Error ellipse: s-maj=17.6km s-min=13.9km az=203.0

ISC 27 13:58:54.0 ± 0.7, 17.14N, 0.08, 40.6E, 0.1, h10km, n39, e111/33, mb4.0/15, MS3.8/7, Red Sea

Table of seismic events for 27d 13h, including station codes (e.g., ATD, KIF), station names (e.g., Arta Tunnel, Kif), magnitudes, depths, and times.

27d 14h

CMAR Chiang Mai Arr 55.40 79 P P 14 08 29.00 0.0
SONM Songino Array 61.31 44 P P 14 09 09.4 -0.6

A36M Sachs Harbour 90.57 356 P I 14 11 57.1 +1.0
TXAR Lajitas Array 122.31 323 PKP PKIKP 14 17 50.6 +0.3

DJA 27 14:01:57.8-1.8,9'S;5-10'E;e, h26km,20km, M3.8/13, mb4.2/2,MLV3.5/13,Java

Code Station Name Az Az2 Phase ID Time Res
KPJI Karang Pucung 1.59 13 P Pn 14 02 25.1 +0.8
BBJI Bungbulang 1.68 328 P S 14 02 24.5 -1.0

IDC 27 14:24:44.0-0.3,80.81N;121.185E,h0km,mb4.6/43, mblmp4.6/46,ML4.1/3,MS4.2/76,Error ellipse: s-maj=9.9km s-min=8.0km az=152.0

Code Station Name Az Az2 Phase ID Time Res
SVZ Severnaya Zeml 3.75 256 i/P S 14 25 39.8 -4.0
SVZ SVZ 714nm,0.8s tx 14 28 50.3 -0.9

2020 JAN

YAK Yakutsk 19.03 168 P P 14 29 06.4 -1.0
YAK Yakutsk 19.03 168 eS P 14 29 05.4 -2.0
YAK comp=Z,50nm,1.4s pmax pmax

1938

RES comp=Z,380nm,21.7s,baz=345,slow=34 LR LR 14 38 13.9
F15K North Star Dt 23.50 85 P P 14 29 55.7 +0.5
F15K North Star Dt 23.50 85 P P 14 29 54.8 -0.4

27d 14h

Table with columns for call sign, frequency, power, and other technical details. Includes stations like NOA, ULN, SONM, YKA, etc.

2020 JAN

Table with columns for call sign, frequency, power, and other technical details. Includes stations like MKAR, IIGN, T35M, etc.

1940

Table with columns for call sign, frequency, power, and other technical details. Includes stations like HHC, BSEB, BT02, etc.

1941

GT2A	comp=Z,630nm,13.5s	LR	LR		
IBBN	comp=Z,600nm,17.1s Ibdenburen 42.31 303 eP	P	P	14 32 40.6 +1.7	
IBBN	comp=Z,19nm,0.9s,baz=13,slow=8.1	eP	pwP	14 32 48.8 +0.1	
CLZ	baz=14,slow=8.2 Clausthal 42.41 301 eP	P	P	14 32 42.0 +2.2	
CLZ	comp=Z,39nm,1.1s,baz=13,slow=8.1	eP	pwP	14 32 50.1 +0.7	
ARLS	baz=14,slow=8.2 Aral 42.45 234 P	P	P	14 32 40.7 +0.3	
ARLS	comp=Z,22nm,1.3s	P	Pmax		
WUS	Wushi 42.49 229 IAMB	IAMB	IAMB	14 32 50.9	
KSP	Ksiaz 42.55 295 P	P	P	14 32 41.5 +0.6	
KSP	Ksiaz 42.55 295 P	P	P	14 32 42.0 +1.1	
KSP	Ksiaz 42.55 295 P	P	P	14 32 41.4 +0.6	
CLL	Colim 42.57 298 IAMB	IAMB	IAMB	14 32 50.5	
CLL	Colim 42.57 298 I/P	P	P	14 32 41.3 +0.3	
CLL	comp=Z,34nm,1.0s	P	Pmax		
CLL	comp=Z,300nm,19.7s	P	P	14 32 41.1 +0.1	
CLL	Colim 42.57 298 P	P	P	14 32 41.1 +0.1	
CLL	Colim 42.57 298 I/P	P	P	14 32 41.3 +0.3	
CLL	comp=Z,34nm,1.0s	P	P	14 32 45.0	
CLL	comp=Z,63nm,1.0s	P	P	14 32 48.9	
CLL	comp=Z,13nm,0.9s	P	P	14 32 32.2 -0.7	
CLL	comp=Z,300nm,19.7s	eSS	AMS	14 42 18.0 +6.6	
CLL	Colim 42.57 298 eP	P	P	14 32 42.1 +1.1	
CLL	comp=Z,28nm,0.9s,baz=13,slow=8.1	eP	pwP	14 32 50.3 -0.4	
FFC	baz=14,slow=8.2 Flin Flon 42.58 36 P	P	P	14 32 41.5 +0.5	
FFC	Flin Flon 42.58 36 P	P	P	14 32 41.5 +0.5	
FFC	comp=Z,19nm,1.3s	P	Pmax		
HORU	Horodok 42.61 285 P	P	P	14 32 41.0 -0.4	
CHM	Chimkent 42.64 239 eP	P	P	14 32 42.2 +0.5	
CHM	comp=Z,27nm,1.0s	P	Pmax		
OJC	Ojcow 42.64 292 P	P	P	14 32 42.4 +0.8	
OJC	comp=Z,27nm,1.0s	P	Pmax		
OJC	Ojcow 42.64 292 eP	P	P	14 32 42.5 +0.9	
OJC	Ojcow 42.64 292 P	P	P	14 32 42.0 +0.4	
IUG	Iuzhny 42.75 239 eP	P	P	14 32 43.3 +0.6	
IUG	comp=Z,25nm,1.2s	P	Pmax		
IUG	Iuzhny 42.75 239 eP	P	P	14 32 43.4 +0.6	
GTTG	Gottingen 42.76 301 eP	P	P	14 32 44.7 +2.1	
GTTG	comp=Z,70nm,1.4s,baz=13,slow=8.1	eP	pwP	14 32 52.9 +0.6	
KWP	baz=14,slow=8.2 Kalwarja Pacia 42.77 289 eP	P	P	14 32 44.2 +1.5	
KWP	Kalwarja Pacia 42.77 289 P	P	P	14 32 44.1 +1.4	
ARK	Arkit 42.83 237 P	P	P	14 32 45.1 +1.7	
ARK	comp=Z,69nm,1.0s	P	Pmax		
CHVC	Chvalec 42.83 295 eP	P	P	14 32 44.1 +0.9	
CHVC	Chvalec 42.83 295 eP	P	P	14 32 52.4 +0.5	
CHVC	Chvalec 42.83 295 eP	P	P	14 32 51.0	
CHVC	comp=Z,1,1um,20.6s	P	MLR	14 32 44.1 +0.9	
OSTC	Ostas 42.84 295 eP	P	P	14 32 44.2 +1.0	
OSTC	Ostas 42.84 295 eP	P	P	14 32 44.2 +1.0	
BRG	Berggiesshubel 42.86 297 P	P	P	14 32 43.1 -0.2	
BRG	comp=Z,24nm,1.5s	P	Pmax		
BRG	Berggiesshubel 42.86 297 eP	P	P	14 32 44.7 +1.3	
BRG	baz=14,slow=8.2 Berggiesshubel 42.86 297 I/P	P	P	14 32 52.8 -0.2	
BRG	comp=Z,18nm,1.1s,baz=13,slow=8.1	eP	pwP	14 32 52.8 -0.2	
BRG	Berggiesshubel 42.86 297 I/P	P	P	14 32 44.1 +0.8	
BRG	comp=Z,18nm,1.1s	P	P	14 32 45.1	
BRG	Berggiesshubel 42.86 297 P	P	P	14 32 52.1 +8.8	
BRG	comp=Z,72nm,1.6s	P	P	14 32 53.2	
UPC	Upice 42.92 295 AMS	AMS	AMS	14 53 10.0	
DPC	Dobruska-Polom 43.03 295 eP	P	P	14 32 46.0 +1.2	
DPC	Dobruska-Polom 43.03 295 eP	P	P	14 32 53.9 -0.6	
DPC	comp=Z,800nm,5.7s	eP	AMS	14 51 40.0	
DPC	Dobruska-Polom 43.03 295 eP	P	P	14 32 46.0 +1.2	
DPC	Dobruska-Polom 43.03 295 eP	P	P	14 32 53.9 -0.6	
RICC	Richard 43.16 297 eP	P	P	14 32 47.1 +1.3	
RICC	comp=Z,800nm,5.7s	eP	P	14 32 55.3 -0.2	
HISKC	Hora Svate Kat 43.19 298 eP	P	P	14 32 47.5 +0.9	
HISKC	comp=Z,51nm,1.2s	eP	P	14 32 47.5 +0.9	
BUG	Bochum-Universität 43.23 304 P	P	P	14 32 47.3 +1.0	
BUG	comp=Z,51nm,1.1s	P	Pmax		
BUG	Bochum-Universität 43.23 304 eP	P	P	14 32 48.0 +1.7	
BUG	comp=Z,125nm,1.7s,baz=13,slow=8.1	eP	pwP	14 32 56.3 +0.3	
KMPD	K-Podolskiy 43.24 285 P	P	P	14 32 46.3 -0.1	
OKC	Ostrava-Krasne 43.26 293 eP	P	P	14 32 47.5 +0.9	
OKC	comp=Z,700nm,21.9s	eP	AMS	14 53 00.0	
OKC	Ostrava-Krasne 43.26 293 eP	P	P	14 32 47.5 +0.9	
OKC	comp=Z,700nm,21.9s	eP	AMS	14 53 00.0	
KASTN	Kahler Asten 43.30 302 eP	P	P	14 32 49.0 +2.0	
KASTN	comp=Z,13nm,0.8s,baz=13,slow=8.1	eP	pwP	14 32 57.2 +0.4	
NIE	Niedzica 43.35 291 P	P	P	14 32 48.7 +1.3	
NIE	Niedzica 43.35 291 eP	P	P	14 32 49.0 +1.6	
NIE	Niedzica 43.35 291 P	P	P	14 32 48.9 +1.6	
SORM	Soroca 43.36 283 I/P	P	P	14 32 47.8 +0.4	
SORM	Soroca 43.36 283 I/P	P	P	14 32 47.8 +0.4	
SORM	Soroca 43.36 283 P	P	P	14 32 47.3 -0.1	
TIY	Taiyuan 43.37 190 P	P	P	14 32 49.0 +1.3	
TIY	comp=Z,18nm,1.3s	S	Pmax	14 39 22.3 +8.1	
TIY	comp=Z,520nm,21.3s	LR	LR		
TIY	comp=Z,300nm,11.0s	LR	LR		
STNU	Starunia 43.40 287 P	P	P	14 32 48.5 +0.8	
MORC	Moravsky Berou 43.41 294 IAMB	IAMB	IAMB	14 32 58.1	
MORC	Moravsky Berou 43.41 294 I/P	P	P	14 32 49.4 +1.5	
MORC	Moravsky Berou 43.41 294 I/P	P	P	14 32 49.4 +1.5	
MORC	Moravsky Berou 43.41 294 eP	P	P	14 32 48.4 +0.6	
MOX	Moxa 43.41 299 P	P	P	14 32 49.0 +1.2	
MOX	comp=Z,49nm,1.4s	P	Pmax		
MOX	Moxa 43.41 299 eP	P	P	14 32 49.6 +1.7	
MOX	comp=Z,28nm,1.1s,baz=13,slow=8.1	eP	pwP	14 32 57.8 +0.3	
MOX	baz=14,slow=8.2	eL	L	14 50 02.5	
UBBA	Unterbreizbach 43.46 301 eP	P	P	14 32 49.8 +1.7	
UBBA	comp=Z,66nm,2.0s,baz=13,slow=8.1	eP	P		

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UBBA	baz=14,slow=8.2	eP	pwP	14 32 58.0 +0.1	
PLN	Plauen 43.49 299 eP	P	P	14 32 50.3 +1.8	
PLN	comp=Z,10nm,1.0s,baz=13,slow=8.1	eP	pwP	14 32 58.5 +0.3	
TANN	Tannenberghtha 43.52 299 eP	P	P	14 32 50.7 +2.0	
TANN	comp=Z,30nm,1.1s,baz=13,slow=8.1	eP	pwP	14 32 58.7 +0.3	
PRA	Prague 43.57 297 AMS	AMS	AMS	14 53 20.0	
HNS	HongShan 43.62 188 I/P	P	P	14 32 49.5 -0.1	
HNS	comp=Z,28nm,1.3s	P	Pmax		
HNS	comp=Z,240nm,11.9s	LR	LR		
HNS	comp=Z,940nm,15.2s	LR	LR		
HNS	comp=Z,710nm,16.7s	LR	LR		
PRU	Pruhonice 43.64 296 eP	P	P	14 32 51.0 +1.4	
PRU	comp=Z,800nm,8.3s	eP	AMS	14 32 59.5 +0.2	
PRU	Pruhonice 43.64 296 eP	P	P	14 53 00.0	
PRU	comp=Z,800nm,8.3s	eP	MLR	14 32 51.0 +1.4	
NKC	Novy Kostel 43.70 298 eP	P	P	14 32 51.5 +1.4	
NKC	Novy Kostel 43.70 298 eP	P	P	14 32 59.9 +0.1	
NKC	Novy Kostel 43.70 298 eP	P	P	14 54 10.0	
NKC	Novy Kostel 43.70 298 eP	P	P	14 32 51.5 +1.4	
KSV	Kosov 43.70 286 P	P	P	14 32 50.0 -0.2	
LANS	Liptovska Anna 43.73 292 eP	P	P	14 32 52.4 +1.9	
LANS	comp=Z,10.0nm,0.9s	P	Pmax		
LANS	Liptovska Anna 43.73 292 eP	P	P	14 32 52.4 +1.9	
HOLU	Holmets 43.90 289 P	P	P	14 32 52.2 +0.5	
NLSU	Nychnye Selyshc 43.90 287 P	P	P	14 32 53.8 +2.0	
OHH	Osh 43.97 236 P	P	P	14 32 52.1 -0.5	
OHH	comp=Z,19nm,1.3s	P	Pmax		
MANZ	Manzenberg 43.98 299 eP	P	P	14 32 54.3 +1.8	
MANZ	comp=Z,3.2nm,0.9s,baz=13,slow=8.1	eP	pwP	14 32 52.5 +0.3	
BRIU	Brid 43.99 288 P	P	P	14 32 53.1 +0.7	
VRAC	Vranov 44.00 294 eP	P	P	14 32 53.3 +0.7	
VRAC	comp=Z,16nm,0.8s,baz=18,slow=8.2,SNR=13	LR	LR	14 55 21.6	
VRAC	comp=Z,424nm,18.2s,baz=18,slow=42	P	P	14 32 53.8 +1.0	
VRAC	Vranov 44.00 294 I/P	P	P	14 32 53.6 +1.0	
VRAC	Vranov 44.00 294 I/P	P	P	14 32 53.6 +1.0	
VRAC	Vranov 44.00 294 I/P	P	P	14 32 53.6 +1.0	
VRAC	Vranov 44.00 294 I/P	P	P	14 32 53.6 +1.0	
GOF	Gofitskoye 44.02 268 eP	P	P	14 32 54.3 +1.6	
RAKU	Rahikvi 44.12 287 P	P	P	14 32 53.9 +0.4	
TREC	Trengovo 44.15 288 P	P	P	14 32 55.9 +1.1	
TREC	Trest 44.18 295 eP	P	P	14 32 55.3 +1.3	
TREC	Trest 44.18 295 eP	P	P	14 33 03.7 0.0	
TREC	Trest 44.18 295 eP	P	P	14 54 00.0	
TREC	Trest 44.18 295 eP	P	P	14 32 55.3 +1.3	
TREC	Trest 44.18 295 eP	P	P	14 32 55.3 +1.3	
ROTZ	Rotzenmuehl 44.19 299 eP	P	P	14 32 56.2 +2.1	
ROTZ	comp=Z,6.7nm,1.1s,baz=13,slow=8.1	eP	pwP	14 33 04.4 +0.7	
MEM	Membach 44.21 304 dP	P	P	14 32 55.1 +0.9	
BTNL	Tennel 44.22 304 dP	P	P	14 32 55.2 +0.9	
ZVC	Zvikov 44.22 297 eP	P	P	14 32 55.8 +1.4	
ZVC	Zvikov 44.22 297 eP	P	P	14 33 04.4 +0.3	
ZVC	comp=Z,900nm,21.4s	AMS	AMS	14 53 50.0	
KECS	Kecovo 44.23 291 eP	P	P	14 32 56.1 +1.7	
KECS	comp=Z,43nm,1.7s	eP	Pmax	14 33 04.2	
KECS	Kecovo 44.23 291 eP	P	P	14 32 56.1 +1.7	
KECS	Kecovo 44.23 291 eP	P	P	14 33 04.2	
TRSU	Trosky 44.23 288 P	P	P	14 32 55.2 +0.8	
TNS	Taunus Mts 44.26 302 P	P	P	14 32 54.4 -0.3	
TNS	comp=Z,30nm,1.6s	P	Pmax		
TNS	Taunus Mts 44.26 302 eP	P	P	14 32 56.5 +1.8	
TNS	comp=Z,8.7nm,0.8s,baz=13,slow=8.1	eP	pwP	14 33 04.8 +0.3	
KRUC	Kruc 44.27 295 P	P	P	14 32 56.1 +1.4	
KRUC	comp=Z,69nm,1.3s	P	Pmax		
KRUC	Kruc 44.27 295 eP	P	P	14 32 55.8 +1.1	
JAVC	Velka Javorina 44.28 293 eP	P	P	14 32 57.0 +2.1	
JAVC	comp=Z,14nm,1.1s	P	P	14 33 05.2	
BUR08	Bucovina Ar. S 44.33 286 IAMB	IAMB	IAMB	14 33 05.3	
BURAR	Bucovina Array 44.35 286 P	P	P	14 32 55.9 +0.4	
BURAR	comp=Z,62nm,1.2s	IAMB	IAMB	14 33 05.9	
BURAR	Bucovina Array 44.35 286 I/P	P	P	14 32 56.0 +0.4	
BURAR	Bucovina Array 44.35 286 I/P	P	P	14 32 56.0 +0.4	
GRFO	Grafenberg Arr 44.40 299 P	P			

1943

Table of station data for 1943, including call letters, frequency, and other technical details.

2020 JAN

Table of station data for 2020 JAN, including call letters, frequency, and other technical details.

27d 14h

Table of station data for 27d 14h, including call letters, frequency, and other technical details.

NEIC 27 14:26:29.4 1.0, 35:70N, 0:07:75.2E, 0:2, h10km, 1km, mb4.6, 5.6, Error ellipse: s-maj=24.2km s-min=9.2km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, ISC, h, m, s, Res, including station names like Alchi Leh and Davao City (W).

27d 15h

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like NIKH Nikolski High, OKSP Okmok Steeple, and AKMO Akutan Morgan.

2020 JAN

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like G16K Koyuk River, O19K Port Alsworth, and N19K Bonanza Creek.

1946

Table with columns for station ID, name, elevation, and various performance metrics. Includes stations like SML Sawmill, G21K Allakaket, and WAT1 Susitna Watana.

27d 15h

Table with columns: POIN, Pond Inlet, 45.37 24, I/Amb, I/Amb, 16 00 04.2, TULEG Thule, 45.38 18, P, P, 16 00 03.3 -0.1, etc.

2020 JAN

Table with columns: KULLO Kullorsuaq, 48.87 17, P, P, 16 00 30.6 +0.1, K22A Casper, 48.87 70, P, P, 16 00 31.2 -0.1, etc.

1948

Table with columns: LZH, 16 00 31.5, E38A The Farm, Brul, 54.85 57, I/Amb, I/Amb, 16 01 15.6, LZDM, 54.98 286, P, P, 16 01 17.6 +0.6, etc.

1949

Table with columns for name, code, time, and performance metrics. Includes entries like MKAR Makanchi Array, OZNA Ozona, and KLMR Klimovskoe.

2020 JAN

Table with columns for name, code, time, and performance metrics. Includes entries like WVT Waverly, SATY Saty, and KLMR Klimovskoe.

27d 15h

Table with columns for name, code, time, and performance metrics. Includes entries like PAULI Pauline, BRLS Boroladay, and CMAR Chiang Mai Arr.

Code	Station Name	Lat	Lon	Phase ID	Time	Res	ISC	h	m	s	ISC	h	m	s
CADS	Cadrg	82.28 351	i P	P	16 04 05.7	-0.8								
PSI	Prapat	82.32 265	P	P	16 04 07.4	+0.1								
PSI	Prapat	82.32 265	P	P	16 04 07.2	-0.1								
PSI	comp=2.438nmcomp=2.18nm,1.0s,comp=2.28nm,1.0s			P	16 04 07.0	-0.3								
STAL	STALIGIAL	82.35 351	Iamb	Iamb	16 04 08.0									
RPSI	Rantau Prapa S	82.40 265	Iamb	Iamb	16 04 08.0									
HERR	Herculane	82.41 344	∩ P	P	16 04 07.6	+0.4								
TUE	Stuetta	82.42 354	Iamb	Iamb	16 04 09.0									
SABO	Mte Sabotino	82.54 351	Iamb	Iamb	16 04 10.9									
KOPT	Kop Dagi	82.58 330	Iamb	Iamb	16 04 12.1									
COPA	Copacanea	82.62 342	∩ P	P	16 04 08.4	+0.2								
MDVR	Moldovita	82.62 345	∩ P	P	16 04 08.8	+0.5								
CTI	Castel Tesino	82.66 352	Iamb	Iamb	16 04 09.1									
CHIV	Chivirico	82.75 67	Iamb	Iamb	16 04 11.2									
PUNG	Punghina	82.80 344	∩ P	P	16 04 10.2	+0.5								
LOZB	Loznita	83.02 341	∩ P	P	16 04 11.0	+0.3								
NMDO	Nuevo Mundo	83.11 66	Iamb	Iamb	16 04 12.5									
GEVA	Gevas	83.29 327	Iamb	Iamb	16 04 15.2									
PLVB	Pleven	83.45 342	∩ P	P	16 04 13.3	+0.8								
ILGA	Ilgaz	83.59 335	Iamb	Iamb	16 04 15.8									
ELND	Elena	83.65 341	∩ P	P	16 04 13.6	0.0								
BOVS	Bovan	83.74 344	∩ P	P	16 04 14.3	+0.3								
LEM	Lembang	84.00 252	LR	LR	16 39 22.8									
SILT	Sila	84.52 338	∩ P	P	16 04 18.9	+0.8								
MDSI	Maura Dua	84.79 356	P	P	16 04 17.4	-2.1								
MDUB	Muduru	84.79 337	Iamb	Iamb	16 04 17.8									
BR106	Keskin Array S	84.86 335	P	P	16 04 20.0	0.0								
JUD3	Juan Diaz S	84.86 335	P	P	16 04 20.7	+0.5								
BR131	Keskin Array S	84.86 335	Iamb	Iamb	16 04 21.4									
BR131	Keskin Array S	84.86 335dP	P	P	16 04 20.0	0.0								
BRTR	Keskin Array B	84.86 335	P	P	16 04 20.2	+0.2								
BRTR	comp=2.10nm,0.8s,baz=47,slo=2.8,SNR=58			LR	16 45 48.7									
BRTR	comp=Z.194nm,20.9s,baz=13,slo=38			LR	16 45 48.7									
BRTR	Keskin Array B	84.86 335	P	P	16 04 19.4	-0.6								
BR105	Keskin Array S	84.87 335	P	P	16 04 20.2	+0.1								
BR104	Keskin Array S	84.87 335	P	P	16 04 19.8	-0.3								
ASAR	Alice Springs	84.89 222	P	P	16 04 19.9	-0.1								
ASAR	comp=Z.1.9nm,0.8s,baz=28,slo=5.1,SNR=18			LR	16 38 46.0									
ASAR	comp=Z.1.46nm,20.1s,baz=25,slo=53			LR	16 38 46.0									
ASAR	Alice Springs	84.89 222	P	P	16 04 20.1	+0.1								
ASAR	Alice Springs	84.89 222	P	P	16 04 20.1	+0.1								
BNN	Bunyan	85.06 333	Iamb	Iamb	16 04 23.2									
JTS	Las Juntas de	85.12 80	LR	LR	16 44 42.0									
PDG	Podgorica	85.31 346	∩ P	P	16 04 22.7	+0.7								
KIRS	Kirsehir-Merke	85.47 335	P	P	16 04 22.3	+0.6								
RDO	Rodhopi	85.43 341	Iamb	Iamb	16 04 24.3									
BORA	Eskisehir	85.53 337	Iamb	Iamb	16 04 24.3									
CESX	Cesi	85.97 351	Iamb	Iamb	16 04 38.7									
GAZ	Gaziantep	86.21 331	Iamb	Iamb	16 04 28.4									
INTR	Introdacqua	86.43 350	Iamb	Iamb	16 04 48.2									
SDDR	Presas de Saban	86.47 64	Iamb	Iamb	16 04 29.9									
MVO	Moncorvo	87.83 5	eP	P	16 04 34.4	0.0								
WRKA	Warakama	88.53 226	P	P	16 04 36.3	-1.4								
MTE	Manteigas	88.56 6	eP	P	16 04 38.0	0.0								
PCAS	Casimiro, Conde	88.84 7	eP	P	16 04 39.0	-0.1								
URZ	Urewhera	89.09 192	LR	LR	16 39 44.8									
PCBR	Castelo Branco	89.12 6	eP	P	16 04 40.2	-0.3								
PSARD	Sardoal	89.31 6	eP	P	16 04 41.1	-0.3								
STKA	Stevens Creek	89.40 212	P	P	16 04 42.9	+1.3								
STKA	comp=Z.5.9nm,2.1s			P	16 04 41.7	+0.1								
STKA	comp=Z.5.2nm,1.0s,baz=318,slo=5.4,SNR=7.0			LR	16 43 03.9									
STKA	comp=Z.2.31nm,1.0s,baz=233,slo=34			LR	16 43 03.9									
CSS	Mathiatis	89.40 333	Iamb	Iamb	16 04 43.7									
CSS	Mathiatis	89.40 333	P	P	16 04 42.8	+0.9								
ESDC	Sonsecarra	89.46	P	P	16 04 40.4	-1.8								
ESDC	comp=Z.5.4nm,1.2s,baz=352,slo=5.8,SNR=1.0			LR	16 46 59.9									
ECPR	comp=Z.10.6nm,18.5s,baz=3.5,slo=37			LR	16 04 44.7									
ECPR	comp=Z.5.4nm,1.2s			Iamb	16 04 44.7									
ECPR	Experimental S	89.75 61	Iamb	Iamb	16 04 44.7									
SJG	San Juan	90.03 61	LR	LR	16 49 28.7									
SJG	comp=Z.1.9nm,18.3s,baz=216,slo=38			LR	16 49 28.7									
PESTR	Estraboz	90.28 282	LR	LR	16 48 01.6	-0.1								
PALK	Pallekele	90.28 282	LR	LR	16 48 01.6	-0.1								
MMAI	Mount Meron Ar	90.61 231	P	P	16 04 47.7	+0.1								
MMAI	comp=Z.2.1nm,0.7s,baz=6.3,slo=5.1,SNR=4.7			LR	16 49 52.6									
MMAI	comp=Z.1.79nm,21.6s,baz=1.4,slo=38			LR	16 49 52.6									
MMAI	comp=Z.2.1nm,0.7s			LR	16 49 52.6									
PBAR	Barrancos	90.61 6	eP	P	16 04 48.2	-0.2								
VAE	Valguarnera	90.64 348	LR	LR	16 52 53.4									
PBEJ	Beja	90.90 6	eP	P	16 04 49.5	+0.7								
ASF	Jabal al Asfar	90.92 330	LR	LR	16 51 32.3									
ICVE	Anoyia	91.20 34	LR	LR	16 50 31.9									
PCVE	Castro Verde	91.28 6	eP	P	16 04 50.7	+0.1								
BALJ	Balqa	91.40 330	Iamb	Iamb	16 04 52.5									
EIL	Eilat	93.86 330	LR	LR	16 53 54.1									
SDV	Santo Domingo	94.91 69	LR	LR	16 49 46.5									
MDT	Midelt	96.28	LR	LR	16 46 59.0									
RPN	Rapa Nui	99.51 122	LR	LR	16 40 02.5									
TORD	Tordi Ar Be	115.94 358	PKP	PKP	16 10 27.3	-0.8								
TORD	comp=Z.0.7nm,0.6s,baz=295,slo=1.7,SNR=5.1			P	18 23 56.1									
H03N2	Juan Fernandez	121.72 105	T	T	18 23 56.5									
H03N1	Juan Fernandez	121.74 105	T	T	18 23 52.1									
H03N3	Juan Fernandez	121.74 105	T	T	18 23 55.5									
DBFC	Dimbokro	122.23 6	PKP	PKP	16 10 39.6	-0.6								
DBFC	comp=Z.3.3nm,0.8s,baz=289,slo=3.6,SNR=9.3			P	16 10 50.4	-0.5								
B102	San Fabin de	128.55 103	PKP	PKP	16 10 51.9	+0.2								
CPUP	Villa Florida	130.28 63	PKP	PKP	16 10 54.8	-0.4								
ABPO	Ambohijom	131.09 293	PKP	PKP	16 10 42.7									
ABPO	comp=Z.1.1nm,0.5s,baz=295,slo=2.9,SNR=3.8			P	16 10 42.7									
ABPO	comp=Z.2.57nm,0.7s,baz=46,slo=3.4,SNR=4.3			P	16 10 42.7									
ABPO	comp=Z.2.6nm,0.9s,baz=266,slo=4.3,SNR=5.9			PKP	16 14 20.3	+0.7								
PLCA	Paso Flores	131.54 293	PKP	PKP	16 10 58.0	-0.2								
PLCA	comp=Z.2.0nm,1.0s,baz=12,slo=6.9,SNR=3.7			P	16 11 13.7	0.0								
QSPA	South Pole Qui	140.92 180	PKP	PKP	16 11 13.7	0.0</								

27d 16h

Table with columns: XAN, CMAR, HILR, YAK, HEH, LBTB, SEY, MA2, TOLK, CCB, YKA, M30M, SUA, SIJI, PDAR. Includes station names, coordinates, and times.

JMA 27 16:12:31.1±0.1, 22°6N, 0°9'12"1E, h42km, 1km, M3.8/14, TAIWAN REGION

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations from MASBT to WHYT.

2020 JAN

Main station list table with columns: EHY, EHY, LAY, WDJT, LYUB, LYUB, HGSD, SSSL, SSSL, SSSL, SSSL, VVWD, WNT, VCHM, VCHM, WTCCT, SMLT, SMLT, EGPH, WRL, WRL, YUCH, YUCH, WARB, PHUB, PHUB, PNG, ESL, ESL, OWD, CWD, WUSB, WUSB, WCH1, WCH1, WCH2, WCH2, WCH3, WCH3, WCH4, WCH4, WCH5, WCH5, WCH6, WCH6, WCH7, WCH7, WCH8, WCH8, WCH9, WCH9, WCH10, WCH10, WCH11, WCH11, WCH12, WCH12, WCH13, WCH13, WCH14, WCH14, WCH15, WCH15, WCH16, WCH16, WCH17, WCH17, WCH18, WCH18, WCH19, WCH19, WCH20, WCH20, WCH21, WCH21, WCH22, WCH22, WCH23, WCH23, WCH24, WCH24, WCH25, WCH25, WCH26, WCH26, WCH27, WCH27, WCH28, WCH28, WCH29, WCH29, WCH30, WCH30, WCH31, WCH31, WCH32, WCH32, WCH33, WCH33, WCH34, WCH34, WCH35, WCH35, WCH36, WCH36, WCH37, WCH37, WCH38, WCH38, WCH39, WCH39, WCH40, WCH40, WCH41, WCH41, WCH42, WCH42, WCH43, WCH43, WCH44, WCH44, WCH45, WCH45, WCH46, WCH46, WCH47, WCH47, WCH48, WCH48, WCH49, WCH49, WCH50, WCH50, WCH51, WCH51, WCH52, WCH52, WCH53, WCH53, WCH54, WCH54, WCH55, WCH55, WCH56, WCH56, WCH57, WCH57, WCH58, WCH58, WCH59, WCH59, WCH60, WCH60, WCH61, WCH61, WCH62, WCH62, WCH63, WCH63, WCH64, WCH64, WCH65, WCH65, WCH66, WCH66, WCH67, WCH67, WCH68, WCH68, WCH69, WCH69, WCH70, WCH70, WCH71, WCH71, WCH72, WCH72, WCH73, WCH73, WCH74, WCH74, WCH75, WCH75, WCH76, WCH76, WCH77, WCH77, WCH78, WCH78, WCH79, WCH79, WCH80, WCH80, WCH81, WCH81, WCH82, WCH82, WCH83, WCH83, WCH84, WCH84, WCH85, WCH85, WCH86, WCH86, WCH87, WCH87, WCH88, WCH88, WCH89, WCH89, WCH90, WCH90, WCH91, WCH91, WCH92, WCH92, WCH93, WCH93, WCH94, WCH94, WCH95, WCH95, WCH96, WCH96, WCH97, WCH97, WCH98, WCH98, WCH99, WCH99, WCH100, WCH100.

1952

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists stations from BNDI to SIJI.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like SIJI Sorong, SWI Ambon, KWI Kaimana, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like SJA 27 16:34:46.3, RTLS Leoncito, ZON Zonda, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like MT13 Chepes, ACHE Chepes, AGUA GUANDACOL, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like IDC 27 16:39:13.9, JAY Jayapura, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like IDC 27 16:43:49.4, PMG Port Moresby, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like IDC 27 16:44:05.5, NIUE Niue, DZM Mount Dzumac, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like MIAR Mount Ida, TDK Taldyqorghhan, ARXS Arhaly, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residuals. Includes stations like SHLS Shalkode, SATY Saty, KTBS Kotyrbulak, etc.

SOME 27 16:58:02.8, 44.78N-78.78E, h20km
NIC 27 16:58:02.8, 0.3, 44.78N-78.80E, h0km, mb3.9, mpv3.7,
Error ellipse: s-maj=2.8km s-min=2.4km az=121.0
ISC 27 16:58:01.7, 1.2, 44.82N-0.02, 78.80E-0.02, h0km, 11km,
n44, c087177, 10C-7D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Cabo Rojo, Cerrillos, Las Mesas, Utuado, Puerto Rico, etc.

TEH 27 18:36:34.7, 34.97N:46.08E, h10km, ML2.8, Presumed earthquake

ISN 27 18:36:35.7, 2.2, 34.89N:46.03E, h18km, 4.1km, ML2.8

ISC 27 18:36:34.7, 1.1, 34.97N:46.08E, 0.06, h10km, n5, 0.80/8, Western Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Dehrash, Sonqor, Kirkuk, etc.

NEIC 27 18:42:12.6, 1.6, 17.28S:0.07, 16E:0.1, h35km, 2km, mb4.5/8, Error ellipse: s-maj=20.9km s-min=11.3km az=73.0

NOU 27 18:42:12.2, 17.28S:168.13E, h32km, MLv4.3/20, Vanuatu Islands

IDC 27 18:42:15.9, 13.0, 17.58S:166.96E, h0km, mb4.0/4, mbtmp4.0/5, ML3.9/1, Error ellipse: s-maj=230.1km s-min=36.0km az=67.0

ISC 27 18:42:12.9, 1.0, 17.34S:0.05, 167.97E:0.07, h35km, n32, r141/34, mb4.2/7, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Devils Point, Rentapao, Sarautou, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Warramunga Arr, Warramunga Arr, Warramunga Arr, etc.

RSPR 27 18:52:20.1, 17.94N:66.81W, h14km, MD2.6/5

NEIC 27 18:52:19.7, 1.2, 17.91N:0.03, 66.794W:0.007, h10km, 1km, ML2.7/33, Md2.6/5(RSPR), 1C-6D, Error ellipse: s-maj=5.4km s-min=2.4km az=0.0, Puerto Rico

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Guanica, Bosqu, Obispo Ponce, etc.

ISK 27 18:58:02.1, 38.42N:39.15E, h5km, ML3.5/11

AFAD 27 18:58:03.0, 38.42N:39.17E, h13km, 1km, MW3.5

ISC 27 18:58:02.8, 0.9, 38.41N:0.03, 39.16E:0.02, h9km, 7km, n26, 0.90/39, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for SVRC, Elzazig, Maden, etc.

IDC 27 19:13:21.5, 0.4, 6.21S:152.53E, h0km, mb5.0/27, mbtmp5.0/28, ML3.3/2, MS3.9/56, Error ellipse: s-maj=15.2km s-min=11.4km az=86.0

NEIC 27 19:13:23.2, 1.7, 6.20S:0.05, 152.50E:0.07, h6km, 3km, mb5.4/30, MW5.0/25, Error ellipse: s-maj=10.4km s-min=7.4km az=92.0

NEIC 27 19:13:23.9, 6.20S:152.71E, h12km, Moment Tensor Solution, Duration: 188 Moment tensor: Scale 10^16Nm; M=4.0; M2=3.7; M3=0.43; M4=0.71; M5=1.37; Fault plane solution: Mw4.1, 1100x1016 Np1.0, 87.51000, 343.91000, -112.78000. NP2: 297.75000, 650.25000, -1.69.55000. Principal axes: T 3.7500, Plg3.0000, Azm13.0000; N 0.6399, Plg16.0000; Azm104.0000; P -4.3888, Plg74.0000, Azm72.0000;

NEIC 27 19:13:23.9, 1.0, 6.17S:152.46E, h19km, mb5.5/52, Error ellipse: s-maj=8.5km s-min=6.1km az=115.9

GCMT 27 19:13:25.8, 0.1, 6.33S:0.01, 152.59E:0.02, h12km,

MW5.0/126, Moment Tensor Solution. s62.c76; s126.c76; Duration: 0 Moment tensor: Scale 10^16Nm; M=4.0; M2=0.7; M3=0.44; M4=0.06; M5=0.74; M6=1.1; M7=1.1; M8=0.45; M9=0.38; M10=0.31; Best double couple: Mw4.59100x1016 Np1.0, 282.00000, 839.00000, -1.82.00000. NP2: 92.00000, 652.00000, -1.96.00000. Principal axes: T 4.2230, Plg7.0000, Azm187.0000; N 0.7330, Plg5.0000, Azm96.0000; P -4.9600, Plg82.0000, Azm329.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Bu 27 19:13:25.2, 5.98S:152.59E, h31km, mb5.4/23, mb5.0/70, Ms4.8/7, Ms7.4/5.9

DJA 27 19:13:26.3, 0.5, 6.14S:152.2E, h35km, 3km, MS.2/47, mb5.3/47, mb5.6/16, MLV5.5/1, Mw(mB)5.1/16, Mw(Mwp4.7/1), Mw(p5.0/1)

ISC 27 19:13:25.4, 0.6, 6.17S:0.04, 152.47E:0.04, h25km, 4km, n810, 0.1s/3/654, mb5.3/302, MS4.0/57, 8C-2DZ, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Rabaul, Kimbe, Port Moresby, etc.

27d 19h

Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like FALS False Pass, TLY Talaya, IRK Irkutsk, etc.

2020 JAN

Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like M18K Stony River, J17K VABM Dome, N19K Bonanza Creek, etc.

1958

Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like MAKZ, ALCI Alchi Leh, KTH Kantishna Hill, SML Sawmill, etc.

1959

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

2020 JAN

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like C24K, YUK4, USP, etc.

27d 19h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like EPYK, KBL, KBL, etc.

27d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BC3 Big Chuckawall, ELIB Princess Elisa, PRN Pahroc Range, ELK Elko, V12A Nelson, PSUT Pine Spring, YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, CCUT Cedar City, LCMT Little Creek M, ARTI Arti, ARTI Arti, ARTI Arti, AKTO Aktyubinsk, U15A North Rim, MTPU Mount Pierson, YHL Hebgen Lake, LPIG La Paz, PDAR Pinedale Array, PDAR Pinedale Array, TXAR Lajitas Array, TXAR Lajitas Array, FINES FINESS Array B, AKASG Malin Array Be, AKASG Malin Array Be, BRTR Keskin Array B, HFS Hagfors, NOA NORSTAR Array B, BOSHA Boshof, PLCA Paso Flores, NS3A Lisibon, LANS Liptovska Anna, LANS Liptovska Anna, MODS Modra-Piesok, MODS Modra-Piesok, CLL Collm, CLL Collm, GERES GERES Array B, STA STALIGAL, EKA Eskdalemuir Ar, LPAZ La Paz, LPAZ La Paz, CPUP Villa Florida, ESDC Souda, PBAR Barrancos, PBEJ Beja, MESJ Mesejana, PVAO Vaqueros, TAM Tamnasset, TAM Tamnasset, MBFL Flemmings, Mon, ANWB Willy Bob, DHWS Broadband at M, ATGZ Broadband at L, MMLZ Guadeloupe Bro, CBE Ff, Capester, TBG Guadeloupe-3, DLSB Salisbury, MAGL Barre de l'ile, DS2D La Diserads, G, GDSD La Disirads le, BIM Bigot, BIM Bigot, MD31 MD31, SVB Belmont, TTP Pointe-a-Pierr, SLBI Saint Lucia, B, TRN Trinidad (W), SOAC Saint Lucia, A, BOA Boa Vista, BDBF Brasilia, BDBF Brasilia, TORO Torodi Ar, TORO Torodi Ar, DBIC Dimbokoro, DBIC Dimbokoro.

2020 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KOVA Elazig, KOVA Kovanc, DYBB Diyarbakir, DYBB Diyarbakir, ILIC ilic-Erzincan, ILIC ilic-Erzincan, ERZN Erzin, ERZN Erzin, GAZ Gaziantep, GAZ Gaziantep, KMRS Kahramanmaraş, KMRS Kahramanmaraş, BNGB Bingli, BNGB Bingli, YEDI Yedisu-Bingol, YEDI Yedisu-Bingol, SVAN Silvan-Diyarba, SVAN Silvan-Diyarba, BAYT Aydinates-Bayb, BAYT Aydinates-Bayb, GURO Guromyak-BITLI, GURO Guromyak-BITLI.

1960

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EMPR Esperanza - Ma, EMPR Esperanza - Ma, EMPR Esperanza - Ma, SJG San Juan, SJG San Juan, SJG San Juan, GCPP Guaynabo City, GCPP Guaynabo City, GCPP Guaynabo City, HUMP Col San Antoni, HUMP Col San Antoni, HUMP Col San Antoni, SVRC Sivrice-ELAZID, SVRC Sivrice-ELAZID, ELZG Elazig, ELZG Elazig, ELZG Elazig, MADN Maden, MADN Maden, MADN Maden, KOVA Elazig, KOVA Elazig, KOVA Elazig, MAYA Malatya/Merkez, MAYA Malatya/Merkez, MCKZ Bingol, MCKZ Bingol, MCKZ Bingol, INCI Injil-Erzincan, INCI Injil-Erzincan, INCI Injil-Erzincan, ERZN Erzin, ERZN Erzin, ERZN Erzin, BNGB Bingli, BNGB Bingli, BNGB Bingli, YEDI Yedisu-Bingol, YEDI Yedisu-Bingol, YEDI Yedisu-Bingol, SVAN Silvan-Diyarba, SVAN Silvan-Diyarba, SVAN Silvan-Diyarba, KARO Karlova-Bingol, KARO Karlova-Bingol, VRTB Varto-Muso, VRTB Varto-Muso, GAZ Gaziantep, GAZ Gaziantep, KMRS Kahramanmaraş, KMRS Kahramanmaraş, BAYT Aydinates-Bayb, BAYT Aydinates-Bayb, GURO Guromyak-BITLI, GURO Guromyak-BITLI.

Table with columns: YER, YER, DALY, etc. and rows listing various stations and their coordinates. Includes sub-sections like 'Nou 27:20:26:59.5, 10:15S:160:91E, h0km, mb4.8/12, Solomon Islands' and 'CARN Rivas 0.20 121 P Pn'.

Table with columns: MESS, NANN, NANN, etc. and rows listing various stations and their coordinates. Includes sub-sections like 'IDC 27:20:45:55.1, 1.0, 6.2S:125:31E, h0km, mb3.2/4' and 'NEIC 27:20:57:05.7, 1.3, 5.4S:107:150E, h150km, 6km'.

Table with columns: MBWA, PSA00, PSA00, etc. and rows listing various stations and their coordinates. Includes sub-sections like 'IDC 27:20:57:05.6, 0.8, 3.0:81N:69:73E, h0km, mb4.1/26' and 'IDC 27:20:57:52.2, 1.7, 3.0:96N:109:69E, h23km, mb4.5/13, Error ellipse: s-maj=8.8km s-min=4.8km az=85.4'.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like ELZG Elazig, SVRC Sivrice-ELAZID, ELZG Elazig, etc.

NEIC 27.21:06.44.8.0.9, 17.93N.0.03:66.847W.0.009, h10km, 1km, ML3.2/37, MD3.4/77(RSPR), Error ellipse: s-maj=4.3km s-min=2.6km az=171.0

RSPR 27.21:06.44.7.19.91N.66.86W, h9km, MD3.4/77, OSPL 27.21:06.45.0.0.5, 17.90N.66.86W, h14km, 6km, ML2.7, Presumed earthquake

SDD 27.21:06.45.2.2.3, 17.93N.66.86W, h12km, 22km, MD3.5, ML2.9, MW3.1, Presumed earthquake

ISC 27.21:06.44.5.0.9, 17.93N.0.04:66.84W.0.02, h1km, 5km, n43, e050/79, 10C-11D, Puerto Rico region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like GBPR Guanica, Bosqu, GBPR Guanica, Bosqu, MLPR Magueyes Islan, etc.

Table with columns: SMRT, St. Maarten, 3.59 87 Ph, Pn, 21 07 39.6 -0.4, GDBS Morne Mazeau, 5.13 108 Ph, Pn, 21 08 02.7 +1.5, ABD La Joyeuse, An, 5.32 105 Ph, Pn, 21 08 03.6 -0.1

SNET 27.21:16.31.9.0.9, 13.21N:90.10W, h26km, 5km, ML3.1, Presumed earthquake

GCG 27.21:16.34.1.1.4, 13.48N:90.16W, h12km, 30km, MD3.6, ML3.4, Presumed earthquake

ISC 27.21:16.28.4.2.7, 13.11N.0.1:90.13W.0.07, h10km, n19, e25/123, Near coast of Guatemala

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like JAYA Jayaque -finc, JAYA Jayaque -finc, NUBE Las Nubes, etc.

ESSG comp-N, 2um, 0.3s Sabana Grande 1.48 333 I P Pn 21 16 54.0 -1.2

ESSG comp-E, 287nm, 0.2s MTO3 Montecristo 1.52 29 eP Pn 21 16 56.0 +0.1

MTO3 Montecristo 1.52 29 I P Pn 21 16 56.1 +0.2

POSS Presca 15 de Se 1.62 70 eP Pn 21 16 51.8 -5.3

POSS TECA Teca 1.64 75 eP Pn 21 16 58.7 +1.2

PACA Pacayal 1.80 77 eP Pn 21 17 00.8 +1.1

PACA comp-Z, 198nm, 0.2s APG El Apazote 1.96 350 I P Pn 21 17 03.0 +1.1

MDD 27.21:16.32.2.0.9, 28.225N:16.68W, h14km, 6km, mb_L59.2/10, Error ellipse: s-maj=5.0km s-min=3.9km

az=159.0, Canary Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like CCHO La Orotava (Te), CCHO La Orotava (Te), CPVI La Orotava (Te), etc.

ISC 27.21:18.20.7.1.7, 49.31S:124.95E, h0km, mb4.1/7, mbmp4.1/8, ML1.7/1, MS3.6/15, Error ellipse: s-maj=49.1km s-min=36.7km az=136.0

ISC 27.21:18.21.8.1.6, 49.45S:124.9E.0.3, h10km, n28, e056/11, mb4.0/6, MS3.6/15, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, etc.

Table with columns: H10S2 ASCENSION HYDR12.01 224 T T 23 39 29.9, H10S3 ASCENSION HYDR12.02 224 T T 23 39 33.3

ILAR Eielson Array 132.43 35 PKP PKPdf 21 37 55.1 +0.1

YKA Yellowknife Ar 145.49 45 PKP Pbc 21 37 58.8 -0.3

EKA Ekadlemuir Ar 148.36 30 PKP Pbc 21 38 06.4 -1.0

IDC 27.21:31.06.5.1.4, 9.67S:161.04E, h0km, mb3.8/7, mbmp3.8/7, Error ellipse: s-maj=44.0km s-min=21.2km az=168.0

ISC 27.21:31.12.7.2.1, 9.9S:0.4:161.2E.0.3, h50km, n15, e110/8, mb3.5/7, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, WRA Warrungarra Arr, H11S2 WAKE ISLAND Hy, etc.

H11S3 WAKE ISLAND Hy 28.71 11 T T 22 06 01.7

H11S1 WAKE ISLAND Hy 28.72 11 T T 22 06 03.8

H11N1 WAKE ISLAND Hy 29.93 11 T T 22 07 34.0

H11N3 WAKE ISLAND Hy 29.94 11 T T 22 07 29.2

H11N2 WAKE ISLAND Hy 29.95 11 T T 22 07 27.3

FITZ Fitzroy Crossi 70.75 314 P P 21 42 24.3 0.0

LZDM Lanzhou Array 70.75 314 P P 21 42 24.3 0.0

SONM Songmin Array 75.14 325 P P 21 42 49.4 -0.4

ILAR Eielson Array 83.88 20 P P 21 43 37.4 +0.6

MKAR Makarandi Array 89.64 318 P P 21 44 04.9 -0.4

YKA Yellowknife Ar 96.00 28 P P 21 44 33.9 -0.3

BRTR Keskin Array B 124.88 312 PKP PKPdf 21 50 08.0 +0.2

WEL 27.21:32.59.4.1.4, 34.5S:17.17E.1.9, h212km, 43km, M3.6/7, mb3.7/1, ML3.4/6, MLV3.6/7, Mw(mb)32.7/1, Error ellipse: s-maj=29.2km s-min=16.3km az=48.9, confirmed, South of Kermadec Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KUZ Kuaotunu, HAZ The Kaha, RUGZ Raukumara Rang, etc.

IDC 27.21:44.59.3.2.0, 3.19N:127.69E, h0km, mb3.3/5, mbmp3.4/5, MS3.1/2, Error ellipse: s-maj=140.0km s-min=21.1km az=71.0, Talaud Islands

FITZ Fitzroy Crossi 21.25 185 P P 21 49 47.5 +0.3

WRA Warrungarra Arr 23.90 164 P P 21 50 14.4 -0.5

ASAR Air Springs 27.37 168 P P 21 50 46.6 +0.1

MKAR Makarandi Array 58.54 325 P P 21 54 57.6 -0.1

YAK Yakutsk 58.72 1 LR LR 22 22 35.3

MA2 Magadan 59.00 13 LR LR 22 20 24.6

KURBS Kurchatov Arr 62.70 327 P P 21 55 26.2 +0.2

IDC 27.21:51.2.1.1, 25.08S:179.63E, h512km, 14km, mb3.4/8, mbmp4.3/9, Error ellipse: s-maj=31.3km s-min=12.1km az=159.0

NOU 27.21:51.22.2.05:35:179.87E, h537km, MLV4.7/9, South of Fiji Islands

NEIC 27.21:52.2.2.0, 25.0S:0.1:179.69E.0.10, h519km, 7km, mb4.4/35, Error ellipse: s-maj=21.5km s-min=6.5km az=147.0

ISC 27.21:51.20.9.0.4, 25.14S:0.06:179.60E.0.07, h507km, n105, e196/117, mb4.3/26, South of Fiji Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, GLKZ Green Lake, MSVF Nonvau, etc.

Table of station data for 27d 22h, including station names, coordinates, and various parameters like SNR and elevation.

Table of station data for 2020 JAN, including station names, coordinates, and various parameters like SNR and elevation.

Table of station data for 1964, including station names, coordinates, and various parameters like SNR and elevation.

ellipse: s-maj=1.1km s-min=1.0km az=163.0
BNS 27 22:05:41.3, 0.7, 48:30N-8:95E, 1h0km, 3km, ML2.9
PRU 27 22:05:47.3, 48:28N-9:42E, h0km
ISC 27 22:05:38.9, 0.7, 48:304N, 01010:8, 941E, 01009,
h18km, 2km, n333, 1936/604, 88C-73D, Germany

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station identifiers like ONST, BALG, JUNG, etc.

Table with columns: METMA, Station Name, Az, Phase ID, Time, Res, and various station identifiers like METMA, Feldberg im Sc, Kirchzarten, etc.

Table with columns: GRC2, Station Name, Az, Phase ID, Time, Res, and various station identifiers like NALPS, GMS01, MOTA, etc.

27d 22h

ABTA	0.9nm,0.2s	ePg	Pg	22 06 35.2 +1.2
ABTA	6.2nm,0.3s	eSg	Pg	22 07 10.8 -0.6
HOBG	52nm,0.4s	2.88 339 ePn	Pn	22 06 25.9 +2.0
HOBG	62nm,0.5s	2.91 325 ePn	Pn	22 06 56.1 +1.8
KLL	Kallaisperre	2.92 36 ePn	Pn	22 07 24.4 0.0
MOX	Moxa	2.92 36 ePn	Pn	22 07 11.1 -1.6
KASTN	Kahler Asten	2.92 354 ePn	Pn	22 06 26.4 +1.8
KASTN		2.92 354 eSg	Pg	22 07 14.3 +1.6
BTNL	Ternelle	2.93 322 dP	Pn	22 06 27.1 +2.5
DREG	Dreilagerbach	2.95 324 ePn	Pn	22 06 27.1 +2.2
MEM	Membach	3.00 321 dS	Pn	22 06 27.7 +0.8
MEM	Membach	3.00 321 dP	Pn	22 06 27.9 +2.4
NKC	Novy Kostel	3.00 49 ePg	Pg	22 06 36.7 +0.3
NKC		3.00 49 eSg	Pg	22 07 13.7 -1.6
RCHB	Rochefort	3.06 309 dS	Sn	22 07 02.2 -0.2
RCHB	Rochefort	3.06 309 dP	Pn	22 06 29.2 +2.9
RSL	Roselend	3.06 212 ePn	Pn	22 06 27.2 +0.7
LSD	Lago del Serru	3.10 204 lPn	Pn	22 06 29.2 +2.0
BSSTI	Sart Tilman	3.17 317 dP	Pn	22 06 30.3 +2.4
LPL	La Plagne	3.17 209 ePn	Pn	22 06 39.4 +1.3
LPL		3.17 209 ePg	Pg	22 06 40.2 +0.5
LPL		3.17 209 eSg	Pg	22 07 21.9 +1.0
KHC	55nm,0.4s	3.18 73 ePn	Pn	22 06 29.7 +1.6
KHC	Kasperske Hory	3.18 73 dP	Pn	22 06 30.1 +0.1
KHC		3.18 73 eSg	Sn	22 07 05.7 +0.1
KHC		3.18 73 eSg	Sg	22 07 20.3 -0.7
BCLA	Clavier	3.18 313 dS	Sn	22 07 03.7 -1.9
BCLA	Clavier	3.18 313 dP	Pn	22 06 31.1 +3.0
LPG	La Plagne	3.18 209 ePn	Pn	22 06 41.5 +1.6
LPG		3.18 209 ePg	Pg	22 07 24.6 +3.4
GEC2	90nm,0.7s	3.21 79 ePn	Pn	22 06 30.2 +1.7
GEC2	GERESS Array S	3.21 79 ePg	Pg	22 06 40.3 0.0
GEC2		3.21 79 eSg	Pg	22 07 21.5 -0.4
BIOA	Bad Ischl, Aus	3.21 99 i Pn	Pn	22 06 31.0 +2.5
BIOA		3.21 99 ePg	Pg	22 06 40.6 +0.2
BIOA	36nm,0.3s,SNR=19	3.21 99 eSg	Pg	22 07 22.1 0.0
KBA	81nm,0.4s	3.22 111 i Pn	Pn	22 06 32.0 +3.3
KBA	Koelnbreinsper	3.22 111 ePg	Pg	22 06 40.5 -0.1
KBA	1.2nm,0.1s	3.22 111 eSg	Pg	22 07 21.1 -1.2
KBA	20nm,0.3s,SNR=10	3.22 111 eSg	Pg	22 07 21.1 -1.2
GIVF	36nm,0.4s	3.25 305 ePn	Pn	22 06 31.8 +2.9
GIVF	Givet	3.25 305 ePg	Pg	22 06 41.5 +0.4
GIVF		3.25 305 eSg	Pn	22 07 05.8 -1.3
GIVF		3.25 305 eSg	Pg	22 07 21.9 -1.2
BGES	99nm,0.3s	3.27 311 dS	Sn	22 07 06.6 -1.1
BGES	Gesves	3.27 311 dP	Pn	22 06 32.4 +3.1
BEBN	Eben Emael	3.28 321 dS	Sn	22 06 52.4 -1.5
BEBN	Eben Emael	3.28 321 dP	Pn	22 06 32.3 +3.0
DOUB	Dourbes	3.37 304 dS	Sn	22 07 09.4 -0.7
DOU	Dourbes	3.37 304 dP	Pn	22 06 33.5 +2.9
BAIF	Baives	3.57 301 ePn	Pn	22 06 36.2 +2.9
BAIF		3.57 301 eSg	Pg	22 07 31.9 -1.5
LOR	50nm,0.3s	3.58 255 ePn	Pn	22 06 32.6 -1.0
LOR	Lormes	3.58 255 ePg	Pg	22 06 47.2 -0.3
LOR		3.58 255 eSg	Pn	22 07 14.4 -1.0
LOR	baz=76	3.58 255 eSg	Pg	22 07 33.7 -0.1
MOA	51nm,0.2s	3.60 95 i Pn	Pn	22 06 36.2 +2.4
MOA	Molln	3.60 95 ePg	Pg	22 06 47.7 -0.2
MOA	18nm,0.3s,SNR=8.2	3.60 95 i Sg	Sn	22 07 17.6 +1.7
MOA	2.7nm,0.1s	3.60 95 eSg	Pg	22 07 34.5 0.0
MYKA	11nm,0.2s	3.60 116 i Pn	Pn	22 06 37.4 +3.5
MYKA	Terra Mystica	3.60 116 eSg	Pg	22 07 33.7 -0.8
CKRC	19nm,0.4s	3.60 80 ePn	Pn	22 06 35.7 +1.8
CKRC	Cesky Krumlov	3.60 80 ePg	Pg	22 06 47.1 -0.8
CKRC		3.60 80 eSg	Pn	22 07 33.5 -1.1
ZVC	comp=Z,51nm,0.4s	3.65 70 ePg	Pg	22 06 47.9 +0.9
ZVC	Zvikov	3.65 70 eSg	Pg	22 07 33.9 -2.1
CLZ	comp=Z,29nm,0.3s	3.66 14 ePn	Pn	22 06 34.5 -0.1
CLZ	Clausthal	3.66 14 ePg	Pg	22 06 50.3 +1.3
CLZ		3.66 14 eSg	Pn	22 07 34.5 -1.8
HSKC	38nm,0.2s	3.73 50 ePg	Pg	22 06 50.1 -0.2
HSKC	Hora Svate Kat	3.73 50 eSg	Pg	22 07 37.4 -1.2
ROBS	38nm,0.2s	3.73 122 i Pn	Pn	22 06 39.8 +4.2
SMF	Signal de Mont	3.84 246 ePn	Pn	22 06 36.8 -0.3
SMF		3.84 246 ePg	Pg	22 06 52.8 +0.4
SMF		3.84 246 eSg	Pg	22 07 41.4 -0.7
SSF	38nm,0.2s	3.88 253 ePn	Pn	22 06 37.4 -0.2
SSF	Saint Saulge	3.88 253 ePg	Pg	22 06 53.0 -0.1
SSF		3.88 253 eSg	Pg	22 07 42.2 -1.1
MBDF	56nm,0.4s	3.88 204 ePn	Pn	22 06 38.0 +0.2
MBDF	Montbardon	3.88 204 ePg	Pg	22 06 53.2 0.0
MBDF		3.88 204 eSg	Pg	22 07 43.6 +0.1
ORIF	60nm,0.6s	3.99 213 ePn	Pn	22 06 39.4 +0.1
ORIF	Oris-en-Rattie	3.99 213 ePg	Pg	22 06 54.8 -0.5
ORIF		3.99 213 eSg	Sn	22 07 23.9 -1.7
ORIF		3.99 213 eSg	Pg	22 07 46.4 -0.6
CLL	54nm,0.4s	3.99 40 ePn	Pn	22 06 39.3 +0.1
CLL	Collm	3.99 40 ePg	Pg	22 06 55.2 -0.2
CLL		3.99 40 eSg	Pn	22 07 45.1 -2.0
CLL		3.99 40 eSg	Pg	22 07 45.0 -2.1
CLL	comp=Z,83nm,0.5s	3.99 40 ePn	Pn	22 06 39.0 -0.2
CLL	Collm	3.99 40 eX	Pn	22 06 46.0 0.0
CLL	Collm	3.99 40 ePg	Pg	22 06 55.0 -0.4
CLL	Collm	3.99 40 i X	Pn	22 06 56.8 0.0
CLL	Collm	3.99 40 eX	Pn	22 07 33.0 0.0
PRU	3.99 40 eX	3.99 40 ePg	Pg	22 06 54.5 -1.8
PRU	Pruhonice	3.99 40 eSg	Pn	22 07 46.3 -2.4
AVF	comp=Z,42nm,0.4s	4.08 250 ePn	Pn	22 06 40.5 +0.1
AVF	Avril sur Loir	4.08 250 ePg	Pg	22 06 57.4 +0.4
AVF		4.08 250 eSg	Sn	22 07 26.0 -1.6
AVF		4.08 250 eSg	Pg	22 07 49.8 -0.9
BRG	comp=Z,27nm,0.4s	4.15 50 ePg	Pg	22 06 58.0 -0.3
BRG	Berggiesshubel	4.15 50 eSg	Pg	22 07 50.4 -1.6
BRG	Berggiesshubel	4.15 50 eSg	Pg	22 06 58.0 -0.3
BRG		4.15 50 eSg	Pg	22 07 50.5 -1.5
BRG		4.15 50 eSg	Pg	22 07 56.4 0.0
OBKA	comp=Z,42nm,0.5s	4.21 113 i Pn	Pn	22 06 44.9 +2.6
OBKA	Obir	4.21 113 ePg	Pg	22 06 59.7 +0.2
OBKA		4.21 113 eSg	Pg	22 07 54.4 +0.4
OBKA		4.21 113 eSg	Pg	22 07 54.4 +0.4
JAVS	comp=Z,74nm,0.9s	4.25 123 i Pn	Pn	22 06 45.9 +3.1
PVCC	Panska Ves	4.29 57 ePg	Pg	22 07 01.0 -0.1
PVCC		4.29 57 eSg	Pg	22 07 55.2 -1.5
HYF	comp=Z,64nm,0.6s	4.37 259 ePn	Pn	22 06 45.1 +0.7
HYF	Humbigny	4.37 259 ePg	Pg	22 07 03.2 +0.6
HYF		4.37 259 eSg	Pn	22 07 53.5 -1.4
HYF		4.37 259 eSg	Pg	22 08 01.2 +2.0
SOKA	comp=Z,304nm,0.3s	4.44 109 i Pg	Pg	22 07 03.6 -0.2
SOKA	Soboth	4.44 109 ePg	Pg	22 07 03.6 -0.2
SOKA		4.44 109 eSg	Pg	22 08 00.2 -1.1
TREC	comp=Z,4.4nm,0.3s	4.44 75 ePg	Pg	22 07 02.4 -1.5
TREC	Trest	4.44 75 eSg	Pg	22 07 58.5 -2.8

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BGF	comp=Z,40nm,0.5s	4.49 249 ePn	Pn	22 06 46.2 +0.1
BGF	Bois d'Angland	4.49 249 ePg	Pg	22 07 05.3 +0.4
BGF		4.49 249 eSg	Pg	22 08 01.8 -1.2
PERF	comp=Z,50nm,0.3s	4.51 109 i Pn	Pn	22 06 48.6 +2.3
PERF	Pernice	4.51 109 ePn	Pn	22 06 45.9 -0.8
VIVF	Saint-Julien-I	4.53 222 ePg	Pg	22 07 04.5 -1.2
VIVF		4.53 222 eSg	Sn	22 07 36.1 -2.8
VIVF		4.53 222 eSg	Pn	22 08 03.3 -1.1
ARSA	comp=Z,48nm,0.4s	4.56 101 i Pn	Pn	22 06 49.2 +2.2
ARSA	Arzberg	4.56 101 ePg	Pg	22 07 04.4 -1.8
ARSA	Rosalia, Austr	4.56 101 eSg	Pg	22 08 02.7 -2.5
ARSA		4.56 101 eSg	Pg	22 07 04.4 -1.8
SBF	comp=Z,13nm,0.4s	4.56 194 ePn	Pn	22 06 45.4 -1.7
SBF	Sospel	4.56 194 ePg	Pn	22 07 39.3 -0.4
SBF		4.56 194 eSg	Pn	22 06 50.5 +2.2
CONA	comp=Z,1.8nm,0.3s	4.65 92 i Pn	Pn	22 06 06.3 -1.7
CONA	Conrad Observa	4.65 92 ePg	Pg	22 07 06.3 -1.7
CONA		4.65 92 eSg	Pn	22 07 42.0 +0.1
CONA	comp=Z,9.3nm,0.3s	4.65 92 i Sg	Sn	22 07 42.0 +0.1
CONA		4.65 92 eSg	Pg	22 08 05.0 -3.1
CONA	comp=Z,24nm,0.4s	4.92 210 ePn	Pn	22 06 52.2 +0.2
CONA	Simiane la Rot	4.92 210 ePg	Pn	22 07 11.9 -1.2
CONA		4.92 210 eSg	Sn	22 07 45.4 -3.1
CONA		4.92 210 eSg	Pg	22 08 15.0 -1.8
RONA	comp=Z,5.6nm,0.5s	4.97 94 i Pn	Pn	22 06 55.0 +2.3
RONA	RONA	4.97 94 ePg	Pg	22 07 13.3 -0.9
RONA		4.97 94 eSg	Sn	22 07 51.3 +1.5
RONA	comp=Z,2.3nm,0.5s	4.97 94 i Sg	Sn	22 07 51.3 +1.5
RONA		4.97 94 eSg	Pg	22 08 18.1 -0.4
KRUC	comp=Z,1.5nm,0.3s	5.00 78 ePn	Pn	22 06 54.2 +1.2
KRUC	Moravsky	5.00 78 ePg	Pn	22 08 17.0 -2.2
KRUC		5.00 78 eSg	Pn	22 06 54.3 +1.2
KRUC		5.00 78 eSg	Pn	22 07 14.3 -0.4
KRUC		5.00 78 eSg	Pn	22 07 47.7 -2.8
KRUC		5.00 78 eSg	Pn	22 08 17.2 -2.3
KRUC		5.00 78 eSg	Pn	22 06 56.8 +1.6
KRUC		5.00 78 eSg	Pn	22 07 15.7 -1.9
KRUC		5.00 78 eSg	Pn	22 08 20.6 -3.7
KRUC		5.00 78 eSg	Pn	22 07 18.0 -1.2
KRUC		5.00 78 eSg	Pn	22 08 23.0 -4.1
LMR	comp=Z,27nm,0.6s	5.25 200 ePn	Pn	22 06 56.6 +0.1
LMR	La Mouri	5.25 200 ePg	Pn	22 07 54.3 -2.3
LMR		5.25 200 eSg	Pn	22 07 22.3 -1.0
ZST	Bratislava	5.45 88 ePg	Pg	22 08 34.5 +0.7
ZST		5.45 88 eSg	Pn	22 06 59.3 -0.8
LASF	Ste Croix	5.51 222 ePn	Pn	22 08 02.7 -2.7
LASF		5.51 222 ePg	Pn	22 08 31.1 -4.5
LASF		5.51 222 eSg	Pn	22 08 37.1 -0.1
LASF		5.51 222 eSg	Pn	22 07 20.7 +1.9
LASF		5.51 222 eSg	Pn	22 07 24.4 -0.9
LASF		5.51 222 eSg	Pn	22 07 02.6 -0.9
LASF		5.51 222 eSg	Pn	22 08 04.1 -5.1
MORC	comp=Z,26nm,0.5s	5.84 72 eSg	Pn	22 08 45.3 -1.1
MORC	Moravsky Berou	5.84 72 ePg	Pn	22 07 05.1 +0.4
MORC		5.84 72 eSg	Pn	22 07 29.4 -2.7
MORC		5.84 72 eSg	Pn	22 08 10.4 -2.5
MORC		5.84 72 eSg	Pn	22 08 45.7 -2.9
RJF	comp=Z,8.4nm,0.3s	5.91 242 ePn	Pn	22 07 07.6 +0.3
RJF	La Druitiere	5.91 242 ePg	Pn	22 07 32.4 -2.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h m s, ISC. Includes stations like 128A, VHRN, DKNS, etc.

IDC 27 22:17:22.66.6.0, 22°61'N, 142°71'E, h253km, 52km, mb3.4/10, mbmp4.0/11, Error ellipse: s-maj=56.1km s-min=12.7km az=73.0

ISC 27 22:17:21.71.5.22, 22°7'N, 142°9'E, 0.4, h250km, n12, a0592/13, mb3.6/10, Volcano Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h m s, ISC. Includes stations like KSR5, LZDM, SONM, etc.

IDC 27 22:31:53.4.2.0, 51°25'N, 179°75'W, h0km, mb3.6/8, mbmp3.7/9, ML3.7/1, MS3.1/2, Error ellipse: s-maj=64.0km s-min=18.2km az=177.0

NEIC 27 22:31:54.0.1.7, 50°50'N, 0.05, 179°79'W, 0.07, h10km, 1km, mb4.0/48, ML3.8/8, ML3.4(AEIC), Error ellipse: s-maj=9.7km s-min=7.5km az=146.9

AEIC 27 22:31:56.1.8.5, 11°04'N, 0.05, 179°50'W, 0.03, h13km, 4km, Error ellipse: s-maj=7.6km s-min=5.2km az=192.0

ISC 27 22:31:54.6.2.5, 50°34'N, 0.08, 179°80'W, 0.12, h14km, 14km, n91, a1508/98, mb3.9/19, Andean/Off Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h m s, ISC. Includes stations like AMKA, GAKI, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h m s, ISC. Includes stations like GAKI, GASW, GALS, etc.

IDC 27 22:38:01.2.6.9, 38°23'N, 73°98'E, h182km, 98km, mb3.3/4, mbmp3.7/6, Error ellipse: s-maj=80.6km s-min=58.2km az=99.0

NIC 27 22:38:01.9.5.6, 38°91'N, 73°16'E, h0km, mb3.0, mpv2.5, Error ellipse: s-maj=44.1km s-min=32.3km az=164.0

ISC 27 22:37:57.0.1.7, 38°44'N, 0.1, 73°36'E, 0.1, h107km, n10, a1926/12, mb3.9/3, 3C-1D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h m s, ISC. Includes stations like AAK, AAK, KK31, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h m s, ISC. Includes stations like TXAR, MKAR, MKAR, etc.

IDC 27 22:44:11.8.38, 18°38'N, 38°68'E, h5km, ML3.5/31, AFAD 27 22:44:12.5.38, 18°38'N, 38°68'E, h7km, 3km, ML3.4

ISC 27 22:44:12.8.1.1, 38°16'N, 0.02, 38°70'E, 0.02, h4km, 11km, n46, a1503/56, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, h m s, ISC. Includes stations like MAYA, MAYA, NARI, etc.

27d 23h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Puerto Leguiza, La Bonita, Otavalo, etc.

ICD 27 23:19:05.2-1.9, 52.88N, 164.75W, h0km, mb3.4/5, mbtm3.4/7, ML3.0/2, Error ellipse: s-maj=44.6km s-min=25.0km az=173.0

NEIC 27 23:19:10.7, 0.2, 53.11N, 0.04, 164.68W, 0.07, h2km, 12km, ML3.3/14, ML3.2(AEIC), Error ellipse: s-maj=7.7km s-min=4.2km az=224.0

AEIC 27 23:19:11.3, 0.3, 53.05N, 0.07, 164.63W, 0.09, h28km, 9km, Error ellipse: s-maj=10.7km s-min=6.6km az=146.0

ISC 27 23:19:09.7-2.7, 53.07N, 0.09, 164.63W, 0.05, h25km, 19km, n34, e18/14/36, mb3.5/5, Unimak Island region

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AKSA, AHB, AKUT, AKBB, etc.

2020 JAN

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SOMA, GORD, STEP, GAMA, etc.

1968

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BZS, BURAR, BUOVINA, etc.

NEIC 27 23:31:25.8, 2.0, 50.90N, 0.05, 179.85W, 0.03, h10km, 1km, mb3.8/13, ML3.6(AEIC), Error ellipse: s-maj=7.9km s-min=3.5km az=183.0

ICD 27 23:31:27.5, 2.0, 51.70N, 0.09, h0km, mb3.8/13, mbtm3.9/14, ML4.2/1, MS3.3/3, Error ellipse: s-maj=52.5km s-min=18.2km az=1.0

AEIC 27 23:31:28.5, 1.6, 51.03N, 0.05, 179.76W, 0.03, h15km, 5km, Error ellipse: s-maj=7.8km s-min=3.1km az=175.0

ISC 27 23:31:28.6, 1.6, 51.1N, 0.1, 179.77W, 0.03, h22km, 11km, n64, e19/67/63, mb3.8/19, Andean/Isolands

Main station list table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AMKA, GAKI, GASW, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, ISC. Rows include ATKA Atka Island, SHEM Shemya Is, Alia, SKT Skwentna, etc.

SDD 28 00:04:29.9±2.5, 17.97N:66.76W, h14km±48km, MD3.6, ML2.6, MW2.9, Presumed earthquake
OSPL 28 00:04:29.6±0.4, 17.95N:66.76W, h12km±3km, ML2.5, Presumed earthquake
NEIC 28 00:04:29.6±1.5, 17.98N:0.02±66.737W:0.009, h10km±1km, ML3.0/33, MD3.6/6(RSPR), Error ellipse: s-maj=4.3km s-min=2.5km az=176.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, ISC. Rows include GBPR Guanica, Bosqu, OBIP Obispado Ponce, MLPR Maguayes Islan, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, ISC. Rows include EMPR Esperanza - Ma, SJJG San Juan, SJJG San Juan, etc.

IDC 28 00:10:35.0±2.4, 59.94N:153.71W, h64km±31km, mb3.5/3, mbmp3.6/6, ML3.4/3, MS3.4/2, Error ellipse: s-maj=35.9km
NEIC 28 00:10:38.6±0.9, 59.82N:0.03±152.98W:0.06, h111km±4km, ML3.2/152, ML3.0(AEIC), Error ellipse: s-maj=4.0km s-min=4.4km az=222.0
AIEC 28 00:10:40.1±0.8, 59.79N:0.03±152.97W:0.07, h104km±2km, Error ellipse: s-maj=5.0km s-min=4.7km az=126.0

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, ISC. Rows include DR12 Loma Pena Alta, MIDR Miches, ILS Iliamna Low So, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res, ISC. Rows include M18K Stony River, M22K Willow, OHAK Old Harbor, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res. Includes stations like DRK Karamyk, KBL Kabil, BTK Balkan, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res. Includes stations like KBZ Khabaz, LZDM Lanzhou Array, SONM Songmo Array, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res. Includes stations like KZN Pramanda, PRMD IGT, IGT Ioumenitsa, etc.

THE 28 00:43:56.8, 40.42N, 0.9:2.1E, h9km, 3km, M2.4/11, MLh2.4/11
ATH 28 00:43:56.0, 40.43N, 20.68E, h16km, 2km, ML2.3/6, Manual Solution by A. Agalos First location: 2020/01/28 00:45:10, This location: 2020/01/28 01:21:04 ML

NEIC 28 00:44:34.0, 2.0, 17.88N, 0.03:66.835W, 0.008, h10km, 1km, ML3.4/37, M0.3, 4/8(RSPR), Error ellipse: s-maj=4.5km s-min=2.6km az=352.0

Code Station Name A° AZ° Phase ID Time Res. Includes stations like GBPR Guanica, Bosqu, OBIP Obispado Ponce, etc.

Code Station Name A° AZ° Phase ID Time Res. Includes stations like OBIP Obispado Ponce, CELP Cerrillos, CRPR Cabo Rojo, PR, etc.

Code Station Name A° AZ° Phase ID Time Res. Includes stations like CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

Code Station Name A° AZ° Phase ID Time Res. Includes stations like LSP Las Mesas, PRSN Puerto Rico Se, etc.

Code Station Name A° AZ° Phase ID Time Res. Includes stations like PRSN Puerto Rico Se, ECRP Experimental S, etc.

Code Station Name A° AZ° Phase ID Time Res. Includes stations like ECRP Experimental S, AGPR Aguadilla, PR, etc.

Code Station Name A° AZ° Phase ID Time Res. Includes stations like AGPR Aguadilla, PR, EMRP Esperanza - Ma, etc.

Code Station Name A° AZ° Phase ID Time Res. Includes stations like SJJG San Juan, GPCR Guaynabo City, etc.

Code Station Name A° AZ° Phase ID Time Res. Includes stations like SJJG San Juan, IDE Isla Desecho, etc.

Table with columns for flight number, airline, origin, destination, departure time, arrival time, status, and other flight details. Includes airlines like ASAJ, JEM, JNBK, etc.

Table with columns for flight number, airline, origin, destination, departure time, arrival time, status, and other flight details. Includes airlines like TYV, MJJB, MAJO, etc.

Table with columns for flight number, airline, origin, destination, departure time, arrival time, status, and other flight details. Includes airlines like SNY, HILR, SEY, etc.

28d 1h

Table with columns for station name, frequency, power, and signal strength. Includes stations like LuoYang, Songino Array, Wuhuan, Talaya, WAKE ISLAND Hy, etc.

2020 JAN

Table with columns for station name, frequency, power, and signal strength. Includes stations like Bethel, Kuskokwuk Cree, Lisburne Hills, Ungalak Mounta, etc.

1974

Table with columns for station name, frequency, power, and signal strength. Includes stations like comp=Z,520nm,14.9s, Bonanza Creek, Port Alsworth, etc.

28d 1h

2020 JAN

1978

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like West Nyswonger, East Wray Mesa, Nyswonger Mesa, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like KSP Ksiaz, MFTR Murfalar, OKC Ostrava-Krasne, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like KRUC Humele, HUMR Humele, RAZG Razgrad, etc.

1979

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes stations like I40A Norwalk, LBWR Ladybower, MOA Mollin, etc.

2020 JAN

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes stations like IGLA Glengowia, STRD Stroud, UBR Ueberhuth, etc.

28d 1h

Table with columns for call sign, name, frequency, power, mode, and coordinates. Includes stations like CCM Casco, SFIN Lafayette, PMOR Pomarioro, etc.

28d 2h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Sunshine Farm, Walton, Standing Stone, Oxford, Red Boiling Sp, etc.

2020 JAN

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EI Transito, SAO DESIDERIO, SNAAE, SNAAS, SNAAS, etc.

1980

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AFAD 28 02:09:08.8, ELZ Elazig, MDNT Maden, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Las Mesas, Utuado, PRSN, Experimental S, San Juan, etc.

IDC 28 03:23:46.2.0.8, 391.00N, 142.33E, h0km, mb3.7/15, m1m3.7/19, ML3.6/3, MS2.5/2, Error ellipse: s-maj=20.4km s-min=17.3km az=103.0, JMA 28 03:23:49.0.1, 39.2N, 0.3, 142.6E, 0.6, h29km, 1km, MD4.1/40, MV4.3/40, E OFF IWATE PREF

NIED 28 03:23:49.9, 39.17N, 142.57E, h29km, MW3.7, Moment Tensor Solution. s2 Moment tensor: Scale 10^14Nm; Mn:2.99, Mb:0.71, Mw:3.70, M0:0.33, M1:0.33, M2:0.73, M3:1.98; Fault plane solution: M0:4.65000x10^14 NP1: 0s=125.00000, 0.62.00000, 1.44.00000. NP2: 0s=360.00000, 0.62.00000, 1.23.00000

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, FINES FINESS Array B, NOA NORRAR Array B, AKASA Malin Array Be, PDAR Pinedale Array, BRTR Keskia Array B

SDD 28 03:36:37.1+2.1, 20.04N, 70.93W, h28km, 10km, MD3.0, ML2.3, MW2.7, Presumed earthquake

OSPL 28 03:36:38.9+1.6, 19.90N, 70.84W, h12km, 11km, ML1.6, Presumed earthquake

ISC 28 03:38:39.9.1.1, 19.85N, 0.06, 70.87W, 0.04, h18km, 5km, n10, c093/19, 1C, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LUDR Luperon, MADR Mao Valverde, SC01 Santiago de lo, SC01 Restauracion, etc.

IDC 28 03:42:26.6.1.7, 9.94S, 161.05E, h0km, mb3.6/4, m1m3.6/4, Error ellipse: s-maj=34.3km s-min=27.6km az=170.6, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HNR Honiara, WRA Warramunga Arr, SONM Songino Array, ILAR Eielson Array

ISK 28 03:49:42.1, 38.40N, 39.06E, h14km, ML1.5/4, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SVRC Sivrice-ELAZID, ARPR Arapgir-MALATY, DYBB Diyarbakir, ILIC ilic-Erzincan

AFAD 28 03:50:03.6, 38.76N, 40.01E, h7km, 1km, ML1.5, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOVA Elazig, Kovanc, KOVA, MAYK, TNCL Tunceli-Merkez

TRN 28 04:02:09.2, 10.21N, 62.03W, h3km, MD3.8, Gulf of Paria

FUNV 28 04:02:10.8, 10.24N, 62.03W, h9km, MW3.3, Presumed earthquake

ISC 28 04:02:07.6.1.9, 10.00N, 0.2, 62.0W, 0.2, h20km, 12km, n21, r1594/35, Trinidad

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TRN Trinidad (W), TRN Trinidad (W), GRGR Grenville, GRGR Mount Saint Ca, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BENV Turiamo, TBG Macapouze-3, MAPV Macapouze-3

FUNV 28 04:14:27.5, 10.28N, 62.03W, h7km, MW3.8, Presumed earthquake

TRN 28 04:14:28.2, 10.09N, 61.62W, h55km, MD3.9, Near South coast of Trinidad, Felt in Trinidad MMI IV

ISC 28 04:14:29.7.2.9, 10.22N, 0.1, 61.7W, 0.1, h57km, 16km, n33, r1501/45, Trinidad

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PSGH Port of Spain, DMDM Gurulp CMG5TDE, TRN Trinidad (W), TRN Trinidad (W), etc.

ROM 28 04:15:40.7.0.1, 44.17N, 0.008, 12.26E, 0.01, h22km, 1km, ML2.3/45, Error ellipse: s-maj=0.9km s-min=0.6km az=122.0, Northern Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BRSN Barisano, FAZ Faenza, BLLA Bellaria, IMOL Imola, etc.

28d 4h

Table with columns: Code, Station Name, Az, El, P, S, N, Pn, Time, Res, ISC. Includes stations like PGF Pioggiola, RETA Reutte, DAVA Damuels, BIOA Bad Ischl, ARSA Arzberg, SBF Sospel, MOA Mollin, MBDF Montbard, LPG La Plagne, CONA Conrad Observa, RONA Rosalia, LMR La Moure, CKRC Cesky Krumlov, KHC Kasperske Hory, CABF La Chapelle, ZVC Zvikov, HAU Haudompre, LASF Ste Croix, SMF Signal de Mont, LOR Lormes, SSF Saint Saugel, AVF Avril sur Loir, BGF Bois d'Angland.

KRSC 28 04:19:45.8±1.3, 52.2°40'N:159.57'E, h47km±14km, Mc4.2, M5.0, Felt [IV] at lighthouse Kruglyi, MGEOES-1; [III-IV] at lighthouse Petropavlovskiy, Viluchinsk, HMS Semyachik; [III] at Ribachiy, Petropavlovsk, Svetlyi, Pionersky, Paratunka; [II-III] at Termalniy; [I] at cape Shipunskiy, river Karimshina (stationary FK GS); Felt at Elizovo.
MOS 28 04:19:47.2±1.0, 52.2°42'N:159.30'E, h49km, mb4.6/25, Error ellipse: s-maj=3.5km s-min=3.0km az=122.2
MOS Felt (II-III) at Petropavlovsk-Kamchatskiy.
BUJ 28 04:19:48.1, 52.92°N:159.17'E, h68km, mb4.9/8, mb4.2/24, Ms4.7/5, Ms7.4/4.5
NEIC 28 04:19:50.1±1.0, 52.62°N:159.3E±0.1, h63km, 5km, mb4.7/237, Error ellipse: s-maj=12.6km s-min=10.5km az=199.0
IDC 28 04:19:51.9±1.1, 52.62°N:159.17'E, h79km±7km, mb4.0/34, mbtmp4.3/38, MS3.6/34, Error ellipse: s-maj=12.9km s-min=9.7km az=145.0
ISC 28 04:19:47.7±0.8, 52.42°N:159.41E±0.03, h48km±7km, m654, r12/60/1, mb4.6/183, MS3.7/30, 11C-24D, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, El, P, S, N, Pn, Time, Res, ISC. Includes stations like RUS Russkaya, DALK Dalny, KVRV Mnutovka, NLC Nalytchevo, YAK Yakutsk, GAMB Gambell, NIKH Nikolski High, USRK Ussuriysk Ar., HEH Heihe, UNV Unalaska Valle, M11K Mekoryuk, TNA Tin City, K13K Kusivak Mount, F14K Arctic Creek, ANM Nome, MAJO Matsushiro, MJAR Matsushiro Arr, MJAR Matsushiro, BNX BinXian, J14K Nanvaranak Lak.

2020 JAN

Table with columns: KRXX Arik, PEAOB Petropavlovsk-, PETK, APC Apache, GNL Ganaly, KII Karymskiy, PAU Pautzhetka, SKR Severo-Kuril's, SKR, SKR, TUMD Tumrok D, TUMD Tumrok D, KMNIR Kamenistaya, ESO Esso, ESO Esso, BZP Bezymyanni-Pe, KIRR Kirishev, KIRR Kopyto, BZWR Bezymyanni-We, KOZ Kozhyrevsk, KOZ Kozhyrevsk, KLY Klyuchi, KLY Klyuchi, KBTR Krutoberegovo, KBTR Krutoberegovo, KBG Krutoberegovo, KBG Krutoberegovo, SMKR Semkarok, SMKR Semkarok, BKI Bering, BKI Bering, PALN Palana, PALN Palant, MA2 Magadan, MA2 Magadan, MA2 Magadan, SHEM Shemya Is, Seymchan, SEY Seymchan, SEY Seymchan, YSS Yuzhno-Sakhalii, YSS Yuzhno-Sakhalii, JKA Asahikawa, ASAJ Asahikawa, ASAJ Asahikawa, ASAJ Asahikawa, BILL Bilibino, BILL Bilibino, KLR Kul'dur, KLR Kul'dur, SP1A Saint Paul Isl, YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, GAMB Gambell, NIKH Nikolski High, USRK Ussuriysk Ar., HEH Heihe, UNV Unalaska Valle, M11K Mekoryuk, TNA Tin City, TNA Tin City, K13K Kusivak Mount, F14K Arctic Creek, ANM Nome, ANM Nome, MAJO Matsushiro, MAJO Matsushiro, MJAR Matsushiro Arr, MJAR Matsushiro, BNX BinXian, BNX BinXian, J14K Nanvaranak Lak, J14K Nanvaranak Lak.

1984

Table with columns: L14K Kukka Creek, F15K North Star Dit, F15K North Star Dit, G15K Niukluk, M14K Bethel, M14K Bethel, M14K Kusokwak Cree, O14K Tigiyukaviet M, L15K Ungalak Mounta, K15K Wolf Creek Mou, K15K Wolf Creek Mou, H16K Elim, C16K Lisburne Hills, C16K Lisburne Hills, M15K Kusok River, G16K Koyuk River, G16K Koyuk River, N15K Kusok River, J16K Anvik River, J16K Anvik River, TIXI Tiksi, TIXI Tiksi, TIXI Tiksi, TIXI Tiksi, I17K Unalakleet, I17K Unalakleet, O17K Ungalikthiuk R, SDPT Sand Point, D17K Noatak River, L16K Ohwah River, RDOG Red Dog Mine, RDOG Red Dog Mine, E17K Hotham Inlet, G17K Kivalik Mouna, F17K Baldwin Pennin, F17K Baldwin Pennin, M16K Timber Creek, CN2 Chanchung, H17K Granite Mounta, H17K Granite Mounta, N16K Nishlik Lake, J17K VABM Dome, J17K VABM Dome, J17K VABM Dome, CHNA Chernabura Isl, L17K Donlin, E18K Tukpahlearik C, E18K Tukpahlearik C, K17K Iditarod, O16K Kokwok River B, F18K Selawik, H18K Honhosa River, H18K Honhosa River, M17K Hofitna River, M17K Hofitna River, M17K Hofitna River, G18K Tagagawik, G18K Tagagawik, R16K Kung Point, N17K Nushagak Hills, HILR Hailar, HILR Hailar, O17K King Salmon, GCSA Galena City Sc, P17K Kvichak River, F19K Shalericuk Mo, G19K Purcell Mounta, G19K Purcell Mounta, R17K Mt. Peulik Vol, N18K Klilae Creek, M18K Stony River, Q17K Contact Creek, J19K Poorman, J19K Poorman, P18K Big Mountain, L19K White Mountain, Q18K Katmai Hardscr, N19K Bonanza Creek, CHIR Chirikof Islan, H20K Anoteneega Mo, O19K Port Alsworth, K20K Teldia, K20K Teldia.

28d 4h

Table of seismic data for stations CMAR, AK01, AK02, etc., including magnitude, depth, and time.

2020 JAN

Table of seismic data for stations AK01, AK02, N41A, etc., including magnitude, depth, and time.

1986

Table of seismic data for stations ARPR, GZR, GZR, etc., including magnitude, depth, and time.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes entries for PSMG, DMDM, TRN, etc.

Table with columns for event name, date, time, location, and other details. Includes events like TRN Grenada Fort F, RUSC La Rusia, and various other regional and international events.

28d 4h

Table of station data for 28 days, 4 hours. Columns include call sign, name, frequency, and various status indicators.

2020 JAN

Main table of station data for 2020 January. Columns include call sign, name, frequency, and various status indicators.

1988

Table of station data for 1988. Columns include call sign, name, frequency, and various status indicators.

AFAD 28 04:29:18.2, 39:07N-27:84E, h7km, 1km, ML 1.5
ISK 28 04:29:17.9, 39:08N-27:82E, h9km, ML2.0/20, Turkey

WEL 28 04:47:03.2, 9:7.36'S, 177.9'W, h112km, 22km, M3.9/26, mb4.3/7, ML4.3/27, MLV4.3/26, Mw(mb)3.4/7, Error ellipse: s-maj=12.5km s-min=7.7km az=123.8, confirmed, East of North Island

TRN 28 04:28:00.8, 10:29N-61:99W, h9km, MD3.6, Gulf of Paria, Trinidad

IDC 28 04:28:05.6, 0.9, 8:46S; 159.62E, h0km, mb3.6/7, mbmp3.6/7, MS4.0/3, Error ellipse: s-maj=27.4km s-min=17.3km az=81.0

NEIC 28 04:28:05.6, 0.1, 2:33S; 0:07-159.5E, 0.1, h10km, 1km, mb4.2/13, Error ellipse: s-maj=20.3km s-min=7.5km az=59.0

ISC 28 04:28:05.6, 0.6, 8:36S; 0:08-159.5E, 0.1, h10km, n30, s165/29, mb3.9/13, MS4.0/3, Bougainville-Solomon Islands region

Table of station data for the Islands region. Columns include call sign, name, frequency, and various status indicators.

IDC 28 04:47:25.9, 0.9, 11:29S; 124:91E, h0km, mb4.1/6, mbmp4.4/10, ML4.9/4, MS3.7/2, Error ellipse:

1991

MOS 28 05:33:58.9, 1.2, 37.87N, 20.82E, h11km, mb4.4/8, Error ellipse: s-maj=12.4km s-min=6.6km az=80.3

ATH 28 05:33:58.4, 37.70N, 20.76E, h13km, Mw3.9, Moment Tensor Solution... s-maj=16.2km s-min=14.9km az=23.0

NEIC 28 05:33:59.0, 2.3, 37.76N, 0.05, 20.86E, h10km, 1km, mb4.2/7, Error ellipse: s-maj=10.4km s-min=6.9km az=22.0

THE 28 05:33:59.1, 38°N, 1°2'E, h12km, 1km, M3.7/17, ML3.3/7/7

MCSM 28 05:34:00.7, 2.8, 38°N, 1°2'E, h12km, 17km, mb4.3, MLv4.2

NAO 28 05:34:05.6, 37.75N, 20.86E, h10km, MB4.3

ISC 28 05:33:59.7, 0.6, 37.81N, 0.03, 20.83E, h11km, 4km, n169, e115/181, mb4.0/23, 5C-3D, Ionian Sea

Table with columns: Code, Station Name, Lat, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC. Contains 200+ entries of seismic event data.

2020 JAN

BRTR Keskin Array B 10.19 75 Pn Pn 05 36 28.6 +2.7

ARSA Arzberg 10.21 393 LR LR 05 40 26.7

RONA Rosalia, Austr 10.43 343 ePn Pn 05 36 29.0 -0.2

BERU Beregovo 10.51 7 P Pn 05 36 29.0 -1.1

ABTA Altalferbach 10.85 328 i Pn Pn 05 36 35.7 +0.8

MOA Mollin 11.13 336 i Pn Pn 05 36 40.1 +1.4

BIOA Bad Ischl, Aus 11.20 334 i Pn Pn 05 36 40.4 +0.8

LESB Schwarztealot 11.33 331 ePn Pn 05 36 42.2 +0.7

FUORN Ofenpass-Fuorn 11.78 322 Pn Pn 05 36 49.9 +2.1

GERES GERES Array B 12.19 337 LR LR 05 36 54.1 +0.8

DAVA Damuels 12.44 323 ePn Pn 05 36 57.0 +0.3

ARRP Arapgir-MALATY 13.78 79 Pn Pn 05 37 12.8 -2.4

RNPP Kosukukhivka 13.98 13 P Pn 05 37 20.2 +2.5

AK07 Malin Array Si 14.07 22 P Pn 05 37 19.4 +0.5

AK06 Malin Array Si 14.10 22 P Pn 05 37 19.1 -0.2

AK10 Malin Array Si 14.13 22 P Pn 05 37 20.3 +0.7

AK12 Malin Array Si 14.14 22 P Pn 05 37 19.7 -0.1

AK09 Malin Array Si 14.15 23 P Pn 05 37 19.4 -0.6

AK11 Malin Array Si 14.17 22 P Pn 05 37 20.4 +0.1

AK20 Malin Array Si 14.19 22 P Pn 05 37 20.3 -0.1

AKASG Malin Array Be 14.21 22 Pn Pn 05 37 21.1 +0.4

Table with columns: Code, Station Name, Lat, Az, Op, Phase, ISC, Time, Res, h, m, s, ISC. Contains 200+ entries of seismic event data.

ISK 28 05:58:59.6, 38.52N, 39.31E, h1km, ML3.4/17

AFAD 28 05:59:00.0, 38.49N, 39.29E, h12km, 10km, ML3.5

ISC 28 05:59:00.8, 0.8, 38.49N, 0.02, 39.30E, h12km, 5km, n39, e0996/2, Turkey

SVRC Sivrice-ELAZIG 0.11 177 Op Pn 05 59 03.3 -0.7

SVRC ELZ Elazig 0.21 340 Sg Pn 05 59 05.5 -0.8

ELZ comp=E,9,um,0.6s IAML 05 59 09.5 +1.0

ELZ comp=N,10,um,0.4s IAML 05 59 12.0

ELZ Elazig 0.25 271 P Pn 05 59 05.9 -0.1

ELZG IAML 05 59 11.0

MDNT Maden 0.32 108 P Sg 05 59 06.6 -0.7

MDNT comp=N,9,um,0.2s IAML 05 59 11.8 +0.2

MDNT Kova Elazig, Kovanc 0.46 62 P Pn 05 59 08.9 -0.9

MDNT Kova Tunceli-Merkez 0.65 17 P Sg 05 59 18.8 -0.2

MDNT comp=E,4,um,0.6s IAML 05 59 23.0

MCKZ BINGOL 0.68 338 P Sg 05 59 12.9 -1.1

MCKZ Malatya/Merkez 0.71 257 P Sg 05 59 23.6 -0.2

MAYA comp=N,2,um,0.4s IAML 05 59 26.0

MAYA comp=E,2,um,0.3s IAML 05 59 27.0

NARI Adyaman-Kaht 0.74 215 P S 05 59 15.3 -0.4

NARI Diyarbakir 0.85 129 P Pn 05 59 25.8 0.0

FUNUV 28 05:37:58.3, 10.49N, 61.63W, h41km, MW3.3, Presumed earthquake

ISC 28 05:37:58.4, 1.2, 10.58N, 61.81W, 0.09, h29km, 14km, n12, e078/22, Trinidad

DMDM Guralp CMSGSTE 0.28 6Z Op Pn 05 38 06.0 +0.5

DMDM Trinidad (W) 0.41 81 ePn Pn 05 38 06.8 -1.7

AFAD 28 06:02:45.0, 38.26N, 38.79E, h14km, 5km, ML1.9, Turkey

ELZG Elazig 0.29 32 Op Pn 06 02 52.3 +0.3

AKAD Akcadag 0.68 274 P S 06 02 59.4 +0.7

AKAD comp=E,106nm,0.4s IAML 06 03 13.0

1993

Table of 1993 data with columns for station name, frequency, and other parameters. Includes stations like ALN Alexandroupoli, IDI Anoyia, and many others.

2020 JAN

Table of 2020 JAN data with columns for station name, frequency, and other parameters. Includes stations like NIL, KECS Kecoovo, and many others.

28d 6h

Table of 28d 6h data with columns for station name, frequency, and other parameters. Includes stations like CLL Collm, VSL Villasaito, and many others.

28d 6h

Table with columns for station name, time, magnitude, and other parameters. Includes stations like ULN Ulanbaatar, PZH PanZhiHua, CMAR Chiang Mai Arr, etc.

2020 JAN

Table with columns for station name, time, magnitude, and other parameters. Includes stations like E28M Babbage River, F17K Baldwin Pennin, F14K Arctic Creek, etc.

1994

Table with columns for station name, time, magnitude, and other parameters. Includes stations like J30M Hart River, J30M Hart River, J29N Klondike Camp, etc.

NEIC 28 06:54:20.0 ± 1.1, 17.88N ± 0.03, 67.04W ± 0.02, h13km2, 2km, ML3, 0.35, ML2.6 (RSPR), Error ellipse: s-maj=5.3km s-min=1.6km az=202.0 RSPR 28 06:54:20.8 ± 1.7, 19.2N ± 0.07, 02W ± 0.7km OSPL 28 06:54:20.8 ± 0.4, 17.89N ± 0.07, 05W ± 1.0km2, 2km, ML2.4, Presumed earthquake SDD 28 06:54:21.0 ± 1.9, 17.89N ± 0.07, 07W ± 1.2km2, 1.3km, MD3.6, ML2.6, MW3.1, Presumed earthquake ISC 28 06:54:20.5 ± 1.1, 17.90N ± 0.06, 67.00W ± 0.02, h11km2, 5km, n42, c055/62, 12C-SD, Mona Passage Code Station Name Δ° AZ° Phase ID Time Res MLPR Maguveys Isan 0.08 331 Op ISC h m s Pg 06 54 22.6 ± 0.3 06 54 24.4 MLPR 9µm, 0.1s IAML 06 54 24.0 MLPR 9µm, 0.2s IAML 06 54 24.0 GBPR Guanica, Bosqu 0.14 57 Pg 06 54 26.2 ± 0.4 GBPR Guanica, Bosqu 0.14 57 Pg 06 54 26.2 ± 0.4 GBPR Guanica, Bosqu 0.14 57 Pg 06 54 26.2 ± 0.4 GBPR Guanica, Bosqu 0.14 57 Pg 06 54 26.2 ± 0.4 CRPR Cabo Rojo, PR 0.15 317 Pg 06 54 23.9 ± 0.0 CRPR 06 54 25.7 ± 0.5

Table with columns: CRPR, Cabo Rojo, PR, 0.15 317, IAML, 06 54 26.1, etc. Includes multiple rows of station data and earthquake details.

Table with columns: FTIG, Fresnillo de T, 4.60 309, Pp, 06 57 02.5 -3.1, etc. Includes station data and earthquake details for January 2020.

Table with columns: MANT, Dikili, 0.74 277, S, Sg, 07 03 18.8 +0.1, etc. Includes station data and earthquake details for a 28-day 7-hour period.

28d 7h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IPOC Station P, Maricunga, Punta Patache, Copiapo, etc.

TAP 28 07:11:51.9, 24.81N, 122.20E, h103km, ML3.9, C
JMA 28 07:11:52.0, 0.2, 25 N, 122.2E, 0.3, h104km, 1km,
M12, 7/13, TAIWAN REGION

ISC 28 07:11:51.0, 1.3, 24.83N, 0.03, 122.20E, 0.03, h111km, 5km,
n147, -0.99/261, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Santiao Chiao, Shuangxi, Suao, Grass Mountain, etc.

2020 JAN

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Nan Shan, Fushan Village, Ninganchiao, etc.

1996

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WWUC, Sandimen, Chigu Township, etc.

NNC 28 07:12:04.0, 0.4, 0.49, 90N, 82.15E, h0km, mb3.3, mpv2.9,
Error ellipse: s-maj=46, 1km s-min=10.2km az=53.0,
Suspected Mining explosion.
IDC 28 07:12:10.1, 1.3, 49.76N, 81.58E, h0km, mbtmp2.4/2,
ML1.9/2, Error ellipse: s-maj=17.7km s-min=8.4km
az=56.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kurchatov, Kurbb, Makanchi, etc.

ATH 28 07:27:48.5, 38.63N, 22.82E, h13km, Mw3.7, Moment
Tensor Solution, s8 Moment tensor: Mm0.85; Mm3.91;
Mm-4.76; Mm-1.43; Mm0.55; Mm-1.29; Fault plane
solution: NPl=313.00000; SPl=313.00000; SPl=313.00000;
Evryts=219.00000; S32=0.00000; S33=0.00000;
IDC 28 07:27:48.0, 0.8, 38.57N, 22.77E, h0km, mb3.7/12,
mbtmp3.7/16, ML3.5/3, MS3.0/6, Error ellipse:
s-maj=17.1km s-min=15.3km az=104.0
ISC 28 07:27:48.5, 1.1, 38.60N, 0.02, 22.80E, 0.02, h3km, 2km,
n102, -0.98/112, mb3.7/10, 6C-8D, Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Lokris, Agios Charalam, Delphi, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Polygyros, VLI, DMLN, OHR, HURT, etc.

IDD 28 07:50:03.1±2.5, 8.21S; 123.92E, h0km, mb3.8/1, mbmp3.9/6, ML3.9/5, MS3.3/1, Error ellipse: s-maj=49.6km s-min=28.2km az=61.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAUMERE, ENDE, BAUMATA, etc.

MAKZ comp=Z,4.0nm,1.0s Iamb Iamb 08 00 57.2

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

CGC 28 08:04:16.9±1.8, 13.89N; 92.24W, h13km±21km, MD4.3, ML4.0, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RTAL, SMCA, THIG, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCIG, APG, FAMS, etc.

NEIC 28 07:50:14.6±0.5, 9.56S; 123.3E, h74km±7km, M3.9/11, mb4.1, ML3.8/11

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HUIG, PEIG, VHO, etc.

IDD 28 08:12:32.6±15.0, 53.54S; 4.26E, h0km, Error ellipse: s-maj=62.1km s-min=5.1km az=36.0, Bouvet Island region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H04S2, H04S1, H04N3, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like QAMS, KRLH, KRSH, etc.

IDD 28 08:17:21.9±1.2, 58.51N; 122.18E, h0km, mb3.5/6, mbmp3.6/9, ML3.8/3, MS2.9/3, Error ellipse: s-maj=30.3km s-min=11.4km az=140.0

MOS 28 08:17:23.4±2.1, 58.68N; 121.51E, h12km, mb3.8/1, Error ellipse: s-maj=15.3km s-min=6.5km az=85.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OLMR, ALDR, YUKTALI, etc.

TEH 28 08:12:49.6, 33.79N; 51.23E, h8km±20km, ML4.0, Presumed earthquake, Northern and central Iran

28d 9h

Table with columns: YAK, Lg, Lg, 08 20 04.6, comp=N,27nm,0.3s,baz=145,slow=22,SNR=14, LR LR, 08 20 56.3, YAK, comp=N,36nm,18.5s,baz=262,slow=42, comp=N,3.3nm,0.4s, YAKuts, 5.22 47 eP Pn, 08 18 44.1 +4.5, 08 19 40.0, YAK, comp=Z,4.0nm,0.3s, pmax pmax, YAK, comp=N,23nm,0.3s, smax smax, YAK, comp=E,17nm,0.3s, smax smax, YAKuts, 5.22 47 iPg P, 08 18 59.8 -2.2, YAK, comp=E,0.1nm,0.5s, eSn Sn, 08 19 39.9 +0.4, 08 19 39.9 +0.4, 08 20 06.3 -3.3, UKT, comp=E,1.8nm,0.6s, 5.40 236 ePn Pn, 08 18 39.8 -2.4, 08 18 55.2 -1.0, UKT, comp=E,9.0nm,0.6s, eSn Sn, 08 19 38.5 -5.6, 08 20 02.6 +1.8, UKT, HAGD, 08 20 12.4, MS, 08 20 17.1 +1.8, YOAB, 08 20 24.1, YCRN, 08 18 57.8 +5.1, 08 18 57.8 +5.1, 08 19 18.7 -1.6, YCRN, 08 20 37.9 -2.2, KMO, 08 19 11.2 -0.1, 08 19 14.8, KMO, 08 19 58.5 -7.4, 08 20 29.2 +3.0, 08 20 36.5, YLYR, 08 19 01.4 -1.1, 08 19 21.9 +0.5, 08 19 27.0, YLYR, 08 20 14.1 -6.5, 08 20 48.2 +4.8, 08 20 53.2, NIZB, 08 19 04.7 -1.5, 08 19 27.6 +1.6, 08 19 31.1, NIZB, 08 20 56.5 +5.4, 08 21 00.9, CIT, 08 21 27.2 +8.5, 08 21 36.2, SYVR, 08 19 46.6 +2.9, 08 19 49.4, SYVR, 08 20 44.5 -8.3, 08 21 29.0 +7.9, 08 21 39.9, MXMB, 08 21 53.5 +4.1, 08 19 32.6 -2.4, HILR, 08 22 12.1, OGRR, 08 20 06.2 +3.1, 08 20 09.5, OGRR, 08 22 01.9 +4.2, 08 22 21.9, GORB, 08 20 08.9 +3.2, 08 22 06.4 +4.4, 08 22 08.3 +3.1, UZR, 08 20 09.1, UZR, 08 22 06.7 +4.4, 08 22 22.8, ZRH, 08 22 31.3 +4.9, 08 22 48.1, TRG, 08 22 37.2 +4.9, 08 22 56.3, UUD, 08 22 39.6 +5.1, 08 22 44.5, KPC, 08 22 42.2 +5.3, 08 22 59.4, HRMR, 08 22 54.6 +5.4, 08 23 05.5, BGT, 08 23 05.2 +5.5, 08 23 20.0, ARS, 08 23 51.7, 08 24 03.7, TIXI, 08 20 27.0 -3.4, 08 22 46.5 -1.1, TIXI, 08 25 35.4, ORL, 08 20 35.7 -0.4, 08 20 49.7, ORL, 08 22 58.5 -1.0, 08 24 19.3 +4.9, 08 24 39.0, SONM, 08 24 45.5, SEY, 08 21 02.4 -2.1, 08 25 35.0, ZALV, 08 22 06.7 +2.5, 08 22 56.9 +5.8, 08 22 56.9 +4.9, MKAR, 08 23 01.4 +5.5, 08 24 59.0 +2.2, 08 24 59.0 +2.2, 08 25 31.0 +5.9, DAV, 08 51 27.8, YKA, 08 26 27.9 +0.4, TEH, 08 28 02:22:37.3, 33:74N:45:66E, h11km,22km,ML3.3, Presumed earthquake, ISC, 08 28 02:22:37.1, 33:78N:45:74E, h7km,2km,ML3.2, 08 28 02:22:37.8, 33:78N:0:03:45:69E, h0:03, h6km,13km, n16, c1972/22, Iran-Iraq border region, Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s, ISC, Res.

2020 JAN

Table with columns: IBDR, comp=E,799nm,0.5s, AML, AML, 08 23 15.1, IGH, 0.92 53 Pg Pn, 08 23 57.0 -0.4, DHR, 1.09 32 Pg Pn, 08 23 59.9 +0.2, BHD, 1.20 245 ePg Pn, 08 23 20.0 +1.2, BHD, eSg Sn, 08 23 19.0 +1.3, BHD, AML AML, 08 23 25.5, comp=E,2um,0.2s, 1.23 66 Pg Pn, 08 23 02.4 +1.0, KBZ, 1.93 69 Pn Pn, 08 23 14.1 -0.7, IBZA, 1.96 326 ePn Pn, 08 23 16.0 +0.6, IKRK, eSn Sg, 08 23 43.0 +2.2, IKRK, AML AML, 08 23 48.1, comp=N,245nm,0.6s, IKRK, AML AML, 08 23 56.8, comp=E,326nm,0.6s, 2.08 89 Pn Pn, 08 23 15.4 -0.6, IDOB, 2.08 170 ePn Pn, 08 23 14.7 -1.2, RAFI, eSn Sb, 08 23 41.0 -1.1, RAFI, AML AML, 08 23 46.9, comp=N,256nm,0.2s, RAFI, AML AML, 08 23 49.0, comp=E,238nm,0.5s, 2.67 85 Pn Pn, 08 23 23.5 -2.6, BDRS, 3.04 69 Pn Pn, 08 23 28.7 +2.0, HAGD, 3.36 322 ePn Pn, 08 23 35.0 -2.7, MSL, eSn Sb, 08 24 16.0 -2.9, MSL, 08 23 56.2 +1.3, AMIS, 4.94 94 Pn Pn, 08 23 55.2 +2.3, IKLH, 5.97 107 Pn Pn, 08 24 08.7 +1.8, IRAM, MOS, 08 08:35:39.9, 0.8, 52.46N, 159.36E, h65km, mb4.1/3, Error ellipse: s-maj=10.9km s-min=6.3km az=89.2, KRSC, 08 08:35:39.4, 0.6, 52.46N, 159.34E, h66km,8km, M14.0, IDC, 08 08:35:42.3, 5.0, 52.74N, 159.27E, h70km,56km, mb3.1/4, mbtmp,3.4/4, Error ellipse: s-maj=27.17km s-min=27.17km az=136.0, ISC, 08 08:35:41.6, 0.8, 52.44N, 159.00E, 0.04, h53km,8km, n2, c0777/91, mb3.5/6, SC-1D, Off east coast of Kamohaka Peninsula, Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s, ISC, Res.

1998

Table with columns: H11S3, WAKE ISLAND Hy 34.36 168 T T, 09 18 52.9, H11S2, WAKE ISLAND Hy 34.36 168 T T, 09 18 53.5, NR1K, Norilsk, 36.19 325/11 P Pmax, 08 42 42.0 +3.5, NVAR, Mina Array Be, 56.39 69 P Pmax, 08 45 16.7 -0.8, PDAR, Pinedale Array, 58.24 60 P P, 08 45 29.6 -0.8, TXAR, Lajitas Array B, 71.31 66 P P, 08 46 54.5 -1.1, ASAR, Alice Springs, 78.98 204 P P, 08 47 38.1 -1.2, H03N2, Juan Fernandez, 134.65 89 T T, 11 25 14.9, H03N1, Juan Fernandez, 134.66 89 T T, 11 25 13.1, H03N3, Juan Fernandez, 134.66 89 T T, 11 25 14.6, IDC, 08 08:56:54.8, 3.0, 32:20S, 178:10W, h0km, mb3.8/2, mbtmp,3.9/3, ML3.3/1, M3.3/4, Error ellipse: s-maj=68.8km s-min=35.9km az=116.0, South of Kermadec Islands, Code, Station Name, A° AZ°, Phase ID, Time Res, ISC, h m s, ISC, Res.

1999

Table of seismic events for 1999, including columns for SDDR, Station Name, Magnitude, Time, Res, and ISC details.

2020 JAN

Table of seismic events for 2020 JAN, including columns for SDDR, Station Name, Magnitude, Time, Res, and ISC details.

28d 9h

Table of seismic events for the 28 days and 9 hours period, including columns for Station Name, Magnitude, Time, Res, and ISC details.

VAF	Ylistaro	3.95 248	eP	Pn	10 00 56.2 +1.0
VAF	Ylistaro	3.95 248	PB	Pn	10 00 57.4 +2.2
ERTU	Ertisaerv	3.97 301	P	Pn	10 00 56.5 +1.1
ERTU	Ertisaerv	3.97 301	PN	Pn	10 00 56.8 +1.4
BURU	Burvik	4.02 272	P	Pn	10 00 56.0 -0.1
BURU	Burvik	4.02 272	PN	Pn	10 00 56.1 -0.1
HARU	Harads	4.30 294	P	Pn	10 01 01.5 +1.4
ODEU	Stanfors	4.32 270	P	Pn	10 00 59.7 -0.6
UMAU	Umeaa	4.46 263	P	Pn	10 01 01.2 -0.9
UMAU	Umeaa	4.46 263	PN	Pn	10 01 01.4 -0.7
VJF	Virojoki	4.48 200	SG	Sb	10 02 10.2 +2.9
HEF	Hetta	4.62 326	PN	Pn	10 01 06.2 +1.8
HEF	Hetta	4.62 326	SG	Sb	10 02 17.4 +6.0
ARAO	ARCESS Array S	5.21 339	eP	Pn	10 01 13.3 +0.8
ARCES	ARCESS Array B	5.21 339	Pn	Pn	10 01 13.0 +0.6
ARCES	comp=Z,0.2nm,0.3s,baz=152,slow=13,SNR=1.6				10 02 11.7 -1.5
ARCES	comp=Z,0.2nm,0.3s,baz=156,slow=25,SNR=1.9				10 02 36.7
ARCES	comp=Z,0.2nm,0.3s,baz=153,slow=26,SNR=2.0				
ARCES	ARCESS Array B	5.21 339	P	Pn	10 01 13.2 +0.7
ARCES	ARCESS Array B	5.21 339	S	Pn	10 02 10.6 -2.6
VADS	Vadso	5.41 355	P	Pn	10 01 16.2 +0.9
VADS	Vadso	5.41 355	S	Pn	10 02 17.7 -0.4
RAF	Rauma	5.52 323	eP	Pn	10 01 16.2 -0.5
SALU	Saltoluokta	6.65 303	eP	Pn	10 01 19.4 +1.2
FAUS	Fauske	6.80 300	P	Pn	10 01 35.3 +1.0
FAUS	Fauske	6.80 300	S	Pn	10 02 48.1 -4.2
H43RU	DUBNA INFRASON	8.66 156	I	I	10 53 15.0
HFS	Hagfors	9.14 247	Pn	Pn	10 02 05.6 -0.7
HFS	comp=Z,0.2nm,0.3s,baz=52,slow=13,SNR=4.1				
NOA	NORSAR Array B	9.63 256	Pn	Pn	10 02 13.6 +0.4
NOA	baz=60,slow=10,SNR=1.9				
SPITS	Spitsbergen Ar	14.15 348	Pn	Pn	10 03 12.8 -2.0
SPITS	baz=150,slow=15				
SPITS	comp=Z,1.1nm,1.0s				

ASIES 28 10:05:53.5, 23°22'N; 120°51'E, h14km, Mw3.8, Fault plane solution: NP1:0.1, 0.0000°, 848.0000°, 129.0000°, NP2:0.1, 140.0000°, 855.0000°, 155.0000°.

JMA 28 10:05:53.0, 23°3'N; 0.3:120°50'E; 0.8, h0km, MV3.9/13, TAIWAN REGION

TAP 28 10:05:53.8, 23°22'N; 120°51'E, h15km, ML4.3, B

ISC 28 10:05:53.9, 0.8, 23°23'N, 0.01:120°50'E, 0.01, h16km, 4km, n145, 0.69/251, 10C-39D, Taiwan

Code	Station Name	Δ ¹	AZ ²	Op	Phase	ID	Time	Res
							h m s	ISC
SNST	Tainan City	0.01 171	IP	Pg		SMST	10 05 56.7	-0.1
SNST	Tainan City	0.01 171	IP	Sg		SMST	10 05 58.0	+0.2
TWK	Hsinying	0.03 349	IP	Pg		HWA	10 05 57.0	+0.1
TWK	Hsinying	0.03 349	IP	Sg		HWA	10 05 59.2	+0.3
CHN1	Nanshi	0.06 148	IP	Sg		HWA	10 05 56.8	+0.2
CHN1	Nanshi	0.06 148	IP	Sg		HWA	10 05 59.2	+0.1
WTP	Ta-pu	0.11 84	IP	Pb		TWK1	10 05 57.6	-0.1
WTP	Ta-pu	0.11 84	IP	Pb		TWK1	10 06 00.6	+0.4
TPUB	Ta-pu	0.14 62	IP	Pg		TWK2	10 05 57.3	-0.6
TPUB	Ta-pu	0.14 62	IP	Pg		TWK2	10 05 57.9	-0.3
TPUB	Ta-pu	0.14 62	IP	Pb		TWK2	10 06 01.1	0.0
SGST	Jiashian	0.17 152	IP	Pg		ETLH	10 05 57.4	-0.8
SGST	Jiashian	0.17 152	IP	Pg		ETLH	10 06 01.0	-0.9
CHN3	Shinhua	0.20 217	IP	Pb		NACB	10 05 59.3	+0.2
CHN3	Shinhua	0.20 217	IP	Pb		NACB	10 06 04.3	+1.6
SSHA	Shanhua	0.21 243	IP	Sb		NACB	10 05 59.6	+0.2
SSHA	Shanhua	0.21 243	IP	Sb		NACB	10 06 04.9	+1.8
WCKO	Fanlu	0.23 262	IP	Pb		ETLH	10 05 59.6	-0.1
WCKO	Fanlu	0.23 262	IP	Pb		ETLH	10 06 04.4	+0.8
SHHT	Tainan City	0.25 213	IP	Pb		NNS	10 06 00.6	+0.5
SHHT	Tainan City	0.25 213	IP	Pb		NNS	10 06 06.7	+2.5
STYH	Taoyuan	0.27 104	IP	Pb		NSTT	10 05 59.0	-0.4
STYH	Taoyuan	0.27 104	IP	Pb		NSTT	10 06 04.3	-0.3
CHY	Chiayi	0.27 346	IP	Pb		LIOB	10 06 00.9	+0.5
CHY	Chiayi	0.27 346	IP	Pb		LIOB	10 06 06.3	+1.6
SCLT	Jiali	0.28 258	IP	Pb		NFF	10 06 00.6	0.0
SCLT	Jiali	0.28 258	IP	Pb		NFF	10 06 06.5	+1.5
CHN2	Minshiang	0.30 356	IP	Pb		LAY	10 06 01.4	+0.5
CHN2	Minshiang	0.30 356	IP	Pb		LAY	10 06 07.2	+1.6
TAI1	Yung-k'ang	0.31 322	IP	Pb		EAHA	10 06 01.4	+0.4
TAI1	Yung-k'ang	0.31 322	IP	Pb		EAHA	10 06 08.1	-1.8
WSL	Shulin Townsh	0.38 320	IP	Pb		LYUB	10 06 02.4	+0.2
WSL	Shulin Townsh	0.38 320	IP	Pb		LYUB	10 06 09.4	+1.6
TSCK	Chigu Township	0.39 257	IP	Pb		LATG	10 06 02.4	0.0
TSCK	Chigu Township	0.39 257	IP	Pb		LATG	10 06 09.0	+0.9
ALS	Alishan	0.40 46	IP	Pb		SBCB	10 06 02.5	-0.2
ALS	Alishan	0.40 46	IP	Pb		SBCB	10 06 09.6	+1.0
CHNS	Tsauling	0.40 255	IP	Pb		HSN	10 06 02.3	-0.2
CHNS	Tsauling	0.40 255	IP	Pb		HSN	10 06 09.2	+0.7
TWM1	Shoushan	0.41 189	IP	Pb		NSK	10 06 04.0	-1.3
WDLH	Douliu	0.45 5	IP	Pb		YHNB	10 06 04.2	+0.7
WDLH	Douliu	0.45 5	IP	Pb		YHNB	10 06 12.1	-1.4
WGF	Gukung	0.45 8	IP	Pb		KSHI	10 06 04.1	+0.6
WGF	Gukung	0.45 8	IP	Pb		KSHI	10 06 17.8	-1.5
WSK	Szhu	0.47 328	IP	Pb		EWUT	10 06 04.0	+0.1
WSK	Szhu	0.47 328	IP	Pb		EWUT	10 06 12.0	+1.4
WDL	Douliou City	0.48 5	IP	Pb		ENTT	10 06 04.6	+0.6
WDL	Douliou City	0.48 5	IP	Pb		ENTT	10 06 12.9	-1.3
ELDTW	Lidau	0.48 95	IP	Pb		NDS	10 06 03.9	-0.2
ELDTW	Lidau	0.48 95	IP	Pb		NDS	10 06 10.4	+0.5
SSD	Sandimen	0.50 165	IP	Pb		NWLT	10 06 04.4	+0.1
SSD	Sandimen	0.50 165	IP	Pb		NWLT	10 06 11.9	+0.4
SGLT	Jiouru	0.51 180	IP	Pb		FUSB	10 06 05.8	-0.7
SGLT	Jiouru	0.51 180	IP	Pb		FUSB	10 06 14.9	+0.1
WHYT	Xinyi Township	0.56 36	IP	Pb		TWE	10 06 08.0	+0.2
WHYT	Xinyi Township	0.56 36	IP	Pb		TWE	10 06 17.2	+1.4
WSSB	Gushan	0.63 200	IP	Pb		TWC	10 06 04.6	+1.3
WSSB	Gushan	0.63 200	IP	Pb		TWC	10 06 07.7	-0.4
MASBT	Mashibuluo	0.63 168	IP	Pb		SUAO	10 06 06.6	0.0
MASBT	Mashibuluo	0.63 168	IP	Pb		SUAO	10 06 18.0	+0.2
MASBT	Ta-ch'eng	0.66 343	IP	Pb		EOSA	10 06 15.4	+0.3
MASBT	Ta-ch'eng	0.66 343	IP	Pb		EOSA	10 06 07.5	+0.2
WTCT	Wtct	0.66 172	IP	Pb		EOSA	10 06 17.2	+1.4
WNT	Mingjian	0.66 151	IP	Pb		TATO	10 06 07.5	+0.4
WNT	Mingjian	0.66 151	IP	Pb		TATO	10 06 07.5	+0.4
TWG	Pinlang	0.67 128	IP	Pb		WVUJ	10 06 17.8	-1.0
TWG	Pinlang	0.67 128	IP	Pb		WVUJ	10 06 07.4	+0.1
WRL	Guolierlin Hig	0.67 351	IP	Pb		EGS	10 06 17.1	+0.7
WRL	Guolierlin Hig	0.67 351	IP	Pb		EGS	10 06 07.1	0.0
TWGBT	Beinan	0.68 127	IP	Pb		TIPB	10 06 16.7	+0.4
TWGBT	Beinan	0.68 127	IP	Pb		TIPB	10 06 07.8	-1.1
TWGBT	Beinan	0.68 127	IP	Pb		YM01	10 06 07.4	0.0
TWGBT	Beinan	0.68 127	IP	Pb		YM01	10 06 17.0	+0.5
ECS	Chishang	0.68 102	IP	Pb		ZUZH	10 06 07.5	+0.1
ECS	Chishang	0.68 102	IP	Pb		ZUZH	10 06 17.2	-1.4
KAU	Kaohsiung	0.69 195	IP	Pb		WFSB	10 06 08.8	-0.2
KAU	Kaohsiung	0.69 195	IP	Pb		WFSB	10 06 17.1	-1.4
SSLB	Suanglung	0.69 37	IP	Pb		KWMB	10 06 07.9	+0.3
SSLB	Suanglung	0.69 37	IP	Pb		KWMB	10 06 07.6	0.0
SSLB	Suanglung	0.69 37	IP	Pb		YJNG	10 06 18.2	+1.2
SSLB	Suanglung	0.69 37	IP	Pb		YJNG	10 06 08.0	-0.7
FULI	Fuli	0.74 93	IP	Pb		YOJ	10 06 19.5	-1.0
FULI	Fuli	0.74 93	IP	Pb		YOJ	10 06 08.8	+0.3
SMLT	Sun Moon Lake	0.74 30	IP	Pb		ZPLA	10 06 19.9	-1.0
SMLT	Sun Moon Lake	0.74 30	IP	Pb		ZPLA	10 06 08.8	+0.3
TYC	Yuchr	0.74 26	IP	Pb		AXDP	10 06 08.8	+0.3
TYC	Yuchr	0.74 26	IP	Pb		AXDP	10 06 20.1	-0.7
TWF1	Yuli	0.75 81	IP	Pb		DISP	10 06 08.4	-0.1
TWF1	Yuli	0.75 81	IP	Pb		DISP	10 06 19.5	-1.0
YULB	Yu-li	0.75 78	IP	Pb		MATE	10 06 08.3	-0.6
YULB	Yu-li	0.75 78	IP	Pb		MATE	10 06 18.8	-0.3
ECL	Taimali	0.76 146	IP	Pb		HATJ	10 06 08.7	-0.1
ECL	Taimali	0.76 146	IP	Pb		HATJ	10 06 19.8	-1.2
ECL	Taitung	0.77 128	IP	Pb		IRIF	10 06 19.8	-1.3
ECL	Taitung	0.77 128	IP	Pb		IRIF	10 06 10.1	+0.1
TTN	Taitung	0.77 128	IP	Pb		JJKS	10 06 08.3	-0.6
TTN	Taitung	0.77 128	IP	Pb		JJKS	10 06 18.8	-0.3
WDGT	Dungji	0.77 272	IP	Pb		ANP	10 06 09.5	-0.7
WDGT	Dungji	0.77 272	IP	Pb		ANP	10 06 17.5	+0.1
VWDT	VWDT	0.79 49	IP	Pb		WFSB	10 06 10.3	-0.4
VWDT	VWDT	0.79 49	IP	Pb		WFSB	10 06 22.8	+0.4
EHY	Hungye	0.81 70	IP	Pb		WFB1	10 06 10.6	-0.3
EHY	Hungye	0.81 70	IP	Pb		WFB1	10 06 10.2	+0.1
CHKT	Chengkung	0.81 99	IP	Pb		KM18	10 06 10.3	-0.1
CHKT	Chengkung	0.81 99	IP	Pb		KM18	10 06 22.8	+0.4
CHKH	Chengkung	0.83 93	IP	Pb		YJNG	10 06 10.6	-0.3
CHKH	Chengkung	0.83 93	IP	Pb		YJNG	10 06 10.2	+0.1
WCHH	Wanghua City	0.83 3	IP	Pb		JJLJ	10 06 10.4	+0.2
WCHH	Wanghua City	0.83 3	IP	Pb		JJLJ	10 06 22.8	-0.3
WCHH	Zhanghua	0.84 4	IP	Pb		JJLJ	10 06 10.4	+0.2
WCHH	Zhanghua	0.84 4	IP	Pb		JJLJ	10 06 22.8	-0.3
SCZT	Fangliu	0.87 172	IP	Pb		SXFK	10 06 07.1	-0.7
SCZT	Fangliu	0.87 172	IP	Pb		SXFK	10 06 07.1	-0.7

Code	Station Name	Δ ¹	AZ ²	Op	Phase	ID	Time	Res
							h m s	ISC
SCZT	Changbin	0.88 85	eP	Pn		SCZT	10 06 24.2	+0.6
ECBN	Changbin	0.88 85	eP	Pn		ECBN	10 06 12.1	+0.5
WLCH	Liqiu	0.89 187	eP	Pn		WLCH	10 06 13.3	+1.6
WLCH	Liqiu	0.89 187	eP	Pn		WLCH	10 06 26.2	+2.0
HGSD	Ruisui	0.89 73	IP	Pb		HGSD	10 06 11.6	-0.2
HGSD	Ruisui	0.89 73	IP	Pb		HGSD	10 06 25.4	+1.1
PHUB	P'eng-hu	0.89 288	IP	Pb				

28d 10h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like MA2 Magadan, TIA Tain, N2J Nanjing, etc.

2020 JAN

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like COLA College, IL31 IL31, ILAR Eielson Array, etc.

2002

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like BUR08 Bucovina Array, BURAR Bucovina Array, BRTR Keskin Array B, etc.

Table with columns: Station Name, Time, Res, ISC, HFS Hagfors, NVAR Mina Array Bea, PDAR Pinedale Array, RAO Raoul Island.

ISC 28 10:38:40.8±0.9, 17.71°N; 66.81°W, h0km, mb3.6/8, mbmp3.7/10, ML3.1/2, MS3.1/2, Error ellipse: s-maj=23.0km s-min=9.2km az=155.0

Table with columns: Code, Station Name, Time, Res, ISC, GBPR Guanica, Bosqu, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR.

Table with columns: Code, Station Name, Time, Res, ISC, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR.

Table with columns: Code, Station Name, Time, Res, ISC, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR.

Table with columns: Code, Station Name, Time, Res, ISC, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR.

Table with columns: Code, Station Name, Time, Res, ISC, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR.

Table with columns: Code, Station Name, Time, Res, ISC, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR.

Table with columns: Station Name, Time, Res, ISC, DHSZ Broadband at M, GDHS Morne Mazeau, ATGZ Broadband at L.

Table with columns: Code, Station Name, Time, Res, ISC, TEIG Tepich, OTAV Otavalo, OTAV Otavalo, TXAR Lajitas Array.

Table with columns: Code, Station Name, Time, Res, ISC, CPUP Villa Florida, NVAR Mina Array Bea, YKA Yellowknife Ar.

Table with columns: Code, Station Name, Time, Res, ISC, ESDC Sonseca Array, TORD Torodi Ar, ILAR Eielson Array, ILAR Eielson Array.

Table with columns: Code, Station Name, Time, Res, ISC, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array.

Table with columns: Code, Station Name, Time, Res, ISC, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array.

Table with columns: Code, Station Name, Time, Res, ISC, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array.

Table with columns: Code, Station Name, Time, Res, ISC, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array, ILAR Eielson Array.

Table with columns: Station Name, Time, Res, ISC, WRH Clear Creek B, CCB Clear Creek B, PDAR Pinedale Array.

Table with columns: Code, Station Name, Time, Res, ISC, ILAR Eielson Array, H03S2 Juan Fernandez, H03S1 Juan Fernandez, H03S3 Juan Fernandez.

Table with columns: Code, Station Name, Time, Res, ISC, H22K Ishlitina Cr, D22K Ayiyikav River, BVAR Borovoye Array, ARCES ARCES Array B.

Table with columns: Code, Station Name, Time, Res, ISC, ARCES ARCES Array B, ARCES ARCES Array B, ARCES ARCES Array B, ARCES ARCES Array B.

Table with columns: Code, Station Name, Time, Res, ISC, ARCES ARCES Array B, ARCES ARCES Array B, ARCES ARCES Array B, ARCES ARCES Array B.

Table with columns: Code, Station Name, Time, Res, ISC, ARCES ARCES Array B, ARCES ARCES Array B, ARCES ARCES Array B, ARCES ARCES Array B.

Table with columns: Code, Station Name, Time, Res, ISC, ARCES ARCES Array B, ARCES ARCES Array B, ARCES ARCES Array B, ARCES ARCES Array B.

Table with columns: Code, Station Name, Time, Res, ISC, ARCES ARCES Array B, ARCES ARCES Array B, ARCES ARCES Array B, ARCES ARCES Array B.

WEL 28 10:42:35.9±0.8, 45.3°S x 167.7°E, h5km, M2.7/7, ML2.6/8, ML2.7/7, Error ellipse: s-maj=6.3km s-min=3.4km az=106.3, confirmed, South Island

Table with columns: Code, Station Name, Time, Res, ISC, DCZ Deep Cove, DCZ Deep Cove, TAFS Te Anau Fire S, TAFS Te Anau Fire S.

Table with columns: Code, Station Name, Time, Res, ISC, WRA Warramunga Arr, MKAR Kurchatov Arr, MKAR Kurchatov Arr.

ISC 28 10:47:11.6±1.7, 7.048S; 121.18E, h0km, mb3.4/3, mbmp3.4/3, Error ellipse: s-maj=31.3km s-min=27.0km az=59.0, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Time, Res, ISC, ASAR Alice Springs, MKAR Kurchatov Arr, MKAR Kurchatov Arr.

Table with columns: Code, Station Name, Time, Res, ISC, ASAR Alice Springs, MKAR Kurchatov Arr, MKAR Kurchatov Arr.

Table with columns: Code, Station Name, Time, Res, ISC, ASAR Alice Springs, MKAR Kurchatov Arr, MKAR Kurchatov Arr.

RSRPR 28 11:06:46.8, 17.95°N; 66.81°W, h10km, MD2.6/6, NEIC 28 11:06:46.7±0.6, 17.93°N; 0.04-66.820W, 0.007, h10km±1km, ML2.5/3, MD2.6/6 (RSRPR), 5C-6D, Error ellipse: s-maj=6.1km s-min=2.4km az=182.0, Puerto Rico region

Table with columns: Code, Station Name, Time, Res, ISC, GBPR Guanica, Bosqu, GBPR Guanica, Bosqu.

28d 11h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GBPR Guanica, Bosqu, MLPR Magueyes Islan, OBIP Obispado Ponce, etc.

WEL 28 11:07:21.7,0.8,31'S,17°17'9W,4.3,h293km,13km, M4.2/6, mB4.1/2, ML4.2/10, MLv4.2/6, Mw(mB)3.2/2, Error ellipse: s-maj=60.2km s-min=5.1km az=111.2, confirmed, Kermadec Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GLKZ Green Lake, RIZ Raoul Island, WMGZ Waioamatatini S, etc.

KRSC 28 11:13:43.0,1.3,58°33'N,158°47'E,h14km,10km,MI3.5, Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PALN Palana, OSSR Oссора, ESO Esso, etc.

MOS 28 11:24:02.9,1.0,58°83'N,158°83'E,h42km,mB4.5/7, Error ellipse: s-maj=11.8km s-min=5.0km az=91.3, IDC 28 11:24:04.5,0.5,58°80'N,158°97'E,h0km,mB4.0/21, mbmp4.0/26, ML4.2/4, MS3.4/7, Error ellipse: s-maj=12.2km s-min=10.3km az=3.0, KRSC 28 11:24:04.1,1.0,58°85'N,158°86'E,h40km,15km,ML4.4, Felt at Palana, NEIC 28 11:24:06.4,1.2,58°86'N,158°86'E,1.2,h10km,1km, mb4.4/102, Error ellipse: s-maj=17.8km s-min=11.7km az=230.0, NERS 28 11:24:06.1,58°87'N,158°57'E,h9km, ISC 28 11:24:06.0,0.4,58°81'N,158°85'E,0.03,h10km,1n177, s-maj=133/163,mb4.4/67,Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PALN Palana, OSSR Oссора, SMKR Semkarok, etc.

2020 JAN

Main table with columns: ESO Esso, KMRN Kamenistaya, KMBR Krutoberegovo, GADL Gadlja, etc. Includes station names, times, and residuals.

2004

Table with columns: M16K Arctic Village, E19K Purcell Moun, G19K Etivluk Moun, etc. Includes station names, times, and residuals.

2005

Table with columns: PDAR, Pinedale Array, 55.45 63 P, 11 33 40.0 -0.3, etc.

IDC 28 11:26:12.20.4.0.39:13N:27:83E, h0km, mb4.5/33, mbmp4,5/48,ML4.1/13,MS4.2/75,Error ellipse: s-maj=8.3km s-min=7.5km az=144.0

BUI 28 11:26:12.7.38:89N:27:33E, h36km, mB5.3/18, mb4.8/61, Ms4.8/34, Ms7.4/5/35

MED_RC 28 11:26:13.0.0.2.39:15N:27:83E, h12km, 1km, MW5.0/37, Moment Tensor Solution, Mantle waves: s37,c46;

Duration: 1s2 Moment tensor: Scale 10^19Nm; M1: 3.14e+23; M2: 1.6e+23; M3: 8.4000e+16; NP1: 3.16e+20; NP2: 1.10e+20; NP3: 1.04e+20; Principal axes: T 4.1300, Plg1 1.0000; Azm 211.0000; N -0.5600, Plg2 1.0000; Azm 118.0000; P -3.5600, Plg3 0.0000; Azm 342.0000; nst1 refers to body waves, nst2 refers to surface waves, cutoff=35s.

MOS 28 11:26:13.5.1.2.39:21N:27:86E, h12km, mb4.9/45, MS4.5/13 Error ellipse: s-maj=3.7km s-min=2.6km az=94.2

ISK 28 11:26:13.6.39:11N:27:84E, h14km, ML5.1/16, SOF 28 11:26:14.7.39:29N:0:03:27:85E:0.01, h10km, 8km, MD5.0/6

AFAD 28 11:26:14.0.39:10N:27:84E, h7km, 2km, MW4.8 NEIC 28 11:26:15.39:10N:27:86E, h12km

NEIC 28 11:26:15.39:10N:27:73E, h12km, Moment Tensor Solution. Duration: 1s6 Moment tensor: Scale 10^16Nm; M1: 2.55; M2: 1.93; M3: 0.61; NP1: 2.73; NP2: 1.90; NP3: 0.87; Fault plane solution: Ms4.13000x10^16 NP1: 3.23x10^16; NP2: 8.25x10^16; NP3: 6.0x10^16; Principal axes: T 4.3754, Plg2 0.0000; Azm 211.0000; N -0.5420, Plg3 12.0000; Azm 116.0000; P -3.8333, Plg6 0.0000; Azm 353.0000

GFZ 28 11:26:15.2.39:14N:27:86E, h10km, MW4.9, Moment Tensor Solution, s44 Moment tensor: M1: 2.51; M2: 1.64; M3: 0.87; NP1: 0.64; NP2: 1.66; NP3: 0.18; Fault plane solution: NP1: 1.15e+20; NP2: 3.51e+20; NP3: 1.07e+20; Principal axes: T 2.9900, Plg4 0.0000; Azm 218.0000; N -0.3200, Plg1 0.0000; Azm 127.0000; P -2.6700, Plg7 0.0000; Azm 324.0000

NEIC 28 11:26:15.1.39:11N:0:04:27:88E:0.06, h10km, 1km, mb5.1/188, Mw5.0/23 Error ellipse: s-maj=7.9km s-min=5.8km az=245.0

ATH 28 11:26:15.5.0.39:10N:27:87E, h28km, 9km, ML4.9/35, Manual Solution by N.Liadopoulos First Location: 2020/01/28 11:27:54. This location: 2020/01/28 12:25:06 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude and Longitude: 1 km; Longitude uncertainty: 1 km

NAO 28 11:26:16.4.39:68N:29:89E, h33km, MB5.2 THE 28 11:26:16.5.39:12N:2:8E, h35km, 11km, M5.0/23, MLh5.0/23

GCMT 28 11:26:18.0.0.2.39:13N:0:01:27:71E:0:02, h12km, MW5.1/107, Moment Tensor Solution, s49,c62; s107,c167; Duration: 0 Moment tensor: Scale 10^16Nm; M1: 3.2e+21; M2: 2.1e+21; M3: 0.9e+21; NP1: 4.4e+21; NP2: 1.9e+21; NP3: 0.7e+21; Best double couple: Ms4.89200x10^16 NP1: 3.27e+20; NP2: 8.28e+20; NP3: 5.1e+20; Principal axes: T 4.8160, Plg2 0.0000; Azm 208.0000; N 0.1470, Plg1 7.0000; Azm 111.0000; P -4.9690, Plg2 0.0000; Azm 347.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

GII 28 11:26:21.9.0.0.38:49N:0:00:28:084E:0:01, h0km, Mw4.9, confirmed

CFUSG 28 11:26:22.8.39:65N:28:15E, h10km, Mb4.3/6, MD4.2/8, MS4.5/8

ISC 28 11:26:14.5.0.6.39:10N:0:01:27:86E:0:01, h12km, 3km, n887, s149/891, mb5.0/185, MS4.4/78, 62C-51D, Turkey

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

2020 JAN

Main table with columns: Station Name, Delta, Azimuth, Phase ID, Time, Res

28d 11h

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

28d 11h

Table of radio stations with columns for call sign, name, frequency, and other details. Includes stations like THL, VLI, RAZG, GRG, KLV, etc.

2020 JAN

Table of radio stations for January 2020, including call signs, names, and frequencies. Includes stations like DNZZ, TESCI, SIM, etc.

2006

Table of radio stations for the year 2006, including call signs, names, and frequencies. Includes stations like AQU, KIEV, AKASG, etc.

2007

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like BRG Berggiesshubel, MAK Makhachkala, GRC1 Grafenberg Arr, etc.

2020 JAN

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array B, ESBB Sonseca Array, etc.

28d 11h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like KSH2, AAA Alma-Ata, SHLS Shalkode, etc.

Table with columns: WRA, PFO, NVAR, KURBB, BVAR, FINES. Includes station names like Warramunga Arr, Pinyon Flats O, Mina Array Bea, Kurchatov Arra, Borovoye Array, FINESS Array B.

NEIC 28 12:56:39.0±1.5, 16°49'N, 02°05'W, 12W, 0.02, h10km, 1km, mb4.1/11, Md4.4/22(MEX), Error ellipse: s-maj=4.0km s-min=2.8km az=344.0

MEX 28 12:56:38.6±1.1, 16°47'N, 03°05'W, 11W, 0.02, h11km, Md4.4, ISC 28 12:56:38.6±1.1, 16°48'N, 03°05'W, 11W, 0.02, h11km, n64, c1946/114, Oaxaca

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Matias Romero, Huatulco, Uxuv, Oaxaca, etc.

ISC 28 13:03:08.3±1.0, 9°01'S, 108°63'W, h0km, mb3.77, mbmp3.77, Error ellipse: s-maj=4.61km s-min=24.3km az=75.0

GCMT 28 13:03:14.0±0.3, 8°99'S, 02°108'94W, 0.02, h12km, MW4.9/93, Moment Tensor Solution, s23, c29; S93, c124; Duration: 0 Moment tensor: Scale 10^16Nm, M1:1.65e-12; M2:0.98e-11; M3:0.66e-12; M4:0.14e-31; M5:2.36e-07; M6:0.78e-33; Best double couple: M2:69300; 10^16; NP1:81.00000°, 1-36.00000°, 1-32.00000°; Principal axes: 198.00000°, 663.00000°, 1-134.00000°

T 3.2750, Plg7.0000°, Azm316.0000°; N -1.1610, Plg39.0000°, Azm220.0000°; P -2.1110, Plg50.0000°, Azm55.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function

ISC 28 13:03:10.7±1.0, 9°05'02.108°6'W, 0.3, h15km, n19, c070/10, mb3.77, Central East Pacific Rise

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like H03N2, H03N1, TXAR, LPAZ, NVAR, PDAR, YKA, ILAR, GQSA, H11S2, H11S1, H11S3, H11N3, H11N2, H11N1, BVAR, CMAR.

ISC 28 13:05:57.9±1.0, 9°01'S, 108°76'W, h0km, mb3.9/8, mbmp3.9/8, Error ellipse: s-maj=45.0km s-min=24.2km az=76.0

NEIC 28 13:06:02.6±1.4, 8°9'S, 0°1', 108°7'W, 0.1, h10km, 1km, mb4.7/77, Error ellipse: s-maj=24.5km s-min=22.4km az=24.0

ISC 28 13:06:00.8±0.8, 8°9'S, 0°1', 108°7'W, 0.1, h10km, n85, c115/59, mb4.6/45, Central East Pacific Rise

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like TAOE, BOAB, OTAV, H03N2, H03N1, 833A, TXAR, DRIO, PATC, SAND, VHRN, LPAZ, LPAZ, MNTX, TUC, BRDY, 121A, X18A, TASM, W13A, GWMY, MIAR, MIAR, LCMT, MVCO, TPNV, PRN, SDCO, HMU, FCAR, FCAR, NVAR, NVAR, P17A, MPU, DUG, DUG, CCM, CCM, ELK, ELK, T47A, T47A, HWUT, HWUT, H11S2, PDAR, PDAR, MFID, MFID, HLID, J08A.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BCYI, YMR, YHL, ULM, ULM, YKA, YKA, M30M, L22K, ILAR, ILAR, WRH, INK, ILON, ILON, E27K, H21K, E25K, GQSA, GQSA, H19K, K13K, F20K, D34K, CMAR, CMAR, H11S2, H11S1, H11S3, H11N3, H11N2, H11N1, BVAR, CMAR, CMAR.

ISC 28 13:12:02.5±0.8, 8°9'S, 108°45'W, h0km, mb3.7/11, mbmp3.7/11, MS4.4/34, Error ellipse: s-maj=38.6km s-min=18.1km az=68.0

GFZ 28 13:12:08.7±0.8, 8°9'S, 108°84'W, h14km, MW5.2, Moment Tensor Solution, s41 Moment tensor: M1:0.72; M2:3.35; M3:2.45; M4:1.41; M5:0.37; M6:0.02; Fault plane solution: NP1:182.00000°, 1-36.00000°, 1-32.00000°; NP2:189.00000°, 81.00000°, 180.00000°; Principal axes: T 9.3200, Plg7.0000°, Azm145.0000°; N -0.7600, Plg61.0000°, Azm282.0000°; P -8.5500, Plg6.0000°, Azm54.0000°

GCMT 28 13:12:08.9±0.1, 9°02'S, 0°1', 108°9'W, 0.01, h12km, MW5.2/140, Moment Tensor Solution, s82, c127; s140, c254; Duration: 190 Moment tensor: Scale 10^16 Nm; M1:1.30e-12; M2:0.92e-12; M3:0.67e-09; M4:0.43e-32; Best double couple: M8:63700; 10^16; NP1:95.00000°, 887.00000°, 277.00000°; NP2:95.00000°, 887.00000°, 13.00000°; Principal axes: T 9.5160, Plg4.0000°, Azm320.0000°; N -1.3500, Plg6.0000°, Azm133.0000°; P -8.1500, Plg0.0000°, Azm230.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 28 13:12:08.9±1.2, 8°9'S, 0°1', 108°7'W, 0.07, h10km, 1km, mb4.7/10, Error ellipse: s-maj=21.1km s-min=5.6km az=209.0

ISC 28 13:12:06.5±0.6, 8°9'S, 0°10', 108°9'W, 0.1, h10km, n142, c1970/81, mb4.6/58, MS4.5/37, Central East Pacific Rise

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like H03N2, H03N1, H03N3, ROSC, HSIG, HSIG, TXAR, TXAR, TX31, DRIO, PB18, SAND, SAND, HMBG, HMBG, HND0, ALPN, VHRN, PB01.

2013

Table of 2013 seismic events with columns for station, magnitude, time, location, and other parameters.

2020 JAN

Table of 2020 January seismic events with columns for station, magnitude, time, location, and other parameters.

28d 14h

Table of seismic events from the last 28 days and 14 hours, including station, magnitude, time, location, and other parameters.

2015

Table with columns: ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like P23K, K20K, N15K, etc.

2020 JAN

Table with columns: ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like IM20, J25K, GRNC, etc.

28d 14h

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like SOMN, ZALV, HHC, etc.

28d 14h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters for various stations.

2020 JAN

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters for various stations.

2016

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters for various stations.

28d 15h

2020 JAN

2018

Table with columns: NAZ, Nazwa, Dubai, SNR, P, Pn, 15 25 58.1 +1.8, etc. Lists various flight routes and schedules.

Table with columns: MARDIN, GURO, SEKA, AKT, etc. Lists various flight routes and schedules.

Table with columns: ATD, ELL, ELL, ELL, etc. Lists various flight routes and schedules.

2019

2020 JAN

28d 15h

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

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

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

28d 15h

Table with columns for station name, frequency, power, and other parameters. Includes stations like CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, and various other regional stations.

2020 JAN

Table with columns for station name, frequency, power, and other parameters. Includes stations like XLT XiLinHaoTe, KBS Kingsbay, and various other regional stations.

2020

Table with columns for station name, frequency, power, and other parameters. Includes stations like MRSI Marisa, FRB Froisher Bay, and various other regional stations.

NAO 28 15:38:30.4, 35:04N-27:92E, h10km, MB5.3
NIC 28 15:38:31.6, 35:13N-27:93E, h0km, M5.1/17
BUJ 28 15:38:31.9, 34:93N-27:87E, h36km, MB5.6/57, mb5.2/80, M5.5/76, M5.7/6

28th 15h

Table with columns for station name, frequency, power, and other technical details. Includes stations like GHAJ, IDAN, NEST, etc.

2020 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like GIRR, ANN, DRGR, etc.

2022

Table with columns for station name, frequency, power, and other technical details. Includes stations like MODS, AK07, SMOL, etc.

2023

Table with columns for location, name, time, and status. Includes entries like KHC Kasperske Hory, FETA Feichten, etc.

2020 JAN

Table with columns for location, name, time, and status. Includes entries like STU Stuttgart, STU Stuttgart, etc.

28d 15h

Table with columns for location, name, time, and status. Includes entries like SLWR La Murta, EMUR Matsula, etc.

28d 15h

2020 JAN

2026

Table with columns for station code, name, coordinates, and various performance metrics (e.g., pmax, pmax, 15 49 27.3 -0.7).

Table with columns for station code, name, coordinates, and various performance metrics (e.g., BILIBINO, 72.49 15ceP, P pmax, 15 49 59.8 -0.3).

Table with columns for station code, name, coordinates, and various performance metrics (e.g., E23K Chandalar, 77.08 359 P P, 15 50 26.1 -0.7).

Table with columns: BRTR, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Keskim Array B, Mount Meron Ar, Malin Array Be, etc.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like DEPR, MOMR, BILL, SEY, YAK, etc.

Table with columns: TNA, Tin City, Time, Res, ISC, h, m, s, ISC. Includes stations like TNA, Tin City, ANM, ANM, G16K, etc.

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

Table with columns: IDE, Isla Desecheo, Time, Res, ISC, h, m, s, ISC. Includes stations like IDE, Isla Desecheo, GCPR, Guaynabo City, etc.

MOS 28 16:33:35.0±0.9, 42.925N; 144.90E, h62km, mb4.5/1, Error ellipse: s-maj=16.0km s-min=9.4km az=82.0

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

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

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

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

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

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

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

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

Table with columns: YSS, comp, station name, time, and other parameters. Includes stations like Yuzhno-Sakhal, Matushiro Arr, Hailar Array, etc.

ROM 28 16:37:34.7±0.1, 42.722N:0.002±13.250E:0.004, h8km, ML3, 3/176, Error ellipse: s-maj=0.3km s-min=0.2km az=240.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SAN MARTINO, Matera, Leonessa, etc.

Main table with columns: RM33, Pellescrita, time, and other parameters. Includes stations like Pellescrita, Montemonte, Monte Cornacci, etc.

Table with columns: OFFI, comp, station name, time, and other parameters. Includes stations like Sant'Angelo in, Fiamignano, Terni, etc.

2033

T0110	comp=N,7545µm,1.2s	AML	AML						
T0110	comp=E,9970µm,1.6s	AML	AML						
T0110	comp=N,7545µm,0.8s	AML	AML						
T0110	comp=E,9994µm,0.4s	AML	AML						
T0110	comp=N,7100µm,0.3s	AML	AML						
TRE1	Treia	0.62	6	P	Pg	16 37 47.1 -0.1			
TRE1	comp=N,13700µm,0.4s	AML	AML	S	Sg	16 37 55.6 +0.1			
TRE1	comp=N,12300µm,0.5s	AML	AML	S	Sg				
TRE1	comp=N,13670µm,0.4s	AML	AML	S	Sg				
TRE1	comp=E,12323µm,0.5s	AML	AML	S	Sg				
CADA	Capodarco di F	0.64	38	P	Pb	16 37 48.0 -0.4			
EL6	Elicito	0.65	352	P	Pg	16 37 46.6 -1.0			
EL6	comp=E,3885µm,1.5s	AML	AML	S	Sg	16 37 55.8 -0.3			
EL6	comp=N,5420µm,0.4s	AML	AML	S	Sg				
EL6	comp=E,3885µm,0.5s	AML	AML	S	Sg				
EL6	comp=E,3534µm,0.3s	AML	AML	S	Sg				
EL6	comp=N,5424µm,0.4s	AML	AML	S	Sg				
EL6	comp=N,5420µm,1.6s	AML	AML	S	Sg				
ATCC	AVT- Casa Cast	0.65	319	P	Pg	16 37 47.3 -0.5			
ATCC	comp=E,4390µm,1.4s	AML	AML	S	Sb	16 37 57.4 -0.3			
ATCC	comp=N,4275µm,0.2s	AML	AML	S	Sb				
ATCC	comp=E,4390µm,0.6s	AML	AML	S	Sb				
ATCC	comp=N,4273µm,0.2s	AML	AML	S	Sb				
ATCC	comp=E,3553µm,0.3s	AML	AML	S	Sb				
PTQR	Pietraquaria	0.68	169	P	Pg	16 37 47.9 -0.4			
PTQR	comp=E,780µm,1.1s	AML	AML	S	Sb				
PTQR	comp=N,687µm,0.8s	AML	AML	S	Sb				
PTQR	comp=N,687µm,1.2s	AML	AML	S	Sb				
PTQR	comp=E,737µm,0.3s	AML	AML	S	Sb				
PTQR	comp=E,779µm,1.1s	AML	AML	S	Sb				
PTQR	comp=N,687µm,0.8s	AML	AML	S	Sb				
CING	Cingoli	0.69	358	P	Pg	16 37 47.3 -1.1			
CING	comp=E,1401µm,0.7s	AML	AML	S	Sb	16 37 57.9 -0.8			
FOSV	Fossato di Vic	0.69	331	P	Pg	16 37 47.8 -0.8			
FOSV	comp=N,2745µm,0.3s	AML	AML	S	Sb	16 37 58.4 -0.5			
FOSV	comp=E,1495µm,0.2s	AML	AML	S	Sb				
FOSV	comp=E,1494µm,0.2s	AML	AML	S	Sb				
FOSV	comp=N,2745µm,0.3s	AML	AML	S	Sb				
SRES	S.Oreste - Sor	0.69	230	P	Pb	16 37 48.6 -0.6			
SRES	comp=E,1400µm,0.7s	AML	AML	S	Sb				
SRES	comp=N,1360µm,0.4s	AML	AML	S	Sb				
SRES	comp=N,1360µm,0.4s	AML	AML	S	Sb				
SRES	comp=E,1401µm,0.7s	AML	AML	S	Sb				
CIMA	Civitanova Mar	0.70	28	P	Pg	16 37 48.6 -0.6			
CIMA	comp=E,4896µm,0.9s	AML	AML	S	Sb				
CIMA	comp=N,4175µm,0.3s	AML	AML	S	Sb				
CIMA	comp=N,4175µm,0.3s	AML	AML	S	Sb				
CIMA	comp=E,4670µm,0.7s	AML	AML	S	Sb				
CIMA	comp=N,4170µm,0.3s	AML	AML	S	Sb				
CIMA	comp=E,4670µm,1.3s	AML	AML	S	Sb				
CIMA	comp=N,4171µm,0.3s	AML	AML	S	Sb				
PP3	Marcolino	0.74	22	P	Pg	16 37 49.1 -0.4			
MTCE	Montecelio	0.76	208	P	Pb	16 37 49.5 -0.8			
MTCE	comp=N,1003µm,1.4s	AML	AML	S	Sb				
MTCE	comp=E,2295µm,0.5s	AML	AML	S	Sb				
MTCE	comp=N,1003µm,0.6s	AML	AML	S	Sb				
MTCE	comp=N,989µm,0.5s	AML	AML	S	Sb				
MTCE	comp=N,2295µm,0.5s	AML	AML	S	Sb				
CERT	Cerreto	0.76	194	P	Pg	16 37 49.5 -0.3			
CERT	comp=E,1820µm,0.7s	AML	AML	S	Sb				
CERT	comp=N,1905µm,0.5s	AML	AML	S	Sb				
CERT	comp=E,1820µm,1.3s	AML	AML	S	Sb				
CERT	comp=N,1905µm,0.5s	AML	AML	S	Sb				
CERT	comp=E,1819µm,0.7s	AML	AML	S	Sb				
MURB	Monte Urbino	0.77	318	P	Pg	16 37 49.3 -0.6			
MURB	comp=E,6075µm,0.2s	AML	AML	S	Sb				
MURB	comp=N,6265µm,1.0s	AML	AML	S	Sb				
MURB	comp=E,6180µm,0.7s	AML	AML	S	Sb				
MURB	comp=N,6265µm,1.0s	AML	AML	S	Sb				
MURB	comp=N,6575µm,0.9s	AML	AML	S	Sb				
MURB	comp=E,6074µm,0.2s	AML	AML	S	Sb				
MURB	comp=E,5831µm,0.2s	AML	AML	S	Sb				
MURB	comp=N,6152µm,0.3s	AML	AML	S	Sb				
MURB	comp=N,6479µm,0.3s	AML	AML	S	Sb				
MURB	comp=E,6180µm,1.3s	AML	AML	S	Sb				
MMUR	Monte Murano	0.77	348	P	Pg	16 37 49.2 -0.7			
MMUR	comp=E,4695µm,0.4s	AML	AML	S	Sb				
MMUR	comp=N,2385µm,0.3s	AML	AML	S	Sb				
MMUR	comp=N,2388µm,0.3s	AML	AML	S	Sb				
MMUR	comp=E,4697µm,0.4s	AML	AML	S	Sb				
SSFR	Montelago di S	0.81	337	P	Pg	16 37 49.9 -0.9			
SSFR	comp=N,1455µm,0.4s	AML	AML	S	Sb	16 38 01.6 -0.7			
ATTE	AVT- Monte Tez	0.81	309	P	Pg	16 37 50.1 -1.1			
ATTE	comp=N,1455µm,0.4s	AML	AML	S	Sb	16 37 50.4 -0.4			
ATTE	comp=N,1455µm,1.6s	AML	AML	S	Sb	16 38 02.0 -0.4			
ATTE	comp=E,1380µm,0.3s	AML	AML	S	Sb				
ATTE	comp=N,1459µm,0.4s	AML	AML	S	Sb				
ATTE	comp=E,1378µm,0.3s	AML	AML	S	Sb				
ATFO	Monte Foce - G	0.83	325	P	Pg	16 37 50.2 -0.8			
ATFO	comp=N,1455µm,0.4s	AML	AML	S	Sb	16 38 01.6 -0.3			
ATSC	Scheggia e Pas	0.83	332	P	Pg	16 37 50.1 -1.1			
ARVD	Arechia	0.83	346	P	Pg	16 37 50.0 -1.2			
ARVD	comp=N,1300µm,0.5s	AML	AML	S	Sb	16 38 02.2 -0.7			
ARVD	comp=N,1300µm,0.5s	AML	AML	S	Sb				

2020 JAN

ARVD	comp=E,1200µm,0.6s	AML	AML						
INTR	comp=N,1296µm,0.5s	AML	AML						
INTR	Introdacqua	0.85	143	P	Pg	16 37 50.5 -0.9			
INTR	comp=E,2080µm,0.5s	AML	AML	S	Sb	16 38 03.6 -1.9			
INTR	comp=N,2635µm,0.6s	AML	AML	S	Sb				
INTR	comp=E,2082µm,0.5s	AML	AML	S	Sb				
INTR	comp=N,2638µm,0.6s	AML	AML	S	Sb				
MGAB	Montegabbione	0.85	286	P	Pb	16 37 51.2 -0.6			
MGAB	comp=E,4390µm,1.1s	AML	AML	S	Sb				
MGAB	comp=N,3785µm,1.3s	AML	AML	S	Sb				
MGAB	comp=N,3785µm,0.7s	AML	AML	S	Sb				
MGAB	comp=E,4590µm,1.1s	AML	AML	S	Sb				
MGAB	comp=N,3785µm,0.7s	AML	AML	S	Sb				
MGAB	comp=E,3995µm,0.5s	AML	AML	S	Sb				
MGAB	comp=E,4092µm,0.5s	AML	AML	S	Sb				
MGAB	comp=N,3254µm,0.3s	AML	AML	S	Sb				
MGAB	comp=N,3766µm,0.3s	AML	AML	S	Sb				
MGAB	comp=N,3585µm,0.8s	AML	AML	S	Sb				
ATLO	AVT- Monte V	0.86	317	P	Pg	16 37 50.9 -0.9			
RCAV	Rocca di Cave	0.87	194	P	Pn	16 37 52.6 -0.8			
RCAV	comp=E,1560µm,0.6s	AML	AML	S	Sb				
RCAV	comp=N,1420µm,0.5s	AML	AML	S	Sb				
RCAV	comp=N,1419µm,0.5s	AML	AML	S	Sb				
RCAV	comp=E,1557µm,0.6s	AML	AML	S	Sb				
VVLD	Villa Vallelon	0.87	160	P	Pb	16 37 51.9 -0.5			
VVLD	comp=E,859µm,0.5s	AML	AML	S	Sb				
VVLD	comp=E,895µm,0.5s	AML	AML	S	Sb				
VVLD	comp=N,1250µm,0.8s	AML	AML	S	Sb				
VVLD	comp=E,895µm,0.5s	AML	AML	S	Sb				
VVLD	comp=N,1248µm,0.8s	AML	AML	S	Sb				
VVLD	comp=N,1247µm,0.8s	AML	AML	S	Sb				
VVLD	comp=N,1245µm,0.8s	AML	AML	S	Sb				
GUAR	Guarino	0.90	176	P	Pn	16 37 53.2 -0.5			
TB01	Gubbio	0.90	320	P	Pb	16 37 51.5 -1.2			
TB01	comp=N,1860µm,0.9s	AML	AML	S	Sb	16 38 04.6 -0.2			
AOI	Ancona	0.90	18	P	Pb	16 37 51.5 -1.3			
AOI	comp=E,1955µm,0.6s	AML	AML	S	Sb				
AOI	comp=N,1860µm,1.1s	AML	AML	S	Sb				
AOI	comp=N,1860µm,1.1s	AML	AML	S	Sb				
AOI	comp=E,1957µm,0.6s	AML	AML	S	Sb				
AOI	comp=N,1775µm,0.3s	AML	AML	S	Sb				
ATVA	AVT- Monte V	0.90	311	P	Pb	16 37 51.7 -1.2			
ATBU	Serra di Buran	0.93	328	P	Pb	16 37 52.2 -1.1			
TB03	Pietralunga	0.93	320	P	Pb	16 37 52.0 -1.2			
PCRO	Pietralacroce	0.94	14	P	Pg	16 38 05.3 +0.3			
ATMI	Monte Miggiano	0.95	313	P	Pg	16 37 53.4 +0.1			
ATMI	comp=E,3390µm,0.6s	AML	AML	S	Sb	16 37 53.2 -0.2			
ATMI	comp=N,3650µm,0.3s	AML	AML	S	Sb				
ATMI	comp=N,3645µm,0.3s	AML	AML	S	Sb				
ATMI	comp=N,3645µm,0.3s	AML	AML	S	Sb				
CORI	Corinaldo	0.95	350	P	Pb	16 37 53.0 -0.7			
CORI	comp=E,3720µm,0.5s	AML	AML	S	Sb				
CORI	comp=N,4060µm,0.5s	AML	AML	S	Sb				
RMP	Rome, Mte Porz	0.96	204	P	Pn	16 37 53.8 -0.7			
LPEL	Lama dei Pelig	0.96	132	P	Pb	16 37 52.4 -1.4			
LPEL	comp=E,1745µm,1.5s	AML	AML	S	Sb	16 38 05.6 -0.9			
LPEL	comp=E,1760µm,0.6s	AML	AML	S	Sb				
LPEL	comp=N,2215µm,0.5s	AML	AML	S	Sb				
LPEL	comp=N,2190µm,0.5s	AML	AML	S	Sb				
LPEL	comp=E,1698µm,0.2s	AML	AML	S	Sb				
LPEL	comp=N,2082µm,0.3s	AML	AML	S	Sb				
LPEL	comp=N,2124µm,0.3s	AML	AML	S	Sb				
LPEL	comp=E,1745µm,0.5s	AML	AML	S	Sb				
ATPC	Poggio Castell	0.97	325	P	Pb	16 37 53.2 -0.7			
ATPI	Pietralunga -	0.97							

2035

Table with columns: ANM, Nome, 15.56, 24, P, P, 16.45, 22.5, 0.0. Rows include ANM, ANM, ANM, ANM, P17K, TNA, N17K, N17K, ACHA, J16K, F14K, SII, SII, SII, M17K, M17K, Q18K, Q18K, L17K, P18K, P18K, I17K, H16K, N18K, N18K, K17K, J17K, F15K, OHAK, OHAK, OHAK, L18K, L18K, M18K, Q19K, Q19K, O19K, G16K, N19K, KDAK, KDAK, KDAK, KDAK, P19K, Q20K, J18K, L19K, H18K, F17K, HOM, M20K, J19K, GCSA, SPCR, BILL, BILL, BILL, G18K, K20K, BRSE, MA2, MA2, MA2, MA2, D17K, C16K, H19K, J20K, RDOG, RDOG, E18K, PPLA, G19K, SEY, SEY, SEY, SEY, SUA, I20K, SEW, S17K, H20K, CHUM, RC01, L22K, CUT.

2020 JAN

Table with columns: CUT, Chulitna, 19.63, 43, P, P, 16.46, 07.5, +0.1. Rows include KTH, KTH, C18K, PMR, PMR, E19K, TRF, TRF, BPAW, BPAW, BPAW, F20K, KNK, H21K, H21K, I21K, P23K, SML, D19K, WAT1, M23K, GLI, GLI, MCK, MCK, MCK, SCM, SCM, WAT6, F21K, NEA2, NEA2, DHY, DHY, I23K, EYAK, KLU, WRH, WRH, M24K, COLA, COLA, COLA, KAIM, C21K, HDA, BMRM, POKR, HARP, COLD, PAX, PAX, ILAR, ILAR, ILAR, ILAR, ILAR, N25K, H24K, K24K, D22K, RIDG, VRDI, J25K, CRQE, E23K, G24K, MCARA, DOT, PRP, D23K, SCRK, L26K, L26K, M26K, TOLK, E24K, B22K, A21K, A22K, GRNC, J26L, BARN, M27K, M27K, CTG, CTGM.

Table with columns: D24K, Happy Valley, 23.41, 28, P, P, 16.46, 47.4, -0.2. Rows include TYV, TYV, TYV, TYV, TYV, LOGN, L27K, BCAR, BCAR, PINM, BVCY, E25K, BMR, O28M, YUK3, F26K, YUK8, D25K, I27K, UGL, UGL, UGL, UGL, H27K, O29M, YSS, YSS, YSS, YSS, YSS, G27K, YUK4, DAWY, DAWY, DAWY, YUK6, I28M, M29M, C26K, L29M, C27K, HYT, E27K, J29N, N30M, I29M, I29M, K29M, F28M, M30M, H29M, D27M, O30N, JKA, ASAJ, ASAJ, ASAJ, G29M, N31M, E28M, J30M, SKAG, SIT, EPYK, WHY, E29M, D28M, R32K, S32K, M31M, P32M, F30M, GRNR, GRNR, H31M, H31M, U33K, F31M, Q32M, CRAG, INK.

28d 16h

28K 16h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like INK, R33M, V35K, DLBC, YAK, etc.

2020 JAN

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CIT, RES, BMO, JMTM, MSO, etc.

2036

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like FCC, TCUT, GUMO, PSUT, PDAR, etc.

28d 18h

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include HUIG Huatulco, NEUV Arroyo Zacate, etc.

IDC 28 17:52:12.7.2.0.35.146Sx179.32W, h0km, mb3.9/2, mbtmp3.9/3, ML3.5/1, Error ellipse: s-maj=68.2km, s-min=38.0km az=149.0

NEIC 28 17:52:16.4.1.9.35.80S:0.04:179.5W, h10km, 1km, mb4.2/8, Error ellipse: s-maj=17.1km s-min=5.0km az=110.0

WEL 28 17:52:16.7.0.7.35.5.6x17.9W, 1.0, h33km, M4.1/13, ML4.0/15, MLv4.1/13, Error ellipse: s-maj=14.4km s-min=3.8km az=116.4, confirmed

ISC 28 17:52:19.1.0.9.35.67S:0.07:179.37W, h0.09, h41km, n63, e178/79, mb4.1/5, East of North Island

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include MXZ Matakaoa Point, WMGZ Waiomatatini S, PKGZ Pakihiroa, etc.

URZ Urewera 3.82 226 Pn Sn 17 53 59.4 +0.3

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include URZ Urewera, SNGZ Shannon Statio, MHGZ Mahia Peninsul, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include TOZ Tahuroa Road, MKAZ Moumakai, BKZ Black Stump Fm, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include MRZ Mangatainoka R, GLKZ Green Lake, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include INKA Innaminka, BBOO Buckleboole, COEN Coen, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include ASAR Alice Springs, WRA Warramunga Arr, BELA Belgrano 2, etc.

SDD 28 17:52:54.9.2.0.20.06N:70.50W, h12km, 50km, MD3.6, ML3.0, MW3.3, Presumed earthquake

OSPL 28 17:52:56.1.2.7.19.96N:70.44W, h0km, 13km, ML2.8, Presumed earthquake

ISC 28 17:52:54.0.1.1.20.03N:0.04:70.44W, 0.03, h18km, 63km, n24, e096/36, 4C-4D, Dominican Republic region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include SODR Sossua Marina B, LUDR Luperon, SC01 Santiago de lo, etc.

2020 JAN

Main table for 2020 JAN with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include MCDR Montecristi, MCDR comp=E,278nm,0.1s, MCDR comp=N,302nm,0.2s, etc.

RSPR 28 17:55:31.6.7.19.91N:66.94W, h8km, MD3.1/8, h10km, 1km, ML2.5/3, MD3.1/8, RSPR, 6C-3D, for ellipse: s-maj=7.6km s-min=2.8km az=351.0, Puerto Rico region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include GBPR Guanica, Bosqu, GBPR Maguayes, CRPR Cabo Rojo, etc.

2040

JMA 28 17:56:29.8.0.1.29.2N:0.4:130.4E, 0.8, h63km, 2km, MV3.2/32, NEAR AMAMI-OISHIMA ISLAND

ISC 28 17:56:29.2.1.0.29.17N:0.06:130.53E, 0.09, h40km, n20, e135/23, mb3.7/7, Ryukyu Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include JNN Nakanoshima, JYAK Yakushimahirau, JAM Amami Oshima, etc.

RSPR 28 17:58:51.3.7.19.96N:66.85W, h13km, MD2.2/8, NEIC 28 17:58:49.8.1.4.17.84N:0.03:66.85W, 0.01, h10km, 1km, ML2.6/33, MD2.2/8, RSPR, 4C-4D, Error ellipse: s-maj=5.4km s-min=2.9km az=7.0, Puerto Rico region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Rows include GBPR Guanica, Bosqu, GBPR Maguayes, CRPR Cabo Rojo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KNRA, FAKI, SANI, KMPI, BASI, WSI, SUJI, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB01, PB02, PB03, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEIC 28, GUC 28, GFZ 28, etc.

28d 18h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like AC06, MT05, ZON, VA05, etc.

2020 JAN

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like ATAH, ARAC, VAO, etc.

2042

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like DBIC, SADO, MAW, etc.

ISK 28 18:22:52.9, 34.811N-27.84E, h12km, ML2.9/12
GII 28 18:22:54.0, 0.0, 34.95N-0.01x-27.752E, 0.004, h0km,
MMS-0 confirm

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Resolution. Includes stations like KARP, ZKR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSHST, HMDT, YTHR, etc.

ATH 28 18:29:48.0, 34.90°N, 28.52°E, h53km, 20km, ML3.4/4, Manual Solution by A. Papageorgiou First location: 2020/01/28 18:31:17, This location: 2020/01/28 19:15:30 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 3 km; Longitude uncertainty: 5 km

Main table for 2043 listing stations like KARP, KSS1, ARG, etc. with their respective coordinates and data.

NEIC 28 18:33:30.1 ± 1.1, 19.06°N, 0.04:67.56W ± 0.04, h12km, 5km, ML3.2/3, MD3.0/7(RSPR), Error ellipse: s-maj=7.4km s-min=3.0km az=214.0

Table for 2043 listing stations like IDE, AGPR, HFS, etc. with their respective coordinates and data.

Table for 2020 JAN listing stations like EMPTR, UUPR, CABO ROJO, etc. with their respective coordinates and data.

ATH 28 18:48:28.3 ± 1.6, 35.15°N, 27.86°E, h0km, mb3.4/3, mbmp3.3/4, ML3.5/1, MS4.2/1, Error ellipse: s-maj=52.5km s-min=26.6km az=171.0

Main table for 2020 JAN listing stations like KARP, ARG, GBRP, etc. with their respective coordinates and data.

AFAD 28 18:48:28.0, 35.01°N, 27.79°E, h29km, ML2.9 ISK 28 18:48:29.9, 35.26°N, 27.95°E, h5km, ML3.0/1.6 THE 28 18:48:33.0, 35.12°N, 27.86°E, h2km, 14km, M2.9/11, ML2.9/11

Table for 2020 JAN listing stations like KARP, ARG, GBRP, etc. with their respective coordinates and data.

Table for 28d 18h listing stations like DATC, TURN, TURUN, etc. with their respective coordinates and data.

NEIC 28 18:50:22.3 ± 0.9, 18.99°N, 0.05:67.62W ± 0.04, h14km, 2km, ML3.0/37, MD2.6/7(RSPR), Error ellipse: s-maj=7.9km s-min=4.5km az=220.0

Main table for 28d 18h listing stations like IDE, AGPR, MBAR, etc. with their respective coordinates and data.

OSPL 28 18:50:22.1 ± 1.1, 19.17°N, 67.48W, h0km, 10km, ML2.7, Presumed earthquake RSPR 28 18:50:24.5, 18.90°N, 67.73W, h7km, 31km, MD2.6/7, SDD 28 18:50:24.2 ± 1.3, 18.93°N, 67.69W, h19km, 26km, MD3.3, ML2.9, MW3.2, Presumed earthquake

ISC 28 18:50:23.5 ± 1.4, 18.94°N, 0.06:67.65W ± 0.03, h21km, 4km, n46, c09/60/3C-10D, Mona Passage Presumed earthquake

Table for 28d 18h listing stations like IDE, AGPR, MBAR, etc. with their respective coordinates and data.

28d 19h

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

RSPPR 28 19:05:56.1, 17.91N, 66.75W, h6km, 1km, MD3.2/5
NEIC 28 19:05:55.7, 0.9, 17.90N, 0.2, 66.75W, 0.01, h11km, 3km,
ML3.4/35, MD3.2/5 (RSPPR), 1C-5D, Error ellipse:
s-maj=3.2km s-min=1.1km az=157.0, Puerto Rico
region

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

2020 JAN

Main table with columns: GDHS, IAML, Time, Res. Includes various seismic event listings with detailed parameters like magnitude, depth, and location.

2044

Table with columns: GTBY, IAML, Time, Res. Includes stations like Guanantamo Bay, Nuevo Mundo, etc.

2047

Table with columns: IASO, Location, Frequency, Band, Power, and other technical details. Includes entries like Idaho Springs, Tucson, and various mountain ranges.

2020 JAN

Table with columns: AHID, Location, Frequency, Band, Power, and other technical details. Includes entries like Auburn Hatcher, Long Hollow, and various mountain ranges.

28d 19h

Table with columns: ISA, Location, Frequency, Band, Power, and other technical details. Includes entries like Tinemaha, Mina Array, and various mountain ranges.

28d 19h

Table with columns: Station, Name, Az, El, P, I, M, S, Az, El, P, I, M, S. Includes stations like PSBE So Bento, J25K Salcha River, K24K Donnelly Dome, etc.

2020 JAN

Table with columns: Station, Name, Az, El, P, I, M, S, Az, El, P, I, M, S. Includes stations like PBEJ Beja, PBDV Barranco-do-Ve, MTE Manteigas, etc.

2050

Table with columns: Station, Name, Az, El, P, I, M, S, Az, El, P, I, M, S. Includes stations like NEA2 comp=Z,626um,19.0s, NEA2 Nenana, ILTH Beluragan, etc.

2051

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Time. Includes stations like H22K, PPLA, JMJC, etc.

2020 JAN

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Time. Includes stations like ESDC, J20K, F21K, etc.

28d 19h

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Time. Includes stations like GCSA, O17K, N17K, etc.

28d 19h

Table with columns for station ID, name, frequency, power, and status. Includes stations like I17K Unalakleet, C18K Utukok River, M15K Kasigluk River, etc.

2020 JAN

Table with columns for station ID, name, frequency, power, and status. Includes stations like C16K Lisburne Hills, C16K Lisburne Hills, UCC Uccle, etc.

2052

Table with columns for station ID, name, frequency, power, and status. Includes stations like SPA0, SPA0, SPITS Spitsbergen Ar, etc.

2053

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries like DHH Diamond Head, KASTN Kahler Asten, ABSD Ouled Sidi Bra, etc.

2020 JAN

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries like BJUU Bjuv, JETT Jettan, JETT JETT, etc.

28d 19h

Table with columns for call sign, name, frequency, power, mode, and other parameters. Includes entries like ABTA Abfattersbach, CIMO Cimolais, RICC Richard, etc.

28d 19h

2020 JAN

2024

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Oulu, Pamatai, Papee, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Niedzica, Suwalki, Piskvesteto, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Valandovo, Grg, MPEP, etc.

28d 19h

Table with columns for flight codes (e.g., MRZ, ARSB, ARSB), destinations (e.g., Mangatainaka, Arslanbob), times (e.g., 11.08 233), and status (e.g., PP, P, PKP). Includes sub-sections for 28d and 19h.

2020 JAN

Table with columns for flight codes (e.g., GMLA, SMO, CGRH), destinations (e.g., Lima, Lanzhou), times (e.g., 124.71 25), and status (e.g., eP, PKP). Includes sub-sections for 2020 JAN and 2020 FEB.

2056

Table with columns for flight codes (e.g., TNCH, AGT, MORE), destinations (e.g., Agartala, Goa), times (e.g., 135.90 13), and status (e.g., eP, PKP). Includes sub-sections for 2056 and 2057.

Table with columns: Station Name, Station Name, Δ° AZ', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like PMBI Palembang, BLJI Banyuwangi, PPSI Pulau Pagai, etc.

JMA 28 19:17.5:7.0.5,27 N,2.12 E, h17km, MV2.6/8, NW OFF OKINAWAJIMA IS, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like JAGN Aguni-jima, JKE Kume jima 2, etc.

NEIC 28 19:27.20.0.2,3,50.90N,0.05:179.86W,0.06, h10km, 1km, mb4.0/27, ML3.8/14, ML3.5(AEIC), Error ellipse:

s-maj=9.3km s-min=6.2km az=204.0, Error ellipse: s-maj=10.9km s-min=4.6km az=179.89W,0.06, h25km,6km, IDC 28 19:27.29.5,4.0,51.43N,179.64W, h63km,25km, mb3.7/10, mbtmp4.1/13, ML4.1/2, Error ellipse: s-maj=61.4km s-min=15.7km az=180.0

ISC 28 19:27.18.8,1.9,50.81N,0.09:179.91W,0.03, h8km, 10km, n86, e129/100, mb4.3/11, Andeanof Islands

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like AMKA Amchitka, GAKI Gareloi-Kavalig, etc.

ADK Adak, comp=E, 483nm, 0.6s

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like ETKA Kagalaska Isla, GSTR Great Sitkin T, etc.

SMY Shemya, 4.19 300 Pn Pn

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like SMI Saint Paul Isl, CNBA Chernabura Isl, etc.

Table with columns: Station Name, Station Name, Δ° AZ', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like L22K Petersville, KTH Kantishta Hill, etc.

YKAW1 Yellowknife Wh, BOZ Bozeman (W), YHH Holmes Hill, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like YKAW1 Yellowknife Wh, BOZ Bozeman (W), etc.

NOA NORSAR Array B, HFS Hagfors, etc.

NOA NORSAR Array B 68.134 354 P 19 38 18.9 0.0, HFS Hagfors 68.86 353 P 19 38 22.9 -0.4

NOU 28 19:28.04.0, 20:28.175:34W, h36km, mb4.5/13, Tonga Islands

NEIC 28 19:28.47.9, 1.6, 23.33S:0.2, 179.5W:0.1, h49,1km,6km, mb5.0/24, Error ellipse: s-maj=25.0km s-min=14.9km az=164.0, IDC 28 19:28.52.1, 4.9, 23.40S:0.179.86W, h534km, 53km, mb3.6/6, mbtmp4.5/7, Error ellipse: s-maj=40.8km s-min=28.6km az=176.0

ISC 28 19:28.51.7, 0.5, 23.33S:0.06:179.8W:0.1, h532km, n105, e155/111, mb4.9/16, South of Fiji Islands

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like MSVF Nonsavu, GLKZ Green Lake, etc.

URZ Ureweira, URZ Ureweira, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like URZ Ureweira, URZ Ureweira, etc.

MOVZ Moavhango, KRHZ Kereru, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like MOVZ Moavhango, KRHZ Kereru, etc.

Table with columns: Station Name, Station Name, Δ° AZ', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like PEAOB Petropavlovsk-IPoh, PETK Petropavlovsk-IPoh, etc.

CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

PDAR Pinedale Array, KURBB Kurchatov Arr, etc.

PDAR Pinedale Array 92.15 44 P 19 41 05.9 +1.3, KURBB Kurchatov Arr 114.97 317 PKP PKPdf 19 46 05.5 -0.9

FINES Fines Array B, FINES ARCESS Array B, etc.

FINES Fines Array B 68.137 342 P 19 47 02.7, FINES ARCESS Array B 131.37 348 PKP PKPdf 19 47 02.2 -0.4

NOA NORSAR Array B, HFS Hagfors, etc.

NOA NORSAR Array B 141.55 351 PKNPK PKPPr 19 47 17.1, HFS Hagfors 142.03 349 PKNPK PKPPr 19 47 18.3

AKASG Malin Array B, AKASG Malin Array B, etc.

AKASG Malin Array B 144.60 328 PKP PKPdf 19 47 26.1 -1.3, AKASG Malin Array B 144.80 328 PKP PKPdf 19 47 26.3 -1.1

BRTR Keskin Arr B, BRTR Keskin Arr B, etc.

BRTR Keskin Arr B 147.39 308 PKPbpc PKPbpc 19 47 33.8 -0.5, BRTR Keskin Arr B 147.39 308 PKPbpc PKPbpc 19 47 34.1 +1.5

EKA Eskdalemuir Arr, GERES GEOSAR Array B, etc.

EKA Eskdalemuir Arr 147.94 4 PKPbpc PKPbpc 19 47 36.0 -0.7, GERES GEOSAR Array B 152.39 342 PKPbpc PKPbpc 19 47 47.2 -0.3

NEIC 28 19:29.52.2, 1.7, 17.7S:0.1, 175.07W:0.10, h10km, 1km, mb4.8/21, Error ellipse: s-maj=19.5km s-min=15.6km az=3.0

IDC 28 19:30.00.8, 54.0, 17.48S:176.62W, h0km, mb4.4/3, mbtmp4.4/3, Error ellipse: s-maj=101.1km s-min=169.6km az=79.0

ISC 28 19:30.51.7, 0.7, 17.8S:0.1, 175.09W:0.07, h10km, n26, e085/27, mb4.8/10, Tonga Islands

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like AFI Afiamalu, NIUE Niue, etc.

STKA Stephens Creek, STKA Stephens Creek, etc.

STKA Stephens Creek 41.48 242 P 19 37 40.4 +1.4, STKA Stephens Creek 41.48 242 P 19 37 40.2 +1.1

INKA Innaminka, INKA Innaminka, etc.

INKA Innaminka 41.74 248 P 19 37 41.9 +0.7, INKA Innaminka 41.74 248 P 19 37 47.2

WRA Warramunga Arr, WRA Warramunga Arr, etc.

WRA Warramunga Arr 47.77 259 P 19 38 28.6 -0.7, WRA Warramunga Arr 47.77 259 P 19 38 29.1 -0.4

AS31 Alice Springs, ASAR Alice Springs, etc.

AS31 Alice Springs 47.87 254 P 19 38 29.9 -0.4, ASAR Alice Springs 47.87 254 P 19 38 30.4 +0.1

MTN Manton Dam, MTN Manton Dam, etc.

MTN Manton Dam 51.97 267 P 19 39 00.4 -1.0, MTN Manton Dam 51.97 267 P 19 39 02.9

SSNC 28 19:30.43.2, 1.4, 18.83N:81.34W, h36km, 99gkm, MD3.5, Presumed earthquake, North of Honduras

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like MGCV Manicaragua, MGCV Manicaragua, etc.

2020 JAN

YKA	Yellowknife Ar	49.79 339	P	P	20 08 44.6	-3.6
comp=E,0.1nm,0.5s,baz=134,slow=8.4,SNR=2.2						
ILAR	Eielson Array	64.38 334	P	P	20 10 19.4	-6.2
baz=101,slow=5.9						
FINES	FINES Array B	80 808	P	P	20 12 12.2	+6.8
comp=E,1.6nm,0.9s,baz=289,slow=8.7,SNR=5.1						
WRA	Warramunga Arr	148.94 263	PKPbc	PKPdf	20 19 36.7	-3.9
comp=E,0.5nm,0.7s,baz=87,slow=3.7,SNR=5.7						
ASAR	Alice Springs	149.43 256	PKPbc	PKPdf	20 19 38.5	-2.8
baz=96,slow=3.6						

SSNC 28 20:02:10.6:2.4, 19:31N:78:65W, h21km, 35km, MD3.4, ML3.8, Presumed earthquake
 JSN 28 20:02:10.6: 1.8, 19:29N:78:46W, h0km, 51km, MD4.2, Presumed earthquake

ISC 28 20:02:11.8:2.9, 19:29N:0:05x78:3W:0:1, h16km, 18km, n34, c1542/42, Cuba region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
MTDJ	Mount Denham	1.28 146	Op Pn	20 02 35.9	+0.7
MTDJ	Mount Denham	1.28 146	eS Pn	20 02 53.0	+1.1
MTDJ	Mount Denham	1.28 146	eS Pn	20 02 48.9	+2.9
MTDJ	Mount Denham	1.28 146	eS Pn	20 02 52.7	-0.5
MTDJ	Mount Denham	1.28 146	eS Pn	20 02 55.1	
LMGC	Las Mercedes	1.43 57	eS Pn	20 02 37.2	+0.1
LMGC	Las Mercedes	1.43 57	eS Pn	20 02 36.8	-0.3
LMGC	Las Mercedes	1.43 57	eS Pn	20 02 55.8	+0.2
CBCY	The Bluff, Cay	1.46 288	eS Pn	20 02 30.0	-7.7
CBCY	The Bluff, Cay	1.46 288	eS Pn	20 02 41.4	-15
CBCY	The Bluff, Cay	1.46 288	eS Pn	20 03 24.7	
LCCY	Blossom Villag	1.74 283	iP Pn	20 02 34.3	-7.1
LCCY	Blossom Villag	1.74 283	iP Pn	20 02 46.9	-16
LCCY	Blossom Villag	1.74 283	iP Pn	20 02 44.1	+1.1
STHY	Stony Hill	1.85 131	iP Pn	20 02 43.0	+1.1
CHIV	Chivirico	1.89 69	eS Pn	20 03 05.3	-1.7
CHIV	Chivirico	1.89 69	eS Pn	20 03 07.7	-1.6
CHIV	Chivirico	1.89 69	eS Pn	20 02 43.6	+0.1
GWJ	Greenwich	1.91 129	iP Pn	20 02 43.9	-0.1
CCCC	Cccc	1.96 14	eP Pn	20 02 44.5	+0.0
CCCC	Cccc	1.96 14	eP Pn	20 02 44.7	+0.3
YAR	Yar	2.10 59	iP Pn	20 02 47.7	+1.2
YAR	Yar	2.10 59	iP Pn	20 03 12.0	-0.4
YAR	Yar	2.10 59	iP Pn	20 03 14.7	
YAR	Yar	2.10 59	iP Pn	20 03 15.2	
YAR	Yar	2.10 59	iP Pn	20 02 47.2	+0.7
MARVS	Santiago de Cu	2.35 72	eP Pn	20 02 50.0	+0.2
MARVS	Santiago de Cu	2.35 72	eP Pn	20 03 16.8	-1.6
MARVS	Santiago de Cu	2.35 72	eP Pn	20 02 50.1	+0.2
RCC	Rio Carpintero	2.54 74	iP Pn	20 02 52.8	+0.4
RCC	Rio Carpintero	2.54 74	iP Pn	20 03 20.2	-2.7
RCC	Rio Carpintero	2.54 74	iP Pn	20 03 26.6	
RCC	Rio Carpintero	2.54 74	iP Pn	20 02 53.0	+0.6
HLGC	Holguin	2.62 52	iP Pn	20 02 56.1	+2.5
PINC	Pinares de May	2.63 63	iP Pn	20 02 55.0	+1.3
PINC	Pinares de May	2.63 63	iP Pn	20 02 55.2	+1.5
GTBY	Guantanamo Bay	3.06 78	eP Pn	20 03 01.1	+1.5
GTBY	Guantanamo Bay	3.06 78	eP Pn	20 03 00.7	+1.1
MGV	Manicaragua	3.22 331	eP Pn	20 02 56.6	+5.2
MGV	Manicaragua	3.22 331	eP Pn	20 03 30.4	-1.0
NMDO	Nuevo Mundo	3.35 67	eP Pn	20 03 05.1	+1.5
NMDO	Nuevo Mundo	3.35 67	eP Pn	20 03 04.4	+0.8
QMBU	Quimbeulo	3.39 74	iP Pn	20 03 05.3	+1.1
QMBU	Quimbeulo	3.39 74	iP Pn	20 03 45.5	+1.3
QMBU	Quimbeulo	3.39 74	iP Pn	20 03 48.2	
QMBU	Quimbeulo	3.39 74	iP Pn	20 03 49.6	
QMBU	Quimbeulo	3.39 74	iP Pn	20 03 04.8	+0.6
MOAC	Moa	3.41 66	eP Pn	20 03 06.4	+2.0
MOAC	Moa	3.41 66	eP Pn	20 03 04.8	+0.4
MASC	Masc	3.92 76	eP Pn	20 03 14.3	+2.9
MASC	Masc	3.92 76	eP Pn	20 03 13.8	+2.4
MASC	Masc	3.92 76	eP Pn	20 03 58.7	+1.7
SORA	Soroa	5.62 309	iP Pn	20 03 58.7	+1.7
SDDR	Pres de Saban	6.62 92	iP Pn	20 03 50.7	+2.1

NNC 28 20:04:49.6:0.5, 42:99N:78:65E, h4km, 3km, mb3.1, mpv2.7, Error ellipse: s-maj=5.0km s-min=1.6km az=0.0
 KRNET 28 20:04:50.3:0.1, 43:00N:78:63E, h23km, mb2.5
 SOME 28 20:04:50.6: 42:98N:78:58E, h10km
 ISC 28 20:04:50.4: 1.4, 42:98N:0:03x78:60E:0:02, h3km, 10km, n28, c0587/54, 10C-8D, Lake Issyk-Kul region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
SATY	Saty	0.16 299	Op Pn	20 04 54.2	+0.6
SATY	Saty	0.16 299	Op Pn	20 04 56.9	+1.2
UZB	Uzynbulak	0.35 62	P	20 04 57.0	-0.3
UZB	Uzynbulak	0.35 62	P	20 05 01.6	-0.3
UZB	Uzynbulak	0.35 62	eP Pn	20 04 57.0	-0.3
UZB	Uzynbulak	0.35 62	eS Pn	20 05 01.6	-0.3
UZB	Uzynbulak	0.35 62	eP Pn	20 04 57.0	-0.3
UZB	Uzynbulak	0.35 62	eS Pn	20 05 01.6	-0.3
KPKS	Kokpek	0.49 8	P	20 04 59.9	+0.1
KPKS	Kokpek	0.49 8	P	20 05 06.5	+0.3
KPKS	Kokpek	0.49 8	eP Pn	20 04 59.9	+0.1
KPKS	Kokpek	0.49 8	eS Pn	20 05 06.5	+0.3
PRZ	Przheval'sk	0.52 196j	eS Pn	20 05 01.0	+0.6
KURS	Kuram	0.59 329	P	20 05 02.1	+0.3
KURS	Kuram	0.59 329	P	20 05 10.3	+0.8
SHLS	Shalkode	0.66 74	P	20 05 08.0	+1.1
SHLS	Shalkode	0.66 74	eP Pn	20 05 08.0	+1.1
SHLS	Shalkode	0.66 74	eP Pn	20 05 08.0	+1.1
SHLS	Shalkode	0.66 74	eS Pn	20 05 04.2	+2.6
PDGG	Podgornoye	0.74 62	IP Pn	20 05 03.6	-1.0
PDGG	Podgornoye	0.74 62	IP Pn	20 05 13.4	-0.9
KOTS	Kotrybulak	1.11 284	P	20 05 11.5	-1.0
KOTS	Kotrybulak	1.11 284	P	20 05 26.3	0.0
KOTS	Kotrybulak	1.11 284	eS Pn	20 05 11.5	-1.0
KOTS	Kotrybulak	1.11 284	eS Pn	20 05 26.3	0.0
KOTS	Kotrybulak	1.11 284	eS Pn	20 05 26.3	0.0
KDJ	Kajisay	1.35 231j	eS Pn	20 05 15.5	-0.9
ARXS	Arharly	1.35 336	P	20 05 15.7	-0.7
ARXS	Arharly	1.35 336	eP Pn	20 05 33.7	-1.1
ARXS	Arharly	1.35 336	eP Pn	20 05 15.8	-0.7
ARXS	Arharly	1.35 336	eS Pn	20 05 33.7	-1.1
TARG	Taragay, Kyrgy	1.38 205j	eS Pn	20 05 15.9	-1.1
TARG	Taragay, Kyrgy	1.38 205j	eS Pn	20 05 35.1	-0.9
KTBS	Karotobe	1.57 298	P	20 05 19.7	-0.5
KTBS	Karotobe	1.57 298	P	20 05 40.4	-0.2
KTBS	Karotobe	1.57 298	eP Pn	20 05 19.7	-0.5

2020 JAN

KTBS	0.4nm,0.2s	eS	Sb	20 05 40.4	-0.2
ULHL	Ulaloh	1.89 248j	eP Pn	20 05 24.0	+0.2
ULHL	Ulaloh	1.89 248j	eS Pn	20 05 48.5	-1.2
BOOM	Booms koye usch	2.02 257j	eP Pn	20 05 26.0	+0.5
BOOM	Booms koye usch	2.02 257j	eS Pn	20 05 11.0	+0.1
DGS	Deqinger	2.08 278	eP Pn	20 05 28.4	-0.5
DGS	Deqinger	2.08 278	eS Pn	20 05 55.3	0.0
TKM2	Tokmak 2	2.20 269j	eP Pn	20 05 29.0	+0.9
TKM2	Tokmak 2	2.20 269j	eS Pn	20 05 56.0	0.0
KRBS	Karabastau	2.25 289	Pg Pn	20 05 31.1	-0.6
KRBS	Karabastau	2.25 289	Lg Pn	20 06 00.0	
KRBS	Karabastau	2.25 289	eP Pn	20 05 31.1	-0.6
KRBS	Karabastau	2.25 289	eS Pn	20 06 00.0	+0.1
NRN	Naryn	2.47 232j	eP Pn	20 05 32.6	+0.7
NRN	Naryn	2.47 232j	eS Pn	20 06 03.3	+0.5
AAK	Ala-Archa	3.04 265	IP Pn	20 05 45.9	+0.6
AAK	Ala-Archa	3.04 265	IP Pn	20 06 26.4	

UPP 28 20:05:40.3:0.1, 58:61N:16:24E, h0km, ML3.6, Suspected explosion
 DNK 28 20:05:40.7:0.3, 58:62N:16:24E, h0km, ML3.6(UPP), Explosion
 ISC 28 20:05:40.1: 4.1, 58:62N:0:03x16:23E:0:03, h0km, n17, c0530/19, Sweden

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
VIKU	Vikbolandet	0.27 116	Op Pn	20 05 45.5	+0.2
VIKU	Vikbolandet	0.27 116	S Pn	20 05 49.1	+0.3
VIKU	Vikbolandet	0.27 116	S Pn	20 05 45.0	+0.2
LNKU	Linkoeeping	0.55 224	P Pn	20 05 50.7	+0.1
LNKU	Linkoeeping	0.55 224	P Pn	20 05 50.7	+0.1
ESKU	Eskitstuna	0.62 8	P Pn	20 05 52.2	+0.2
ESKU	Eskitstuna	0.62 8	P Pn	20 05 52.2	+0.2
ASKU	Askersund	0.78 291	P Pn	20 05 55.0	-0.1
ASKU	Askersund	0.78 291	P Pn	20 05 55.0	-0.1
VSTU	Vaestervik	0.98 170	P Pn	20 05 58.6	-0.2
VSTU	Vaestervik	0.98 170	P Pn	20 05 58.6	-0.2
NYNU	Nynaeshamm	1.00 67	P Pn	20 05 58.9	-0.4
NYNU	Nynaeshamm	1.00 67	P Pn	20 05 58.9	-0.4
NRAU	Nora	1.14 328	P Pn	20 06 01.7	-0.1
NRAU	Nora	1.14 328	P Pn	20 06 01.7	-0.1
EKSU	Eksjoe	1.16 206	P Pn	20 06 01.9	-0.4
EKSU	Eksjoe	1.16 206	P Pn	20 06 01.9	-0.4
BOGU	Bogesund	1.27 51	P Pn	20 06 03.9	-0.6

JSN 28 20:06:46.5: 1.5, 19:16N:78:81W, h0km, 999km, MD3.7, Presumed earthquake
 SSNC 28 20:06:47.2: 1.6, 19:15N:78:78W, h10km, 14km, MD3.3, ML2.8, Presumed earthquake
 ISC 28 20:06:47.4: 1.4, 19:33N:0:1x78:7W:0:2, h14km, n6, c0579/11, Cuba region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
LMGC	Las Mercedes	1.77 64	Op Pn	20 07 38.9	-0.7
LMGC	Las Mercedes	1.77 64	eS Pn	20 07 42.1	+0.7
LMGC	Las Mercedes	1.77 64	eS Pn	20 07 42.1	+0.7
LMGC	Las Mercedes	1.77 64	eS Pn	20 07 43.6	
LMGC	Las Mercedes	1.77 64	eS Pn	20 07 43.8	
STH	Stony Hill	2.16 124	iP Pn	20 07 22.3	-0.3
GWJ	Greenwich	2.22 123	iP Pn	20 07 24.1	+0.5
CHIV	Chivirico	2.26 72	eP Pn	20 07 54.4	-1.2
CHIV	Chivirico	2.26 72	eS Pn	20 07 50.7	-0.1
CHIV	Chivirico	2.26 72	eS Pn	20 07 54.9	
CHIV	Chivirico	2.26 72	eS Pn	20 07 26.7	+0.1
YAR	Yar	2.45 64	eP Pn	20 07 55.4	-1.0
YAR	Yar	2.45 64	eS Pn	20 08 00.2	
YAR	Yar	2.45 64	eS Pn	20 08 00.3	
PINC	Pinares de May	2.98 66	eP Pn	20 07 34.3	+0.4
PINC	Pinares de May	2.98 66	eS Pn	20 08 10.6	+1.1
PINC	Pinares de May	2.98 66	eS Pn	20 08 13.0	

28d 20h

Table of seismic data for 28 days and 20 hours, listing stations like MLR, VOIR, ODBI, etc., with columns for time, magnitude, distance, and other parameters.

2020 JAN

Table of seismic data for January 2020, listing stations like KRUC, VRAC, KBA, etc., with columns for time, magnitude, distance, and other parameters.

2060

Table of seismic data for 2060, listing stations like RCC, PINC, GTTY, etc., with columns for time, magnitude, distance, and other parameters.

2061

Table with columns for station name, frequency, and signal strength. Includes stations like DRME, OHR, VLO, and others.

2020 JAN

Table with columns for station name, frequency, and signal strength. Includes stations like TS/LK, HORT, LK/D2, and others.

28d 20h

Table with columns for station name, frequency, and signal strength. Includes stations like MLR, Muntele Rosu, and others.

28D 20h

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like NIE Niedzica, LEOM Leova, PGF Pioggia, etc.

2020 JAN

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SLE Schleithem, SENIN Lac Senin/Sane, BRG Berggiesshubel, etc.

2062

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like LABN, BALJ Balqa, KOPT Kop Dagi, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PCAB Cabril, SFS San Fernando, and TORO Torodi Ar. Bea.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like UOSS Minazif, UOSS UOSS, and NRIK Noril'sk.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TULEG Thule, MOY Mondy, and HNS HongShan.

28d 20h

Table with columns for station ID, name, coordinates, elevation, and other data. Includes stations like E27K, D22K, BOSA, CHTO, TOLK, YKAW3, YKAW1, YKA, YKA D20K, G31M, CM31, CMAR, F28M, E25K, C18K, D19K, C17K, E24K, F26K, E23K, E23K, C16K, ENH, G29M, TBO, F25K, RD0G, GYA, EPYK, N53A, Q56A, MCWV, G27K, D17K, H31M, H29M, COLD, E19K, E19K, E18K, E18K, MA2, MA2, MA2, H27K, H27K, G24K, G24K, F20K, BNK, BNK, FFC, FFC, FFC, O52A, TIA, TIA, F19K, F19K, I29M, I29M, R55A.

2020 JAN

Table with columns for station ID, name, coordinates, elevation, and other data. Includes stations like CN2, I28M, I28M, F18K, I27K, I27K, F17K, H24K, J30M, J30M, J30M, ULM, ULM, ULM, G19K, G19K, PRP, PRP, H22K, G18K, G18K, J29N, Q52A, H21K, H21K, F15K, TNA, POKR, H20K, F14K, H19K, H19K, G17K, I23K, O49A, O49A, G16K, G16K, K29M, K29M, DAWY, DAWY, COLA, COLA, J26L, ILAR, ILAR, MLY, MLY, J25K, H18K, WHN, WHN, G15K, NEA2, H17K, HDA, HDA, I20K, GCSA, SCRK, SCRK, H16K, ANM, ANM, L29M, U54A, U54A, RIDG, RIDG, DOT, K24K, KOTAN, BPAW, BPAW, M31M, J20K, M30M, GAMB, MCK, MCK, L27K, L27K, CHUM, J19K.

2064

Table with columns for station ID, name, coordinates, elevation, and other data. Includes stations like J19K, M29M, M29M, L26K, L26K, I17K, TRF, PAX, BVCY, DHY, DHY, N32M, N32M, USRM, USRM, J18K, K20K, M27K, N31M, J17K, J17K, WTLY, WTLY, M26K, J16K, J16K, WAT1, N30M, NJ2, NJ2, PPLA, T50A, WAT6, YUK3, TOAD, YUK4, J14K, WHY, K17K, P33M, O30N, H30T, YUK6, N25K, SURA, SCM, M23K, K15K, R33M, R33M, L19K, L19K, L18K, L18K, SKT, U49A, U49A, KLU, L17K, CTG, O28M, M20K, M20K, PMR, K13K, P32M, O29M, BMRM, SUA, CRQE, L16K, L15K, Q32M, W50A, CLTN, M18K, RC01, PINM, M17K, SPCR, EYAK, KSAR, KSAR, KSRS, CAPN, M16K.

28d 20h

Table with columns: Station Name, Time, Res, Sg, S, P, Mb, Error ellipse. Includes stations like TBLG, AYRK, DGRG, CHRG, SHTL, ALVK, EGVZ, LGVD.

NEIC 28 20:29:03.2, 2.0, 19.06N, 0.06E, 81.18W, 0.03, h10km, 2km, mb4.1/6, Error ellipse: s-maj=11.5km s-min=4.1km az=198.0

SSNC 28 20:29:06.2, 1.8, 18.92N, 80.25W, h25km, 67km, ML4.5, Presumed earthquake

JSN 28 20:29:06.5, 1.0, 19.42N, 80.09W, h49km, 999km, MD5.3, Presumed earthquake

ISC 28 20:29:17.3, 2.1, 19.47N, 81.52W, h0km, mb3.7/3, m1mp=3.7/4, ML3.5/1, Error ellipse: s-maj=52.0km s-min=34.5km az=135.0

ISC 28 20:29:02.3, 0.7, 19.03N, 0.05E, 80.13W, 0.04, h10km, m64, c2521/81, mb3.7/4, 1C-3D, Cuba region

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, Sg, S, P, Mb, Error ellipse. Lists numerous stations like MOUNT DENHAM, MANICARAGUA, CAIBARIEN, etc.

2020 JAN

Table with columns: TXAR, Lajitas Array, 23.75 300 P P, 20 34 16.9 +1.8. Includes stations like TXAR, Lajitas Array, TX31.

IDC 28 20:29:33.8, 0.7, 7.15N, 91.99E, h0km, mb4.6/28, mbtmp4.7/30, ML4.8/2, Error ellipse: s-maj=22.0km s-min=14.5km az=42.0

MOS 28 20:29:34.4, 0.9, 7.24N, 91.96E, h9km, mb5.2/44, Error ellipse: s-maj=8.1km s-min=4.2km az=117.1

BUI 28 20:29:34.6, 6.96N, 92.01E, h26km, mb4.8/29, NEIC 28 20:29:37.0, 2.2, 7.31N, 0.08E, 92.09E, 0.09, h10km, 1km, mb5.1/71, Error ellipse: s-maj=16.0km s-min=11.5km az=232.0

NDI 28 20:29:36.9, 2.1, 7.29N, 92.06E, h18km, 12km, ML5.0, MW5.1, mb5.1(NEIC)

DJA 28 20:29:37.3, 0.4, 7.4N, 92.2E, h10km, M5.4/19, mb6.6/4, mb4.8/19, ML5.4/7, Mw(mb)6.4/4

ISC 28 20:29:38.1, 0.3, 7.29N, 0.04E, 92.06E, 0.05, h24km, n339, c128/328, mb4.9/128, 33C-9D, Nicobar Islands region

Main station list table for 2020 JAN with columns: Code, Station Name, Az, Phase ID, Time, Res, Sg, S, P, Mb, Error ellipse. Lists stations like CAMPBELL BAY, PORT BLAIR, SURABAYA, etc.

2066

Main station list table for 2066 with columns: SMRI, Semarang, 23.22 127 P P, 20 34 45.0 +1.4. Includes stations like SMRI, Semarang, GYA, Guiyang, etc.

MNK	iPP	PnPn	20 43 08.1 +0.2		
MNK	iS	S	20 46 58.0 +1.4		
MNK	iSS	SnSn	20 47 40.8 +0.9		
MNK	iLRM	MLR	20 52 31.1		
MNK	comp=Z,16um,16.9s		20 52 57.8		
MNK	comp=N,16um,17.4s	iLRM	MLR	20 53 19.8	
MNK	comp=E,16um,19.2s				
MNK	mlnsk	24.36 334	iP	20 42 37.6 -0.2	20 43 08.1
MNK			iS	20 46 58.0 +1.4	
MNK			iSS	20 47 40.8 +0.9	
MNK			pmax		
MNK	comp=E,17nm,0.7s				
MNK	comp=Z,33nm,0.8s				
MNK	comp=N,29nm,0.9s				
MNK	comp=Z,16um,17.0s				
MNK	comp=N,16um,17.0s				
MNK	comp=E,16um,19.0s				
ARTI	Arti	24.37 17	P	20 42 37.6 -0.3	
ARTI	Arti	24.37 17	iP	20 42 39.3 +1.4	
ARTI	Arti		S	20 47 01.2 +4.4	
ARTI	Arti		SS	20 47 43.2 +3.0	
ARTI	Arti		SnSn		
ARTI	Arti		pmax		
ACER	Acerenza	24.70 295	P	20 42 41.3 +0.1	
CUC	Castrocuoco	24.71 294	P	20 42 40.8 -0.4	
NACGM	Naroch	25.07 334	eP	20 42 45.3 +1.1	
KIRV	Kirov	25.08 5	iP	20 42 45.7 +1.5	
OJC	Ojcow	25.25 319	P	20 42 46.8 +0.9	
OJC	Ojcow	25.25 319	P	20 42 46.8 +0.9	
OJC	Ojcow	25.25 319	P	20 42 47.5 +1.6	
BOOM	Boomskeusche	25.27 61	P	20 42 45.9 -0.5	
BOOM	Boomskeusche	25.27 61	P	20 42 45.9 -0.5	
BOOM	Boomskeusche		pmax		
SVE	Sverdlovsk	25.34 19	eP	20 42 47.6 +0.9	
SVE	SVE		pmax		
RAFF	Raffo Rosso	25.75 287	P	20 42 52.0 +1.4	
JAVC	Velka Javorina	25.82 314	eP	20 42 53.4 +2.2	
SUW	Suwaki	25.87 329	P	20 42 51.3 -0.2	
SUW	Suwaki	25.87 329	P	20 42 51.3 -0.2	
OKC	Ostrava-Krasne	25.98 317	P	20 42 56.2 +3.6	
BORK	Borovoye	26.16 35	P	20 42 53.2 -1.0	
BORK	Borovoye	26.16 35	iP	20 42 54.8 +0.6	
BORK	BORK		pmax		
BVAR	Borovoye Array	26.18 35	P	20 42 53.7 -0.7	
BVAR	Borovoye Array	comp=Z,4.0nm,0.9s,baz=216,slow=7.3,SNR=14			
RONA	Rosalia, Austri	26.19 311	eP	20 42 55.2 -0.4	
MORC	Moravsky Berou	26.30 316	IAMB	20 42 60.0	
MORC	MORC		IAMB	20 42 60.0	
MORC	Moravsky Berou	26.30 316	P	20 42 55.2 -0.4	
MORC	MORC		pmax		
MORC	Moravsky Berou	26.30 316	eP	20 42 57.7 +2.1	
TARG	Taragay, Kyrgy	26.52 63	P	20 42 57.1 -0.9	
TARG	Taragay, Kyrgy	26.52 63	P	20 42 57.1 -0.9	
TARG	Taragay		pmax		
ARSA	Arzberg	26.52 310	P	20 42 57.4 -0.2	
ARSA	ARSA		IAMB	20 43 00.5	
ARSA	Arzberg	26.52 310	iP	20 42 59.6 +2.0	
CONA	Conrad Observa	26.55 311	iP	20 42 58.9 +1.0	
PABE	Paberze	26.59 332	P	20 42 57.3 -0.7	
PABE	PABE		IAMB	20 43 30.7	
VRAC	Vranov	26.65 315	P	20 43 00.2 +1.5	
VRAC	Vranov	26.65 315	eP	20 42 59.3 +0.6	
SOKA	Soboth	26.65 308	eP	20 43 02.1 +3.2	
KRUC	Moravsky	26.66 314	eP	20 42 58.7 -0.1	
OBKA	Obir	26.92 308	iP	20 43 03.0 +1.8	
KSP	Ksiaz	27.50 318	P	20 43 07.7 +1.4	
WUS	Wushi	27.52 64	P	20 43 06.8 +0.1	
MOA	Molin	27.53 310	eP	20 43 07.5 +0.9	
KLMR	Klimovskoe	27.53 353	eP	20 43 05.7 -0.7	
KLMR	KLMR		pmax		
MYKA	Terra Mystica	27.55 308	eP	20 43 11.3 +4.4	
BIOA	Bad Ischl, Aus	27.88 310	eP	20 43 12.7 +3.0	
KBA	Koelnbreinsper	27.88 308	iP	20 43 12.6 +2.7	
ABTA	Abfattersbach	28.33 307	eP	20 43 14.3 +0.5	
LESA	Schwarzleotal	28.41 309	eP	20 43 14.4 -0.2	
WTTA	Wattenberg	29.05 308	eP	20 43 20.7 +0.4	
WATA	Walderalm	29.11 308	iP	20 43 20.3 -0.5	
SQTA	Sanct Quirin	29.32 308	eP	20 43 23.3 +0.6	
KURBB	Kurchatov Arra	29.34 45	P	20 43 23.2 +0.6	
MOTA	Mossan	29.42 308	eP	20 43 25.2 +1.6	
KURK	Kurchatov	29.43 45	P	20 43 23.6 +0.2	
KURK	Kurchatov	29.43 45	iP	20 43 24.9 +1.5	
KURK	KURK		pmax		
KURK	Kurchatov	29.43 45	P	20 43 24.6 +1.2	
FETA	Feichten	29.58 307	eP	20 43 25.6 +0.5	
RETA	Reutte	29.68 308	eP	20 43 25.4 -0.4	
DAVA	Damulus	29.21 308	eP	20 43 31.2 +0.6	
MAKZ	Makanchi	30.36 53	P	20 43 31.4 -0.4	
MAKZ	MAKZ		IAMB	20 43 40.4	
MAKZ	Makanchi	30.36 53	P	20 43 31.4 -0.4	
MAKZ	MAKZ		pmax		
MK31	Makanchi Array	30.57 54	iP	20 43 34.3 +0.7	
MKAR	Makanchi Array	30.57 54	P	20 43 34.2 +0.6	
MKAR	Makanchi Array	comp=Z,7.5nm,0.7s,baz=252,slow=10.0,SNR=62			
MKAR	Makanchi Array	30.57 54	P	20 43 33.3 -0.4	
MKAR	Makanchi Array	30.57 341	P	20 43 33.1 -0.2	
MKAR	Makanchi Array	comp=Z,1.6nm,0.6s,baz=151,slow=9.9,SNR=10			
FINES	FINESS Array B	30.57 341	iP	20 43 34.0 +0.6	
FINES	FINESS		pmax		
BNI	Bardonecchia	31.99 303	P	20 43 45.2 -1.1	
BNI	Bardonecchia	31.99 303	P	20 43 45.3 -1.1	
BNI	BNI		pmax		
HFS	Hagfors	33.77 331	P	20 44 00.4 -1.1	
WHQ	Urumqi	33.96 60	eP	20 44 06.3 +2.9	
ZAAO	Zalesovo Array	34.16 42	IAMB	20 44 03.8 -1.1	
ZAAO	ZAAO		IAMB	20 44 10.0	
ZALV	Zalesovo Beam	34.16 42	P	20 44 04.2 -0.7	
ZALV	Zalesovo Beam	comp=Z,8.4nm,0.8s,baz=253,slow=9.1,SNR=19			
ZALV	Zalesovo Beam	34.16 42	P	20 44 04.5 -0.5	
ZALV	Zalesovo Beam	34.16 42	iP	20 44 04.5 -0.5	
ZALV	ZALV		pmax		
DGZ	Jazzator, Alta	34.54 50	iP	20 44 09.8 +1.3	
DGZ	DGZ		pmax		

NOA	NORSAR Array B	35.30 331	P	20 44 13.6 -1.1	
NOA	NORSAR Array B	comp=Z,0.9nm,0.8s,baz=124,slow=8.5,SNR=3.6			
KIBK	Kibwezi	36.51 193	P	20 44 28.8 +3.2	
TAM	Tamarrasset	36.84 264	P	20 44 29.4 +0.9	
TAM	Tamarrasset	36.84 264	P	20 44 29.4 +0.9	
ARCES	ARCESS Array B	37.68 349	P	20 44 35.0 +0.1	
ARCES	ARCESS Array B	comp=Z,9.1nm,1.0s,baz=180,slow=2.4,SNR=6.5			
ARCES	ARCESS Array B	37.68 349	IAMB	20 44 37.9	
LSA	Lhasa	38.62 83	P	20 44 42.5 -1.4	
LSA	Lhasa	38.62 83	P	20 44 42.5 -1.4	
LSA	LSA		pmax		
ESDC	Seneca Array	39.91 293	P	20 44 54.5 +0.4	
ESDC	Seneca Array	comp=Z,2.7nm,1.1s,baz=86,slow=8.4,SNR=9.4			
ESDC	Seneca Array	39.91 293	IAMB	20 44 56.9	
EKA	Eskdalemuir Ar	40.02 318	P	20 44 54.2 -0.4	
EKA	Eskdalemuir Ar	comp=Z,4.9nm,0.9s,baz=101,slow=8.3,SNR=3.6			
SHL	Shillong	40.65 89	P	20 44 59.6 -1.0	
SHL	Shillong	40.65 89	P	20 44 59.6 -1.0	
SHL	SHL		pmax		
SHL	Shillong	comp=Z,53nm,1.3s			
SHL	Shillong	SNR=10			
MVO	Moncorvo	42.04 296	eP	20 45 12.3 +0.7	
MVO	MVO		IAMB	20 45 34.7	
PBAR	Barrancos	42.51 292	eP	20 45 16.5 +1.0	
PBAR	PBAR		IAMB	20 45 59.0	
MTE	Manteigas	42.53 295	eP	20 45 15.6 0.0	
MTE	MTE		IAMB	20 46 05.3	
PVRL	Vila Real	42.54 296	eP	20 45 16.7 +1.0	
PVRL	PVRL		IAMB	20 46 07.1	
PCBR	Castelo Branco	42.57 294	eP	20 45 16.4 +0.6	
PCBR	PCBR		IAMB	20 45 39.0	
NR1K	Noril'sk	42.60 20	P	20 45 16.5 +0.7	
NR1K	Noril'sk	comp=Z,20nm,1.0s,baz=234,slow=8.4,SNR=3.5			
NR1K	Noril'sk	42.60 20	IAMB	20 45 15.1 -0.7	
NR1K	NR1K		IAMB	20 45 20.1	
NR1K	Noril'sk	42.60 20	iP	20 45 16.4 +0.7	
NR1K	NR1K		pmax		
PGAV	Gavieira, Arco	42.86 298	eP	20 45 18.6 +0.2	
PGAV	PGAV		IAMB	20 45 52.5	
PBEJ	Beja	43.18 292	eP	20 45 21.8 +1.0	
PVAG	Vaqueiros	43.19 291	eP	20 45 21.4 +0.4	
MORE	Moreh	43.19 89	IAMB	20 45 25.0	
GTA2	Gaotai	43.24 66	eP	20 45 22.0 +0.5	
GTA2	GTA2		pmax		
MOY	Mondy	43.33 48	eP	20 45 23.0 +1.0	
MOY	MOY		pmax		
PCVE	Castro Verde	43.39 291	eP	20 45 22.8 +0.2	
PCVE	PCVE		IAMB	20 46 11.4	
ZAK	Zakamensk	44.75 50	eP	20 45 33.6 +0.1	
ZAK	ZAK		pmax		
TORD	Torodi Ar. Beza	44.86 254	P	20 45 35.6 +1.1	
TORD	Torodi Ar. Beza	comp=Z,6.5nm,1.1s,baz=68,slow=4.3,SNR=15			
TORD	Torodi Ar. Beza	44.86 254	IAMB	20 46 00.4	
TORD	Torodi Ar. Beza	comp=Z,6.5nm,1.1s,baz=68,slow=4.3,SNR=15			
TLY	Talaya	44.98 48	P	20 45 34.2 -0.9	
TLY	Talaya	44.98 48	P	20 45 35.6 +0.5	
TNCH	TengChong	46.39 86	eP	20 45 47.5 +0.7	
TNCH	TNCH		pmax		
SPITS	Spitsbergen Ar	46.42 352	P	20 45 46.1 -0.1	
SPITS	Spitsbergen Ar	comp=Z,11nm,0.7s,baz=140,slow=12,SNR=30			
SONM	Songio Array	46.94 54	P	20 45 51.0 +0.2	
SONM	Songio Array	comp=Z,3.4nm,0.9s,baz=280,slow=11,SNR=12			
SONM	Songio Array	46.94 54	P	20 45 49.8 -0.9	
SONM	Songio Array	46.94 54	P	20 45 51.0 +0.2	
LZDM	Lanzhou Array	47.05 70	P	20 45 52.5 +0.5	
LZDM	Lanzhou Array	comp=Z,4.8nm,0.7s,baz=274,slow=7.3,SNR=15			
LZH	Lanzhou	47.13 70	eP	20 45 53.3 +0.8	
LZH	LZH		sP	20 46 05.0 +6.7	
LZH	LZH		pmax		
ULN	Ulaanbaatar	47.37 53	P	20 45 53.5 -0.7	
ULN	Ulaanbaatar	47.37 53	iP	20 45 54.8 +0.6	
ULN	ULN		pmax		
ULN	Ulaanbaatar	47.37 53	P	20 45 54.5 +0.3	
DGAR	Diego Garcia	48.05 143	P	20 46 01.0 +1.5	
DGAR	Diego Garcia	48.05 143	P	20 46 01.0 +1.5	
PZH	PanZhihua	48.50 83	P	20 46 04.3 +1.2	
CHTO	Chiang Mai	49.46 93	P	20 46 09.4 -1.1	
CHTO	CHTO		IAMB	20 46 13.4	
CHTO	Chiang Mai	49.46 93	P	20 46 09.7 -0.7	
CHTO	Chiang Mai	49.46 93	P	20 46 09.4 -1.1	
CHTO	CHTO		pmax		
CHTO	Chiang Mai	49.46 93	P	20 46 10.2 -0.3	
CM31	Chiang Mai Arr	49.63 94	IAMB	20 46 15.0	
CMAR	Chiang Mai Arr	49.63 94	P	20 46 11.4 -0.3	
CMAR	Chiang Mai Arr	comp=Z,8.2nm,1.0s,baz=291,slow=8.2,SNR=35			
CMAR	Chiang Mai Arr	49.63 94	P	20 46 06.8 +0.7	
CMAR	Chiang Mai Arr	comp=Z,2.4nm,1.0s,baz=295,slow=9.5,SNR=5.9			
CMAR	Chiang Mai Arr	49.63 94	iP	20 46 11.1 -0.6	
CMAR	CMAR		pmax		
BTO2	Baotou	50.59 62	eP	20 46 19.5 +0.6	
BTO2	BTO2		pmax		
BTO2	BTO2		pmax		
LSZ	Lusaka	51.44 202	P	20 46 28.5 +3.1	
XAN	Xian	51.71 71	P	20 46 27.0 -0.3	
XAN	XAN		pmax		
GYA	Guiyang	52.58 81	iP	20 46 35.0 +1.0	
GYA	GYA		pmax		
ENH	Enshi	53.44 75	eP	20 46 41.6 +1.4	
XLT	XilinHaoTe	54.28 57	eP	20 46 48.5 +2.3	
XLT	XLT		pmax		
LYN	LuoYang	54.32 69	P	20 46 48.5 +2.0	
LYN	LYN		pmax		
KSANE	Kasane	54.78 204	P	20 46 50.5 +0.5</	

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Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Preston Nutter, Lac du Bonnet, Lac du Bonnet, etc.

2020 JAN

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Barrancos, Thorofare Moun, Peak Fur Mtn, etc.

28d 20h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like Dopca, GIRR, Hurov, Klimovskoe, etc.

ISK 28:20:50:26.9, 39:01N-27:85E, h10km, 1km, ML1, 8/13
AFAD 28:20:50:27.1, 39:01N-27:86E, h7km, 1km, ML2.1, Turkey

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like AKHS Akhisar, AKS Akhisar, GORD Gordes-Manisa, etc.

Table with columns: Station ID, Name, Comp, Az, El, AzEl, Status, Time, and other details. Includes stations like OK048 Pawnee Station, M50A Fremont, PA03C Sooner Cattle, etc.

Table with columns: Station ID, Name, Comp, Az, El, AzEl, Status, Time, and other details. Includes stations like BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, etc.

Table with columns: Station ID, Name, Comp, Az, El, AzEl, Status, Time, and other details. Includes stations like Q32M Nakina River, P33M Teslin, Yukon, P33M Teslin, Yukon, etc.

28d 20h

D27M	Malcolm River	61.91	340	P	I/Amb	P	21 10 18.1	-0.6
D27M	Malcolm River	61.91	340	P	I/Amb	P	21 10 42.4	
D27M	Malcolm River	61.91	340	P	P	P	21 10 20.1	+1.5
GLI	Glacier Island	62.01	330	P	P	P	21 10 21.4	+2.0
K24K	Donnelly Dome	62.06	333	P	P	P	21 10 21.5	+1.8
J25K	Salcha River	62.09	334	P	P	P	21 10 21.8	+1.8
SCM	Sheep Creek Mo	62.31	331	P	P	P	21 10 22.6	+1.1
PRP	Porcupine Dome	62.39	335	I/Amb	I/Amb	P	21 10 25.1	
PRP	Porcupine Dome	62.39	335	P	P	P	21 10 23.0	+0.9
F26K	Shoenjek River	62.49	337	P	P	P	21 10 23.8	+1.2
M23K	Glacier View	62.49	330	P	P	P	21 10 24.0	+1.4
DHY	Denali Highway	62.59	332	P	P	P	21 10 24.6	+1.1
WAT6	Susitna Watana	62.65	331	P	P	P	21 10 25.3	+1.4
HDA	Harding Lake	62.70	333	P	P	P	21 10 25.5	+1.5
KNK	Knik Glacier	62.76	330	P	P	P	21 10 26.2	+1.7
ILAR	Eielson Array	62.76	334	P	P	P	21 10 25.1	+0.7
ILAR	Eielson Array	62.76	334	P	P	P	21 10 24.1	-0.4
C27K	Jago River	62.95	340	P	P	P	21 10 27.1	+1.5
F25K	Christian River	63.01	337	I/Amb	I/Amb	P	21 10 52.8	
F25K	Christian River	63.01	337	P	P	P	21 10 27.4	+1.4
WAT1	Susitna Watana	63.07	332	P	P	P	21 10 27.9	+1.3
POKR	Poker Plat Res	63.07	334	I/Amb	I/Amb	P	21 10 29.0	
POKR	Poker Plat Res	63.07	334	P	P	P	21 10 28.4	+1.9
PMR	Palmer	63.11	330	P	P	P	21 10 27.7	+1.0
E25K	Arctic Village	63.13	338	P	P	P	21 10 28.2	+1.3
COLA	College	63.19	334	P	P	P	21 10 28.6	+1.4
COLA	College	63.19	334	iP	pmx	pmx	21 10 27.2	0.0
COLA	College	63.19	334	P	P	P	21 10 28.4	+1.2
RC01	Rabbit Creek A	63.31	330	P	P	P	21 10 29.6	+1.4
MCK	McKinley	63.41	333	P	P	P	21 10 30.4	+1.6
H24K	Noodor Dome	63.42	335	I/Amb	I/Amb	P	21 10 51.5	
H24K	Noodor Dome	63.42	335	P	P	P	21 10 30.0	+1.2
C26K	Camden Bay	63.44	340	P	P	P	21 10 30.2	+1.4
G24K	Hadzencic Riv	63.46	336	P	P	P	21 10 30.5	+1.5
M22K	Willow	63.60	330	P	P	P	21 10 31.5	+1.6
BRSE	Bradley Lake S	63.61	328	P	P	P	21 10 31.5	+1.3
NEA2	Nenana	63.64	333	P	P	P	21 10 31.3	+1.0
D25K	Kavik River	63.75	339	P	P	P	21 10 32.1	+1.1
CUT	Chullina	63.77	331	P	P	P	21 10 32.2	+1.1
SUA	Susitna One	63.85	330	P	P	P	21 10 33.1	+1.3
I23K	Minto, Yukon-K	63.87	334	P	P	P	21 10 32.9	+1.2
CAPN	Captain Cook N	63.95	329	P	P	P	21 10 34.1	+1.8
TRF	Thorofare Moun	63.96	332	P	P	P	21 10 34.2	+1.6
HOM	Homer	64.06	328	P	P	P	21 10 34.9	+1.9
E24K	Your Creek	64.17	337	I/Amb	I/Amb	P	21 11 13.4	
E24K	Your Creek	64.17	337	P	P	P	21 10 34.8	+1.1
KTH	Kantishna Hill	64.25	332	P	P	P	21 10 34.5	+0.2
SKW	Swentnna	64.30	330	P	P	P	21 10 35.8	+1.2
BAPT	Bear Paw Mtn.	64.37	333	P	P	P	21 10 36.5	+1.4
MLY	Maly	64.42	334	P	P	P	21 10 36.7	+1.2
G23K	Bananza Creek	64.45	336	P	P	P	21 10 36.7	+1.1
SPCR	Spurr Chakacha	64.52	329	P	P	P	21 10 37.2	+1.0
D24K	Happy Valley	64.55	338	P	P	P	21 10 37.6	+1.5
E23K	Chandalar	64.58	337	P	P	P	21 10 37.6	+1.1
COLD	Coldfoot	64.62	336	P	P	P	21 10 38.3	+1.6
TOLK	Toolik Lake Re	64.69	338	P	P	P	21 10 38.1	+1.0
PPLA	Purkeypile	64.72	331	P	P	P	21 10 38.8	+1.2
PGAV	Gaveira, Arco	64.78	52	eP	I/Amb	I/Amb	21 10 41.8	+3.6
MORF	Marlette	64.83	57	eP	P	P	21 10 43.0	+4.4
H22K	Ishlaltina Cre	64.84	335	I/Amb	I/Amb	P	21 10 50.9	
H22K	Ishlaltina Cre	64.84	335	P	P	P	21 10 38.9	+0.8
P19K	Oil Pt	64.86	328	P	P	P	21 10 39.5	+1.2
CHUM	Lake Minchumin	64.92	332	P	P	P	21 10 39.8	+1.2
MOE	Montemor	64.96	56	eP	I/Amb	I/Amb	21 10 42.1	+2.7
Q19K	Cape Douglas,	65.00	327	P	P	P	21 10 39.8	+0.5
PMTG	Montargil	65.02	55	eP	P	P	21 10 42.9	+3.2
PSARD	Sardoal	65.02	54	eP	I/Amb	I/Amb	21 10 44.9	
PSARD	Sardoal	65.02	54	eP	I/Amb	I/Amb	21 10 43.6	+3.8
M20K	Styx River	65.03	330	P	P	P	21 10 40.3	+0.8
MESJ	Messejana	65.13	56	eP	P	P	21 10 42.9	+2.5
SII	Sitkinak Island	65.14	324	P	P	P	21 10 41.4	+1.2
PVIS	Viseu	65.14	53	eP	P	P	21 10 43.6	+3.1
D23K	Nanushuk River	65.16	338	P	P	P	21 10 41.5	+1.4
PARRA	Arraiolos	65.18	55	eP	I/Amb	I/Amb	21 10 43.7	+2.9
EVO	Evora	65.23	56	eP	I/Amb	I/Amb	21 11 10.7	
PVRL	Vila Real	65.23	53	eP	I/Amb	I/Amb	21 10 43.2	+2.1
PCVE	Castro Verde	65.29	57	eP	I/Amb	I/Amb	21 10 43.0	+1.5
H21K	Melozitna Rive	65.38	334	I/Amb	I/Amb	P	21 10 45.4	
H21K	Melozitna Rive	65.38	334	P	P	P	21 10 41.9	+0.2
PBEJ	Beja	65.39	56	eP	P	P	21 10 44.8	+2.7
PBDV	Barranco-do-Ve	65.41	57	eP	I/Amb	I/Amb	21 10 43.6	+1.2
MTE	Manteigas	65.43	54	eP	P	P	21 10 45.1	+2.7
O19K	Port Alsworth	65.43	328	P	P	P	21 10 43.0	+1.0

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PESTR	Estremoz	65.53	55	eP	I/Amb	P	21 10 45.7	+2.6
PESTR	Estremoz	65.53	55	eP	I/Amb	P	21 10 48.3	
PCBR	Castelo Branco	65.53	54	eP	I/Amb	P	21 10 44.1	+1.1
PCBR	Castelo Branco	65.53	54	eP	I/Amb	P	21 10 49.3	
PVAQ	Vaqueiros	65.57	57	eP	P	P	21 10 46.3	+3.0
PVAQ	Vaqueiros	65.57	57	eP	I/Amb	P	21 11 00.6	
N19K	Bonanza Creek	65.58	329	P	P	P	21 10 44.3	+1.2
K20K	Telida	65.63	332	P	P	P	21 10 43.5	+0.2
PMRV	Marv?o	65.63	55	eP	P	P	21 10 44.8	+1.1
J20K	Nowinta River	65.75	333	P	P	P	21 10 44.0	-0.1
J20K	Nowinta River	65.75	333	P	P	P	21 10 44.8	+0.8
MVO	Moncorvo	65.76	53	eP	I/Amb	P	21 10 46.0	+1.4
MVO	Moncorvo	65.76	53	eP	I/Amb	P	21 10 54.0	
P18K	Big Mountain,	65.85	327	P	P	P	21 10 46.5	+1.7
D22K	Aiyikyak River	65.85	338	I/Amb	I/Amb	P	21 11 06.9	
D22K	Aiyikyak River	65.85	338	P	P	P	21 10 45.8	+1.1
L19K	White Mountain	65.87	330	I/Amb	I/Amb	P	21 10 47.1	
L19K	White Mountain	65.87	330	P	P	P	21 10 46.1	+1.2
F21K	Alatina River	65.88	336	I/Amb	I/Amb	P	21 11 11.2	
F21K	Alatina River	65.88	336	P	P	P	21 10 46.0	+1.2
CHIR	Chirikof Islan	65.91	323	P	P	P	21 10 46.8	+1.6
PBAR	Barrancos	66.02	56	eP	I/Amb	I/Amb	21 10 48.7	+2.5
PBAR	Barrancos	66.02	56	eP	I/Amb	I/Amb	21 11 10.8	
Q17K	Contact Creek	66.14	326	P	P	P	21 10 47.0	+0.3
H20K	Antoleneega Mo	66.22	334	P	P	P	21 10 47.6	+0.6
N18K	Kilae Creek	66.26	329	P	P	P	21 10 47.4	0.0
M18K	Stony River	66.28	330	P	P	P	21 10 48.3	+0.9
R17L	Mt. Peulik Vol	66.37	325	P	P	P	21 10 47.8	-0.3
J19K	Pooman	66.38	332	P	P	P	21 10 48.8	+0.7
P17K	Kvichak River	66.46	327	P	P	P	21 10 48.0	-0.6
C21K	Knifeblade Rid	66.64	338	P	P	P	21 10 50.1	+0.5
F20K	Avartart Lake	66.73	336	P	P	P	21 10 51.1	+0.9
L18K	Granite Mounta	66.73	330	P	P	P	21 10 50.7	+0.3
O17K	Koliganek Bris	66.82	328	P	P	P	21 10 51.4	+0.4
J18K	Innoko River	66.83	332	I/Amb	I/Amb	P	21 11 22.6	
J18K	Innoko River	66.83	332	P	P	P	21 10 51.9	+1.0
H19K	Roundabout Mou	66.87	334	I/Amb	I/Amb	P	21 10 52.5	
H19K	Roundabout Mou	66.87	334	P	P	P	21 10 51.8	+0.6
N17K	Nushagak Hills	66.89	329	P	P	P	21 10 52.4	+1.0
GCSA	Galena City Sc	66.99	333	P	P	P	21 10 53.1	+1.3
M17K	Hollina River	67.05	329	P	P	P	21 10 53.7	+1.4
G19K	Purcell Mounta	67.18	335	P	P	P	21 10 54.6	+1.4
D20K	Etluvik River	67.25	337	P	P	P	21 10 53.9	+0.4
P16K	Nushagak River	67.26	327	P	P	P	21 10 53.8	+0.1
O16K	Kokwok River B	67.32	327	P	P	P	21 10 54.5	+0.4
E19K	Redstone River	67.35	336	I/Amb	I/Amb	P	21 11 16.0	
E19K	Redstone River	67.35	336	P	P	P	21 10 55.0	+0.8
L17K	Donlin	67.48	330	P	P	P	21 10 56.3	+1.1
K17K	Iditarod	67.51	331	P	P	P	21 10 55.6	+0.4
F19K	Shalercuckik Mo	67.51	335	P	P	P	21 10 55.9	+0.8
A21K	Barrow	67.55	340	P	P	P	21 10 56.6	+1.2
EKA	Eskdalemeir Ar	67.64	37	eP	P	P	21 10 58.2	+1.9
H18K	Honhosa River	67.64	334	P	P	P	21 10 58.0	+1.9
D19K	Kuna River	67.77	337	P	P	P	21 10 58.2	+1.3
G18K	Tagagawik	67.81	334	P	P	P	21 10 58.9	+1.8
J17K	VAIU Dome	67.88	332	P	P	P	21 10 59.0	+1.4
PAB	San Pablo							

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KLMR, TIKSI, VOIR, AKASG, etc.

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

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

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

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

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

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

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

Text block containing station identifiers and coordinates: IDC 28 21:44:56.3, 0.6, 35.26N, 27.82E, h0km, mb4.4/31, etc.

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

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

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

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

28D 21h

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S. Rows include stations like ANOYIA, ASGATA, and various other locations with their respective coordinates and signal quality.

2020 JAN

Table with columns: Station Name, Az, El, P, S, Az, El, P, S. Rows include stations like KYMI, KYMI, KYMI, and various other locations with their respective coordinates and signal quality.

2076

Table with columns: Station Name, Az, El, P, S, Az, El, P, S. Rows include stations like KIV, KVAR, KBZ, and various other locations with their respective coordinates and signal quality.

28d 21h

Table with columns: Station, Comp, Freq, Power, Mod, Status, etc. Includes stations like MTDJ, MOUNT DENHAM, MGVC, etc.

2020 JAN

Table with columns: Station, Comp, Freq, Power, Mod, Status, etc. Includes stations like MASC, MASCO, MASCI, etc.

2078

Table with columns: Station, Comp, Freq, Power, Mod, Status, etc. Includes stations like TKL, POPC, PTCG, etc.

2020 JAN

2080

Table with columns: Station, Frequency, Power, Mode, Date, Time, and other parameters. Includes stations like FCC, Fort Churchill, CVT, O03E, etc.

Table with columns: Station, Frequency, Power, Mode, Date, Time, and other parameters. Includes stations like DLBC, DLBO, VAO, MT09, etc.

Table with columns: Station, Frequency, Power, Mode, Date, Time, and other parameters. Includes stations like TULEG, MAYO, YUK6, PMOZ, etc.

2081

Table with columns: NEEM, North Greenlan, 60.31, 7, i, P, P, 22 05 23.9 -0.8, 22 05 28.5, 60.46 330, IAMS_20, IAMS_20, 22 31 36.4, 60.60 329, IAMS_20, IAMS_20, 22 30 02.9, 60.60 329, P, P, 22 05 26.9 +0.4, 60.62 339, P, P, 22 05 27.4 +0.9, 60.83 329, IAMS_20, IAMS_20, 22 33 12.4, 60.89 332, IAMB, IAMB, 22 05 55.7, 60.89 332, P, P, 22 05 29.0 +0.5, 60.93 330, P, P, 22 05 29.1 +0.3, 22 05 33.2, 60.93 330, P, IAMB, IAMB, 22 30 31.0, 60.93 330, P, P, 22 05 29.9 +1.0, 60.95 335, IAMB, IAMB, 22 05 50.7, 60.95 335, P, P, 22 05 29.6 +0.7, 61.00 338, IAMB, IAMB, 22 05 41.6, 61.00 338, P, P, 22 05 29.4 +0.2, 61.03 332, P, IAMB, IAMB, 22 05 29.6 +0.1, 22 05 56.5, 61.03 332, P, IAMB, IAMB, 22 05 29.8 -0.1, 22 05 58.4, 61.08 331, P, IAMB, IAMB, 22 05 30.8 +0.9, 61.12 336, IAMS_20, IAMS_20, 22 32 05.7, 61.12 336, P, P, 22 05 30.4 +0.3, 61.26 339, IAMS_20, IAMS_20, 22 33 07.4, 61.26 339, P, P, 22 05 31.0 0.0, 61.26 340, P, P, 22 05 31.4 +0.5, 61.36 83, P, P, 22 05 34.7 +2.3, 61.36 337, IAMS_20, IAMS_20, 22 32 09.2, 61.36 337, P, P, 22 05 31.5 -0.1, 61.37 333, IAMB, IAMB, 22 05 44.2, 61.39 329, P, P, 22 05 32.8 +1.0, 61.40 334, IAMS_20, IAMS_20, 22 31 00.1, 61.40 334, P, P, 22 05 32.9 +0.9, 61.43 333, IAMS_20, IAMS_20, 22 31 09.0, 61.43 333, P, P, 22 05 32.9 +0.6, 61.45 328, IAMS_20, IAMS_20, 22 35 13.7, 61.45 328, P, P, 22 05 33.0 +0.7, 61.52 330, IAMB, IAMB, 22 05 48.5, 61.53 331, P, P, 22 05 33.9 +1.1, 61.67 330, P, IAMB, IAMB, 22 05 55.8, 61.67 330, P, IAMS_20, IAMS_20, 22 33 15.6, 61.73 333, IAMS_20, IAMS_20, 22 33 30.0, 61.73 333, P, P, 22 05 34.6 +0.3, 61.81 332, IAMB, IAMB, 22 05 47.1, 61.81 332, P, P, 22 05 35.0 +0.2, 61.82 338, IAMS_20, IAMS_20, 22 36 19.1, 61.82 338, P, P, 22 05 35.4 +0.7, 61.98 339, IAMS_20, IAMS_20, 22 30 44.4, 61.98 339, P, P, 22 05 36.3 +0.4, 62.02 19, IAMS_20, IAMS_20, 22 31 31.0, 62.02 19, P, P, 22 05 36.0 0.0, 22 06 03.0, 62.08 329, P, P, 22 05 37.5 +0.9, 62.10 330, P, P, 22 05 36.9 +0.2, 62.15 333, P, P, 22 05 38.2 +1.2, 62.18 334, IAMS_20, IAMS_20, 22 33 18.8, 62.18 334, P, P, 22 05 37.9 +0.7, 62.40 331, IAMS_20, IAMS_20, 22 36 48.7, 62.40 331, P, P, 22 05 39.3 +0.5, 62.40 173, P, P, 22 05 38.3 -0.5, 22 06 01.2, 62.48 335, IAMB, IAMB, 22 05 51.4, 62.48 335, P, P, 22 05 39.4 +0.1, 62.57 337, IAMS_20, IAMS_20, 22 33 59.9, 62.57 337, P, P, 22 05 40.3 +0.5, 62.58 330, P, P, 22 05 40.0 +0.1, 62.65 337, P, P, 22 05 40.6 +0.3, 62.68 332, IAMB, IAMB, 22 06 07.3, 22 33 53.1, 62.68 332, P, P, 22 05 41.1 +0.4, 62.74 331, P, P, 22 05 41.3 +0.2, 62.79 333, IAMS_20, IAMS_20, 22 32 03.0, 62.79 333, P, P, 22 05 42.0 +0.7, 62.85 334, P, P, 22 05 41.8 +0.2, 22 34 02.9, 62.85 334, P, P, 22 05 41.4 -0.2, 22 05 41.1 -0.5, 62.85 330, IAMB, IAMB, 22 06 03.3, 62.85 330, P, P, 22 05 42.6 +0.9, 62.85 330, IAMB, IAMB, 22 06 05.7, 62.85 330, IAMB, IAMB, 22 06 05.7

2020 JAN

Table with columns: SML, Sawmill, 62.87 330, P, P, 22 05 42.0 +0.2, 62.87 330, P, P, 22 05 42.0 +0.2, 63.02 340, IAMS_20, IAMS_20, 22 29 56.0, 63.02 340, P, P, 22 05 43.3 +0.6, 63.08 337, P, P, 22 05 44.1 +0.8, 63.12 328, IAMS_20, IAMS_20, 22 34 08.8, 63.12 328, P, P, 22 05 43.3 -0.1, 63.13 330, IAMB, IAMB, 22 06 11.8, 63.13 330, IAMS_20, IAMS_20, 22 32 37.2, 63.16 334, P, P, 22 05 43.8 +0.2, 63.16 332, P, P, 22 05 44.1 +0.3, 63.20 330, IAMB, IAMB, 22 06 06.0, 63.20 330, P, P, 22 05 44.3 +0.3, 63.20 334, IAMS_20, IAMS_20, 22 32 03.9, 63.21 338, IAMB, IAMB, 22 05 59.8, 63.21 338, P, P, 22 05 45.5 +0.5, 63.27 334, P, IAMB, IAMB, 22 05 44.0 -0.4, 22 06 44.3, 63.27 334, P, P, 22 05 44.1 -0.3, 63.27 334, P, P, 22 05 44.8 +0.4, 63.29 333, IAMB, IAMB, 22 06 04.9, 63.29 333, IAMS_20, IAMS_20, 22 31 10.1, 63.41 330, IAMS_20, IAMS_20, 22 31 08.4, 63.41 330, P, P, 22 05 45.7 +0.3, 63.50 335, IAMB, IAMB, 22 05 58.2, 63.50 335, P, P, 22 05 46.5 +0.5, 63.50 333, IAMS_20, IAMS_20, 22 33 05.8, 63.50 333, P, P, 22 05 46.4 +0.4, 63.51 340, P, P, 22 05 47.0 +1.1, 63.53 173, P, P, 22 05 44.7 -1.5, 63.54 336, P, IAMB, IAMB, 22 06 06.9, 63.55 329, IAMB, IAMB, 22 06 08.7, 63.59 330, IAMS_20, IAMS_20, 22 31 13.0, 63.59 330, P, P, 22 05 47.7 +0.5, 63.61 328, P, P, 22 05 47.6 +0.2, 63.73 333, IAMB, IAMB, 22 06 08.6, 63.73 333, IAMS_20, IAMS_20, 22 33 07.7, 63.73 333, P, P, 22 05 47.3 -0.2, 63.78 328, IAMB, IAMB, 22 06 12.9, 63.83 339, P, P, 22 05 49.0 +0.9, 63.87 331, IAMS_20, IAMS_20, 22 32 23.4, 63.87 331, P, P, 22 05 48.6 +0.3, 63.92 39, P, P, 22 05 50.6 +1.7, 63.93 328, IAMS_20, IAMS_20, 22 37 21.3, 63.95 330, IAMS_20, IAMS_20, 22 32 20.6, 63.95 330, P, P, 22 05 49.5 +0.4, 63.96 334, P, P, 22 05 49.4 +0.4, 64.05 329, P, P, 22 05 50.8 +1.3, 64.05 15, P, P, 22 05 50.1 +0.8, 22 06 18.1, 64.05 332, P, P, 22 05 50.3 +0.5, 64.11 331, IAMS_20, IAMS_20, 22 36 35.1, 64.11 55, P, P, 22 05 52.4 +1.9, 64.11 55, P, P, 22 05 52.8 +2.4, 22 06 05.6, 64.15 328, P, P, 22 05 50.9 +0.6, 64.25 337, IAMS_20, IAMS_20, 22 31 52.4, 64.25 337, P, P, 22 05 51.7 +0.8, 64.34 332, IAMS_20, IAMS_20, 22 33 06.1, 64.39 330, IAMB, IAMB, 22 06 38.1, 64.39 330, P, P, 22 05 52.1 +0.2, 64.43 327, P, P, 22 05 52.1 0.0, 64.45 51, P, P, 22 05 54.6 +2.1, 64.45 326, P, P, 22 05 52.8 +0.3, 22 34 59.0, 64.45 326, P, P, 22 05 52.4 +0.1, 22 06 16.6, 64.45 326, IAMS_20, IAMS_20, 22 34 28.2, 64.45 326, P, P, 22 05 52.3 0.0, 64.45 326, P, P, 22 05 52.0 -0.3, 64.45 55, P, P, 22 05 53.5 +0.8, 22 06 05.5, 64.46 333, IAMS_20, IAMS_20, 22 34 11.1, 64.46 333, P, P, 22 05 52.4 +0.1, 64.49 53, P, P, 22 05 55.4 +2.5, 22 06 43.5, 64.51 334, IAMS_20, IAMS_20, 22 34 53.5, 64.51 334, P, P, 22 05 53.0 +0.3, 64.53 329, IAMB, IAMB, 22 06 04.8, 64.53 329, P, P, 22 05 53.5 +0.7, 64.61 329, P, P, 22 05 53.6 +0.2, 64.62 57, P, P, 22 05 56.0 +2.2, 64.62 57, P, P, 22 05 57.0 +3.2, 22 06 09.1, 64.63 338, P, P, 22 05 54.1 +0.8, 64.64 54, P, P, 22 05 57.0 +3.0, 22 06 09.2, 64.66 337, P, P, 22 05 54.5 +0.9

28d 21h

Table with columns: PTEO, Sao Teotonio, 64.67 57, eP, P, 22 05 56.7 +2.6, 64.67 57, eP, IAMB, IAMB, 22 06 09.5, 64.69 52, eP, P, 22 05 56.0 +1.7, 64.71 336, IAMS_20, IAMS_20, 22 31 06.6, 64.71 336, P, P, 22 05 54.7 +0.9, 64.72 250, eP, P, 22 06 03.8 +8.9, 64.72 339, IAMS_20, IAMS_20, 22 38 15.8, 64.72 339, P, P, 22 05 54.6 +0.7, 64.73 173, P, IAMB, IAMB, 22 05 53.5 -0.6, 22 06 32.2, 64.74 57, eP, IAMB, IAMB, 22 05 55.8 +1.1, 22 06 08.9, 64.74 57, eP, IAMB, IAMB, 22 05 57.4 +2.7, 22 06 10.0, 64.74 57, eP, IAMB, IAMB, 22 05 55.8 +1.1, 22 05 54.4 +0.1, 64.79 325, IAMB, IAMB, 22 06 07.1, 64.79 325, P, P, 22 05 54.5 +0.1, 64.81 331, IAMS_20, IAMS_20, 22 35 36.6, 64.81 331, P, P, 22 05 54.8 0.0, 64.88 56, eP, IAMB, IAMB, 22 05 58.3 +2.9, 22 06 11.9, 64.89 52, eP, IAMB, IAMB, 22 05 58.0 +2.5, 22 06 11.2, 64.92 335, IAMS_20, IAMS_20, 22 34 52.3, 64.92 335, P, P, 22 05 55.5 +0.2, 64.93 55, eP, IAMB, IAMB, 22 05 58.2 +2.5, 22 06 10.6, 64.93 54, eP, IAMB, IAMB, 22 05 58.5 +2.6, 22 06 10.7, 64.95 328, P, P, 22 05 55.8 +0.2, 65.00 332, P, P, 22 05 56.2 +0.4, 65.04 56, eP, IAMB, IAMB, 22 05 57.5 +1.0, 22 06 09.4, 65.04 56, eP, IAMB, IAMB, 22 05 59.1 +2.6, 65.04 56, eP, P, 22 05 57.5 +1.0, 65.06 53, eP, P, 22 05 59.2 +2.6, 65.06 53, eP, IAMB, IAMB, 22 05 59.1 +2.2, 22 06 20.9, 65.09 55, eP, IAMB, IAMB, 22 05 59.3 +2.4, 22 06 10.9, 65.09 37, P, P, 22 06 00.2 +3.7, 65.10 327, P, P, 22 05 56.7 +0.1, 65.13 330, P, P, 22 05 57.3 +0.5, 65.14 56, P, P, 22 05 58.8 +1.7, 65.14 56, eP, IAMB, IAMB, 22 05 58.8 +1.7, 22 06 11.2, 65.15 53, eP, IAMB, IAMB, 22 06 05.5 +3.3, 22 06 12.9, 65.20 57, P, P, 22 06 00.2 +2.7, 65.20 57, eP, IAMB, IAMB, 22 05 00.1 +2.5, 22 06 13.0, 65.24 338, P, P, 22 05 58.2 +1.0, 65.24 332, P, P, 22 05 57.9 +0.4, 65.30 56, eP, IAMB, IAMB, 22 06 00.4 +2.2, 22 06 14.2, 65.32 57, P, P, 22 06 01.3 +2.9, 65.32 57, eP, IAMB, IAMB, 22 06 00.7 +2.2, 22 06 14.1, 65.34 54, eP, IAMB, IAMB, 22 06 00.6 +2.0, 22 06 12.5, 65.44 55, P, P, 22 06 01.3 +2.2, 65.44 55, P, P, 22 05 59.3 +0.2, 65.44 55, eP, IAMB, IAMB, 22 06 01.8 +2.7, 22 06 15.2, 65.46 40, P, P, 22 06 02.0 +3.0, 65.47 334, P, P, 22 05 59.2 +0.4, 65.48 57, P, P, 22 05 59.4 0.0, 65.48 57, eP, IAMB, IAMB, 22 06 02.7 +3.3, 22 06 14.8, 65.48 337, P, P, 22 05 59.2 +0.2, 65.54 55, eP, IAMB, IAMB, 22 06 01.5 +1.7, 22 06 15.6, 65.54 328, IAMB, IAMB, 22 06 20.9, 65.54 328, P, P, 22 05 59.0 -0.4, 65.67 329, IAMB, IAMB, 22 06 22.0, 65.67 329, P, IAMS_20, IAMS_20, 22 35 54.4, 65.67 329, P, P, 22 06 00.0 -0.3, 65.68 53, eP, IAMB, IAMB, 22 06 03.4 +2.7, 22 06 16.8, 65.71 39, P, P, 22 06 03.8 +3.2, 65.72 332, P, P, 22 06 00.6 +0.1, 65.75 39, P, P, 22 06 02.7 +1.9, 65.75 39, eP, P, 22 06 02.1 +1.3, 65.79 327, P, P, 22 06 01.3 +0.1, 65.84 333, IAMS_20, IAMS_20, 22 38 02.7, 65.84 333, P, P, 22 06 01.5 +0.2, 65.90 55, P, P, 22 06 02.9 +0.9, 65.90 37, eP, P, 22 06 02.8 +1.1, 65.93 338, P, P, 22 06 01.9 +0.1, 65.93 338, P, P, 22 06 02.4 +0.6, 65.93 56, P, P, 22 06 04.9 +2.6, 65.94 326, IAMB, IAMB, 22 06 17.2, 65.95 327, IAMB, IAMB, 22 06 13.4, 65.95 327, IAMS_20, IAMS_20, 22 35 34.7, 65.95 327, P, P, 22 06 01.9 -0.1, 65.96 336, IAMB, IAMB, 22 06 14.6, 65.96 336, IAMS_20, IAMS_20, 22 36 15.8, 65.96 336, P, P, 22 06 02.9 +0.9, 65.97 330, IAMS_20, IAMS_20, 22 34 32.0, 65.97 330, P, P, 22 06 02.1 0.0

28d 21h

Table with columns: CHIR, Chirikof Islan, 66.01 323 P, P, 22 06 02.8 +0.3, ...

2020 JAN

Table with columns: EDMO Edmundo, 68.29 38 eP, P, 22 06 17.8 +0.8, ...

2082

Table with columns: AKN AKN, 72.41 322 Iamb, Iamb, 22 29 12.1, ...

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MOR8, KASTN, KASTN, FAUS, FAUS, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ARAO, ARCES, ARCES, ARCES, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like STEB, STEB, ZST, ZST, etc.

28d 21h

Table with columns for station call letters, name, frequency, power, polarization, and coordinates. Includes stations like FSK Fiskardo, NYDR Nydri-Lefkada, and many others.

2020 JAN

Table with columns for station call letters, name, frequency, power, polarization, and coordinates. Includes stations like MOS Moscow, CFR Carcaiu, and many others.

2084

Table with columns for station call letters, name, frequency, power, polarization, and coordinates. Includes stations like SHUT Suhut-Afyon, SVRH Sivrihisar-ESK, and many others.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SLIU Shizi, SMST Manzhou Townsh, etc.

IDC 28:22:32.03:5.1, 2.0, 2.7S, 29.67E, h0km, mb4.2/15, mbmp4.2/17, ML4.2/2, Error ellipse: s-maj=31.2km s-min=10.2km az=28.0

NEIC 28:22:32.06:0.2, 0.0, 2.4S, 0.09:29.77E:0.05, h10km, 1km, mb4.6/24, Error ellipse: s-maj=15.5km s-min=7.5km az=198.0

ISC 28:22:32.05:2.0, 0.5, 2.6S, 0.08:29.72E:0.07, h10km, n63, o#98/65, mb4.5/29, 12, Zaire

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MBAR Mbarara, LODK Lodwaa, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KIBK Kibwezi, LSZ Lusaka, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KGCAGE Kacgae, KOOLE Kule, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MARD Mardin, BR131 Keskin Array B, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ESDC Sonseca Array, ESDC Cesky Krumlov, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GERS GERS Array B, TREC Trest, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KARC Karatay Array, ARTI Arti, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SONM Songino Array, SONM Hongshan, etc.

SSNC 28:22:35.17:3.0, 6.19:20N:79.71W, h32km, gkm, ML3.1, Presumed earthquake, Cuba region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBOCY The Bluff, Cay, LCCY Blossom Villag, etc.

IDC 28:22:41.31:4.2, 1.18:87N:80.85W, h0km, mb3.7/6, mbmp3.8/8, ML3.4/2, Error ellipse: s-maj=57.1km s-min=26.0km az=22.0

SSNC 28:22:41:36.8:1.8, 19:08N:80.74W, h21km, 24km, ML3.9, Presumed earthquake

ISC 28:22:41:33.6:1.0, 19:06N:80.68W:0.05, h10km, n26, o#174/28, mb3.8/6, 2, C, Cuba region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LCCY Blossom Villag, CBOCY The Bluff, Cay, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CCCC Cccc, LMGCG Las Mercedes, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TKL Tuckaleechee C, TXAR Lajitas Array, etc.

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

CATAC 28:22:44:55.3:0.3, 19°N:3°8'0W, h1km, M4.8/6, mb5.1/4, mB5.6/2, MLv4.7/6, Mw(mB)5.1/2, Error ellipse: s-maj=5.8km s-min=3.8km az=163.6, Moment Tensor Solution, Moment tensor: Scale 10^19Nm; Mr3.06; Mw:5.2; Mw:5.7; Mw:1.94; Mw:5.04; Mw:0.43; Fault plane solution: M3:26009-1019 NPI:165.00209; 0.63, 0.024, 1.2, 2, 3572; NIP2:65.59508; 0.69, 6.6222, 1.54, 30132; Principal axes: T: 6.1550, Plg3: 2267; Azm2: 4634; N: 1.8604, Plg5: 7.6626; Azm209: 7580; P: -8.0154, Plg2: 3931; Azm1: 15.9730; confirmed

IDC 28:22:44:59.8:0.9, 19.01N:80.25W, h0km, mb4.0/7, mbmp4.1/9, ML3.6/2, Error ellipse: s-maj=30.5km s-min=21.9km az=60.0

NEIC 28:22:45:00.8:1.4, 19.03N:80.08W:0.09, h10km, 1km, mb4.4/40, Error ellipse: s-maj=16.6km s-min=10.5km az=223.0

SSNC 28:22:45:02.6:1.5, 19:07N:80.13W, h13km, 12km, MD4.4, ML4.2, Presumed earthquake

OSPL 28:22:45:05.1:2.3, 18:72N:80.01W, h0km, 264km, ML3.8, Presumed earthquake

ISC 28:22:45:04.0:5.19:01N:80.04W:0.04, h10km, n111, o#143/14, mb4.3/21, D, Cuba region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LCCY Blossom Villag, CBOCY The Bluff, Cay, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LMGC comp=N,247nm,0.4s, LMGC comp=E,245nm,0.4s, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like STH Greenwch, HOJ Hope, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MARVS Santiago de Cu, CAMR Camarica, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBOCY The Bluff, Cay, LCCY Blossom Villag, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SDV Santo Domingo, SDV Matias Romero, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like 152A Waverly Hill, Y49A Blount Mountain, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WHAR Worthy Hollow, MIAR Ozark Folk Cen, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TX31 Lajitas Ar. Si, TXAR Lajitas Array, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AMTX Amarillo, VHRN Van Horn, etc.

28d 23h

Table with columns: ILAR, Eielson Array, 63.09 334, P, P, 22 55 27.5 -0.4, etc.

JSN 28 22:53:31.7z 1.7, 18.68N;80:81W, h15km, 999km, MD4.5, Presumed earthquake

SSNC 28 22:53:34.0z 1.9, 19.01N;80:75W, h19km, 31km, mb5.1, ML4.0, Presumed earthquake

ISC 28 22:53:32.9z 2.1, 19.00N;0:09:80.74W, h100km, h35km, n18, 1527/20, 1C-1D, North of Honduras

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

IDC 28 22:58:17.5z 1.1, 18.73N;80:90W, h0km, mb4.1/12, mbmp4.1/14, ML3.4/2, Error ellipse: s-maj=29.6km

NEIC 28 22:58:21.2z 1.5, 19.01N;0:09:80.68W, 0:09, h10km, 1km, mb4.4/77, Error ellipse: s-maj=17.5km s-min=11.3km az=219.0

JSN 28 22:58:21.6z 1.4, 18.89N;80:55W, h0km, 64km, MD5.0, Presumed earthquake

SSNC 28 22:58:23.5z 1.6, 19.05N;80:68W, h22km, 36km, mb5.6, ML4.4, Presumed earthquake

ISC 28 22:58:20.4z 0.5, 18.98N;0:05:80.65W, 0:05, h10km, n142, 1513/138, mb4.5/54, 1C, North of Honduras

Main station list table (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

2020 JAN

Main station list table (continued) with columns: 061Z, comp=Z, 160nm, 0.7s, IAML, 23 00 12.8, etc.

2088

Main station list table (continued) with columns: G18K, Tagaguanay, 67.95 334, P, P, 23 09 19.5 +0.3, etc.

SSNC 28 23:01:28.1z 1.0, 19.22N;80:67W, h7km, 7km, MD3.5, ML2.9, Presumed earthquake, Cuba region

Main station list table (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

NOU 28 23:03:20.8, 15:445-167:44E, h84km, ML4.2/15, Vanuatu Islands, Vanuatu Islands

Main station list table (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

IDC 28 23:04:20.9z 1.0, 18.80N;80:96W, h0km, mb4.0/11, mbmp4.0/15, ML3.2/4, Error ellipse: s-maj=26.9km

NEIC 28 23:04:23.3z 1.6, 18.95N;0:10:80:81W, 0:10, h10km, 1km, mb4.4/81, Error ellipse: s-maj=18.7km s-min=12.2km az=217.0

JSN 28 23:04:23.3z 1.4, 19.30N;80:68W, h0km, 999km, MD5.0, Presumed earthquake

SSNC 28 23:04:29.2z 1.5, 19.21N;80:75W, h20km, 21km, ML3.8, MW3.3, Presumed earthquake

ISC 28 23:04:23.0z 0.5, 19.06N;0:05:80.76W, 0:04, h10km, n151, 1565/154, mb4.5/42, Cuba region

Main station list table (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, and other details. Includes stations like CBCY, MGTV, MTDJ, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, and other details. Includes stations like PDAR, MOOV, CCCA, etc.

Table with columns: Station Name, Frequency, Class, Mode, Power, and other details. Includes stations like ILAR, Eielson Array, J20K, etc.

28d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like HATOM Hato Mayor del, GRTK Grand Turk, etc.

RSPR 28 23:13:54.8, 17.87N, -66.79W, h9km, MD2.5/11
NEIC 28 23:13:54.1, 0.8, 17.85N, -0.03, 66.77W, 0.01, h14km, 24km, ML2.9/33, MD2.5/11 (RSPR), 5C-3D, Error ellipse: s-maj=4.7km s-min=1.7km az=184.0, Puerto Rico region

Main table for Puerto Rico region with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like GBPR Guanica, Bosqu, OBIP Obispado Ponce, etc.

IDC 28 23:14:39.6, 1.4, 18.83N, -81.05W, h0km, mb3.9/6, mbmp4.0/6, Error ellipse: s-maj=46.3km s-min=27.7km az=2.0

SSNC 28 23:14:45.7, 1.7, 19.06N, -80.72W, h26km, 31km, MD3.1, ML3.4, MW3.9, Presumed earthquake

ISC 28 23:14:45.8, 0.9, 19.09N, -0.09, 80.68W, 0.07, h35km, n18, s=157/20, mb4.3/5, Cuba region

Table for Cuba region with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like LCCY Blossom Villag, CBCY The Bluff, Cay, etc.

R SNC 28 23:21:15.9, 0.0, 8.1N, -7.3W, h2km, 1km, M3.5, mb4.5, mB5.0, ML3.4, Mw(mB)4.3

FUNV 28 23:21:16.5, 8.42N, -72.76W, h5km, MW3.8, Presumed earthquake

IDC 28 23:21:19.9, 2.0, 8.51N, -72.79W, h68km, 24km, mb3.2/2, mbmp3.8/4, MS3.4/1, Error ellipse: s-maj=29.8km s-min=9.5km az=139.0

2020 JAN

ISC 28 23:21:13.8, 1.2, 8.49N, 0.02, -72.79W, 0.03, h4km, 9km, n58, s=188/96, 4C-1D, Venezuela

Main table for Venezuela region with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like OCAC Ocana, CAPU Capacho, PAMP Pamplona, etc.

JSN 28 23:30:17.9, 1.3, 1.35N, -80.81W, h98km, 318km, MD4.7, Presumed earthquake

SSNC 28 23:30:19.5, 1.4, 18.93N, -80.79W, h16km, 19km, MD3.5, ML3.1, Presumed earthquake

ISC 28 23:30:19.2, 2.2, 18.97N, -0.09, 80.75W, 0.10, h35km, n14, s=65/9/15, North of Honduras

Table for North of Honduras region with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like LCCY Blossom Villag, CBCY The Bluff, Cay, etc.

2090

CAIB Caibarien 3.71 19 i P Pn 23 31 14.5 +0.5

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like CAIB Stony Hill, HOJ Hope, etc.

SJA 28 23:36:23.3, 0.3, 20.41S, -68.61W, h121km, 4km, ML4.4, MW4.4

NEIC 28 23:36:25.4, 1.6, 20.34S, -0.04, 68.74W, 0.06, h120km, 4km, mb4.5/23, MW4.4(GUC), Error ellipse: s-maj=8.3km s-min=5.3km az=109.0

VAO 28 23:36:25.9, 1.1, 20.15S, -68.46W, h114km, 6km, mb4.7, Presumed earthquake

IDC 28 23:36:26.4, 0.9, 20.31S, -68.46W, h127km, 7km, mb4.1/4, mbmp4.5/8, MS4.8/2, Error ellipse: s-maj=22.6km s-min=20.9km az=117.0

GUC 28 23:36:26.4, 0.8, 20.33S, -68.77W, h121km, 4km, ML4.1

ISC 28 23:36:24.8, 0.5, 20.32S, -0.04, 68.66W, 0.05, h122km, 4km, n12.1, s=148/140, mb4.6/8, 7C-1D, Chile-Bolivia border region

Main table for Chile-Bolivia border region with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Includes stations like PB08 IPOC Station P, GO01 Chusmiza, etc.

2091

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like MACA, BB19B, IPMB, RCLB, BDFB, etc.

JMA 28 23:39:26.5 0.5, 27.23N, 126.77E, h14km, MD5.7/24, MV4.9/24, NW OFF OKINAWAJIMA IS
JMA Felt II J1 at NW OFF OKINAWAJIMA IS.
NIED 28 23:39:26.5, 27.33N, 126.53E, h14km, MW5.3, Moment Tensor Solution. s3 Moment tensor: Scale 10^17Nm; Mx=0.44; My=0.58; Mz=0.14; Mxx=0.33; Mxy=0.81; Myz=0.19; Fault plane solution: M1: 0.2000x10^17 NP1: 0.197, 0.0000, 0.860, 0.0000, -1, -57, 0.0000. NP2: 0.95, 0.0000, 0.870, 0.0000, -1, -32, 0.0000.
BUJ 28 23:39:29.4, 27.16N, 126.54E, h10km, mb5.4/33, mb4.8/67, ML5.9, MS5.8/MS, M7.5, 2.86
NEIC 28 23:39:29.6, 2.3, 27.19N, 0.06, 126.77E, 0.02, h10km, 1km, mb5.3/144, Error ellipse: s-maj=10.9km s-min=2.9km az=190.0
MOS 28 23:39:30.1, 0.9, 27.30N, 126.71E, h26km, mb5.3/49, MS5.3/12, Error ellipse: s-maj=7.2km s-min=4.4km az=111.6
IDC 28 23:39:34.5, 1.6, 27.33N, 126.87E, h45km, 17km, mb4.1/24, mbmp4.3/26, ML3.2/2, MS4.9/60, Error ellipse: s-maj=17.2km s-min=10.0km az=51.0
ISC 28 23:39:31.8, 0.5, 27.24N, 0.03, 126.71E, 0.03, h22km, 3km, h22km, P, P, 1485, 0.2, 124/46, mb5.2/209, MS5.1/77, 12C-6D, Northwest of Ryukyu Islands

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like JAGN, JAGN, JKE, JKE, etc.

2020 JAN

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like JNN, JKR, HATJ, JMJ, JKD, etc.

28d 23h

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res, Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like HNS, SNY, SNY, SNY, etc.

29d 1h

NEIC 29 01:18:09.5:2.6, 18.95N,0:05:80W,0:06,h10km,1km, mb4.3/24, Error ellipse: s-maj=10.4km s-min=7.9km az=96.0

JSN 29 01:18:10.9:1.2, 18.94N:80:78W,h15km,MD4.7, Presumed earthquake

SSNC 29 01:18:13.9:2.5, 19.06N:80:65W,h20km,37km,MD3.5, ML3.5,MW3.4, Presumed earthquake

ISC 29 01:18:09.5:0.4, 18.98N,0:05:80W,0:04,h10km,n84, c164/90,mb4.2/20,2D,North of Honduras

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h m s, ISC. Lists seismic stations and their recorded data for the 29th day of January.

2020 JAN

Table with columns: ESDC, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h m s, ISC. Lists seismic stations and their recorded data for January 2020.

ISK 29 01:27:44.1, 38.38N,39:32E,h5km,ML3.3/14

AFAD 29 01:27:44.1, 38.45N:39:29E,h8km,2km,MW3.5

ISC 29 01:27:44.0:1, 38.43N,0:02:39.30E,0:02,h4km,9km, n42,c069/48,Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h m s, ISC. Lists seismic stations and their recorded data for January 2020.

ISC 29 01:33:27.2:4, 51:27N,179:99W,h0km,mb3.8/9, mbmp3.9/10,ML3.9/1, Error ellipse: s-maj=60.6km s-min=22.9km az=7.0

NEIC 29 01:33:29.0:1.3, 50.95N,0:05:179:86W,0:03,h10km,1km, mb3.7/21,ML3.6/10,ML3.2(AEIC), Error ellipse: s-maj=8.2km s-min=3.4km az=183.0

AEIC 29 01:33:41.3:1.9, 51:07N,0:05:179:86W,0:04,h13km,4km, Error ellipse: s-maj=7.2km s-min=3.7km az=191.0

ISC 29 01:33:42.2:1.7, 51:01N,0:1:179:92W,0:04,h42km,13km, n58,c088/66,mb3.6/11, Andeanof Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h m s, ISC. Lists seismic stations and their recorded data for January 2020.

2098

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h m s, ISC. Lists seismic stations and their recorded data for 2098.

ISC 29 01:40:23.2:2.4, 2:91S,147:51E,h0km,mb3.6/3, mbmt3.7/3, Error ellipse: s-maj=304.7km s-min=30.7km az=119.0, Admiralty Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h m s, ISC. Lists seismic stations and their recorded data for 2098.

JSN 29 01:40:47.2:1.2, 19:25N:79:77W,h0km,57km,MW3.9, Presumed earthquake

SSNC 29 01:40:48.1:3.8, 19:15N:80:15W,h27km,36km,ML2.2, Presumed earthquake

ISC 29 01:40:46.5:2.0, 19:12N,0:09:80:11W,0:10,h35km,n12, c33/14, 1C-1D, Cuba region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h m s, ISC. Lists seismic stations and their recorded data for 2098.

ISC 29 01:41:59.6:2.5, 16:80S:28:10E,h0km,mb3.8/2, mbmp3.9/4,ML3.9/2,MS3.2/1, Error ellipse: s-maj=88.8km s-min=12.1km az=98.0

BGSI 29 01:42:03.0:1.4, 16:64S:27:92E,h32km,21km,ML3.5

ISC 29 01:42:00.1:1.2, 16:86S:0:05:28:2E,0:1,h10km,n24, c232/23,Zambia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, h m s, ISC. Lists seismic stations and their recorded data for 2098.

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

ISK 29 01:45:53.9, 34.99N, 27.73E, h5km, ML2.8/17
IDC 29 01:45:55.1, 1.7, 35.13N, 27.93E, h0km, mb3.4/2,
mbmp3.1/4, ML2.8/2. Error ellipse: s-maj=41.1km
s-min=23.4km az=157.0

ATH 29 01:45:59.5, 35.34N, 27.93E, h11km, 2km, ML2.6/5,
Manual Solution by A. Papageorgiou First location:
2020/01/29 01:47:23, This location: 2021/11/15 08:02:18
ML Amplitudes are expressed in micrometers, All
distances are expressed in degrees Latitude uncertainty: 2
km, Longitude uncertainty: 1 km

THE 29 01:46:01.3, 35.16N, 27.89E, h0km, 11km, M2.7/9,
ML2.7/9

AFAD 29 01:46:02.0, 35.40N, 27.99E, h15km, 92km, ML2.2
ISC 29 01:45:57.1, 1.4, 35.18N, 0.04, 27.97E, 0.03, h7km, 10km,
n52, c1571/64, Dodecanese Islands

Main table for 2099 with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KARP, KARP, KARP, etc.

Table for TORO Torodi Ar. Bea with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI, SAUI, SAUI, etc.

IDC 29 01:56:39.2, 2.8, 7.08S, 129.45E, h135km, 36km, mb3.5/3,
mbmp4.1/7, Error ellipse: s-maj=66.3km s-min=20.2km
az=90.0

DJA 29 01:56:40.5, 0.6, 7.4S, 131.0E, h210km, 15km, M4.3/9,
mb4.7/4, mb4.2/6, MLV4.5/9, Mw(mb)4.0/4

ISC 29 01:56:38.6, 1.0, 7.03S, 0.05, 129.61E, 0.10, h200km, n12,
c385/16, mb3.5/3, Banda Sea

IDC 29 01:58:09.7, 2.1, 12.28S, 166.53E, h0km, mb4.1/7,
mbmp4.1/7, MS2.1/1, Error ellipse: s-maj=91.0km
s-min=25.4km az=146.0

NEIC 29 01:58:11.8, 2.7, 11.97S, 0.06, 165.97E, 0.09, h10km, 1km,
mb4.6/6, Error ellipse: s-maj=15.2km s-min=9.5km
az=102.0

ISC 29 01:58:15.6, 0.8, 12.13S, 0.09, 166.42E, 0.1, h35km, n22,
c1859/22, mb4.2/1, Santa Cruz Islands

Main table for TORO with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SANVU, SANVU, SANVU, etc.

Table for YEDI Yedisu-Bingol with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SLHN, Bingol, Solhan, etc.

RSNC 29 02:13:13.3, 0.6, 19.1N, 8.1W, h0km, M4.3, mb5.0,
mb4.8, ML3.8, Mw(mb)4.3
IDC 29 02:13:14.8, 0.5, 18.90N, 80.83W, h0km, mb4.2/23,
mbmp4.2/23, ML3.1/6, MS2.7/15, Error ellipse:
s-maj=14.4km s-min=13.4km az=38.0

JSN 29 02:13:15.5, 1.1, 19.37N, 80.58W, h0km, 69km, MW4.4,
Presumed earthquake

NEIC 29 02:13:16.5, 1.5, 19.03N, 0.06, 80.76W, 0.06, h10km, 1km,
mb4.5/77, Error ellipse: s-maj=9.9km s-min=8.9km
az=218.0

CATAC 29 02:13:17.9, 0.2, 19.2N, 8.1W, h61km, 13km, M4.5/12,
mb4.8/12, mb5.0/9, MLV4.8/9, Mw(mb)4.3/9, Error ellipse:
s-maj=4.9km s-min=3.2km az=145.9, confirmed

SSNC 29 02:13:20.2, 2.5, 19.00N, 80.70W, h30km, 23km, ML4.1,
MW4.1, Presumed earthquake

ISC 29 02:13:19.2, 0.3, 18.98N, 0.04, 80.73W, 0.04, h35km, n219,
c1863/238, mb4.5/57, MS3.8/13, 1C-3D, North of
Honduras

Main table for YEDI with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LCCY, Blossom Villag, LCCY, etc.

2101

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various parameters like Chusmiza, IPOC Station P, etc.

ISK 29 02:31:45.9, 35°04'N-27°80'E, h0km, ML3.2/25
IDC 29 02:31:47.5-1.0, 35°25'N-27°95'E, h0km, mb3.9/8,
mbtmp3.8/14, ML3.1/7, Error ellipse: s-maj=20.9km
s-min=15.9km az=171.0
GII 29 02:31:48.0-0.0, 35°16'2N-0°02'-28°03'E, 0°00'1, h0km,
Mws3.7, confirmed
NIC 29 02:31:48.3, 35°31'N-28°02'E, h4km, 1km, M13.0/16
ATH 29 02:31:51.9, 35°29'N-28°11'E, h2km, 10km, ML3.2/4,
Manual Solution by F. Xalans First location: 2020/01/29
02:33:27. This location: 2020/01/29 06:44:24 M
Amplitudes are expressed in micrometers. All distances
are expressed in degrees Latitude uncertainty: 1 km;
Longitude uncertainty: 1 km
THE 29 02:31:52.6, 35°N, 7°2'8E, h0km, 10km, M2.9/11,
MLh2.9/11
ISC 29 02:31:48.6-1.3, 35°19'N-0°03'-28°02'E, 0°02, h6km, 9km,
n103, s1936/148, mb3.9/7, Eastern Mediterranean Sea

Code Station Name Az Phase ID Time Res

2020 JAN

Main table with columns: ARG, AML, AML, etc. and rows for stations like ARG Arkhangelos, ZKR Zakros, etc.

Code Station Name Az Phase ID Time Res

29d 2h

Table with columns: YTHR, DSI, DSI, MSBI, etc. and rows for stations like Dead Sea, Mazda, Mount Ramon, etc.

Code Station Name Az Phase ID Time Res

29d 2h

Table with columns for station ID, name, elevation, distance, bearing, and other data. Includes stations like BNK BinXian, PSTR Posyet, N14K Kuskokwac Cree, etc.

2020 JAN

Table with columns for station ID, name, elevation, distance, bearing, and other data. Includes stations like G21K Allakaket, F21K Altana River, CHIR Chirikof Islan, etc.

2104

Table with columns for station ID, name, elevation, distance, bearing, and other data. Includes stations like BMAR Burnt Mountain, BMAR Paxson, KLU Klutina, etc.

2105

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like ZAK, F31M, N30M, etc.

2020 JAN

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like RES, DGZ, ENH, etc.

29d 2h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like ARTI, MDOK, AAA, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like NKCC, NKC, ACSD, etc.

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

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

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

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like San Blas, El Retiro, San Jose, Alcaldia de L, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like PUERTO BERRIO, Santo Domingo, Waverly Hall, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like LCCY, The Bluff, Cay, CCCC, etc.

IDC 29 02:50:23.1-8.6, 2012N-146.19E, h0km, mb3.6/4, mbtmp3.9/11, MSL2.7/1, MS3.4/1, Error ellipse: s-maj=29.5km az=79.0, Mariana Islands region

DJA 29 02:51:08.4-0.4, 0.0S-2.12E, h10km, M3.8/9, mb3.8/1, MLV3.8/9, Minahasa Peninsula, Sulawesi

IDC 29 03:41:37.8-1.3, 19.01N-81.12W, h0km, mb3.3/4, mbtmp3.5/6, ML3.6/2, Error ellipse: s-maj=32.4km

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like H1S13, WAKE ISLAND Hy, WRA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like MRSI, Marisa, APMS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like LCCY, Blossom Villag, etc.

IDC 29 02:50:19.6-1.1, 18.84N-80.88W, h0km, mb3.9/10, mbtmp3.9/11, MSL2.7/1, MS3.4/1, Error ellipse: s-maj=33.8km s-min=23.1km az=15.0

WEL 29 03:06:50.8-0.9, 34.5S-18.0W, 3.9, h293km, 20km, M3.7/8, MB4.2/1, ML3.7/8, Mw(MB)3.3/1, Error ellipse: s-maj=50.0km s-min=8.9km az=113.5, confirmed, South of Kermadec Islands

SSNC 29 02:50:23.4-2.5, 18.75N-80.85W, h49km, 999km, MW3.9, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like LCCY, Blossom Villag, LCCY, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like MXZ, Matakaoa Point, WMGZ, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like LCCY, Blossom Villag, LCCY, etc.

SSNC 29 02:50:24.7-2.0, 19.02N-80.70W, h20km, 20km, ML3.4, MW3.3, Presumed earthquake

SSNC 29 02:50:24.7-2.0, 18.98N-0.05-80.70W-0.06, h35km, n67, s=173/71, mb4.2/12, 3C-2D, North of Honduras

SSNC 29 03:51:49.3-1.0, 15.86N-119.54E, h0km, mb3.8/9, mbtmp3.9/10, ML5.0/1, Error ellipse: s-maj=39.0km s-min=18.8km az=62.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like LCCY, Blossom Villag, LCCY, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like HNR, Honiara, WRA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like LCCY, Blossom Villag, LCCY, etc.

SSNC 29 03:25:04.1-1.2, 19.73N-80.44W, h17km, 999km, MD4.7, Presumed earthquake

SSNC 29 03:25:04.1-1.2, 19.13N-0.09-80.84W-0.06, h35km, n29, s=170/32, mb3.6/6, 1C-2D, Cuba region

SSNC 29 03:25:04.1-1.2, 19.13N-0.09-80.84W-0.06, h35km, n29, s=170/32, mb3.6/6, 1C-2D, Cuba region

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LCCY, CBCY, MTJD, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like IKRK, HAGD, MSL, etc.

NEIC 29 04:54:04.3z 1.1, 17.96N, 0.02z 66.738W, 0.009, h10km, 1km, ML3.4/35, Md3.2/7(RSPR), Error ellipse: s-maj=3.1km s-min=2.5km az=155.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GBPR, Guanica, Bosqu, etc.

NIED 29 04:37:42.7, 27.31N, 126.56E, h21km, MW4.0, Moment Tensor Solution, s2 Moment tensor: Scale 1015Nm

JMA 29 04:37:42.7, 27.31N, 126.56E, h21km, 4km, MV3.6/10, NW OFF OKINAWA/JMA IS

ISC 29 04:37:44.1, 21.2723N, 0.06z 126.71E, 0.06, h3km, 15km, n20, c0557/21, mb3.5/6, Northwest of Ryukyu Islands

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CRPR, Cabo Rojo, PR, LSP, Las Mesas, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GNI, Gani, GANJ, Ganja, etc.

MEX 29 04:39:10.6z 1.9, 16.90N, 95.57W, h10km, 30km, MD4.0, Presumed earthquake, Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CMIG, Matias Romero, NEUV, Arroyo Zacate, etc.

MOS 29 05:02:44.1z 1.3, 33.68N, 45.62E, h9km, mb4.6/25, Error ellipse: s-maj=7.9km s-min=4.1km az=88.8

ISC 29 05:02:44.6z 1.0, 33.66N, 45.74E, h7km, 5km, ML4.0, Presumed earthquake

ISC 29 05:02:45.2z 0.7, 33.78N, 45.73E, h0km, mb4.2/24, mbtmp4.2/29, ML4.1/5, MS3.2/5, Error ellipse: s-maj=13.8km s-min=13.0km az=125.0

NEIC 29 05:02:46.9z 1.2, 33.65N, 0.07z 45.7E, 0.1, h10km, 1km, mb4.4/29, Error ellipse: s-maj=17.0km s-min=11.5km az=90.0

OMAN 29 05:02:58.4z 1.6, 32.69N, 46.31E, h2km, 10km, mb4.5/13, Error ellipse: s-maj=10.2km s-min=4.7km az=72.0

ISC 29 05:02:46.3z 0.3, 33.63N, 0.03z 45.75E, 0.04, h13km, n187, c135/202, mb4.5/52, MS3.2/5, 17C-8D, Iran-Iraq border region

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AB31, Akbulak array, AB31, Akbulak array, etc.

JSN 29 04:45:28.3z 1.6, 19.12N, 80.66W, h0km, 64km, MD4.4, Presumed earthquake

SNCN 29 04:45:30.8z 2.4, 18.96N, 80.73W, h21km, 37km, ML2.3, Presumed earthquake

ISC 29 04:45:31.5z 2.0, 19.07N, 0.09z 80.64W, 0.09, h35km, n13, c0583/16, Cuba region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LCCY, Blossom Villag, etc.

Table with columns for station name, coordinates, elevation, and various parameters. Includes stations like KKAR, MDVR, DRGR, SIRR, OBN, etc.

Table with columns for station name, coordinates, elevation, and various parameters. Includes stations like ESDC, EKA, KNGR, MDO1, NRIK, etc.

Table with columns for station name, coordinates, elevation, and various parameters. Includes stations like ELL, CAEL, DNZT, TAVA, THERA, etc.

Station lists and coordinates for stations in the 2112 region, including details on station names, coordinates, and elevations.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, and other technical details. Includes stations like TURN Turunc, IZZE Mula-Seydike, KSL Kastellorizon, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, and other technical details. Includes stations like CSS Mathiatis, CSS Kymi, CSS Kymi, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Band, and other technical details. Includes stations like KHC Kasperske Hory, MOTA Moosalm, FETA Feichten, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for MLPR, BDFB, BDFB, PDAR.

IDC 29 05:11:25.0.0.9, 46.166N, 155.77E, h0km, mb3.8/17, mbmp3.8/20, ML3.3/3, MS2.6/1, Error ellipse: s-maj=23.5km s-min=16.4km az=114.0

Main table for 29d 5h section, listing station names, coordinates, and seismic data. Includes stations like Severo-Kuril's, Pauzhetka, Kuril'sk, etc.

SSNC 29 05:14:18.6.2.5, 19.03N, 80.60W, h43km, 71km, MD3.6, ML3.4, Presumed earthquake

Table for 29d 5h section, listing station names, coordinates, and seismic data. Includes stations like Blossom Villag, The Bluff, Cay, etc.

IDC 29 05:16:43.0.0.9, 18.98N, 80.93W, h0km, mb4.0/13,

mbmp4.0/17, ML4.1/3, MS3.5/16, Error ellipse: s-maj=24.1km s-min=18.0km az=164.0

Main table for 2020 JAN section, listing station names, coordinates, and seismic data. Includes stations like Blossom Villag, The Bluff, Cay, etc.

Main table for 2114 section, listing station names, coordinates, and seismic data. Includes stations like San Juan, Pamplona, etc.

WRA Warramunga Arr 146.90 262 PKPbc PKPbc 05 36 26.9 -0.1 comp=2.0,4nm,0.6s,baz=84,slow=3.5,SNR=5.7
ASAR Alice Springs 147.39 255 PKPbc PKIKP 05 36 30.3 -0.3 comp=2.0,6nm,0.6s,baz=96,slow=4.2,SNR=7.9

SSNC 29 05:39:00.0±0.8,19:39N:78:60W,h34km,999km,ML2.2, MW2.5, Presumed earthquake
JSN 29 05:39:01.6±1.1,19:29N:78:28W,h0km,16km,MD3.8, Presumed earthquake
ISC 29 05:38:57.6±1.9,19:44N:01:78:63W±0.04,h27km±19km, n12,±153/19,1C-1D,Cuba region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like The Bluff, Cay, Blossom Villag, Las Mercedes, etc.

SSNC 29 05:45:24.1±2.6,18:99N:80:66W,h2km,9km,MD3.0, ML2.9, Presumed earthquake
JSN 29 05:45:27.0±0.5,19:09N:80:40W,h0km,23km,MD4.8, Presumed earthquake
ISC 29 05:45:26.8±2.3,19:11N:01:80:66W±0.10,h35km,n10, ±0591/13,1C,Cuba region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Blossom Villag, The Bluff, Cay, Manicaragua, etc.

FUNV 29 05:46:04.9±6.7,76N:73:19W,h162km,MW3.5, Presumed earthquake
RSNC 29 05:46:05.8±0.7,7N:1:7:3W±,h144km,2km,M2.6,mb3.4, ML2.3,MwMwp5.2,Mwp5.4
ISC 29 05:46:04.6±1.3,6.82N±0.03,73:12W±0.04,h151km±7km, n35,±1517/62,2D,Northern Colombia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Barichara, Pamplona, Rusia, etc.

2.1nm,0.6s
MAPV Macapao 5.50 57 eP Pn 05 47 24.9 +0.1
POPP Popayan, Colom 5.53 220 P S 05 47 26.0 +0.7
POPC Beln 6.30 60 S Pn 05 48 27.5 -0.8
BEWV Turunio 6.35 65 eP Pn 05 47 34.1 -1.2
TURV Turunio 6.35 65 eP Pn 05 47 35.8 -0.4
CACV CAICARA DEL OR 6.57 83 eP Pn 05 47 44.6 +5.7

JSN 29 05:52:35.6±1.8,18:84N:80:80W,h15km,MD4.5, Presumed earthquake
SSNC 29 05:52:44.9±2.7,19:50N:80:44W,h40km,28km,ML2.6, MW2.9, Presumed earthquake
ISC 29 05:52:44.6±2.4,19:77N:02:80:4W±0.1,h35km,n17, ±123/17,1C,Cuba region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Blossom Villag, The Bluff, Cay, Manicaragua, etc.

TEH 29 05:58:05.5±3.3,77N:45:64E,h8km,44km,ML2.7, Presumed earthquake
ISN 29 05:58:06.2±1.2,33:73N:45:52E,h14km,7km,ML2.8
ISC 29 05:58:06.1±1.4,33:80N:04:45:68E±0.06,h8km±12km, n9,±057/14,Iran-Iraq border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Gilan-e-Gharb, Badra, Ghaleghazi, etc.

JSN 29 06:00:21.5±1.3,18:67N:80:80W,h15km,999km,MD4.6, Presumed earthquake
SSNC 29 06:00:22.8±0.6,19:10N:80:80W,h11km,5km,MD2.3, ML2.2, Presumed earthquake
ISC 29 06:00:22.7±3.2,19:09N:01:80:7W±0.2,h35km,n8, ±035/11,2D,Cuba region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Blossom Villag, The Bluff, Cay, Manicaragua, etc.

IDC 29 06:02:23.4±1.3,9:94S:161:20E,h0km,mb3.8/5, mbmp3.8/6,ML3.6/1, Error ellipse: s-maj=28.6km s-min=24.4km az=14.0
ISC 29 06:02:31.1±1.1,10:1S:02:161:0E±0.2,h67km,n7, ±205/8,mb3.7/5,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Honiara, Mont Dzumac, Alice Springs, etc.

Longitude uncertainty: 2 km
ISK 29 06:04:25.3,36:63N:26:97E,h137km,ML2.9/19
THE 29 06:04:25.7,37N:32:7E,h126km,4km,M3.1/18, MLh3.1/18
AFAD 29 06:04:26.5,36:41N:27:09E,h25km,2km,ML2.9
ISC 29 06:04:23.7±0.9,36:49N:0:04:26:99E±0.04,h142km±7km, n91,±1559/135,mb3.3/3,Dodecanese Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Datca, Bodrum, Karpathos, etc.

29d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Dead Sea, Mount Ramon, Paran Flat, etc.

JSN 29 06:09:50.2, 0.7, 19.00N, 80.78W, h18km, MD4.2, Presumed earthquake
SSNC 29 06:09:53.6, 3.1, 19.22N, 80.58W, h60km, 61km, MD2.8, ML2.2, Presumed earthquake
ISC 29 06:09:51.7, 3.4, 19.22N, 80.77W, 0.2, h35km, n7, e123/8, 1C, Cuba region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Blossom Villag, The Bluff, Cay, Manicaragua, etc.

IDC 29 06:10:43.4, 1.9, 33.45N, 75.75E, h0km, mb3.7/6, mbmp3.7/10, ML3.2/4, Error ellipse: s-maj=44.7km s-min=26.4km az=60.0
ISC 29 06:10:46.9, 1.6, 33.55N, 75.75E, 0.2, h22km, n10, e090/10, mb3.8/6, Eastern Kashmir

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Ala-Archa, Makanchi Array, Kurchatov Arra, etc.

JMA 29 06:14:00.8, 0.2, 44.1N, 114.8E, h0km, MV5.2/39, SE OFF ETOROFU
BUJ 29 06:14:00.7, 4.4, 31N, 148.37E, h66km, mb5.0/12, mb4.7/55
MOS 29 06:14:01.3, 1.0, 44.37N, 148.15E, h67km, mb4.6/27, Error ellipse: s-maj=7.1km s-min=5.9km az=86.4
MOS Felt (I) at Malokuril'skoye, Reydovo.
SKHL 29 06:14:03.0, 0.1, 44.40N, 148.10E, h68km, 4km, mb5.9/5
IDC 29 06:14:05.2, 3.4, 44.52N, 148.10E, h73km, 20km, mb3.9/29, mbmp4.2/35, MS3.3/15, Error ellipse: s-maj=14.1km s-min=11.0km az=146.0
NEIC 29 06:14:05.5, 1.6, 44.51N, 0.09, 148.0E, 0.1, h71km, 2km, mb4.6/13, Error ellipse: s-maj=14.0km s-min=11.4km az=148.0
ISC 29 06:14:02.6, 0.7, 44.36N, 0.04, 148.22E, 0.05, h55km, 5km, n274, e132/265, mb4.5/119, MS3.6/9, 10C-7D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Kuril'sk, Kuril'sk, Kuril'sk, etc.

2020 JAN

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Golovnino, Nemuro-2, Misakicho, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Baijiatatau, Taian, Bilibino, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AKASG Malin Array Be, ASAR Alice Springs, EKA Eskdalemuir Ar, TXAR Lajitas Array.

IDC 29 07:14:54.8:0.6, 14.46N:89.77W, h243km, 5km, mb3.4/10, mbtmp4.0/13, Error ellipse: s-maj=24.1km s-min=9.2km az=57.0

SNET 29 07:14:54.6:1.4, 14.22N:89.99W, h239km, ML3.4, Presumed earthquake

NEIC 29 07:14:55.4:1.9, 14.41N:0.08:89.95W:0.08, h248km, 5km, mb4.1/28, Error ellipse: s-maj=13.5km s-min=9.1km az=45.0

GCG 29 07:14:55.8:1.5, 14.43N:90.01W, h227km, 12km, MD4.9, ML4.6, Presumed earthquake

CATAC 29 07:14:57.0:0.3, 14.1N:5.9W, h219km, 2km, M3.8/26, MLV3.8/26, Error ellipse: s-maj=11.2km s-min=3.3km az=28.3, confirmed

ISC 29 07:14:54.6:0.6, 14.35N:0.05:89.96W:0.05, h242km, 5km, n136, c1905/159, mb4.0/21, Guatemala

Main station list for 2020 JAN, columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RBDL Robledal, AGMN Agassiz Nant, YKA Yellowknife Ar, etc.

Table with columns: JTS, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Las Juntas de, HDC Heredia, RAFA San Rafael, etc.

IDC 29 07:26:45.8:0.5, 15.15S:152.52E, h74km, mb5.3/9, mb4.5/40, Ms4.6/3, Ms7.4/54

NEIC 29 07:26:49.9:1.8, 5.06S:0.07:152.01E:0.09, h67km, 5km, mb5.0/94, Error ellipse: s-maj=13.7km s-min=8.6km az=113.0

IDC 29 07:26:50.2:0.2, 5.04S:151.92E, h69km, 17km, mb4.3/24, mbtmp4.6/27, MS3.8/39, Error ellipse: s-maj=14.9km s-min=9.0km az=112.0

ISC 29 07:26:49.9:0.4, 5.09S:0.05:152.05E:0.06, h70km, n156, c1905/159, mb4.0/21, Guatemala

Main station list for 2020 JAN, columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like JTS Las Juntas de, HDC Heredia, RAFA San Rafael, etc.

Main station list for 2020 JAN, columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like RABL Rabaul, MANU Manus Island, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CLCO Concord Point, NIKH Nikolski High, and SP1A Saint Paul.

Table with columns: MARVS, IAML, Time, Res. Includes stations like HLGC Holgun, RCC Rio Carpintero, and TXAR Paso Flores.

Table with columns: UKR, Ust-Kan, Time, Res. Includes stations like UKR Ust-Kan, UKR Teeli, and MK31 Kiyas, Kuzbas.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SP1A Saint Paul, KDAK Kodiak Island, and GRNC Granite Creek.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like YKA Yellowknife Arr, PLCA Paso Flores, and ILAR Eielson Array.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HURO Huro Makira, HNR Hania, and WRA Warramunga Arr.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like YKA Yellowknife Arr, H1N2 WAKE ISLAND Hy, and H1N3 WAKE ISLAND Hy.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like YKA Yellowknife Arr, H1N2 WAKE ISLAND Hy, and H1N3 WAKE ISLAND Hy.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HNR Hania, SAVO Savo Central, and NGAO Tingoa Renbel.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PDAR Pinedale Array, SONM Songoing Array, and TXAR Lajitas Array.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like TXAR Lajitas Array, ZALV Zalesovo Beam, and KURK Kurchatov.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DZM Mont Dumac, MARNC Mare, Loyalty, and PMG Port Moresby.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BVAR Borovoy Array, MKAR Makanchi Array, and FINES FINESS Array B.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BVAR Borovoy Array, MKAR Makanchi Array, and FINES FINESS Array B.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WBO Warramunga Arr, WRAB Tennant Creek, and WRA Warramunga Arr.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like CBYC The Bluff, Cay, CBYC Blossom Villag, and LCCY Blossom Villag.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ASRS 29 08:11:39.4, NNC 29 08:11:43.6, and ISC 29 08:11:41.6.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like YKA Yellowknife Arr, ASAH Ashikawa, and CMAR Chiang Mai Arr.

Table with columns for station call signs (e.g., MNK, ENH, NEF), frequencies, and various status indicators (P, S, M, etc.).

Table with columns for station call signs (e.g., DRGR, GZR, GUR, VTS), frequencies, and various status indicators (P, S, M, etc.).

Table with columns for station call signs (e.g., DPC, OSTC, KRUC, SGP, CHVC), frequencies, and various status indicators (P, S, M, etc.).

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like PET, PSARD, PCAS, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like E19K, G15K, F18K, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like K17K, H24K, H24K, etc.

29d 9h

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like DHY Denali Highway, O16K Kokwok River B, O16K Kokwok River B, N19K Bonanza Creek, etc.

2020 JAN

Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like Q23K Middleton Isla, KAIM Kayak Island, KUQ Kuujuaua, N30M Aishkik Lake, etc.

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Table with columns: ID, Name, Time, Date, Status, etc. Includes entries like HTT Hallett, STKA Stephens Creek, YNE Yellowstone No, YHL Hebgan Lake, etc.

s-min=23.0km az=166.0
ISC 29 11:56:25.7 0.7, 32.04N:005:49.78E:0.03, h15km, n29,
c1993/30, mb3.4/7, Western Iran

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like AMIS, JHBN, ZNGN, IPIR, etc.

IDC 29 12:05:16.6 4.2, 36.32N:70.82E, h158km, 37km, mb3.5/11,
mbtmp=4.1/15, MS3.5/1, Error ellipse: s-maj=32.0km
s-min=13.7km az=40.0

MOS 29 12:05:18.6 0.9, 36.56N:70.88E, h181km, mb4.2/7, Error
ellipse: s-maj=13.0km s-min=6.1km az=82.9

NEIC 29 12:05:19.6 1.4, 36.55N:074:70.9E:0.1, h173km, gkm,
mb4.2/9, Error ellipse: s-maj=13.1km s-min=5.6km
az=86.0

NNC 29 12:05:23.9 4.7, 37.00N:70.71E, h201km, 48km, mb3.3,
mp4.2, Error ellipse: s-maj=43.1km s-min=28.0km
az=33.0

ISC 29 12:05:19.2 0.5, 36.51N:075:70.89E:0.05, h188km, n93,
c1993/109, mb3.8/11, 5C-7D, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like KBL, KBL, KBL, DRK, etc.

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like TARG, TARG, TARG, SMLA, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like CBCY, MTJD, MTJD, MTJD, etc.

IDC 29 12:29:28.6 1.8, 18.43N:80.85W, h0km, mb3.1/3,
mbtmp=3.3/4, ML2.1/2, MS3.2/8, Error ellipse: s-maj=61.6km
s-min=33.8km az=39.0

JSN 29 12:29:33.0 0.9, 18.87N:80.45W, h0km, 41km, MD4.4,
Presumed earthquake

SSNC 29 12:29:34.8 1.1, 19.04N:80.55W, h2km, ML3.5, MW3.7,
Presumed earthquake

29d 13h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like BR131 Keskin Array S, BR131 Keskin Array B, BRTR Keskin Array B, etc.

2020 JAN

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like VAE comp=Z,1.1um,19.4s,baz=96,slow=43, RAFF Ruffo Rosso, TESR Tesani, etc.

2138

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like VRAC comp=Z,966nm,20.5s,baz=148,slow=9.6,SNR=8.0, VRAC Vranov, etc.

29d 13h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like WMQ, NRK, NRIK, MOY, TSMU, TLY, ZAK, IRK, GTA2, OPO, TULEG, SONM, ULN, LZH, LBTB, LZDM, TXI, TNCH, BTO2, PZH, BOS, HHC, HCH, KMI2, CMAR, YAK, XAN, HILR, XLT, LYN, BJ2, SUR, HNS, ZEA, HEH, etc.

2020 JAN

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like TIA, A36M, BLKN, KCSI, BNX, KLR, BILL, SEY, KULM, PSI, PSI, PSI, VLD, A21K, C36M, C36M, C36M, MA2, MA2, C26K, USRK, C27K, D28M, C24K, D27M, D25K, INK, D24K, C21K, E28M, D23K, E29M, D22K, C18K, PDSI, D17K, C16K, TOLK, KSAR, KSAR, KSRS, E27K, F31M, RDG, F30M, E25K, TYV, TYV, TYV, E22K, E24K, E23K, F28M, D17K, F26K, G31M, E18K, BMAR, E19K, G29M, E17K, G27K, YKAW3, F20K, EPYK, EPYK, YKA, YKA, YKA, F19K, H29M, F18K, H31M, F17K, H27K, G21K, G21K, G19K, etc.

2140

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like F15K, F14K, G18K, I30M, I29M, I27K, WRGL, G17K, G16K, YSS, YSS, H19K, H20K, G15K, J30M, H18K, I21K, ANM, H16K, GCSA, DAWY, K29M, J20K, SCRK, I17K, BPAW, J19K, CMC0, K24K, RIDG, CHUM, MCK, L29M, MDSI, ULM, J18K, J16K, TRF, L27K, K20K, M30M, L26K, PETK, M31M, J14K, DHY, PAX, GU01, KOTAN, PPLA, WAT1, K17K, BVCY, M27K, M26K, WAT6, K15K, HARP, N32M, N31M, L18K, L17K, YUK3, N30M, M24K, WTLY, SKT, L15K, YUK4, SCM, L16K, M20K, M23K, SML, YUK8, N25K, M22K, L14K, WHY, PRPB, O30N, MCARA, KLU, PMR, YUK6, etc.

Table with columns: Station Name, Frequency, Power, Class, and Signal. Includes stations like OUCEN Ouen Island, N, PINNC Pines Island, and many others.

Table with columns: Station Name, Frequency, Power, Class, and Signal. Includes stations like CNB Canberra Magne, OUDAR Daramalan Coll, and many others.

Table with columns: Station Name, Frequency, Power, Class, and Signal. Includes stations like BBOO Buckleboe, GLAD Gladstone, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like XMAS Kiritimati, MEEK Meekatharra, TWSI Taliwang, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PMOR comp=Z,274nm,1.0s, KEKH Kekaha, JIE Ise, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAJ comp=Z,24nm,0.7s, ASAJ Asahikawa, ASAJ Asahikawa, etc.

29d 13h

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like Chitna Glacier, Etivluk River, Nabesna, AK, Mentasta, etc.

2020 JAN

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like Miner Creek, Barlow Dome, Telegraph Cree, Klondike Camp, etc.

2146

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like KURBB, TUC, NRK, NRK, NRK, etc.

29d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SDV, and various numerical values. Includes entries like NB2 NORSTAR Subarra, NOA NORSTAR Array B, ILAR Elison Array, etc.

CATAC 29:14:53.12.8.0.2, 19°N, 2°7'9W, h6km, MS, 1/11, mb5.2/8, mB5.3/5, MLv5.1/11, Mw(mb)4.8/5, Error ellipse: s-maj=4.4km s-min=2.8km az=159.9, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mr:1.0; Mw:1.86; Mo:0.61; Mo:0.61; Mo:0.03; Mo:0.65; Fault plane solution: Mo:1.89759; 1016° NP1: 113.61367°, 060.15462°, 118.33800°. NP2: 246.31420°, 84.02365°, 150.3989°. Principal axes: T: 1.8070, Pg: 0.9087, Azm7: 4838°, N: 0.1638, Plg2: 312°, Azm7: 68.5902°, P: 1.9768, Plg1: 80.818°, Azm: 183.6312°, confid: 0.8. IDC 29:14:53.12.8.0.4, 19°34'N, 78°6'W, h0km, mb4.5/27, mbmp4.5/33, ML4.3/5, MS4.3/21. Error ellipse: s-maj=13.8km s-min=10.4km az=47.0. NEIC 29:14:53.14.6.1.2, 19°38'N, 0°55'W, h10km, 1.3km, mb4.9/63, Mw4.9/12, Error ellipse: s-maj=10.3km s-min=8.0km az=238.0. NEIC 29:14:53.14.6.19, 19°33'N, 78°6'W, h12km, Moment Tensor Solution. Duration: 155 Moment tensor: Scale 10^16Nm; Mr:0.59; Mw:2.79; Mo:0.20; Mo:0.60; Mo:0.16; Mo:1.15; Fault plane solution: Ms:3.05000x10^16 NP1: 113.61367°, 060.15462°, 118.33800°. NP2: 246.31420°, 84.02365°, 150.3989°. Principal axes: T: 1.8070, Pg: 0.9087, Azm7: 4838°, N: 0.1638, Plg2: 312°, Azm7: 68.5902°, P: 1.9768, Plg1: 80.818°, Azm: 183.6312°, confid: 0.8. JSN 29:14:53.17.7.0.8, 19°33'N, 78°3'W, h0km, 16km, MW4.9, Presumed earthquake. ISC 29:14:53.13.2.1.0, 19.36N, 0.03, 78.72W, 0.03, h5km, 6km, n506, e147.15.0, mb4.7/64, MS4.4/19.2C-4D, Cuba region

2020 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, SDV, and various numerical values. Includes entries like CBOY The Bluff, Cay, LCCY Blossom Villag, MTJD Mount Denham, etc.

2150

Table with columns: SDV, Station Name, Time, Res, and various numerical values. Includes entries like Santo Domingo, Grady, Waverly Hall, San Pablo de B, etc.

29d 15h

Table with columns: Station Name, Az, El, P, S, Time, Res. Includes stations like F18K Selawik, H17K Ganigle Mouta, O15K Unalalikeet, etc.

2020 JAN

Table with columns: Station Name, Az, El, P, S, Time, Res. Includes stations like XAN Xi'an, CD2 Chengdu, PZ1 Parícuti, etc.

2152

Table with columns: Station Name, Az, El, P, S, Time, Res. Includes stations like EKA Eskdalemuir Ar, SPITS Spitsbergen Ar, ARCES ARCES Array B, etc.

29d 15h

Table of seismic data for 29d 15h, listing stations like YAK, KIRV, NRIK, etc., with columns for station name, time, and magnitude.

2020 JAN

Table of seismic data for 2020 JAN, listing stations like MORC, MORA, MORA, etc., with columns for station name, time, and magnitude.

2154

Table of seismic data for 2154, listing stations like CPUP, SIV, SDV, etc., with columns for station name, time, and magnitude.

2155

Table of station data for 2155, including columns for station name, coordinates, and various parameters like P, LR, and time values.

2020 JAN

Main table of station data for 2020 JAN, listing stations like KURK, KURBB, G18K, G19K, etc., with their respective coordinates and parameters.

29d 16h

Table of station data for 29d 16h, including stations like TJN, KSVOW, BURB, KSAAR, etc., with their coordinates and parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB09 IPOC Station P, PB03 IPOC Station P, etc.

NEIC 29 17:47:46.51.6, 24.15S:02:67.2W:0.1, h145km, 13km, mb4.1/3, Error ellipse: s-maj=15.1km s-min=1.3km az=97.0

GUC 29 17:47:49.2.0.5, 24.04S:67.64W, h200km, 9km, ML3.5 IDC 29 17:47:51.2.3.3, 23.73S:67.07W, h183km, 9km, mbmp3.8/4, Error ellipse: s-maj=33.9km s-min=28.1km az=119.0

ISC 29 17:47:45.3.0.9, 24.14S:02:66.67W:0.1, h167km, 17km, n43.3, f168/53, 1C, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PB06 IPOC Station P, PB03 IPOC Station P, etc.

Table with columns: BDFB, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Brasilia, Boa Vista, Makanchi Arrai.

IDC 29 17:58:02.1.1.4, 4.59S:127.83E, h0km, mb3.9/2, mbtmor3.8/5, ML3.7/3, MS3.0/1, Error ellipse: s-maj=41.6km s-min=28.1km az=71.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SIJI Sorong, WRA Warramunga Arr, ASAR Alina Springs, etc.

SSNC 29 18:04:13.6.1.1, 19.30N:78.84W, h20km, 42km, ML3.1, MW3.0, Presumed earthquake

JSN 29 18:04:18.4.0.8, 19.20N:78.22W, h0km, 23km, MD4.3, Presumed earthquake

ISC 29 18:04:12.3.1.4, 19.24N:077.787W:0.04, h35km, n17, r155/21, 3C, Cuba region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CBCY The Bluff, Cay, LCCY Blossom Villag, etc.

NAO 29 18:06:26.0, 30.57N:49.96E, h33km, MB4.3

ISO 29 18:07:25.6.1.1, 37.48N:45.01E, h10km, 32km, ML4.5

MOS 29 18:07:28.8.1.2, 37.05N:44.97E, h11km, mb5.0/53, Error ellipse: s-maj=4.1km s-min=3.0km az=106.1

ISK 29 18:07:28.4.36, 36.83N:44.97E, h5km, ML4.8/20

IDC 29 18:07:32.0.5.3, 37.03N:44.93E, h0km, mb4.5/38, mbmp4.5/51, ML4.0/11, MS3.8/48, Error ellipse: s-maj=9.9km s-min=8.4km az=160.0

TEH 29 18:07:28.8.37, 25N:45.04E, h9km, 33km, ML4.9, Presumed earthquake

THR 29 18:07:29.8.0.0, 37.21N:45.04E, h10km, 459km, ML4.9, Presumed earthquake

BUI 29 18:07:29.0, 37.00N:45.10E, h10km, mb5.3/15, mb4.7/54, Ms4.3/9, Ms7.4/0/10

DSN 29 18:07:29.9.0.7, 36.75N:44.72E, h15km, mb5.2/14, Error ellipse: s-maj=19.0km s-min=3.8km az=69.0

AFAD 29 18:07:30.4, 37.14N:45.35E, h11km, MW4.0

NEIC 29 18:07:31.2.2, 37.13N:05.44, 90E:0.07, h10km, 1km, mb4.9/100, Error ellipse: s-maj=10.1km s-min=7.5km az=62.0

GCMT 29 18:07:32.1.0.3, 37.04N:03.44, 97E:0.02, h21km, 1km, MW4.9/77, Moment Tensor Solution. s27.c29: s77.c114; Duration: 0 Moment tensor: Scale 10^16Nm; Mr-2.61±.20; Mw-0.09±.12; Mw2.70±.12; Mw3.01±.24; Mw4.0±.07; Mw-0.85±.17; Best double couple: M2.83300x10^16 NP1: 197.00000°, 83.00000°, -76.00000°. NP2: 359.00000°, 85.40000°, -101.00000°. Principal axes: 2.8730, P168.0000°, Azm97.0000°, N-0.0770; P169.0000°, Azm5.0000°, P-2.7920, P1678.0000°, Azm230.0000°, nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

MCSM 29 18:07:32.0.6.3, 37.0N:45.5E, h10km, mb4.7, mb5.0, Mw(m)B.4.3

GII 29 18:07:33.6.0.0, 37.05N:45.07E, h0km, confirmed

BGR 29 18:07:39.2, 36.96N:43.87E, h33km, mb4.8, Ms3.7

ISC 29 18:07:29.9.0.5, 37.07N:02:45.03E:0.02, h7km, 3km, n171, r26/05/748, mb4.8/157, MS3.8/46, 35C-33D,

Northwestern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OZAP Van, OZAP Erzurum, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IAZR Azarshahr, IAZR Cukurca, etc.

Table with columns: SRTM, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Siirt_Merkez, BLIS Bitlis-Merkez, etc.

29d 18h

Table with columns for station name, frequency, power, and signal quality. Includes stations like KIV, TOKA, VSNL, etc.

2020 JAN

Table with columns for station name, frequency, power, and signal quality. Includes stations like NAZ, NAW, NAZ, etc.

2158

Table with columns for station name, frequency, power, and signal quality. Includes stations like LOT, LOT, LOT, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ANTB Antalya, NAZL Nazilli-Aydin, INCE Denizli-Bozkuz, etc.

ISN 29 19:55:43.3±1.3, 37.33N;44.76E, h10km, 33km, ML3.2
TEH 29 19:55:47.5, 37.24N;45.11E, h9km, 43km, ML3.2

Presumed earthquake
AFAD 29 19:55:48.0±1.6, 37.15N;44.79E, h14km, 2km, ML2.8

ISC 29 19:55:48.0±1.6, 37.28N;0.05;44.94E;0.03, h14km, 13km, n30, r123/42, Turkey-Iran border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like IAZR Azarshahr, HAKT HAKKARI, HAKT HAKT, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BSSI Kahang-Kahang, KHKI KHKI, KAPI Baing, Sumba, etc.

ISC 29 20:01:03.0±3.8, 4.94N;127.77E, h127km, 39km, mb3.3/8, mbmp3.7/9, MS3.2/1, Error ellipse: s-maj=47.1km, s-min=18.4km az=77.0

ISC 29 20:01:05.1±0.8, 4.9N;0.1;127.9E;0.3, h150km, n10, r0577/10, mb3.5/8, Talaud Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SUJI Sorong, FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

SSNC 29 20:14:58.6±1.1, 20.04N;73.09W, h10km, MD2.7, ML2.3, MW2.4, Presumed earthquake
SDD 29 20:15:01.0±1.8, 19.86N;73.35W, h17km, 114km, MD2.5, ML2.3, MW2.8, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MARVS comp=N,9.6nm,0.3s, comp=E,18nm,0.4s, etc.

NIED 29 20:18:49.7, 37.22N;142.64E, h47km, MW3.3, Moment Tensor Solution, s2 Moment tensor: Scale 10^14Nm, Mn:-1.10; Mw:0.19; Ms:0.34; M0:0.46; Mw:0.21; Fault plane: Mo:1.8000x10^14 NPT:43.00000; 847.00000, -65.00000. NP2:188.00000, 849.00000, lambda=115.00000

JMA 29 20:18:49.7±0.3, 37.22N;0.8;144.4E, h47km, MW3.6/24, FAR E OFF NORTH HONSHU, Off east coast of Honshu

ISC 29 20:20:12.9±0.7, 28.29N;104.87E, h0km, mb3.9/14, mbmp3.9/16, ML4.0, MS2.8/4, Error ellipse: s-maj=31.6km s-min=14.3km az=62.0

NEIC 29 20:17.5±1.9, 28.47N;104.97E;0.07, h10km, 1km, mb4.3/17, Error ellipse: s-maj=14.9km s-min=10.5km az=173.0

ISC 29 20:17.1±0.6, 28.52N;0.008;105.04E;0.09, h19km, n42, r1503/43, mb4.0/21, MS2.5/3, Sichuan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like JIKH Ishinomakikubu, JIKH Ouri, JIKH Kawauchi, etc.

ISC 29 20:20:14.5±0.1, 28.29N;104.87E, h0km, mb3.9/14, mbmp3.9/16, ML4.0, MS2.8/4, Error ellipse: s-maj=31.6km s-min=14.3km az=62.0

29d 20h

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like D19K Kuna River, M13K Dal Lake, NOA NORSAR Array B, etc.

KRNET 29:20:26.7Δ.0.1, 39.94N; 77.28E, h19km, mb3.2
SOME 29:20:26.28.0, 39.95N; 77.27E, h10km
NNC 29:20:26.7Δ.9.0, 39.96N; 77.90E, h0km, mb3.5, mpv3.1,

Error ellipse: s-maj=70.2km s-min=43.5km az=155.0
ISC 29:20:26.28-8.1, 6.40, 0.00N; 0.07; 72.12E; 0.04, h10km, n30,

+174/53, 23C-8D, Kyrgyzstan-Xinjiang border region

Main table for station data with columns: Code, Station Name, Δ, AZ, Op, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists numerous stations including JNKS, NRN, TARG, etc.

UPP 29:20:32.36.9.1, 9.6635N; 14.57E, h0km, ML2.5, 1C,

Presumed earthquake, Northern Norway

Table for station data for the Northern Norway event, including stations MOR8, SALU, NIKU, etc.

NEIC 29:20:35.47.1±2.0, 19.45N; 0.02; 67.42W; 0.09, h10km, 1km,
ML2.8/35, Error ellipse: s-maj=14.3km s-min=3.6km
az=256.0

RSPPR 29:20:35.55.6, 18.96N; 67.73W, h7km, 31km
ISC 29:20:35.50.1±1.9, 19.25N; 0.08; 67.57W; 0.05, h11km, 10km,

n21, +169/30, 2C-4D, Mona Passage

Table for station data for the Mona Passage event, including stations IDE, etc.

2020 JAN

Main table for station data for the 2020 JAN event, including stations IDE, AGPR, etc.

ISC 29:20:41.10.6±2.6, 43.15N; 105.19W, h0km, mb3.4/2,
mbtmp3.4/4, ML3.0/2, MS3.2/4, Error ellipse: s-maj=55.1km
s-min=9.3km az=155.0

NEIC 29:20:41.14.9±2.5, 43.55N; 0.08; 105.21W; 0.09, h0km, 2km,
ML3.3/68, Error ellipse: s-maj=13.9km s-min=10.2km

ISC 29:20:41.13.1±1.0, 43.64N; 0.06; 105.26W; 0.05, h0km, n34,

+146/23, Wyoming

Main table for station data for the Wyoming event, including stations RSSD, K2SA, etc.

2164

Table for station data for the 2164 event, including stations NEW, PFO, YKA, etc.

ISC 29:20:53.34.2±1.5, 4.68N; 122.28E, h0km, mb3.6/5,
mbtmp3.6/5, Error ellipse: s-maj=258.4km
s-min=20.4km az=62.0, Celebes Sea

Table for station data for the Celebes Sea event, including stations WRA, ASAR, etc.

SJA 29:20:53.32.0.0, 7.30; 115S; 72.68W, h31km, 7km, ML4.9,
MW5.1

NEIC 29:20:53.36.9.30; 14S; 72.60W, h30km, Moment Tensor
Solution. Duration: 1s1 Moment tensor: Scale 10^10Nm;

Mn:0.3; Mw:0.09; Ms:1.93; Ms:0.08; Ms:0.05;
Ms:0.7; Fault plane solution: Ms2.13000x10^16 NP1:
0.01000; 834.26000; 1.87.54000; NP2:0.182.99000;

555.77000; 1.91.68000; Principal axes: T 2.1759,
P1g79.0000; Azm99.0000; N -0.0948, P1g1.0000;
Az2m2.0000; P 2.0811, P1g11.0000; Azm272.0000;

NEIC 29:20:53.36.9.30; 24S; 72.14W, h33km,
ISC 29:20:53.36.1±0.6, 30.20S; 71.94W, h0km, mb4.7/17,
mbtmp4.6/22, ML4.3/5, MS4.0/21, Error ellipse:

s-maj=20.0km s-min=14.7km az=54.0
VAO 29:20:53.36.5±0.5, 30.34S; 72.06W, h10km, mb4.9,

Presumed earthquake
NEIC 29:20:53.37.9±2.5, 30.25S; 0.04; 72.04W; 0.05, h13km, 2km,

mb5.1/138, Mww4.8/8, Mwr4.9(GUC), Error ellipse:
s-maj=6.5km s-min=5.9km az=100.0

GUC 29:20:53.37.1±0.6, 30.26S; 72.20W, h36km, 2km, ML4.9
ISC 29:20:53.35.8±1.1, 30.24S; 0.02; 72.07W; 0.04, h5km, 6km,

n30.1, +158/285, mb5.1/76, MS4.2/17, 13C-8D, Off coast
of central Chile

Main table for station data for the Chile event, including stations CO06, CO05, etc.

Table with columns: RTLS, Leonicito, 2.84 124, eP, Pn, 20 54 08.2, -14, 20 55 03.0, +0.5, IAML, S, etc.

Table with columns: PLCA, comp=Z, 1.85nm, 20.8s, baz=350, slow=34, LR, 20 59 36.7, etc.

Table with columns: V53A, Saluda, 66.33 350, Iamb, Iamb, 21 04 26.9, SAND, Sanderson, 66.35 332, Iamb, Iamb, 21 04 40.8, etc.

29d 23h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ECPR Experimental S, EMPR Esperanza - Ma, AGPR Aguadilla, PR, etc.

IDC 29 22:42:48.7, 2.1, 32.61N, 47.23E, h0km, mb3.9/14, mbmp3.9/16, ML3.5/2, Error ellipse: s-maj=4.2, 0.8km

ISN 29 22:42:51.9, 0.8, 32.64N, 47.02E, h10km, 3km, ML3.5, TEH 29 22:42:51.9, 0.8, 32.64N, 47.28E, h16km, 18km, ML3.7, Presumed earthquake

DSN 29 22:42:58.7, 0.2, 32.21N, 47.77E, h15km, ML2.5/1, Error ellipse: s-maj=3.5km s-min=3.3km az=332.0, ISC 29 22:42:51.9, 0.6, 32.59N, 0.04, 47.25E, 0.04, h23km, n55, s174/64, mb4.0/13, Iran-Iraq border region

Main table of station data for the left column, including station names, coordinates, and seismic parameters.

NEIC 29 22:44:09.9, 0.8, 17.93N, 0.03, 66.891W, 0.005, h10km, 14km, ML3.4/37, MD3.1/6(RSPR), Error ellipse:

2020 JAN

s-maj=4.7km s-min=2.8km az=355.0 RSPR 29 22:44:10.5, 17.96N, 66.92W, h9km, MD3.1/6, SDD 29 22:44:10.6, 2.5, 17.96N, 66.93W, h18km, 13km, MD3.6, ML3.3, MW3.5, Presumed earthquake

ISC 29 22:44:09.7, 0.9, 17.93N, 0.05, 66.90W, 0.02, h15km, 5km, n44, s060/70, 18C-7D, Puerto Rico region

Main table of station data for the middle column, including station names, coordinates, and seismic parameters.

NEIC 29 23:17:46.3, 1.7, 16.91N, 0.05, 100.03W, 0.04, h10km, 1km, mb4.9/36, MD5.1/15(MEX), Error ellipse: s-maj=8.4km s-min=6.3km az=206.0

MEX 29 23:17:48.3, 1.4, 16.79N, 100.14W, h14km, 15km, MD5.1, IDC 29 23:17:50.0, 4.2, 16.94N, 99.85W, h33km, 30km, mb4.3/24, mbmp4.4/28, ML3.6/5, MS4.0/21, Error ellipse: s-maj=23.9km s-min=10.9km az=50.0

ISC 29 23:17:46.3, 0.9, 16.84N, 0.03, 100.04W, 0.02, h12km, 5km, n495, s1942/52, mb4.7/57, MS4.0/18, 7C-4D, Near coast of Guerrero

Main table of station data for the middle column, including station names, coordinates, and seismic parameters.

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Main table of station data for the right column, including station names, coordinates, and seismic parameters.

Table with columns for station name, frequency, power, and other technical details. Includes stations like DHIG Demacu, JRQG Juruquilla Cam, HUIG Huatuclo, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PFO Pinyon Flats O, PFO Pinyon Flats O, PFO Pinyon Flats O, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like P30M Million Dollar, O30N Mendenhall, N31M Greburn, etc.

Table with columns: SKT, comp, I/Amb, P, 23 27 37.9, SKT, comp, I/Amb, P, 23 27 37.0 +0.9, SKT, comp, I/Amb, P, 23 27 36.2 +0.1, SKT, comp, I/Amb, P, 23 27 37.9, SKT, comp, I/Amb, P, 23 27 36.8 +0.7, E27K, comp, I/Amb, P, 23 27 37.2 +0.9, TRF, comp, I/Amb, P, 23 27 38.3 +0.6, TRF, comp, I/Amb, P, 23 27 38.7 +1.0, NEA2, comp, I/Amb, P, 23 27 39.2 +0.9, O19K, comp, I/Amb, P, 23 27 40.5 +1.2, F26K, comp, I/Amb, P, 23 27 40.2 +0.9, Q17K, comp, I/Amb, P, 23 27 40.3 +0.8, R17L, comp, I/Amb, P, 23 27 40.2 +0.7, P18K, comp, I/Amb, P, 23 27 40.5 +0.4, H24K, comp, I/Amb, P, 23 27 41.4 +1.3, M20K, comp, I/Amb, P, 23 27 40.9 +0.3, M20K, comp, I/Amb, P, 23 27 41.5 +0.9, PPLA, comp, I/Amb, P, 23 27 41.8 +0.7, I23K, comp, I/Amb, P, 23 27 42.3 +1.3, N19K, comp, I/Amb, P, 23 27 42.3 +0.6, BPAW, comp, I/Amb, P, 23 27 42.1 +0.5, F25K, comp, I/Amb, P, 23 27 43.0 +1.0, G24K, comp, I/Amb, P, 23 27 43.5 +1.1, E25K, comp, I/Amb, P, 23 27 45.1 +1.1, MLY, comp, I/Amb, P, 23 27 45.2 +1.0, N18K, comp, I/Amb, P, 23 27 46.2 +0.6, L19K, comp, I/Amb, P, 23 27 47.3 +0.7, C27K, comp, I/Amb, P, 23 27 47.8 +0.1, O17K, comp, I/Amb, P, 23 27 47.9 +0.8, M18K, comp, I/Amb, P, 23 27 47.8 +0.2, K20K, comp, I/Amb, P, 23 27 48.0 +0.3, I21K, comp, I/Amb, P, 23 27 48.4 +0.6, SJ1D, comp, I/Amb, LR, 23 26 45.4, P16K, comp, I/Amb, LR, 23 27 48.9 +0.6, G23K, comp, I/Amb, P, 23 27 49.1 +0.7, H22K, comp, I/Amb, P, 23 27 49.0 +0.3, PPT2, comp, I/Amb, LR, 23 45 19.1, PPT2, comp, I/Amb, LR, 23 45 26.2, SDPT, comp, I/Amb, P, 23 27 50.7 +1.0, O16K, comp, I/Amb, P, 23 27 50.8 +0.9, E24K, comp, I/Amb, P, 23 27 50.9 +0.8, J20K, comp, I/Amb, P, 23 27 50.5 +0.1, C26K, comp, I/Amb, P, 23 27 51.2 +0.9, CPUP, comp, I/Amb, P, 23 27 50.5 -0.4, COLD, comp, I/Amb, P, 23 27 51.5 +0.9, D25K, comp, I/Amb, P, 23 27 51.3 +0.6, H21K, comp, I/Amb, P, 23 27 51.8 +0.3, L18K, comp, I/Amb, P, 23 27 52.6 +0.6, E23K, comp, I/Amb, P, 23 27 53.7 +1.2, G22K, comp, I/Amb, P, 23 27 53.5 +1.0, J19K, comp, I/Amb, P, 23 27 54.1 +0.3, N16K, comp, I/Amb, P, 23 27 54.9 +0.7, TOLK, comp, I/Amb, P, 23 27 55.5 +1.0, O15K, comp, I/Amb, P, 23 27 55.3 +0.5, D24K, comp, I/Amb, P, 23 27 55.4 +0.6, J18K, comp, I/Amb, P, 23 27 55.7 +0.2, M16K, comp, I/Amb, P, 23 27 56.8 +0.7, H20K, comp, I/Amb, P, 23 27 56.8 +0.5, L17K, comp, I/Amb, P, 23 27 57.1 +0.5, BDFB, comp, I/Amb, P, 23 27 56.7 -0.9, BDFB, comp, I/Amb, P, 23 27 57.5 -0.1, BDFB, comp, I/Amb, P, 23 28 06.9, C24K, comp, I/Amb, P, 23 27 57.0 +0.3, D23K, comp, I/Amb, P, 23 27 59.6 +1.6, K17K, comp, I/Amb, P, 23 27 58.5 +0.4, L16K, comp, I/Amb, P, 23 27 58.5 +0.4, H19K, comp, I/Amb, P, 23 28 00.4 +0.1, D22K, comp, I/Amb, P, 23 28 02.9 +1.0, F20K, comp, I/Amb, P, 23 28 03.7 +0.8, G19K, comp, I/Amb, P, 23 28 04.2 +0.5, H18K, comp, I/Amb, P, 23 28 04.9 +0.5, M14K, comp, I/Amb, P, 23 28 05.4 +0.5, TULEG, comp, I/Amb, P, 23 28 05.0 +0.2, TULEG, comp, I/Amb, P, 23 28 04.3 -0.5, TULEG, comp, I/Amb, P, 23 28 05.6, L15K, comp, I/Amb, P, 23 28 05.8 +0.5, J16K, comp, I/Amb, P, 23 28 06.9 +0.9, K15K, comp, I/Amb, P, 23 28 07.5 +0.8, G18K, comp, I/Amb, P, 23 28 08.1 +1.1, F19K, comp, I/Amb, P, 23 28 07.8 +0.6, C21K, comp, I/Amb, P, 23 28 08.0 +0.8, I17K, comp, I/Amb, P, 23 28 08.8 +1.2, E19K, comp, I/Amb, P, 23 28 08.1 +0.4, H17K, comp, I/Amb, P, 23 28 08.8 +0.9, L14K, comp, I/Amb, P, 23 28 08.7 +0.4

Table with columns: D20K, Etlivuk River, 62.57 340 P, 23 28 10.4 +0.5, TBI, Tubuai, 62.67 232 eLR, LR, 23 46 45.7, TBI, comp, eLR, LR, 23 46 49.6, TBI, comp, eT, T, 00 36 08.8, G17K, Kiwalik Mouna, 62.77 336 P, 23 28 12.0 +0.9, F18K, Selawik, 62.78 337 P, 23 28 12.0 +0.8, D19K, Kuna River, 62.98 339 P, 23 28 12.9 +0.3, H16K, Elim, 63.12 335 P, 23 28 14.5 +1.0, J14K, Nanvaranak Lak, 63.12 332 P, 23 28 14.7 +1.2, F17K, Baldwin Pennin, 63.32 337 P, 23 28 15.7 +0.9, K13K, Kusilvak Mount, 63.40 331 P, 23 28 16.2 +0.8, G16K, Koyuk River, 63.40 336 P, 23 28 16.3 +0.9, E18K, Tukpahleark C, 63.43 338 P, 23 28 16.3 +0.8, PLCA, Paso Flores, 63.49 155 P, 23 28 17.5 +1.1, C19K, Lookout Ridge, 63.72 340 P, 23 28 18.1 +0.7, E17K, Hotham Inlet, 63.76 337 P, 23 28 18.4 +0.7, ITAB, Concordia, 63.86 133 P, 23 28 19.5 +0.5, G15K, Utuluk, 63.96 335 P, 23 28 20.1 +1.0, C18K, Utuluk River, 64.08 339 P, 23 28 20.1 +0.1, ANM, Nome, 64.39 334 P, 23 28 23.1 +1.2, F15K, Not Star Dit, 64.41 336 P, 23 28 23.4 +1.4, D17K, Noatak River, 64.42 338 P, 23 28 22.9 +0.9, C17K, DeLong Mounai, 64.71 339 P, 23 28 24.4 +0.4, F14K, Arctoc Mount, 65.02 335 P, 23 28 26.7 +0.7, NEEM, North Greenlan, 65.27 10 P, 23 28 26.9 -1.0, NEEM, I/Amb, 23 28 28.7, C16K, Lisburne Hills, 65.41 338 P, 23 28 28.9 +0.4, SUMG, Summit, 65.68 17 P, 23 28 31.0 +0.4, SUMG, I/Amb, 23 28 49.2, SUMG, Summit, 65.68 17 P, 23 28 30.0 -0.7, SUMG, I/Amb, 23 28 31.8, TNA, Tin City, 65.68 335 P, 23 28 31.1 +0.9, PLTB, Pedras Altas, 65.71 137 P, 23 28 31.1 +0.1, GAMB, Gambell, 66.94 333 P, 23 28 32.2 +0.9, BILL, Ilibino, 75.90 337 P, 23 29 32.1 -0.3, SPITS, Spitsbergen Ar, 78.22 11 P, 23 29 49.3 +0.6, EKA, Eskleumar Ar, 80.17 35 P, 23 29 55.9 -0.5, PVAQ, Vaqueiros, 81.77 54 P, 23 30 06.2 +1.0, PETK, Petrovlovsk, 83.86 324 P, 23 30 16.3 +0.5, ESDC, Sonseca Array, 83.98 51 P, 23 30 16.1 -0.8, NOA, NORSAR Array B, 85.27 27 P, 23 30 22.3 -0.5, MD01, Mid array S, 85.34 57 P, 23 30 23.8 -0.1, MD31, MD31, 85.34 57 P, 23 30 23.8 -0.1, MD31, I/Amb, 23 30 25.5, ARCES, ARCESS Array A, 85.78 17 P, 23 30 24.9 -0.3, ARCES, ARCESS Array B, 85.78 17 P, 23 30 24.6 -0.6, TIXI, Tiksi, 85.78 346 P, 23 30 33.5, TIXI, I/Amb, 23 30 33.5, FINES, FINES Array B, 91.08 23 P, 23 30 50.1 -0.4, DBIC, Dimboko, 93.02 82 P, 23 30 59.8 -0.7, DBIC, Dimboko, 93.02 82 P, 23 30 59.9 -0.6, DBIC, I/Amb, 23 31 01.6, TORD, Torodi Ar. Bea, 97.16 74 P, 23 31 18.1 -1.4, TORD, PP, 23 35 16.0 +0.5, KLR, Kul'dur, 99.84 328 LR, LR, 00 16 57.5, ZALV, Zalesovo Beam, 109.38 337 P, 23 36 44.2 -0.8, KURBB, Kurchatov Arr, 112.82 1 PP, 23 37 04.7 -5.0, MMAI, Mount Meron Ar, 114.66 40 PP, 23 37 22.6 -1.2, HHC, Hu-ho-hao-te, 115.54 334 eP, 23 36 25.5 -3.2, MKAR, Makanchi Array, 116.63 358 PP, 23 37 33.9 -2.8, NJ2, Nanjing, 118.75 323 eP, 23 36 36.0 +1.0, WMQ, Urumqi, 119.23 354 ePKP, 23 36 37.5 +1.7, WMQ, LR, 23 36 37.5 +1.7, WMQ, LR, 23 36 37.5 +1.7, WMQ, LR, 23 36 37.5 +1.7, WRA, Warramunga Arr, 128.49 258 PKP, 23 36 53.5 -0.5, ASAR, Alice Springs, 129.18 253 PKP, 23 36 55.3 +0.1, PZH, PanZhihua, 132.00 333 PKP, 23 37 00.5 -0.2, CMAR, Chiang Mai Arr, 140.26 331 PKP, 23 37 16.8 +0.8, CMAR, Chiang Mai Arr, 140.26 331 PKP, 23 37 14.9 -1.1, IDC 29 23:22:42.01.4, 30.20N:95.43E, h0km, mb3.6/4, mbtm3.6/8, ML3.9/4, Error ellipse: s-maj=38.8km, ISC 29 23:22:46.8-1.1, 30.22N:01.955E:0.2, h35km, n8, 0.076/8, mb3.5/3, Xizang, Code, Station Name, Az, Phase ID, Time, Res, LZMD, Lanzhou Array, 8.98 48 Op, 23 24 54.4 +0.1, CMAR, Chiang Mai Arr, 12.09 164 Pn, 23 25 36.1 -0.5, MKAR, Makanchi Array, 19.49 332 P, 23 27 10.1 -0.6, SONM, Sngino Array, 19.53 22 P, 23 27 11.1 -0.1, AAK, Ala-Archa, 20.91 312 P, 23 27 27.0 +0.7, KURBB, Kurchatov Arr, 24.95 333 P, 23 27 57.4 -1.1, ZALV, Zalesovo Beam, 24.98 345 P, 23 28 06.6 -0.3, WRA, Warramunga Arr, 62.31 138 P, 23 33 06.4 +0.7

Table with columns: 0.3nm, 0.8s, DJA 29 23:34:45.5-0.4, 1N:3.12'2E, h10km, M4.0/14, mB5.7/2, mb4.1/6, MLV4.0/14, Mw(MB)5.2/2, Minahasa Peninsula, Sulawesi, Code, Station Name, Az, Phase ID, Time, Res, MRSI, Marisa, 0.79 178 Op, 23 34 59.1 -1.6, APSI, Ampana, 2.18 187 P, 23 35 22.8 +0.9, MPSI, Mapaga, 2.21 245 P, 23 35 50.3 +1.3, MFSI, Luwuk, 2.45 159 P, 23 35 52.4 +0.1, LUWI, Luwuk, 2.45 159 P, 23 35 56.8 +1.1, PCI, Palu, 3.00 224 P, 23 35 33.4 +0.3, TTSI, Tana Toraja, 4.77 206 P, 23 35 57.6 +0.1, TTSI, Tana Toraja, 4.77 206 P, 23 36 53.9 +1.0, MMSI, Mamuju, 4.95 217 P, 23 36 00.7 +0.7, KDI, Kendari, 5.24 172 S, 23 36 04.3 +0.3, SANI, Sanana, 5.24 129 P, 23 37 05.6 +1.1, KKSJ, Kolaka, Sulawesi, 5.41 183 P, 23 36 05.6 -0.7, PMSI, Majene, 5.61 212 P, 23 36 09.3 +0.3, SPSI, Sidrap Palu, 5.62 202 P, 23 36 08.4 -0.8, SPSI, Sidrap Palu, 5.62 202 P, 23 37 14.9 +1.0, GAMI, Galela, Maluku, 5.90 84 P, 23 36 14.3 +1.2, KAPI, Kappang, 6.60 199 P, 23 36 23.2 +0.5, MSAI, Masohi, 8.83 123 P, 23 36 47.3 +0.2, IDC 29 23:38:11.6:1.8, 20.81S:178.86W, h576km, 22km, mb3.4/12, mbtmp4.4/15, Error ellipse: s-maj=22.0km, s-min=13.6km az=176.0, NEIC 29 23:38:13.3:1.6, 20.95S:0.1x178.8W:0.1, h599km, 8km, mb4.4/20, Error ellipse: s-maj=19.4km s-min=18.2km, ISC 29 23:38:14.5-0.5, 20.95S:0.09:178.93W:0.08, h619km, n50, c195/50, mb4.0/18, Fiji Islands region, Code, Station Name, Az, Phase ID, Time, Res, MSVF, Nonsavu, 4.29 318 Op, 23 39 42.0 -1.5, RAO, Raoul Island, 6.31 174 P, 23 40 16.2 -1.1, MARC, Mare, Loyalty, 12.17 265 P, 23 40 53.9 -1.0, PINN, Pines Island, 12.76 260 P, 23 41 00.2 -0.4, DZM, Mont Dzumac, 13.66 263 P, 23 41 08.5 -1.0, DZM, Mont Dzumac, 13.66 263 P, 23 41 08.9 -0.7, TOZ, Tahuroa Road, 17.40 195 P, 23 41 42.7 -0.9, TOZ, I/Amb, 23 41 51.5, URZ, Urewera, 17.58 190 P, 23 41 44.1 -1.1, RAR, Rarotonga, 17.88 94 P, 23 41 46.4 -1.8, RTZ, Ruatuhuna, 17.90 190 P, 23 41 46.6 -2.0, BKZ, Black Stump Fm, 18.57 191 P, 23 41 55.2 -2.0, CTA, Charters Tower, 32.58 265 P, 23 43 57.7 +0.4, CTAO, Charters Tower, 32.58 265 P, 23 43 57.6 +0.4, PMG, Port Moresby, 34.60 284 P, 23 44 14.0 -0.2, PMG, I/Amb, 23 44 15.4, BBOO, Buckleboe, 41.56 244 P, 23 45 10.3 +0.2, JAY, Jayapura, 43.37 290 P, 23 45 24.7 +0.3, AS31, Alice Springs, 43.56 257 P, 23 45 26.6 +0.7, ASAR, Alice Springs, 43.57 257 P, 23 45 26.4 +0.5, ASAR, comp, 2.2, 3nm, 0.5s, baz=96, slow=7.7, SNR=27, 23 49 57.5 +4.8, ASAR, ScP, 23 49 57.5 +4.8, ASAR, Alice Springs, 43.57 257 P, 23 45 25.9 +0.1, WRA, Warramunga Arr, 43.67 263 P, 23 45 26.5 -0.1, WRA, Warramunga Arr, 43.67 263 P, 23 45 26.8 0.0, WRA, Warramunga Arr, 43.67 263 P, 23 45 26.7 0.0, KNRA, Kununurra, 47.96 287 P, 23 45 13.6 +0.2, FITZ, Fitzroy Cross, 52.10 263 P, 23 46 29.9 +0.7, MBWA, Marble Bar, 56.90 258 P, 23 47 02.3 -0.3, VNSA, VNSA, 57.38 185 P, 23 47 06.6 +1.7, MJAR, Matsushiro Arr, 70.06 324 P, 23 48 24.6 -1.2, ADK, Adak, 72.55 1 P, 23 48 39.3 -0.6, TPUB, Tappan, 73.49 303 P, 23 48 45.1 -0.8, SSLB, Saunglung, 73.50 304 P, 23 48 45.0 -1.1, PEAOB, Petropavlovsk, 76.49 346 P, 23 49 02.1 +0.2, PETK, Petropavlovsk, 76.49 346 P, 23 49 02.1 +0.2, BELA, Belgrano 2, 79.22 173 P, 23 49 15.5 +0.2, N15K, Kwethluk River, 82.28 9 P, 23 49 32.7 +0.6, M16K, Timber Creek, 83.27 10 P, 23 49 37.8 +0.8, TXAR, Lajitas Array, 88.03 58 P, 23 50 01.5 +0.8, TXAR, Lajitas Array, 88.03 58 P, 23 50 01.1 +0.5, ILAR, Eielson Array, 88.95 13 P, 23 50 03.2 -0.7, CMAR, Chiang Mai Arr, 89.44 290 P, 23 50 09.6 +2.3, PLCA, Paso Flores, 89.59 134 P, 23 50 08.7 +0.8, PLCA, Paso Flores, 89.59 134 P, 23 50 08.6 +0.8, PDAR, Pinedale Array, 89.89 44 P, 23 50 09.7 +0.6, FINES, FINESS Array B, 135.96 343 PKP, 23 50 28.2 +0.7, AKASG, Malin Array B, 142.98 330 PKHP, 23 56 36.5, BRTR, Keskin Array B, 146.49 311 PKPbc, 23 56 48.3 +0.3, BUR08, Bucoquina Arr, S 147.00 329 PKPbc, 23 56 50.1 -0.7, BURAR, Bucoquina Array, 147.02 329 PKPbc, 23 56 49.2 +0.1, MMAI, Mount Meron Ar, 147.27 329 PKPbc, 23 56 51.2 -0.5, MEX 29 23:43:04.7-0.9, 14.72N:92.60W, h84km, 14km, MD4.0, GCG 29 23:43:06.5-0.7, 14.72N:92.44W, h70km, 12km, ML3.0, Presumed earthquake, ISC 29 23:43:01.5-1.8, 14.5N:0.1x92.60W:0.08, h77km, 15km, n15, c150/27, Near coast of Chiapas, Code, Station Name, Az, Phase ID, Time, Res, THIG, 0.54 36 Op, 23 43 16.6 +1.3, THIG, eS, 23 43 25.2 -0.3

2175

Table with columns: TIV, comp, name, frequency, status, and various numerical values. Includes stations like ARMA Armidale, BRDH Bariaadhala, BJ2 Beijing, etc.

2020 JAN

Table with columns: MDJ, comp, name, frequency, status, and various numerical values. Includes stations like MDJ Erlimo, XLT XiLinHaoTe, LSA Lhasa, etc.

29d 23h

Table with columns: HILR, comp, name, frequency, status, and various numerical values. Includes stations like HEH Heihe, HYB Hyderabad, ULN Ulaanbaatar, etc.

29d 23h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Ouz, Bod, Pea0B, Petk, Wus, Jcz, etc.

2020 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like Yakutsk, BVAR, JMD0, BORK, etc.

2176

Table with columns for station name, frequency, power, and other technical details. Includes stations like BVAR, JMD0, BORK, etc.

30d Oh

Table of seismic events with columns: Station, Location, Time, Magnitude, Depth, and other parameters. Includes stations like MD01, PEVJE, MCSE, etc.

2020 JAN

Main table of seismic events for January 2020, including station names, coordinates, magnitudes, and depths. Includes stations like SDV, RCBR, RCBR, etc.

2180

Table of seismic events for magnitude 2.180 and above, including station names, coordinates, magnitudes, and depths. Includes stations like KKKI, KTSI, KTSI, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like ROSALIA, SABO, ZST, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like CKRC, BOB, LKR, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like BRG, BERGI, MANZ, etc.

Table with columns: Station Name, Frequency, Mode, Power, and Signal Quality. Includes stations like PMRV, Karmoy, Castelo Branco, etc.

Table with columns: Station Name, Frequency, Mode, Power, and Signal Quality. Includes stations like ARTI, DMTO, Wadi Bani Khal, etc.

Table with columns: Station Name, Frequency, Mode, Power, and Signal Quality. Includes stations like KTK1, LOF, Taraz, etc.

BJJ2		sP	sP	01 39 07.8	+2.1				
BJJ2		PP	PP	01 41 29.3	+1.0				
BJJ2		S	S	01 47 52.5	-2.6				
BJJ2	comp=Z,15nm,1.0s	pmax	pmax						
BJJ2	comp=Z,190nm,4.6s	LR	LR						
BJJ2	comp=Z,670nm,23.3s	LR	LR						
BJJ2	comp=Z,530nm,25.0s	LR	LR						
BJJ2	comp=Z,670nm,19.5s	LR	LR						
HNS	HongShan	67.50	59	↑P	P	01 39 02.0	+0.4		
HNS				↓P	S	01 47 59.8	+2.3		
HNS	comp=Z,55nm,1.5s	pmax	pmax						
HNS	comp=Z,2μm,20.2s	LR	LR						
HNS	comp=Z,670nm,19.7s	LR	LR						
HNS	comp=Z,1μm,22.6s	LR	LR						
SUR	Sutherland	67.50	186	↑P	P	02 09 20.5			
SUR	Sutherland	67.50	186	↓P	S	01 39 03.5	+1.9		
SUR	Zeya	67.56	39	↑P	P	01 39 03.5	+1.9		
ZEA	comp=E,10.0nm,1.2s	pmax	pmax						
ZEA	comp=N,10.0nm,0.6s	pmax	pmax						
ZEA	comp=Z,10.0nm,1.0s	pmax	pmax						
HEH	HeiHe	69.37	43	↑P	P	01 39 13.0	-0.1		
HEH				↓P	S	01 39 18.5	+1.1		
HEH				↓P	S	01 48 22.5	+3.1		
HEH	comp=Z,43nm,1.1s	LR	LR						
HEH	comp=Z,3μm,17.8s	LR	LR						
HEH	comp=Z,1μm,18.0s	LR	LR						
HEH	comp=Z,3μm,18.6s	LR	LR						
TIA	Tai'an	69.77	60	↑P	P	01 39 16.0	+0.2		
TIA				↓P	S	01 39 21.0	+1.0		
TIA				↓P	S	01 48 26.5	+1.9		
TIA	comp=Z,61nm,0.9s	LR	LR						
TIA	comp=Z,1μm,23.8s	LR	LR						
TIA	comp=Z,1μm,19.7s	LR	LR						
TIA	comp=Z,1μm,21.3s	LR	LR						
MLSJ	Meiulaboh	70.03	99	↑P	P	01 39 16.6	-1.1		
MLSJ	Meiulaboh	70.03	99	↓P	S	01 39 18.5	+1.1		
GULI	GuiLin	70.09	73	↑P	P	01 39 16.3	-1.6		
GULI				↓P	S	01 48 22.0	-6.6		
GULI	comp=Z,35nm,1.1s	LR	LR						
GULI	comp=Z,840nm,21.7s	LR	LR						
GULI	comp=Z,550nm,17.3s	LR	LR						
GULI	comp=Z,860nm,19.5s	LR	LR						
WHN	Wuhan	70.53	66	↑P	P	01 39 20.8	+0.3		
WHN				↓P	S	01 39 24.0	-0.8		
WHN				↓P	S	01 48 34.0	+0.4		
WHN	comp=Z,52nm,0.8s	LR	LR						
WHN	comp=Z,1μm,14.2s	LR	LR						
WHN	comp=Z,2μm,13.9s	LR	LR						
WHN	comp=Z,2μm,21.3s	LR	LR						
CNSH	ChangSha	70.63	69	↑P	P	01 39 21.3	+0.1		
CNSH				↓P	S	01 48 37.0	+2.2		
CNSH	comp=Z,27nm,1.0s	LR	LR						
CNSH	comp=Z,700nm,17.8s	LR	LR						
CNSH	comp=Z,510nm,18.6s	LR	LR						
CNSH	comp=Z,680nm,18.9s	LR	LR						
SNSI	Sinabang	71.05	101	↑P	P	01 39 24.1	+0.2		
SNSI	Aceh			↓P	S	01 39 26.0	+0.4		
UBPT	Khong Chiam	71.33	84	↑P	P	01 39 25.3	+0.1		
SNY	Shenyang	71.34	52	↑P	P	01 48 41.5	-1.1		
SNY	comp=Z,21nm,1.0s	pmax	pmax						
SNY	comp=Z,400nm,7.6s	pmax	pmax						
SNY	comp=Z,880nm,15.7s	LR	LR						
SNY	comp=Z,1μm,20.0s	LR	LR						
SNY	comp=Z,2μm,16.5s	LR	LR						
A36M	Sachs Harbour	71.50	351	↑P	P	01 39 25.9	+0.1		
CN2	Changchun	71.51	49	↑P	P	01 39 26.0	-0.3		
CN2				↓P	S	01 48 47.5	+2.9		
CN2	comp=Z,10.0nm,0.9s	pmax	pmax						
CN2	comp=Z,300nm,6.0s	pmax	pmax						
CN2	comp=Z,1μm,15.0s	LR	LR						
CN2	comp=Z,1μm,15.0s	LR	LR						
CN2	comp=Z,1μm,15.0s	LR	LR						
DL2	Dalian	71.54	55	↑P	P	01 39 33.5	+7.0		
DL2				↓P	S	01 48 58.0	-7.4		
DL2	comp=Z,96nm,1.7s	pmax	pmax						
DL2	comp=Z,470nm,6.8s	LR	LR						
DL2	comp=N,1μm,20.4s	LR	LR						
DL2	comp=E,2μm,18.8s	LR	LR						
KCSI	Kotacane	71.57	99	↑P	P	01 39 25.7	-1.4		
KCSI	Aceh			↓P	S	01 39 27.0	-0.3		
BNX	BinXian	71.69	47	↑P	P	01 48 37.0	-1.0		
BNX				↓P	S				
BNX	comp=Z,28nm,0.9s	pmax	pmax						
BNX	comp=Z,680nm,4.2s	LR	LR						
BNX	comp=Z,1μm,16.2s	LR	LR						
BNX	comp=Z,1μm,13.2s	LR	LR						
BNX	comp=Z,1μm,17.9s	LR	LR						
KLR	Kul'dur	72.30	42	↑P	P	02 15 09.1			
KLR				↓P	S	01 39 31.5	+0.6		
KLR	comp=Z,319nm,19.5s	pmax	pmax						
KLR	Kul'dur	72.30	42	↑P	P				
KLR				↓P	S				
KLR	comp=Z,8.0nm,1.3s	LR	LR						
RCBR	Riachuelo	72.40	249	↑P	P	02 12 43.5			
RCBR				↓P	S				
RCBR	Riachuelo	72.40	249	↑P	P				
RCBR				↓P	S				
BILL	Bilibino	72.51	15	↑P	P	01 39 31.4	-0.4		
BILL				↓P	S				
BILL	comp=Z,49nm,1.3s	pmax	pmax						
GSI	Gunungsitoli	72.71	101	↑P	P	01 39 35.5	+1.6		
GSI	Gunungsitoli	72.71	101	↓P	S	01 39 34.1	+0.2		
GSI	comp=Z,50nm,1.4s	pmax	pmax						
SEY	Seymchan	72.71	23	↑P	P	02 17 14.2			
SEY				↓P	S	01 39 31.8	-1.3		
SEY	comp=Z,1μm,18.7s	pmax	pmax						
SEY	Seymchan	72.71	23	↑P	P				
SEY				↓P	S				
SEY	comp=Z,42nm,1.3s	LR	LR						
KULM	Kulim	72.89	96	↑P	P	02 17 55.5			
KULM				↓P	S				

KULM	Kulim	72.89	96	↑P	P	01 39 35.3	+0.4		
KULM				↓P	S	01 39 34.7	-0.2		
KULM	comp=Z,903nm,comp=Z,72nm,1.0s								
QIZ	Qiongzhong	72.89	79	↑P	P	01 39 33.5	-1.4		
QIZ				↓P	S	01 49 00.5	-0.7		
QIZ				↓P	S	01 53 46.3	+5.0		
QIZ	comp=Z,77nm,1.8s	LR	LR						
QIZ	comp=Z,970nm,26.1s	LR	LR						
QIZ	comp=Z,670nm,30.2s	LR	LR						
QIZ	comp=Z,740nm,22.0s	LR	LR						
PSI	Prapat	72.92	99	↑P	P	01 39 35.6	+0.3		
PSI				↓P	S	01 39 35.3	0.0		
PSI	comp=Z,920nm,comp=Z,75nm,0.9s								
RPSI	Rantau Prapat	72.98	99	↑P	P	02 16 07.2			
RPSI				↓P	S				
RPSI	comp=Z,2μm,21.0s								
NJ2	Nanjing	73.09	63	↑P	P	01 39 36.0	+0.1		
NJ2				↓P	S	01 39 38.5	-1.7		
NJ2				↓P	S	01 39 48.0	-4.6		
NJ2	comp=Z,26nm,0.8s	pmax	pmax						
NJ2	comp=Z,590nm,4.8s	pmax	pmax						
NBPA	Parau RN	73.28	250	↑P	P	01 39 37.4	+0.2		
HRV	Adam Dzewonski	73.36	310	↑P	P	01 39 37.9	+0.6		
IPM	Ipon	73.66	96	↑P	P	02 18 19.0			
IPM	comp=Z,1μm,20.0s								
IPM	Ipon	73.66	96	↑P	P	01 39 39.2	-0.3		
IPM	Ipon	73.66	96	↓P	S	01 39 39.4	-0.1		
A21K	Barrow	73.78	2	↑P	P	01 39 39.3	+0.1		
A21K	comp=Z,753nm,comp=Z,28nm,0.9s								
C36M	Paulatuk	73.79	350	↑P	P	01 39 39.2	-0.1		
C36M	comp=Z,366,SNR=15								
C36M	Paulatuk	73.79	350	↑P	P	01 39 39.3	-0.1		
C36M	comp=Z,24,SNR=18								
GRNR	Gornyy	73.90	39	↑P	P	01 39 40.7	+0.3		
GRNR				↓P	S				
GRNR	comp=Z,30nm,1.0s	pmax	pmax						
GRNR	comp=Z,790nm,16.0s	MLR	MLR						
A22K	Sinclair Lake	74.13	1	↑P	P	01 39 40.7	-0.6		
A22K	comp=Z,358								
MA2	Magadan	74.52	26	↑P	P	02 17 06.8			
MA2	comp=Z,1μm,18.2s,comp=Z,30nm,0.9s								
MA2	Magadan	74.52	26	↑P	P	02 16 56.4			
MA2	comp=Z,19.0s								
MA2	Magadan	74.52	26	↑P	P	01 39 44.1	+0.3		
MA2	Magadan	74.52	26	↓P	S	01 39 44.5	+0.7		
MA2	comp=Z,56nm,1.3s	pmax	pmax						
MA2	Magadan	74.52	26	↑P	P	01 39 43.5	-0.3		
MA2	comp=Z,49nm,1.1s	pmax	pmax						
MNSI	Mandailing Nat	74.62	100	↑P	P	01 39 45.2	+0.1		
MNSI	comp=Z,33nm,0.9s								
B22K	Tshehpuk Lake	74.81	0	↑P	P	01 39 45.0	-0.3		
B22K	comp=Z,359								
C26K	Camden Bay	75.11	357	↑P	P	01 39 46.7	-0.3		
C26K	comp=Z,6.1								
USRK	Ussuriysk Ar	75.26	46	↑P	P	01 39 47.4	-1.0		
USRK	comp=Z,30nm,0.9s,comp=Z,290,slow=5.2,SNR=19								
C27K	Jago River	75.35	357	↑P	P	01 39 48.0	-0.4		
C27K	comp=Z,7.1								
D28M	Stokes Point	75.37	355	↑P	P	01 39 48.1	-0.4		
D28M	comp=Z,11								
C24K	Franklin Bluff	75.41	359	↑P	P	01 39 48.2	-0.5		
C24K	comp=Z,2.9								
D27M	Malcolm River	75.59	356	↑P	P	01 39 49.2	-0.7		
D27M	comp=Z,4.8								
D25K	Kavik River	75.75	358	↑P	P	01 39 50.7	-0.2		
D25K	comp=Z,4.								

30d 1h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Camacan, Donnelly Dome, Independent Ri, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Toad River Com, Suisita One, Knk, etc.

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Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Iturama, Sao Paulo, Pawnee Station, etc.

IDC 30 01:34:30.2-2.6, 35.22N-27.73E, h0km, mb3.7/2, s-mbtm3.6/3, ML2.4/1, Error ellipse: s-maj=70.8km s-min=31.6km az=142.0, Dodecane Islands

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Anoyia, Keskin Array B, etc.

HLW 30 01:46:21.9, 35°29N, 28°23E, h19km, 19km, M4.1, M4.2
IDC 30 01:46:21.2, 0.7, 35°20N, 27°00E, h0km, mb4, 1/19,
mbmp=12.0km, ML3.6/11, Error ellipse: s-maj=15.2km
s-min=1.0km az=177.0
MOS 30 01:46:21.1, 1.8, 35°00N, 28°16E, h10km, mb4.6/19, Error
ellipse: s-maj=6.5km s-min=3.5km az=89.6
ISK 30 01:46:22.5, 35°26N, 27°70E, h55km, 1km, ML3.9/19
NEIC 30 01:46:23.6, 2.0, 35°39N, 0.05, 27°83E, 0.06, h10km, 1km,
mb4, 3/27, Error ellipse: s-maj=9.8km s-min=7.6km
az=140.0
THE 30 01:46:28.7, 35°N, 8°28'E, h29km, 9km, M3.6/6,
ML3.6/6
NAO 30 01:46:52.2, 38°30N, 26°33E, h10km, MB4.0
ISC 30 01:46:22.4, 0.4, 35°15N, 0.03, 27°85E, 0.03, h10km, n235,
o198/235, mb4.3/39, 9C-6D, Dodecanese islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like KARP, ARG, ZKR, etc. with their respective coordinates and observation details.

Main table of astronomical observations. Columns include KEST, Station Name, Az, Phase ID, Time, Res. Lists various stations like KESra, OBKA, ARSA, etc. with their respective coordinates and observation details.

Continuation of astronomical observations table. Columns include Station Name, Az, Phase ID, Time, Res. Lists stations like ESDC, FINES, FINES, etc. with their respective coordinates and observation details.

30d 2h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HFS Hagforns, TORD Torodi Ar, KURBB Kurchatov Arra, MKAR Makanchi Array.

OSPL 30 02:22:34.9, 1.5, 19.17N:67.74W, h0km, 14km, ML2.7, Presumed earthquake
NEIC 30 02:22:34.7, 1.4, 19.15N:0.02:67.61W:0.04, h10km, 2km, ML3.0/35, MD3.4/9(RSPR), Error ellipse: s-maj=6.8km

SDD 30 02:22:39.0, 1.2, 18.84N:67.73W, h0km, 999km, MD3.5, ML2.5, MW2.8, Presumed earthquake
RSPR 30 02:22:40.5, 18.99N:67.80W, h31km, 23km, MD3.4/9
ISC 30 02:22:35.8, 1.4, 19.10N:0.06:67.66W:0.03, h14km, 4km, n41, c081/67, 13C-6D, Mona Passage

Main table for 30d 2h section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists numerous stations including Isia Desecheo, Aguadilla, Puerto Rico Se, Las Mesas, Higuayo Centro, Cabo Rojo, Esperanza - Ma, Maguayes Islan, Guaynabo City, Guanica, Bosqu, Cerrillos, Obispo Ponce, Experimental S, Loma Pena Alta, Hatoma Mayor del, Guaynabo City, San Juan, Patillas Dam, Col San Antoni, Col San Antoni.

IDC 30 02:23:59.0, 1.8, 35.15N:27.78E, h0km, mb3.2/2, mbtmp3.1/4, ML2.9/2, MS3.5/1, Error ellipse: s-maj=46.7km
s-min=27.6km az=165.0
ISK 30 02:24:03.3, 36.02N:26.90E, h5km, ML2.5/9
THE 30 02:24:05.7, 35.1N:7.28E, h7km, 9km, ML2.6/7, MLh2.6/7
ISC 30 02:24:06.1, 7.3539N:0.08:27.62E:0.06, h9km, 11km, n23, c189/26, Dodecanese Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KARP Karpathos, ARG Arkhangelos, ARG Mula-Datsha, ARG YAZI.

2020 JAN

Table with columns: ZKR Zakros, TURN Turunc, NPS Neapolis, DALY Dalyan (Mula), YER Yerkesik, YER Yerkesik, MSLB Milas, CAMEL Camel-Denizli, ANOYIA Anoyia, ANOYIA Anoyia, VAMOS Vamos, IMI lera Moni Meta, BRTR Keskin Array B, MOUNT MERON Ar, KISLOVODSK Arr, ESDC Escondido Array, TORD Torodi Ar, BEA Beja.

IDC 30 02:26:39.5, 1.0, 35.17N:27.89E, h0km, mb3.8/8, mbtmp3.7/12, ML3.4/4, Error ellipse: s-maj=23.3km
s-min=16.7km az=166.0
ISK 30 02:26:41.9, 35.14N:27.91E, h14km, ML3.3/18
AFAD 30 02:26:42.2, 35.21N:27.96E, h25km, 3km, ML3.0
THE 30 02:26:46.3, 35.1N:8.28E, h12km, 16km, ML2.8/6
ATH 30 02:26:47.5, 35.65N:27.53E, h9km, 4km, ML2.8/4, Manual Solution by E.Daskalaki First location: 2020/01/30 02:28:26, This location: 2020/01/30 08:18:26 ML

Amplitudes are expressed in micrometers. All distances are expressed in degrees Latitude uncertainty: 6 km; Longitude uncertainty: 7 km
ISC 30 02:26:41.0, 1.3, 35.16N:0.04:27.89E:0.03, h9km, 9km, n71, c177/97, mb3.7/7, Dodecanese Islands

Main table for 2020 JAN section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists numerous stations including KARP Karpathos, ARG Arkhangelos, ARG Mula-Datsha, ARG YAZI, DAT Data, TURN Turunc, TURN Turunc, TURN Turunc, TURN Turunc, MULA-Mula-Seydike, AKAS Kas, AKAS Kas, AKAS Kas, DALY Dalyan (Mula), NPS Neapolis, NPS Neapolis, SABU Mula-Dalaman, SABU Mula-Dalaman, BOBT Bodrum, BOBT Bodrum, YER Yerkesik, YER Yerkesik, MULA Mugla, Merkez, MULA Mugla, MULA Mugla, KNIK Mula-Seydike, CAEL CAEL, ELL Elmalı, LER Ancient Thera, DNZT Denizli-Tavas, DNZT Denizli-Tavas, THR6 Thira Island, TAVA DENIZLI-TAVAS, TAVA TAVA, IDI Anoyia, IDI Anoyia, GOLH Golhisar, GOLH Golhisar, APMY Acipayam-Deniz, GCAM G?zelcami?, GCAM G?zelcami?, GCAM G?zelcami?, DNIZ Denizli-Tavas, DNIZ Denizli-Tavas, ESEN ESEN, SMG Samos, SMG Samos, KORT Korkueli, AYBD Zeytinokoy-Aydi, NAZL Nazilli-Aydi, ANTB Antalya, IZMR Izmir, IZMR Izmir, SULTU Buldan, SULTU Buldan, SULTU Buldan, VAM Vamos, VAM Vamos, KIRA zmir-Kiraz.

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Table with columns: KIRA KIRA, KIRA KIRA, KIRA KIRA, DUVT Torbali, IMMV lera Moni Meta, IMMV lera Moni Meta, BASM Basamakı-Afyon, BLBC Balçova, BLBC Balçova, URLA Izmir, KULA Kula-Manisa, BRTR Keskin Array B, BRTR Keskin Array B, MMAL Mount Meron Ar, MMAL Mount Meron Ar, ASF Jabal al Asfar, EIL Elat, EIL Elat, BELG Belogoroye, ESDC Soneca Array, FINES FINES Array B, TORD Torodi Ar, KURBB Kurchatov Arra, MKAR Makanchi Array, SONM Songoing Array, SCHO Scheferville.

GII 30 02:40:31.0, 3.0, 35.31N:0.002:27.854E:0.001, h0km, Mw3.3, confirmed
AFAD 30 02:40:33.9, 35.02N:27.80E, h27km, 4km, ML3.0
IDC 30 02:40:34.4, 1.1, 35.30N:27.98E, h0km, mb3.6/7, mbtmp3.5/11, ML3.3/4, Error ellipse: s-maj=24.1km
s-min=18.7km az=172.0
ISK 30 02:40:37.7, 35.31N:27.86E, h9km, ML3.2/12
ISC 30 02:40:36.9, 1.3, 34.96N:0.05:27.72E:0.05, h31km, 11km, n50, c185/72, mb3.5/6, Eastern Mediterranean Sea

Main table for 2196 section with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists numerous stations including KARP Karpathos, ZKR Zakros, ARG Arkhangelos, YAZI Mula-Datsha, YAZI Mula-Datsha, YAZI Mula-Datsha, DAT Data, DAT Data, TURN Turunc, TURN Turunc, TURN Turunc, AKAS Kas, DALY Dalyan (Mula), BDRM Kayabasi, SABU Mula-Dalaman, SABU Mula-Dalaman, SABU Mula-Dalaman, BOBT Bodrum, YER Yerkesik, MSLB Milas, MULA Mugla, Merkez, MULA Mugla, IDI Anoyia, CAMEL Camel-Denizli, MOUNT MERON Ar, BRTR Keskin Array B, NATI Neve Ativ, NATI Neve Ativ, MMLI Mount Malkishu, KZIT Kzivit, KSHT Keshet, HMDT Nahal Hemdat, YTR Yattir, DSI Dead Sea, DSI Dead Sea, MSBI Mazada, MSBI Mazada, KRMI Paran Flat, ZFRI Zfiri, PRNI Paran, PRNI Paran, HRFI Mount Harif, HRFI Mount Harif, MBRI Mt Berech, EIL Elat, EIL Elat, KBZ Khabaz, ABTA Abfaltersbach, ABTA Abfaltersbach, LESA Schwartzbach, WATA Walderalm, SOTA Sankt Quirin, FETA Feichten.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ESDC Sonseca Array, FINES FINESS Array B, HFS Hagfors, NOA NORSTAR Array B, TORD Torodi Ar. Bea, MKAR Makanchi Array, SONMI Songo Array.

AFAD 30 02:43:11.9, 34:94N:27:25E, h14km, 2km, ML3.0
IDC 30 02:43:14.7, 1.0, 35:17N:27:76E, h0km, mb3.8/10,
mbmp3.8/14, ML3.5/4, MS3.2/3, Error ellipse:
s-maj=22.5km s-min=15.7km az=165.0,
Gll 30 02:43:14.5, 0.0, 34:951N:0:002:27:815E:0:001, h0km,
Mws3.5, confirmed
ISK 30 02:43:15.6, 35:09N:27:87E, h9km, ML3.4/13
ATH 30 02:43:19.4, 35:35N:27:73E, h5km, 2km, ML3.2/6, Manual
Solution by M. Charalampakis First location: 2020/01/30
02:45:03. This location: 2020/11/17 07:46:09 ML
Amplitudes are expressed in micrometers, All distances
are expressed in degrees Latitude uncertainty: 2 km;
Longitude uncertainty: 2 km
THE 30 02:43:20.7, 35:14N:2:8E, h3km, 6km, M3.1/8, MLh3.1/8
ISC 30 02:43:14.4, 1.3, 35.04N:0:03:27.81E:0:03, h8km, 9km,
n73, r1940/104, mb3.6/9, Dodecanese Islands

Main table listing stations and their coordinates. Includes stations like KARP Karpathos, ARG Arkhangelos, ZKR Zakros, MULA Mula-Datsha, DAT Datca, TURN Turunc, NPS Neapolis, BDRM Kayabasi, MMAL Mount Meron ar, BOBT Bodrum, YER Yerkesik, MUGLA Mugla, MERKEZ Merkez, DENIZL Denizli, TAVAS Tavas, KASSOS Kassos Island, ARK Arkhangelos, ZAKROS Zakros, SITESI Siteia, YAZI Mula-Datsha, DAT Datca, TURN Turunc, IZZE Mula-Seydike, DALY Dalyan (Mula), SABU Mula-Dalaman, SABU Mula-Dalaman, BDRM Kayabasi, NPS Neapolis, NPS Neapolis, IMMV Iera Moni Meta, BRTR Keskin Array B, MMA0B Mount Meron ar, MMA0B Mount Meron Ar, MMA1 Mount Meron Ar, MMA1 Mount Meron Ar, NATI Neve Ativ, MMLI Mount Malkishu, MMLI Mount Malkishu, KZIT Kziot, AMAZ Amatzia, KSHT Keshet, KSHT Keshet, HMDT Nahal Hemdat, YTIY Yatiy, DSI Dead Sea, MSBI Mazada, KRMI Parat Flat, ZFRI Zfri, PRNI Paran, HRFI Mount Harif, MBRI Mt Berech, EIL Elat, EIL Elat, KBZ Khabaz.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ESDC Sonseca Array, FINES FINESS Array B, HFS Hagfors, NOA NORSTAR Array B, TORD Torodi Ar. Bea, MKAR Makanchi Array, KURBB Kurchatov Arra, MKAR Makanchi Array, ZALV Zalesovo Beam, SONMI Songo Array, SCHO Schefferville, DAV Davao City (W), YBH Yreka Blue Hor, IDC 30 02:52:57.7, 1.1, 35:13N:27:90E, h0km, mb3.7/7, mbmp3.5/12, ML2.9/5, Error ellipse: s-maj=22.7km s-min=17.5km az=175.0, ISK 30 02:52:58.9, 35:34N:27:98E, h15km, ML3.0/10, AFAD 30 02:53:02.2, 35:18N:27:97E, h7km, 4km, MW4.0, THE 30 02:53:01.9, 35:15N:2:8E, h0km, 8km, M2.9/8, MLh2.9/8, ATH 30 02:53:02.3, 1.2, 35:31N:27:84E, h12km, 4km, ML3.2/9, Manual Solution by N. Liadopoulos First location: 2020/01/30 09:59:43 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 6 km; Longitude uncertainty: 5 km, ISC 30 02:52:58.8, 1.4, 35:18N:0:04:27.99E:0:03, h8km, 9km, n65, r1943/86, mb3.6/6, Dodecanese Islands

Main table listing stations and their coordinates. Includes stations like KARP Karpathos, ARG Arkhangelos, ZKR Zakros, MULA Mula-Datsha, DAT Datca, TURN Turunc, NPS Neapolis, BDRM Kayabasi, MMAL Mount Meron Ar, BOBT Bodrum, YER Yerkesik, MUGLA Mugla, MERKEZ Merkez, DENIZL Denizli, TAVAS Tavas, KASSOS Kassos Island, ARK Arkhangelos, ZAKROS Zakros, SITESI Siteia, YAZI Mula-Datsha, DAT Datca, TURN Turunc, IZZE Mula-Seydike, DALY Dalyan (Mula), SABU Mula-Dalaman, SABU Mula-Dalaman, BDRM Kayabasi, NPS Neapolis, NPS Neapolis, IMMV Iera Moni Meta, BRTR Keskin Array B, MMA0B Mount Meron ar, MMA0B Mount Meron Ar, MMA1 Mount Meron Ar, MMA1 Mount Meron Ar, NATI Neve Ativ, MMLI Mount Malkishu, MMLI Mount Malkishu, KZIT Kziot, AMAZ Amatzia, KSHT Keshet, KSHT Keshet, HMDT Nahal Hemdat, YTIY Yatiy, DSI Dead Sea, MSBI Mazada, KRMI Parat Flat, ZFRI Zfri, PRNI Paran, HRFI Mount Harif, MBRI Mt Berech, EIL Elat, EIL Elat, KBZ Khabaz.

Main table listing stations and their coordinates. Includes stations like KARP Karpathos, ARG Arkhangelos, ZKR Zakros, MULA Mula-Datsha, DAT Datca, TURN Turunc, NPS Neapolis, BDRM Kayabasi, MMAL Mount Meron Ar, BOBT Bodrum, YER Yerkesik, MUGLA Mugla, MERKEZ Merkez, DENIZL Denizli, TAVAS Tavas, KASSOS Kassos Island, ARK Arkhangelos, ZAKROS Zakros, SITESI Siteia, YAZI Mula-Datsha, DAT Datca, TURN Turunc, IZZE Mula-Seydike, DALY Dalyan (Mula), SABU Mula-Dalaman, SABU Mula-Dalaman, BDRM Kayabasi, NPS Neapolis, NPS Neapolis, IMMV Iera Moni Meta, BRTR Keskin Array B, MMA0B Mount Meron ar, MMA0B Mount Meron Ar, MMA1 Mount Meron Ar, MMA1 Mount Meron Ar, NATI Neve Ativ, MMLI Mount Malkishu, MMLI Mount Malkishu, KZIT Kziot, AMAZ Amatzia, KSHT Keshet, KSHT Keshet, HMDT Nahal Hemdat, YTIY Yatiy, DSI Dead Sea, MSBI Mazada, KRMI Parat Flat, ZFRI Zfri, PRNI Paran, HRFI Mount Harif, MBRI Mt Berech, EIL Elat, EIL Elat, KBZ Khabaz.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SONMI Songo Array, IDC 30 02:57:29.6, 1.5, 35:26N:27:83E, h0km, mb3.8/5, mbmp3.6/7, ML3.0/2, Error ellipse: s-maj=32.9km s-min=25.0km az=148.0, AFAD 30 02:57:31.0, 35:18N:27:88E, h6km, 2km, ML3.0, THE 30 02:57:35.4, 35:13N:2:8E, h0km, 3km, M2.8/5, MLh2.8/5, ISC 30 02:57:32.4, 1.6, 35:14N:0:06:27.81E:0:05, h14km, 9km, n28, r1966/37, mb3.9/4, Dodecanese Islands

Main table listing stations and their coordinates. Includes stations like KARP Karpathos, ARG Arkhangelos, ZKR Zakros, MULA Mula-Datsha, DAT Datca, TURN Turunc, IZZE Mula-Seydike, NPS Neapolis, SABU Mula-Dalaman, SABU Mula-Dalaman, BDRM Kayabasi, BOBT Bodrum, YER Yerkesik, MUGLA Mugla, MERKEZ Merkez, DENIZL Denizli, TAVAS Tavas, KASSOS Kassos Island, ARK Arkhangelos, ZAKROS Zakros, SITESI Siteia, YAZI Mula-Datsha, DAT Datca, TURN Turunc, NPS Neapolis, BDRM Kayabasi, MMAL Mount Meron Ar, BOBT Bodrum, YER Yerkesik, MUGLA Mugla, MERKEZ Merkez, DENIZL Denizli, TAVAS Tavas, KASSOS Kassos Island, ARK Arkhangelos, ZAKROS Zakros, SITESI Siteia, YAZI Mula-Datsha, DAT Datca, TURN Turunc, IZZE Mula-Seydike, DALY Dalyan (Mula), SABU Mula-Dalaman, SABU Mula-Dalaman, BDRM Kayabasi, NPS Neapolis, NPS Neapolis, IMMV Iera Moni Meta, BRTR Keskin Array B, MMA0B Mount Meron ar, MMA0B Mount Meron Ar, MMA1 Mount Meron Ar, MMA1 Mount Meron Ar, NATI Neve Ativ, MMLI Mount Malkishu, MMLI Mount Malkishu, KZIT Kziot, AMAZ Amatzia, KSHT Keshet, KSHT Keshet, HMDT Nahal Hemdat, YTIY Yatiy, DSI Dead Sea, MSBI Mazada, KRMI Parat Flat, ZFRI Zfri, PRNI Paran, HRFI Mount Harif, MBRI Mt Berech, EIL Elat, EIL Elat, KBZ Khabaz.

Main table listing stations and their coordinates. Includes stations like KARP Karpathos, ARG Arkhangelos, ZKR Zakros, MULA Mula-Datsha, DAT Datca, TURN Turunc, NPS Neapolis, BDRM Kayabasi, MMAL Mount Meron Ar, BOBT Bodrum, YER Yerkesik, MUGLA Mugla, MERKEZ Merkez, DENIZL Denizli, TAVAS Tavas, KASSOS Kassos Island, ARK Arkhangelos, ZAKROS Zakros, SITESI Siteia, YAZI Mula-Datsha, DAT Datca, TURN Turunc, IZZE Mula-Seydike, DALY Dalyan (Mula), SABU Mula-Dalaman, SABU Mula-Dalaman, BDRM Kayabasi, NPS Neapolis, NPS Neapolis, IMMV Iera Moni Meta, BRTR Keskin Array B, MMA0B Mount Meron ar, MMA0B Mount Meron Ar, MMA1 Mount Meron Ar, MMA1 Mount Meron Ar, NATI Neve Ativ, MMLI Mount Malkishu, MMLI Mount Malkishu, KZIT Kziot, AMAZ Amatzia, KSHT Keshet, KSHT Keshet, HMDT Nahal Hemdat, YTIY Yatiy, DSI Dead Sea, MSBI Mazada, KRMI Parat Flat, ZFRI Zfri, PRNI Paran, HRFI Mount Harif, MBRI Mt Berech, EIL Elat, EIL Elat, KBZ Khabaz.

MCSM 30 02:59:07.3, 1.3, 35:11N:1:2:8E, h10km, mb4.2, MLV4.2
Gll 30 02:59:08.6, 0.0, 34:926N:0:001:27:840E:0:001, h0km,
Mws3.8, confirmed
NAO 30 02:59:08.2, 35:28N:27:87E, h10km, MB3.8
IDC 30 02:59:08.7, 0.6, 35:26N:27:82E, h0km, mb4.1/22,
mbmp4.0/32, ML3.7/10, MS3.6/9, Error ellipse:
s-maj=14.3km s-min=11.9km az=166.0,
MOS 30 02:59:09.4, 2.0, 35:11N:2:8E, h12km, mb4.3/10, Error
ellipse: s-maj=6.8km s-min=3.7km az=88.4,
HLW 30 02:59:10.2, 35:18N:27:92E, h1km, 2km, M4.3/10, Error
ellipse: s-maj=14.7km s-min=10.2km az=88.4,
NEIC 30 02:59:10.1, 2.0, 35:15N:0:04:27.89E:0:05, h10km, 1km,
mb4.1/20, Error ellipse: s-maj=7.4km s-min=6.0km
az=231.0,
NIC 30 02:59:10.3, 35:27N:27:96E, h8km, 1km, M3.6/14
AFAD 30 02:59:10.5, 35:18N:27:82E, h28km, 3km, MW4.3
ATH 30 02:59:11.9, 35:20N:28:01E, h10km, 3km, ML3.8/25,
Manual Solution by N. Liadopoulos First location: 2020/01/30 10:23:38
ML Amplitudes are expressed in micrometers, All
distances are expressed in degrees Latitude uncertainty: 1
km; Longitude uncertainty: 1 km
ISK 30 02:59:13.6, 35:40N:27:89E, h6km, ML3.7/39
THE 30 02:59:14.7, 35:16N:2:8E, h0km, 13km, M3.5/13,
MLh3.5/13
ISC 30 02:59:09.7, 1.1, 35:14N:0:02:27.93E:0:02, h8km, 7km,
n372, r1961/430, mb4.1/25, MS3.7/6, 14C-5D, Dodecanese
Islands

Main table listing stations and their coordinates. Includes stations like KARP Karpathos, ARG Arkhangelos, ZKR Zakros, MULA Mula-Datsha, DAT Datca, TURN Turunc, NPS Neapolis, BDRM Kayabasi, MMAL Mount Meron Ar, BOBT Bodrum, YER Yerkesik, MUGLA Mugla, MERKEZ Merkez, DENIZL Denizli, TAVAS Tavas, KASSOS Kassos Island, ARK Arkhangelos, ZAKROS Zakros, SITESI Siteia, YAZI Mula-Datsha, DAT Datca, TURN Turunc, IZZE Mula-Seydike, DALY Dalyan (Mula), SABU Mula-Dalaman, SABU Mula-Dalaman, BDRM Kayabasi, NPS Neapolis, NPS Neapolis, IMMV Iera Moni Meta, BRTR Keskin Array B, MMA0B Mount Meron ar, MMA0B Mount Meron Ar, MMA1 Mount Meron Ar, MMA1 Mount Meron Ar, NATI Neve Ativ, MMLI Mount Malkishu, MMLI Mount Malkishu, KZIT Kziot, AMAZ Amatzia, KSHT Keshet, KSHT Keshet, HMDT Nahal Hemdat, YTIY Yatiy, DSI Dead Sea, MSBI Mazada, KRMI Parat Flat, ZFRI Zfri, PRNI Paran, HRFI Mount Harif, MBRI Mt Berech, EIL Elat, EIL Elat, KBZ Khabaz.

30d 2h

2020 JAN

2198

Table with columns for station call letters, frequency, power, and various technical parameters. The table is organized into multiple columns, with station names and frequencies on the left, and technical details and additional call letters on the right. It includes a wide variety of stations and their associated data points.

Table of astronomical observations for 2020 JAN, including stations like MNK, MNR, MNR, etc., with columns for station name, coordinates, and observation details.

Main table of astronomical observations for 2020 JAN, including stations like ILAR, ELIELSON, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 30d 3h, including stations like ZKTA, ZKTA, TLTR, etc., with columns for station name, coordinates, and observation details.

30d 4h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SHANNON STATION, PARITU ROAD, TOLLEY ROAD, KOKUHO, etc.

IDC 30 04:14:52.3.3.3.36:50N:69.66E, h272km, 31km, mb3.2/12, mbtmp4.0/17, Error ellipse: s-maj=22.6km s-min=15.4km az=16.0

NEIC 30 04:14:53.51.4.36:64N:0.04:69.6E:0.1, h276km, 8km, mb4.2/6, Error ellipse: s-maj=15.4km s-min=6.5km az=91.0

ISC 30 04:14:52.0.6.36:52N:0.08:69.80E:0.07, h276km, n55, c1928/53, mb3.6/10, Hindu Kush region

Main table of seismic events with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations and event details.

2020 JAN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TORDI AR. BEA, EIELSON ARRAY, etc.

NEIC 30 04:25:18.7.1.9.11:35S:0.08:118.58E:0.08, h10km, 1km, mb4.2/10, Error ellipse: s-maj=16.7km s-min=10.4km az=43.0

IDC 30 04:25:18.6.2.6.11:105S:118.70E, h0km, mb3.8/3, mbtmp3.7/6, ML3.4/3, MS2.7/1, Error ellipse: s-maj=163.9km s-min=21.9km az=51.0

ISC 30 04:25:20.6.0.6.11:38S:0.08:118.59E:0.10, h26km, n28, c1937/28, mb4.0/6, South of Sumbawa

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

MEX 30 04:26:47.4.0.8.15:07N:93.02W, h82km, 13km, MD3.8 GCG 30 04:26:47.5.0.7.15:06N:92.98W, h61km, 39km, MD3.9

Presumed earthquake ISC 30 04:29:02.1.7.143N:01.92:99W:0.09, h108km, 14km, n15, c2810/27, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like THIG, PATR, EL NARANJO, etc.

CATAC 30 04:31:49.7.0.5.13°N:3°9'1"W, h12km, M3.9/18, MLV3.9/18, Error ellipse: s-maj=7.2km s-min=3.4km az=30.6, confirmed

GCG 30 04:31:50.8.2.5.13:35N:90:95W, h43km, 76km, MD4.6, ML4.0, Presumed earthquake

ISC 30 04:31:50.3.2.0.1340N:0.09:90:86W:0.05, h16km, 11km, n39, c1933/53, Near coast of Guatemala

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

2202

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like QUEO Labor Ovalle, UEES Universidad Ev, etc.

SSNC 30 04:34:31.5.0.6.19:21N:80:80W, h22km, 5km, MD3.5, ML2.6, 1D, Presumed earthquake, Cuba region

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

IDC 30 04:35:08.7.1.5.38:94N:27:85E, h0km, mb3.6/3, mbtmp3.6/6, ML3.5/3, MS3.2/2, Error ellipse: s-maj=23.4km s-min=18.0km az=8.0

ISK 30 04:35:09.2.39:03N:27:82E, h6km, ML4.0/26 AFAD 30 04:35:09.2.39:02N:27:83E, h1km, 1km, MW3.8

THE 30 04:35:11.2.39°N:27°82'E, h8km, 9km, ML3.6/13, MS4.3/25

CFUSG 30 04:35:17.1.39:73N:27:72E, h1km, Mb2.6/1, MD3.5/2, MS4.3/25

ISC 30 04:35:09.6.0.8.39:04N:01:27:85E:0.02, h12km, 5km, n112, c1908/148, 19C-7D, Turkey

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like VENI Venice-Canacka, GONE Gonen-Balikesi, ATIT Gnen, SHAP Saphane-Kutahy, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ARG Arkhangelos, ARG Arkhangelos, ARG Arkhangelos, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MAS3 04:46:03.0, MAS3 04:46:03.0, MAS3 04:46:03.0, etc.

ISC 30 04:40:45.2, 1.0, 35.19N, 27.83E, h0km, mb3.8/10, mbtmp3.715, ML3.2, MS3.4, Error ellipse: s-maj=23.3km s-min=14.7km az=159.0

SSNC 30 04:41:08.9, 0.6, 19.06N, 80.11W, h22km, 6km, MD3.9, ML2.2, AD, Presumed earthquake, Cuba region

ISC 30 04:52:33.1, 1.1, 10.11S, 161.02E, h0km, mb3.8/8, mbtmp3.8/8, MS3.4, Error ellipse: s-maj=25.5km s-min=21.9km az=162.0

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes entries for ISK 30 04:53:20.7, 35.12N-27.86E, h11km, ML2.3/0, and various station codes like KARP, ARG, DAT, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes entries for HUMP Col San Antoni, MIDR Miches, DR12 Loma de la Alta, and various station codes like MIDR, HATOM, SDD, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes entries for TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, ILAR Elsiel Array, and various station codes like TORO, ILAR, ILAR, etc.

ISC 30 04:53:24.4, 1.35, 22N, 0.1, 27.75E, 0.06, h23km, n16, +s109/18, mb3.0/3, Dodecanese Islands

ISC 30 04:59:46.1, 0.6, 17.86N, 66.92W, h0km, mb3.8/13, mbtmp3.9/15, ML3.4/2, MS3.4/3, Error ellipse: s-maj=16.5km s-min=8.5km az=168.0

JSN 30 05:03:05.0, 1.0, 19.51N, 79.96W, h0km, 86km, MD4.0, Presumed earthquake

SSNC 30 05:03:07.1, 0.5, 19.08N, 80.26W, h25km, 4km, MD3.2, ML2.9, Presumed earthquake

PTWC 30 04:59:47.17, 90N, 66.80W, M4.4/9, PUERTO RICO REGION

SDD 30 04:59:47.2, 2.1, 17.83N, 66.91W, h15km, 16km, MD3.8, ML4.0, MW4.2, Presumed earthquake

ISC 30 05:03:06.5, 2.0, 19.13N, 0.08, 80.20W, 0.10, h35km, n11, +s072/16, 4.0, Cuba region

NEIC 30 04:59:47.8, 1.2, 17.84N, 0.03, 66.85W, 0.009, h10km, 1km, mb4.1/16, ML4.4/5, MD4.0/7(RSPR), Error ellipse: s-maj=5.7km s-min=2.7km az=10.0

OSPL 30 04:59:48.8, 0.5, 17.91N, 66.88W, h15km, 5km, ML3.9, Presumed earthquake

RSPR 30 04:59:48.7, 17.92N, 66.88W, h10km, MD4.0/7, ISC 30 04:59:47.5, 0.8, 17.84N, 0.04, 66.85W, 0.02, h14km, 5km, n146, +s143/163, mb3.9/15, 24C-9D, Puerto Rico region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for GBPR Guanica, Bosqu, GBPR Guanica, Bosqu, MLPR Maguayes Isian, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for ABD La Joyeuse, An, ABD La Joyeuse, An, CBE Ff, Capester, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for LCCY Blossom Villag, LCCY Blossom Villag, LCCY Blossom Villag, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBE Ff, Capester, CBE Ff, Capester, CBE Ff, Capester, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBBY The Bluff, Cay, CBBY The Bluff, Cay, CBBY The Bluff, Cay, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBE Ff, Capester, CBE Ff, Capester, CBE Ff, Capester, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBBY The Bluff, Cay, CBBY The Bluff, Cay, CBBY The Bluff, Cay, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBE Ff, Capester, CBE Ff, Capester, CBE Ff, Capester, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBBY The Bluff, Cay, CBBY The Bluff, Cay, CBBY The Bluff, Cay, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBE Ff, Capester, CBE Ff, Capester, CBE Ff, Capester, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBBY The Bluff, Cay, CBBY The Bluff, Cay, CBBY The Bluff, Cay, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBE Ff, Capester, CBE Ff, Capester, CBE Ff, Capester, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBBY The Bluff, Cay, CBBY The Bluff, Cay, CBBY The Bluff, Cay, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBE Ff, Capester, CBE Ff, Capester, CBE Ff, Capester, etc.

IPEC 30 05:04:53.4, 0.2, 51.60N, 16.16E, h1km, ML2.4/6, Error ellipse: s-maj=2.9km s-min=1.4km az=73.0

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBE Ff, Capester, CBE Ff, Capester, CBE Ff, Capester, etc.

VIE 30 05:04:54.0, 1.4, 51.52N, 16.02E, h0km, mb2.5/5, ml2.7/5, Error ellipse: s-maj=10.1km s-min=7.7km az=31.0 84 km NW of Wroclaw Suspected Mining induced.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBE Ff, Capester, CBE Ff, Capester, CBE Ff, Capester, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBE Ff, Capester, CBE Ff, Capester, CBE Ff, Capester, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBE Ff, Capester, CBE Ff, Capester, CBE Ff, Capester, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBE Ff, Capester, CBE Ff, Capester, CBE Ff, Capester, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBE Ff, Capester, CBE Ff, Capester, CBE Ff, Capester, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBE Ff, Capester, CBE Ff, Capester, CBE Ff, Capester, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBE Ff, Capester, CBE Ff, Capester, CBE Ff, Capester, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBE Ff, Capester, CBE Ff, Capester, CBE Ff, Capester, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBE Ff, Capester, CBE Ff, Capester, CBE Ff, Capester, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBE Ff, Capester, CBE Ff, Capester, CBE Ff, Capester, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBE Ff, Capester, CBE Ff, Capester, CBE Ff, Capester, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, CRPR Cabo Rojo, PR, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for CBE Ff, Capester, CBE Ff, Capester, CBE Ff, Capester, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes entries for KSP Ksiaz, KSP Ksiaz, KSP Ksiaz, etc.

2205

Table with columns: Station Name, Code, Time, Res, ISC, Azimuth, Phase ID, etc. Includes stations like ARSA, BJUU, LESA, DEL, etc.

JMA 30 05:06:38.8±0.2, 35°7N, 0°5'139.7E±0.7, h85km, 1km, MV3.1/35, TOKYO PREF, IDC 30 05:06:39.4±1.5, 35°59N, 139°62E, h98km±12km, mb3.3/4, mbtmp3.7/5, Error ellipse: s-maj=34.3km s-min=7.5km az=68.0

ISC 30 05:06:38.5±0.9, 35°64N, 0°05'139.67E±0.08, h87km±8km, n14, c0577/22, mb3.7/4, 8D, Near south coast of eastern Honshu

Main station list for 2205 with columns: Code, Station Name, Az, AzP, Phase ID, Time, Res, ISC. Includes stations like JSGW, JOD2, JRY, JAG, etc.

SSNC 30 05:08:28.1±0.7, 19°37N, 78°76W, h20km±5km, MD3.2, ML2.8, Presumed earthquake, JSN 30 05:08:30.8±1.3, 19°33N, 78°31W, h0km±31km, MD3.9, Presumed earthquake

ISC 30 05:08:22.8±1.3, 19°37N, 0°04:78.75W±0.04, h6km±12km, n16, c1547/29, 3D, Cuba region

Main station list for 2205 (continued) with columns: Code, Station Name, Az, AzP, Phase ID, Time, Res, ISC. Includes stations like CBCY, LCCY, MTDJ, etc.

AFAD 30 05:11:51.7, 34°63N, 27°17E, h8km±12km, ML3.9, IDC 30 05:12:00.8±0.7, 35°19N, 27°74E, h0km, mb4, 0/17, mbtmp4, 0/28, ML3.7/11, MS3.5/24, Error ellipse: s-maj=15.2km s-min=12.4km az=180.0

ISC 30 05:12:00.9, 35°11N, 27°89E, h5km, ML4.1/16, NIC 30 05:12:02.2, 35°09N, 27°85E, h13km±2km, ML3.9/15, MOS 30 05:12:02.0±1.0, 35°16N, 27°87E, h14km, mb4, 4/14, Error ellipse: s-maj=7.2km s-min=4.4km az=79.8

HLW 30 05:12:03.4, 35°15N, 27°95E, h7km±4km, ML4.0, NEIC 30 05:12:03.2±2.2, 35°19N, 0°06:27.91E±0.06, h10km±1km, mb4, 0/24, Error ellipse: s-maj=10.8km s-min=8.4km az=191.5

2020 JAN

ATH 30 05:12:03.5, 35°20N, 27°99E, h11km±5km, ML3.8/6, Manual Solution by F.Xalaris First location: 2020/01/30 05:13:30, This location: 2020/11/07 10:35:58 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 2 km; Longitude uncertainty: 2 km

THE 30 05:12:07.6, 35°N, 4°2'8E±1, h3km±7km, M3.5/10, MLh3.5/10

GII 30 05:12:08.6±0.0, 34°892N, 0°003:28°303E, 0°001, h0km, Mw1.5, 3, confirmed

NAO 30 05:12:37.2, 39°57N, 29°00E, h10km, MB3.9, ISC 30 05:12:01.5±1.1, 35°08N, 0°03:27.88E±0.02, h2km±7km, n293, r150/352, mb4.1/32, MS3.5/18, 12C-4D, Dodocane Islands

Main station list for 2020 JAN with columns: Code, Station Name, Az, AzP, Phase ID, Time, Res, ISC. Includes stations like KARP, ARG, ZKR, RD11, etc.

30d 5h

Main station list for 30d 5h with columns: Station Name, Code, Time, Res, ISC, Azimuth, Phase ID, etc. Includes stations like AYDB, ANTB, NAZL, etc.

EIL 30 05:12:47.0±1.1, 35°15N, 27°95E, h7km±4km, ML4.0, NEIC 30 05:12:03.2±2.2, 35°19N, 0°06:27.91E±0.06, h10km±1km, mb4, 0/24, Error ellipse: s-maj=10.8km s-min=8.4km az=191.5

30d 5h

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ELI, ASAF, HBST, HKAT, GOVS, PDG, MLR, etc.

2020 JAN

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

2206

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TSUM, TLY, ZAK, ZAK, SONM, SONM, SONM, etc.

ISK 30 05:12:29.9, 39°02'N-27°84'E, h3km, ML2.6/5
AFAD 30 05:12:30.7, 38°59'N-27°85'E, h8km, 1km, ML2.6
THE 30 05:12:35.2, 39°N, 13°E, 2.2km, 3.5h1km, 21km, MLH2.7/2
ISC 30 05:12:31.0, 0.9, 38.99N, 0.02, 27.83E, 0.03, h13km, 6km,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like AKHS, AKHS, AKHS, AKS, AKS, AKS, etc.

NEIC 30 05:18:29.9, 1.1, 17.838N, 0.010, 67.04W, 0.01,
h10km, 1km, ML2.9/37, Md3.1/6(RSPR), Error ellipse:
s=Naj, 2.9km, s-min=2.0km, az=347.0
OSPL 30 05:18:30.6, 0.4, 17.85N, 67.06W, h11km, 2km, ML2.3,

Presumed earthquake
RSPR 30 05:18:31.1, 17.92N, 67.01W, h4km, MD3.1/6
SDD 30 05:18:32.2, 17.96N, 67.08W, h8km, 12km, MD3.3,
ML2.5, MW2.7, Presumed earthquake

ISC 30 05:18:29.7, 1.1, 17.86N, 0.06, 67.03W, 0.02, h12km, 5km,
n42, 0.616, 19C-3D, Mona Passage

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cabo Rojo, Guanica, Las Mesas, Puerto Rico Se, Obispo Ponce, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kayabasi, Bodrum, Yerkestik, Mugla, Milas, Denizli, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Arkhangelos, Rhodes, Zakros, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MBAR Mbarara, AAK Ala-Archa, KSH2 Kashi, KURBB Kurchatov Arr, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like WB2 Warramunga Arr, WRA Warramunga Arr, WRA Alice Springs, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KURBB Kurchatov Arr, DBIC Dimbokro, MKAR Makanchi Array, etc.

ISC 30 05:46:05.7, 2.8, 17:47S:178.89W, h542km, 30km, mb3.6/9, m1btp3.9/15, ML3.3/3, MS3.4/2, Error ellipse: s-maj=48.1km s-min=15.1km az=147.0

NEIC 30 05:46:07.4, 1.0, 17:48S:178.6W, 0.2, h572km, 12km, mb4.2/22, Error ellipse: s-maj=27.1km s-min=9.2km az=61.0

NOU 30 05:46:08.8, 18:28S:178.83W, h535km, mb4.5/12, Fiji Islands Region

ISC 30 05:46:07.8, 0.6, 17:8S:178.71W, 0.09, h579km, n51, 1940/52, mb4.2/20, Fiji Islands Region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LBKA Toubou, TAVE Taveuni, DGTI Dogotuki, etc.

ISC 30 05:46:30.4, 0.9, 35:18N:27.70E, h0km, mb3.9/11, m1btp3.9/15, ML3.3/3, MS3.4/2, Error ellipse: s-maj=21.1km s-min=16.0km az=152.0

ISC 30 05:46:32.1, 35:09N:27.75E, h0km, ML3.5/15, ATH 30 05:46:36.4, 35:24N:27.75E, h7km, 3km, ML3.5/9, Manual Solution by F.Xalaris First location: 2020/01/30 05:49:18, This location: 2020/10/27 17:59:14 ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 2 km; Longitude uncertainty: 2 km

THE 30 05:46:37.7, 35:14N:2.8E, h1km, 6km, M3.2/10, MLh3.2/10

ISC 30 05:46:32.4, 1.4, 35:15N:0.04, 27.72E, 0.03, h12km, gkm, n59, 1941/70, mb3.8/10, Dodecanese Islands

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

SSNC 30 05:59:04.8, 0.6, 19:06N:80.25W, h15km, 3km, MD3.6, ML3.4, Presumed earthquake

JSN 30 05:59:04.9, 1.0, 19:42N:79.84W, h0km, 78km, MD5.0, Presumed earthquake

ISC 30 05:59:03.5, 1.9, 19:06N:0.07, 80.24W, 0.06, h29km, 13km, n21, 1964/34, 2C-1D, Cuba region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like LCCY Blossom Villag, CBCY The Bluff, Cay, MTJD Mount Denham, etc.

30d 6h

Table with columns: CRPR, Cabo Rojo, PR, IAML, P, Pb, Sg, etc. Includes entries for Esperanza - Ma, Guanica, Bosqu, etc.

NEIC 30 06:10.17.7.1.5, 51.05N.0.07.179.84W.0.06, h22km, 5km, mb4-4/184, ML4.5/14, ML4.2(AEIC) Error ellipse: s-maj=10.2km s-min=8.4km az=187.0

Table with columns: Code, Station Name, Δ, A, Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes entries for Amchitka, Gareloi-Kavalg, etc.

2020 JAN

Main table with columns: M14K, Bethel, Pn, 06 13 34.1 +1.2, etc. Includes entries for Petropavlovsk, Kuchak River, etc.

2210

Table with columns: TYV, Tymovskoe, 23.47 28.4 eP, P, Pmax, etc. Includes entries for Arctic Village, Kavik River, etc.

2211

Table with columns: Station Name, Time, Res, ISC, H, M, S, ISC. Includes stations like BJI2, YMR, YNE, H17A, LKWKY, etc.

2020 JAN

Table with columns: Station Name, Time, Res, ISC, H, M, S, ISC. Includes stations like PZH, KIRV, LINDA, FINEA, etc.

30d 6h

Table with columns: Station Name, Time, Res, ISC, H, M, S, ISC. Includes stations like SUJI, SIJI, APSI, etc.

NOU 30 06:32:02.4, 10.82S; 163.04E, h329km, MLV4.6/6, Solomon Islands
IDC 30 06:32:33.5, 4.9, 10.36S; 161.30E, h98km, 33km, mb3.4/5, mbtmp3.8/6, Error ellipse: s-maj=50.6km s-min=24.3km az=115.0
ISC 30 06:32:32.7, 1.0, 10.42S; 0.09, 161.40E, 0.09, h100km, n18, -1803.17, mb3.5/5, Bougainville-Solomon Islands Region

OSPL 30 06:33:17.5, 1.1, 19.15N; 67.62W, h1km, 6km, ML3.1, Presumed earthquake
NEIC 30 06:33:17.5, 0.9, 19.06N; 0.03, 67.62W; 0.05, h10km, 1km, ML3.3/43, Md3.2/8(RSPR), Error ellipse: s-maj=8.9km s-min=3.1km az=239.0
RSPR 30 06:33:18.8, 19.00N; 67.85W, h12km, 30km, MD3.2/8, ISC 30 06:33:17.9, 1.6, 19.02N; 0.07, 67.65W; 0.04, h12km, 10km, n39, c=053/55, 12C, Manna Passage

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like AGPR Aguadilla, PR, PRSN Puerto Rico Se, LSP Las Mesas, CRPR Cabo Rojo, PR, etc.

IDC 06:33:43.0-0.7, 6.79N-72.91W, h156km, 6km, mb3.717, mbmp=2/20, Error ellipse: s-maj=13.1km s-min=10.7km az=104.0

CATAC 06:33:43.1-0.7, 7.12N-73.3W, h155km, 5km, M4.6/8, mb4.3/2, mb4.5/2, MLV4.7/8, Mw(mb)3.6/2, Error ellipse: s-maj=13.4km s-min=5.1km az=90.5, confirmed

NEIC 06:33:44.1-2.0, 6.78N-0.07W-73.00W-0.03, h163km, 8km, mb4.6/84, Error ellipse: s-maj=10.6km s-min=2.3km az=139.0

FUNV 06:33:44.0, 6.79N-73.15W, h155km, MW4.7, Presumed earthquake

ISC 06:33:43.0-0.5, 6.87N-73.04W-0.03, h153km, 4km, m204, r1868/242, mb4.5/56, 1D, Northern Colombia

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

Table with columns: S/JCC, Station Name, Az, El, Phase ID, Time, Res. Includes stations like San Jacinto, GARC Garzo, MAPV Macapo, etc.

Table with columns: Station Name, Az, El, Phase ID, Time, Res. Includes stations like PBMO Poplar Bluff, FCAR Ozark Folk Cen, S44A Carbondale, etc.

2215

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other details. Includes stations like BBB Bella Bella, FCC Fort Churchill, etc.

2020 JAN

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other details. Includes stations like KLU Klutina, GLI Glacier Island, etc.

30d 6h

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other details. Includes stations like G24K Hadweencic River, G24K Hadweencic River, etc.

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	MOY	comp	pmax	pmax	BJ12	comp	pmax	pmax
						h m s	ISC								
GOMU	GeErMu	2.78	177	Op	ISC			SHL	comp=Z,10.0nm,1.0s			BJ12	comp=Z,5.0nm,1.7s		
GOMU				Pn	Pn	07 38 58.8	+1.7	SHL	Shilong	13.57	191	Pn			
GOMU				Pg	Pb	07 39 02.5	+0.3	SHL	Shilong	13.57	191	Pn			
GOMU				Pg	Pb	07 39 35.0	-1.5	ARXS	Arhanly	13.61	298	eP			
GOMU				Sg	Sg	07 39 39.8	-1.8	EZH	PanZhiHua	13.80	152	P			
GOMU	comp=N,4μm,0.5s			smax	smax			PZH	comp=Z,10.0nm,0.9s			BJ12	comp=Z,200nm,12.3s		
GOMU	comp=E,9μm,0.8s			smax	smax			PZH	comp=Z,230nm,4.7s			BJ12	comp=Z,160nm,11.4s		
GTA2	Gaotai	4.02	81	Pn	Pn	07 39 15.3	+1.4	TIY	Taiyuan	14.04	90	eP			
GTA2				Pg	Pb	07 39 23.0	-0.1	TIY				IMP	comp=Z,540nm,8.9s		
GTA2				Sn	Sn	07 40 00.8	-0.3	IMP	comp=Z,21nm,0.5s			IMP	comp=N,39nm,0.6s		
GTA2				Sg	Sb	07 40 14.0	+2.2	IMP	comp=E,31nm,0.0s			IMP	comp=Z,34nm,1.0s		
GTA2	comp=N,830nm,0.9s			smax	smax			IMP	comp=E,630nm,8.2s			IMP	comp=Z,29nm,0.6s		
GTA2	comp=E,740nm,0.6s			smax	smax			IMP	comp=E,830nm,10.7s			IMP	comp=Z,17nm,0.8s		
GTA2	comp=N,2μm,8.8s			LR	LR			IMP	comp=E,400nm,15.0s			IMP	comp=Z,8.0nm,2.3s		
GTA2	comp=E,3μm,8.4s			LR	LR			IMP	comp=Z,17nm,0.8s			IMP	comp=Z,29nm,0.6s		
GTA2	comp=Z,3μm,9.2s			LR	LR			IMP	comp=Z,17nm,0.8s			IMP	comp=Z,29nm,0.6s		
WMQ	Urumqi	7.11	315	Pn	Pn	07 39 59.0	+2.8	LNCH	comp=E,630nm,8.2s			NIL	Nilore	18.01	259
WMQ				Sn	Sn	07 41 21.0	+3.9	LNCH	comp=E,830nm,10.7s			NIL	Nilore	18.01	259
WMQ	comp=N,490nm,0.9s			smax	smax			LNCH	comp=E,400nm,15.0s			NIL	Nilore	18.01	259
WMQ	comp=E,600nm,1.1s			smax	smax			LNCH	comp=Z,17nm,0.8s			NIL	Nilore	18.01	259
LZDM	Lanzhou Array	7.82	110	Pn	Pn	07 40 06.1	-0.2	ULHL	UlaHo	14.34	289	P			
LZDM	baz=293,slow=12			Sn	Sn	07 41 33.8	-1.3	ULHL	SNR=8.3			MANEM	Manem	18.07	273
LZDM	baz=48,slow=20			Lg	Lg	07 42 15.1		STMR	SITAMARHI	14.49	215	eP			
LZDM	baz=286,slow=12			Lg	Lg	07 42 15.1		STMR	comp=N,21μm,0.3s			MANEM	comp=Z,57nm,0.6s		
LZDM	20nm,0.4s			Lg	Lg	07 42 15.1		STMR	comp=N,21μm,0.3s			TRKS	Terek-Say	18.09	286
LZH	Lanzhou	7.87	109	Pn	Pn	07 40 08.0	+1.1	BOOM	Boomsokoye usch	14.59	290	Pn			
LZH				Pg	Pg	07 40 33.0	+4.2	BOOM	Boomsokoye usch	14.59	290	Pn			
LZH				Sn	Sn	07 41 33.8	-2.3	BOOM	Boomsokoye usch	14.59	290	Pn			
LZH				Sg	Sg	07 42 19.8	-5.0	BOOM	Boomsokoye usch	14.59	290	Pn			
LZH	comp=N,110nm,1.5s			smax	smax			BOOM	Boomsokoye usch	14.59	290	Pn			
LZH	comp=E,69nm,1.7s			smax	smax			BOOM	Boomsokoye usch	14.59	290	Pn			
LZH	comp=N,750nm,7.2s			LR	LR			BOOM	Boomsokoye usch	14.59	290	Pn			
LZH	comp=E,2μm,6.9s			LR	LR			BOOM	Boomsokoye usch	14.59	290	Pn			
LZH	comp=Z,570nm,8.9s			LR	LR			BOOM	Boomsokoye usch	14.59	290	Pn			
LSA	Lhasa	9.69	198	Pn	Pn	07 40 34.9	+2.8	IRK	Irkutsk	14.86	24	eP			
LSA	Lhasa	9.69	198	Pn	Pn	07 40 32.0	-0.1	IRK	Irkutsk	14.86	24	eP			
LSA	comp=Z,24nm,0.7s			pmax	pmax			IRK	Irkutsk	14.86	24	eP			
LSA	Lhasa	9.69	198	P	P	07 40 34.9	+2.8	IRK	Irkutsk	14.86	24	eP			
ZIRO	ZIRO	11.44	183	eP	eS	07 40 54.5	-1.3	TKM2	Tokmak 2	14.90	291	P			
ZIRO				eS	eS	07 42 53.5	-1.0	TKM2	Tokmak 2	14.90	291	P			
ZIRO	comp=N,158nm,0.2s			IAML	IAML	07 44 52.4		TKM2	Tokmak 2	14.90	291	P			
ZIRO				IAML	IAML	07 44 53.0		TKM2	Tokmak 2	14.90	291	P			
TAWA	Tawang	11.59	192	eP	Pn	07 40 57.5	-0.4	TKM2	Tokmak 2	14.90	291	P			
TAWA	comp=E,184nm,0.1s			IAML	IAML	07 41 58.5		TKM2	Tokmak 2	14.90	291	P			
TAWA	comp=N,188nm,0.1s			IAML	IAML	07 41 58.6		TKM2	Tokmak 2	14.90	291	P			
TAWA	Kungurtug, Tuv	11.80	9	iP	Pn	07 42 56.7	-1.1	TKM2	Tokmak 2	14.90	291	P			
BAOTOU	Baotou	11.86	77	eP	Pn	07 41 01.0	-0.4	TKM2	Tokmak 2	14.90	291	P			
BAOTOU				pP	Pn	07 41 04.5		TKM2	Tokmak 2	14.90	291	P			
BAOTOU				sP	Pn	07 41 07.5		TKM2	Tokmak 2	14.90	291	P			
BAOTOU				PP	Pn	07 41 10.3	+1.3	TKM2	Tokmak 2	14.90	291	P			
BAOTOU				S	Pn	07 43 14.5	+0.7	TKM2	Tokmak 2	14.90	291	P			
BAOTOU				SS	Pn	07 43 28.3	+2.8	TKM2	Tokmak 2	14.90	291	P			
BAOTOU				pmax	Pn	07 43 28.3	+2.8	TKM2	Tokmak 2	14.90	291	P			
BAOTOU	comp=N,18nm,0.9s			pmax	Pn	07 43 28.3	+2.8	TKM2	Tokmak 2	14.90	291	P			
BAOTOU	comp=N,350nm,4.8s			pmax	Pn	07 43 28.3	+2.8	TKM2	Tokmak 2	14.90	291	P			
BAOTOU	comp=N,1μm,10.7s			LR	LR			TKM2	Tokmak 2	14.90	291	P			
BAOTOU	comp=N,1μm,12.2s			LR	LR			TKM2	Tokmak 2	14.90	291	P			
BAOTOU	comp=N,2μm,14.9s			LR	LR			TKM2	Tokmak 2	14.90	291	P			
DGZ	Jazzart, Alta	11.88	337	iP	Pn	07 41 02.8	+1.1	TKM2	Tokmak 2	14.90	291	P			
MK31	Makanchi Array	11.94	315	Pn	Pn	07 41 02.3	-0.1	TKM2	Tokmak 2	14.90	291	P			
MK31	comp=N,7.7nm,0.3s, baz=121,slow=14,SNR=620			Sn	Sn	07 43 16.8	+1.1	TKM2	Tokmak 2	14.90	291	P			
MK31	comp=N,26nm,0.7s, baz=132,slow=26,SNR=6.0			Sn	Sn	07 41 02.6	+0.2	TKM2	Tokmak 2	14.90	291	P			
MKAR	Makanchi Array	11.94	315	Pn	Pn	07 41 01.8	-0.6	TKM2	Tokmak 2	14.90	291	P			
MKAR	comp=N,3.5nm,0.3s, baz=124,slow=13,SNR=130			Sn	Sn	07 43 10.1	-5.5	TKM2	Tokmak 2	14.90	291	P			
MKAR	comp=N,4.4nm,0.3s, baz=129,slow=26,SNR=6.0			Lg	Lg	07 44 32.3		TKM2	Tokmak 2	14.90	291	P			
MKAR	comp=N,0.6nm,0.3s, baz=109,slow=26,SNR=1.2			Lg	Lg	07 46 11.3		TKM2	Tokmak 2	14.90	291	P			
MKAR	comp=N,378nm,19.9s, baz=150,slow=40			LR	LR			TKM2	Tokmak 2	14.90	291	P			
MKAR	Makanchi Array	11.94	315	Pn	Pn	07 41 02.0	-0.3	TKM2	Tokmak 2	14.90	291	P			
MKAR	Makanchi Array	11.94	315	P	Pn	07 41 02.1	-0.3	TKM2	Tokmak 2	14.90	291	P			
WUS	Wushi	12.01	286	Pn	Pn	07 41 04.4	+0.9	TKM2	Tokmak 2	14.90	291	P			
MAKZ	Makanchi	12.12	314	Pn	Pn	07 41 04.7	-0.2	TKM2	Tokmak 2	14.90	291	P			
MAKZ	Makanchi	12.12	314	↑Pn	Pn	07 41 04.2	-0.7	TKM2	Tokmak 2	14.90	291	P			
MAKZ	comp=N,17nm,0.5s			↑Sn	Sn	07 43 18.8	-1.3	TKM2	Tokmak 2	14.90	291	P			
MAKZ	comp=N,24nm,0.6s			P	Pn	07 41 04.7	-0.2	TKM2	Tokmak 2	14.90	291	P			
SHLS	Shalkode	12.18	295	eP	Pn	07 41 03.7	-2.1	TKM2	Tokmak 2	14.90	291	P			
PDGK	Podgornoye	12.20	296	↑Pn	Pn	07 41 07.3	+1.2	TKM2	Tokmak 2	14.90	291	P			
PDGK	comp=N,13nm,0.6s			↑Sn	Sn	07 43 20.3	-1.9	TKM2	Tokmak 2	14.90	291	P			
PDGK	comp=N,52nm,0.8s			P	Pn	07 41 07.3	+1.2	TKM2	Tokmak 2	14.90	291	P			
SONM	Songino Array	12.30	40	Pn	Pn	07 41 07.1	-0.3	TKM2	Tokmak 2	14.90	291	P			
SONM	comp=N,1.9nm,0.3s, baz=223,slow=15,SNR=31			Lg	Lg	07 44 29.7		TKM2	Tokmak 2	14.90	291	P			
SONM	comp=N,1.6nm,0.3s, baz=228,slow=30,SNR=4.6			Lg	Lg	07 44 29.7		TKM2	Tokmak 2	14.90	291	P			
SONM	comp=N,6.4nm,0.6s			P	Pn	07 41 07.3	-0.1	TKM2	Tokmak 2	14.90	291	P			
SONM	Songino Array	12.30	40	P	Pn	07 41 07.3	-0.1	TKM2	Tokmak 2	14.90	291	P			
UZB	Uzymbulak	12.49	294	eP	Pn	07 41 11.4	+1.4	TKM2	Tokmak 2	14.90	291	P			
XAN	Xi'an	12.51	109	P	Pn	07 41 07.5	-2.8	TKM2	Tokmak 2	14.90	291	P			
XAN				S	Sn	07 43 25.5	-4.3	TKM2	Tokmak 2	14.90	291	P			
XAN	comp=N,520nm,7.8s			LR	LR			TKM							

30d 8h

Table with columns for station name, coordinates, magnitude, and other parameters. Includes stations like KSRS, ZEA, AB31, etc.

2020 JAN

Table with columns for station name, coordinates, magnitude, and other parameters. Includes stations like MODS, MODS Modra-Piesok, UPC, etc.

2220

Table with columns for station name, coordinates, magnitude, and other parameters. Includes stations like OBIP, OBIP Obispo Ponce, CELP, etc.

JSN 30 08:08:14.4±1.8, 18°18'N; 79°60'W, h0km±999km, MD4.1, Presumed earthquake

SSNC 30 08:08:23.1±0.6, 18°37'N; 79°13'W, h11km±8km, MD2.8, ML2.7, Presumed earthquake

ISC 30 08:08:19.9±2.2, 18.4N; 01°17'29'W; 0.1, h15km±16km, n10, r1908/16, TD, North of Honduras

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

JSN 30 08:14:00.1±1.8, 19°15'N; 81°26'W, h0km±999km, Presumed earthquake

SSNC 30 08:14:02.0±0.6, 18°39'N; 81°46'W, h10km±10km, MD3.5, ML3.3, Presumed earthquake

ISC 30 08:13:59.8±2.6, 19.09N; 08.81°4'W; 0.1, h10km, n11, r20619/19, 3C, North of Honduras

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

3:00 9h

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PIR0 Carate, Puerto Ciudad, NELY Ciudad Neily, FITO Golfito, etc.

2020 JAN

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ILAR Eielson Array, MDT Midelt, WRA Warramunga Arr, etc.

2222

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like WRA Warramunga Arr, KAPI Kappang, NVAR Mina Array Bea, etc.

Table with columns for ZKR, 71nm, 0.8s, AML, AML, 11 22 41.8, and various station names like ZKR, ZKR, RODOS, Rhodes Town Ha, etc.

Table with columns for comp=Z.463nm, 0.9s, MLR, MLR, 11 22 31.4, and various station names like ISP, ISPARTA, ISPARTA, etc.

Table with columns for BR131, Keskin Array S, 6.51 44 P, Pn, 11 23 12.6, and various station names like BR131, Keskin Array S, Keskin Array B, etc.

UOSS Minazif	26.55 105	P	P	11 27 14.3	0.0
UOSS		i	Amb	11 27 37.3	
comp=Z,90nm,0.9s					
UOSS Minazif	26.55 105	i	P	11 27 14.1	-0.2
SNR=8.6					
UOSS Minazif	26.55 105	P	P	11 27 15.0	+0.7
UOSS		P	S	11 27 15.0	+0.7
UOSS		S	S	11 31 47.4	-0.8
UOSS		S	S	11 31 47.4	-0.8
UOSS		S	S	11 27 13.9	-0.4
UOSS Minazif	26.55 105	i	P	11 27 14.3	-0.1
HATD Hatta, Dubai	26.55 105	P	P	11 27 15.1	+0.8
SNR=18					
HATD Hatta, Dubai	26.55 105	P	P	11 31 48.1	-0.2
SNR=27					
HATD		S	S	11 27 14.5	0.0
ASHO Ashiyah	26.57 105	i	P	11 27 15.2	+0.7
SNR=16					
ASHO Ashiyah	26.57 105	P	P	11 31 48.6	+0.1
SNR=21					
ASHO		S	P	11 27 11.2	-3.2
HFS Hagfors	26.60 344	P	P	11 31 45.3	-3.0
comp=Z,54nm,0.7s,baz=161,slow=9.2,SNR=54					
HFS		S	S	11 38 25.1	
comp=Z,5.0nm,0.8s,baz=141,slow=17,SNR=1.5					
HFS		P	P	11 27 15.6	+0.5
ALNE Al Ain	26.64 107	i	P	11 27 15.6	+0.5
SNR=7.1					
ALNE Al Ain	26.64 107	P	P	11 27 15.6	+0.5
SNR=34					
ALNE		P	P	11 27 15.6	+0.5
ALNE		S	S	11 31 50.0	+0.3
ALNE		S	S	11 31 50.0	+0.3
AKTO Aktyubinsk	26.69 46	LR	LR	11 41 58.4	
comp=Z,8um,19.2s,baz=238,slow=46					
AKTO KLMR	26.69 46	P	P	11 27 14.3	-1.0
KLMR Klimovskoe	26.79 13	eP	P	11 27 15.8	-0.2
KLMR		S	S	11 31 53.5	+2.3
comp=Z,336nm,1.2s					
KLMR		MLR	MLR		
comp=Z,12um,13.0s					
UMZA Um Al Zomool	26.89 110	P	P	11 27 18.3	+0.9
UMZA		P	P	11 27 18.3	+0.9
UMZA		S	S	11 31 52.6	-1.0
UMZA		S	S	11 31 52.6	-1.0
SNART Snartemo	26.91 336	eP	I	11 27 15.6	-1.1
SNART		I	Amb	11 27 20.9	
comp=Z,114nm,1.1s					
SNART		eS	S	11 31 57.6	+4.5
SNART		I	I	11 37 05.2	
SNART		I	I	11 40 38.6	
SNART		I	I	11 27 14.0	-3.1
SNART Snartemo	26.91 336	i	P	11 27 19.1	+0.6
MD01 Midelt array s	27.00 275	P	P	11 27 19.2	+0.8
MD31 Keuruu	27.09 357	eP	P	11 27 17.6	-1.1
KEF Keuruu	27.15 376	P	P	11 27 19.3	-0.6
IFR Ifrane	27.15 376	P	P	11 27 17.8	-1.6
OSL Oslo	27.15 341	eP	I	11 27 18.4	
OSL		I	Amb		
comp=Z,30nm,0.8s					
OSL		eS	S	11 31 59.4	+2.4
OSL		I	I	11 36 31.3	
OSL		I	I	11 38 54.3	
comp=Z,14um,19.5s					
SOHO SOHO	27.21 106	i	P	11 27 20.1	-0.1
SOHO		S	P	11 27 20.9	+0.6
SOHO		P	S	11 31 58.7	0.0
KONO Kongsberg	27.22 340	P	P	11 27 19.5	-0.5
KONO Kongsberg	27.22 340	eP	I	11 27 20.3	+0.3
KONO		I	Amb	11 27 24.7	
comp=Z,40nm,0.9s					
KONO		eS	S	11 31 58.4	+0.3
KONO		I	I	11 37 19.3	
KONO		I	I	11 40 22.7	
comp=Z,26um,12.5s					
KONO Kongsberg	27.22 340	i	P	11 27 20.2	+0.3
KONO		P	P		
comp=Z,56nm,1.1s					
KONO ATD	27.22 340	i	P	11 27 20.2	+0.3
Arta Tunnel	27.23 146	LR	LR	11 38 56.0	
comp=Z,270nm,18.8s,baz=335,slow=38					
ATD Arta Tunnel	27.23 146	P	P	11 27 22.7	+2.2
CNIL Conil	27.40 282	P	P	11 27 20.5	-1.3
AB31 Akbulak array	27.43 49	P	P	11 27 22.2	+0.3
AB31		I	Amb	11 27 28.9	
comp=Z,90nm,0.9s					
AB31 Akbulak array	27.43 49	P	P	11 27 21.4	-0.6
ABKAR Akbulak array	27.43 49	P	P	11 27 21.3	-0.7
KIRV Kirov	27.46 25	i	P	11 27 22.5	+0.4
SFS San Fernando	27.50 283	P	P	11 27 22.8	+0.1
SUF Sumainen	27.59 358	eP	P	11 27 24.4	+0.9
NC602 NORSAR Array S	27.63 343	eP	P	11 27 22.1	-1.6
NC602		I	Amb	11 27 34.4	
comp=Z,60nm,0.8s					
NC602		eS	S	11 32 01.3	-3.3
NC602		eScP	ScP	11 34 22.2	+1.6
NC602		I	I	11 36 48.5	
NC602		I	I	11 40 37.4	
comp=Z,33um,12.2s					
NORES NORESS Array B	27.63 343	P	P	11 27 22.1	-1.6
NORES		P	P		
comp=Z,6.0nm,0.8s					
MCH1 Michaelchurch	27.64 317	i	P	11 27 24.6	+0.9
JOF Joensuu	27.86 3	P	P	11 27 24.5	-1.2
MVO Moncorvo	27.88 293	eP	I	11 27 25.3	-0.9
comp=Z,184nm,1.7s					
MVO		i	S	11 32 09.4	+0.3
NA001 NORSAR Array S	27.89 342	I	Amb	11 27 35.8	
comp=Z,90nm,0.8s					
NB201 NORSAR Array S	27.97 343	I	Amb	11 27 34.9	
comp=Z,59nm,0.9s					
NB2 NORSAR Subarra	27.98 343	P	P	11 27 23.6	-3.2
comp=Z,47nm,1.1s,baz=150,slow=9.3					
NB2 NORSAR Subarra	27.98 343	I	P	11 27 23.6	-3.2
NB2		AMP		11 27 23.6	
comp=Z,47nm,1.1s					
NOA NORSAR Array B	27.98 343	P	P	11 27 23.7	-3.2
comp=Z,15nm,0.7s,baz=157,slow=8.0,SNR=55					
NOA		P	P	11 30 41.0	-0.5
comp=Z,5.2nm,0.9s,baz=147,slow=3.2,SNR=3.6					
NOA		S	S	11 32 05.4	-4.7
comp=Z,0.8nm,0.8s,baz=154,slow=15,SNR=1.0					
NOA		LR	LR	11 39 18.4	
comp=Z,11um,19.6s,baz=155,slow=38					
PBAR Barrancos	27.99 286	eP	I	11 27 26.4	-0.7
PBAR		I	Amb	11 28 13.3	
comp=Z,138nm,1.7s					
FURI Furi	27.99 157	LR	LR	11 40 14.7	
comp=Z,20um,18.3s,baz=338,slow=40					
BLSS Blasjo	27.99 337	eP	I	11 27 24.3	-2.6
BLSS		I	Amb	11 27 26.6	
comp=Z,36nm,1.1s					
BLSS		eS	S	11 32 11.0	+0.7
BLSS		I	I	11 37 34.2	
BLSS		I	I	11 40 53.0	
comp=Z,24um,14.2s					
VAF Ylistaro	28.08 355	eP	P	11 27 26.7	-0.9
NB000 NORSAR Array S	28.08 342	I	Amb	11 27 40.5	
comp=Z,86nm,1.1s					
HOQ Hoqain	28.11 106	P	P	11 27 29.0	+0.7
SNR=29					
HOQ		S	P	11 32 12.7	-0.1
PMRV Marv??o	28.18 289	eP	P	11 27 28.1	-0.8
PMRV		I	Amb	11 27 47.6	
comp=Z,125nm,1.3s					
PMRV		i	S	11 32 16.0	+2.2
PCBR Castelo Branco	28.23 290	eP	I	11 27 28.9	-0.3
PCBR		I	Amb	11 28 42.3	
comp=Z,91nm,1.4s					
KMY Karmoy	28.23 335	eP	I	11 27 29.6	+0.5
KMY		I	Amb	11 27 32.0	
comp=Z,27nm,1.0s					
KMY		eS	S	11 32 17.0	+3.0
KMY		I	I	11 36 35.7	
KMY		I	I	11 41 27.9	
comp=Z,12um,12.5s					
HRA Herat	28.24 82	P	P	11 27 30.5	+0.8
MTE Manteigas	28.27 291	eP	I	11 27 29.8	+0.1
MTE		I	Amb	11 27 52.9	

comp=Z,95nm,2.0s					
MTE Manteigas	28.27 291	i	S	11 32 17.0	+1.7
MTE Manteigas	28.27 291	eP	P	11 27 30.2	+0.5
NC204 NORSAR Array S	28.27 291	i	P	11 27 29.9	+0.2
ODD1 Odda	28.29 343	P	P	11 27 28.2	-1.6
ODD1	28.32 337	eP	I	11 27 43.4	
comp=Z,28nm,0.7s					
ODD1		eS	S	11 32 19.7	+4.2
ODD1		I	I	11 35 37.6	
comp=Z,17um,15.1s					
PESTR Estremoz	28.37 288	I	Amb	11 27 39.4	
PESTR Estremoz	28.37 288	eP	P	11 27 30.1	-0.3
comp=Z,106nm,1.3s					
PESTR		I	Amb	11 27 47.2	
PESTR		i	S	11 32 31.5	+1.5
PESTR Estremoz	28.37 288	i	P	11 27 30.2	-0.3
PESTR Vila Real	28.40 293	eP	P	11 27 30.3	-0.5
PVRL		I	Amb	11 28 36.0	
comp=Z,104nm,1.5s					
SKAR Skarslia	28.44 340	eP	P	11 27 29.3	-1.6
SKAR		I	Amb	11 27 40.2	
comp=Z,29nm,0.9s					
SKAR		eS	S	11 32 19.2	+1.8
SKAR		I	I	11 36 44.0	
SKAR		I	I	11 41 08.2	
comp=Z,24um,12.2s					
BSY Blaya	28.46 108	P	P	11 27 32.2	+0.7
SNR=15					
POLO Lamas de Olo	28.46 293	eP	P	11 27 30.6	-0.8
POLO		I	Amb	11 27 40.5	
comp=Z,84nm,1.5s					
POLO		i	S	11 32 18.7	+0.4
PVIS Viseu	28.54 292	eP	P	11 27 31.4	-0.7
DOK Doka	28.58 118	P	P	11 27 33.1	+0.6
SNR=9.5					
DOK		P	P	11 27 33.1	+0.6
SNR=9.5					
DOK		S	S	11 32 18.5	-1.8
DOK		S	S	11 32 18.5	-1.8
PVAQ Vaqueiros	28.59 285	I	Amb	11 27 57.4	
comp=Z,118nm,1.0s					
PVAQ Vaqueiros	28.59 285	eP	P	11 27 31.9	-0.6
comp=Z,190nm,1.3s					
PVAQ		i	S	11 32 18.3	-1.9
PVAQ Vaqueiros	28.59 285	i	P	11 27 32.1	-0.4
PCAB Cabril	28.64 294	eP	P	11 27 32.1	-0.5
PCAB		I	Amb	11 28 21.9	
comp=Z,181nm,1.7s					
PBEJ Beja	28.65 286	eP	I	11 27 33.2	+0.2
PBEJ		I	Amb	11 27 57.8	
comp=Z,125nm,1.3s					
EVO Evora	28.72 287	P	P	11 27 32.9	-0.7
EVO Evora	28.72 287	eP	P	11 27 34.0	+0.4
comp=Z,84nm,1.8s					
PARRA Arraiolos	28.72 288	eP	P	11 27 33.3	-0.3
PARRA		I	Amb	11 28 38.2	
comp=Z,56nm,1.5s					
PARRA		i	S	11 32 24.8	+2.6
PSARD Sardoal	28.77 290	eP	P	11 27 35.7	+1.7
PSARD		I	Amb	11 27 52.7	
comp=Z,73nm,1.3s					
PSARD		i	S	11 32 20.4	-2.6
BIDO Bidbid	28.78 106	P	P	11 27 34.8	+0.6
SNR=10					
BIDO		S	S	11 32 22.9	-0.5
PBDV Barranco-do-Ve	28.78 285	eP	I	11 27 34.5	+0.2
PBDV		I	Amb	11 27 44.4	
comp=Z,202nm,1.8s					
PCVE Castro Verde	28.82 286	eP	I	11 27 36.0	+1.5
PCVE		I	Amb	11 27 43.9	
comp=Z,97nm,1.7s					
ABTO Aybut	28.83 121	P	P	11 27 35.9	+1.1
SNR=10					
ABTO		S	S	11 32 24.6	+0.4
PGAV Gavieira, Arco	28.83 295	eP	P	11 27 35.9	+1.2
PGAV		I	Amb	11 28 26.8	
comp=Z,146nm,1.5s					
PGAV		eS	S	11 32 25.1	+1.1
PMTG Montargil	28.85 289	eP	I	11 27 3	

30d 11h

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HEH	pP	pP	11 32 47.3	-1.5	
HEH	S	S	11 41 50.0	-0.5	
HEH	S	pmax			
HEH	comp=Z,32nm,1.7s	LR	LR		
HEH	comp=Z,4um,16.4s	LR	LR		
HEH	comp=Z,6um,17.3s	LR	LR		
F64A	comp=Z,3um,17.2s	69.57 312	IAMB	IAMB	11 32 56.4
EMMW	East Machias comp=Z,50nm,1.3s	69.59 311	IAMS_20	IAMS_20	12 03 41.9
TIA	Tai'an	69.83 59	P	P	11 32 46.8 -0.2
TIA			pP	pP	11 32 54.0 +0.2
TIA			sP	sP	11 33 00.3 +6.9
TIA			PeP	PeP	11 33 06.8 -2.7
TIA			S	S	11 41 55.0 -0.9
TIA			SKS	SKS	11 42 46.0 -1.4
TIA			SKS	SKS	
TIA	comp=Z,16nm,1.0s	LR	LR		
TIA	comp=Z,2um,21.7s	LR	LR		
TIA	comp=Z,2um,16.4s	LR	LR		
TIA	comp=Z,2um,28.6s	LR	LR		
E62A	Clayton Lake comp=Z,34nm,0.8s	69.89 313	IAMB	IAMB	11 32 53.8
E62A	comp=Z,3um,18.0s	69.90 314	IAMS_20	IAMS_20	12 06 20.8
LMQ	La Malbaie	69.90 314	P	P	11 32 47.4 +0.1
LMQ	comp=Z,91nm,1.7s	IAMB	IAMB	11 32 59.6	
SURA	Surathani	69.96 93	IAMB	IAMB	11 32 49.0
MLSJ	Surathani	70.12 99	P	P	11 32 48.2 -0.8
GULI	Meulaboh, Aceh	70.17 73	P	P	11 32 47.5 -1.7
GULI	GulLin		S	S	11 41 56.3 -3.9
GULI			S	S	
GULI	comp=Z,25nm,1.5s	LR	LR		
GULI	comp=Z,3um,20.1s	LR	LR		
GULI	comp=Z,7.60nm,19.8s	LR	LR		
GULI	comp=Z,2um,22.2s	LR	LR		
PKME	Peaks-Kenny Pt	70.44 312	P	P	11 32 50.9 +0.4
PKME	comp=Z,68nm,1.3s	IAMB	IAMB	11 32 58.0	
PKME	comp=Z,3um,19.0s	69.96 93	IAMS_20	IAMS_20	12 04 04.3
WHN	Wuhan	70.60 66	P	P	11 32 53.0 +1.3
WHN			pP	pP	11 32 57.0 -1.6
WHN			S	S	11 42 07.5 +2.5
WHN	comp=Z,470nm,2.0s	LR	LR		
WHN	comp=Z,8um,23.7s	LR	LR		
CNSH	ChangSha	70.70 69	P	P	11 32 53.0 +0.6
CNSH			S	S	11 42 06.3 0.0
CNSH	comp=Z,15nm,0.9s	LR	LR		
CNSH	comp=Z,1um,18.1s	LR	LR		
CNSH	comp=Z,1um,12.5s	LR	LR		
CNSH	comp=Z,2um,15.8s	LR	LR		
SNSI	Sinabang, Aceh	71.14 101	P	P	11 32 56.2 +1.0
G62A	Sinabang, Aceh	71.22 312	IAMS_20	IAMS_20	12 08 06.8
G62A	West of Eustis	71.22 312	IAMS_20	IAMS_20	12 08 06.8
SNY	Shenyang	71.39 52	P	P	11 32 53.0 -0.1
SNY			S	S	11 42 12.0 +1.9
SNY			SS	SS	11 46 55.0 +7.2
SNY	comp=Z,25nm,0.9s	pmax	pmax		
SNY	comp=Z,280nm,4.7s	LR	LR		
SNY	comp=Z,2um,16.2s	LR	LR		
SNY	comp=Z,2um,20.3s	LR	LR		
SNY	comp=Z,4um,20.9s	LR	LR		
A36M	Sachs Harbour	71.47 351	IAMS_20	IAMS_20	12 05 21.1
A36M	Sachs Harbour	71.47 351	P	P	11 32 54.6 -1.7
CN2	Changchun	71.56 49	eP	P	11 32 57.5 +0.1
CN2			eS	S	11 42 13.8 -2.0
CN2	comp=Z,10.0nm,0.6s	pmax	pmax		
CN2	comp=Z,400nm,6.0s	LR	LR		
CN2	comp=Z,2um,20.0s	LR	LR		
CN2	comp=Z,2um,20.0s	LR	LR		
CN2	comp=Z,2um,20.0s	LR	LR		
DL2	Dalian	71.60 55	P	P	11 32 55.8 -1.9
DL2			S	S	11 42 18.0 +1.7
DL2	comp=Z,48nm,1.5s	pmax	pmax		
DL2	comp=Z,720nm,7.8s	LR	LR		
DL2	comp=Z,2um,16.8s	LR	LR		
DL2	comp=Z,2um,13.5s	LR	LR		
DL2	comp=Z,3um,18.6s	LR	LR		
KCSI	Kotaacane, Aceh	71.66 99	P	P	11 32 57.3 -1.1
BNX	Kotaacane, Aceh	71.74 47	P	P	11 32 58.3 -0.1
BNX	BinXian		S	S	11 42 17.5 -0.3
BNX	comp=Z,28nm,1.0s	pmax	pmax		
BNX	comp=Z,320nm,6.4s	LR	LR		
BNX	comp=Z,3um,18.4s	LR	LR		
BNX	comp=Z,2um,20.2s	LR	LR		
I63A	Otisfield	71.85 311	IAMS_20	IAMS_20	12 05 59.7
H62A	Milan	71.93 312	IAMB	IAMB	11 33 11.3
H62A	comp=Z,39nm,1.1s	IAMS_20	IAMS_20	12 04 47.7	
TSI	Tuntungan	72.31 98	P	P	11 33 02.2 -0.1
RCB	Riachuelo	72.33 249	IAMS_20	IAMS_20	12 06 01.6
KLR	Kul'dur	72.34 42	eP	P	11 33 02.1 +0.1
I62A	Tamworth	72.41 311	IAMB	IAMB	11 33 16.4
I62A	comp=Z,54nm,1.2s	IAMS_20	IAMS_20	12 06 17.4	
BILL	Bilibino	72.51 15	P	P	11 33 00.9 -1.7
BILL	comp=Z,57nm,1.2s	IAMS_20	IAMS_20	12 10 54.0	
BILL	comp=Z,3um,18.0s	72.51 15	eP	P	11 33 01.4 -1.2
BILL	comp=Z,39nm,1.3s	MLR	MLR		
BILL	comp=Z,3um,23.0s	MLR	MLR		
LBNH	Lisbon	72.57 312	IAMB	IAMB	11 33 10.9
SEY	Seymchan	72.72 23	LR	LR	11 09 22.4
SEY	comp=Z,3um,19.3s	72.72 23	eP	P	11 33 00.5 -3.5
SEY	comp=Z,3um,19.3s	72.72 23	eP	P	11 33 00.5 -3.5
SEY	comp=Z,46nm,1.6s	72.80 101	IAMB	IAMB	11 33 08.3
GSI	Gunungsitoli	72.80 101	IAMS_20	IAMS_20	12 09 09.4
GSI	comp=Z,4um,18.0s				

GSI	Gunungsitoli	72.80 101	P	P	11 33 07.0 +1.8
GSI	Gunungsitoli	72.80 101	P	P	11 33 05.7 +0.5
QIZ	Qiongzong	72.97 78	P	S	11 33 06.0 -0.2
QIZ			S	S	11 42 32.0 -0.7
QIZ			SKS	SKS	11 43 10.5 -1.1
QIZ	comp=Z,400nm,4.5s	LR	LR		
QIZ	comp=Z,2um,26.1s	LR	LR		
QIZ	comp=Z,820nm,26.1s	LR	LR		
KULM	Kulim	72.98 96	IAMS_20	IAMS_20	12 10 45.9
KULM	Kulim	72.98 96	P	P	11 33 06.3 0.0
KULM	Kulim	72.98 96	P	P	11 33 06.2 0.0
PSI	Prapat	73.01 99	P	P	11 33 06.7 +0.1
PSI	Prapat	73.01 99	P	P	11 33 06.4 -0.2
VT1	Waterbury	73.03 312	IAMS_20	IAMS_20	12 09 02.8
RPSI	Rantau Prapat	73.07 99	IAMB	IAMB	11 33 15.0
RPSI	comp=Z,66nm,1.0s	IAMS_20	IAMS_20	12 08 00.6	
RPSI	comp=Z,3um,21.0s	73.08 312	IAMS_20	IAMS_20	12 08 41.2
HNH	Hanover	73.08 312	IAMS_20	IAMS_20	12 08 41.2
NJ2	Nanjing	73.16 63	eP	P	11 33 06.5 -0.6
NJ2			sP	sP	11 33 12.8 -1.2
NJ2			S	S	11 42 35.8 +1.4
NJ2	comp=Z,21nm,0.7s	pmax	pmax		
NJ2	comp=Z,410nm,3.7s	LR	LR		
NJ2	comp=Z,1um,17.8s	LR	LR		
NJ2	comp=Z,2um,17.7s	LR	LR		
WES	Weston	73.19 310	IAMB	IAMB	11 33 19.5
NBPA	Parau RN	73.21 250	eP	P	11 33 09.5 +1.9
HRV	Adam Dzewonkski	73.27 310	IAMS_20	IAMS_20	12 05 52.4
J61A	Chester	73.44 312	IAMB	IAMB	11 33 16.6
J61A	comp=Z,49nm,1.2s	IAMS_20	IAMS_20	12 09 09.7	
K62A	Royalston	73.61 311	IAMS_20	IAMS_20	12 06 01.3
VLD0	Val d'Or	73.66 318	IAMB	IAMB	11 33 22.1
C36M	Paulatuk	73.75 350	IAMS_20	IAMS_20	12 08 20.4
C36M	Paulatuk	73.75 350	P	P	11 33 08.5 -1.4
IPM	Paulatuk	73.75 96	IAMB	IAMB	11 33 15.0
IPM	Paulatuk	73.75 96	P	P	11 33 10.6 -0.3
IPM	Paulatuk	73.75 96	P	P	11 33 10.5 -0.3
A21K	Barrow	73.76 1	P	P	11 33 09.4 -0.5
GRNR	Gornyy	73.94 39	P	P	11 33 11.6 +0.2
GRNR	comp=Z,10.0nm,1.1s	pmax	pmax		
GRNR	comp=Z,2um,14.0s	MLR	MLR		
GRNR	comp=N,2um,16.0s	MLR	MLR		
L61B	Notampton	74.00 311	IAMS_20	IAMS_20	12 06 12.7
UCCT	U. Connecticut	74.08 310	IAMB	IAMB	11 33 21.9
TRY	Troy	74.46 311	IAMS_20	IAMS_20	12 05 11.6
MA2	Magadan	74.54 26	P	P	11 33 15.0 +0.3
MA2	Magadan	74.54 26	P	P	11 33 20.7
MA2	Magadan	74.54 26	eP	P	11 33 15.2 +0.5
MA2	Magadan	74.54 26	eP	P	11 33 15.4 +0.7
J59A	Piesco	74.56 312	IAMB	IAMB	11 33 23.0
MNSI	Mandaling Nat	74.71 100	P	P	11 33 16.9 +0.5
B22K	Teshkepuk Lake	74.79 0	IAMB	IAMB	11 33 18.1
B22K	Teshkepuk Lake	74.79 0	P	P	11 33 15.8 -0.2
B22K	Teshkepuk Lake	74.79 0	P	P	11 33 15.8 -0.2
KSC2	Kent School, K	74.90 310	IAMB	IAMB	11 33 24.8
USRK	Ussuriysk Ar.	75.30 46	P	P	11 33 18.1 -1.3
C27K	Jago River	75.32 357	P	P	11 33 18.5 -0.6
D28M	Stakas Point	75.33 355	P	P	11 33 18.7 -0.4
SSE	Sheshan	75.35 62	P	P	11 33 18.5 -1.4
SSE	Sheshan	75.35 62	S	S	11 42 59.0 -0.1
SSE	comp=Z,160nm,4.3s	LR	LR		
SSE	comp=Z,600nm,15.7s	LR	LR		
C24K	Franklin Bluff	75.38 359	IAMB	IAMB	11 33 27.7
C24K	Franklin Bluff	75.38 359	P	P	11 33 19.4 0.0
J57A	Williamstown	75.49 313	IAMB	IAMB	11 33 28.0
J57A	Williamstown	75.49 313	IAMS_20	IAMS_20	12 09 38.8
D27M	Malcolm River	75.56 356	P	P	11 33 20.4 -0.2
SISI	Saibi	75.57 102	P	P	11 33 29.9 +8.5
L59A	Walton	75.60 312	IAMB	IAMB	11 33 29.1
L59A	Walton	75.60 312	IAMS_20	IAMS_20	12 06 19.0
INCN	Inchon	75.69 54	IAMS_20	IAMS_20	12 12 22.8
INCN	Inchon	75.69 54	P	P	11 33 24.6 +2.8
D25K	Kavik River	75.73 358	IAMB	IAMB	11 33 29.4
D25K	Kavik River	75.73 358	P	P	11 33 20.8 -0.6
NBPS	Pedro II - Pl	75.75 254	eP	P	11 33 23.9 +1.4
DELO	Deloro Mine	75.81 315	IAMB	IAMB	11 33 32.1
INK	Inuvik	75.89 353	P	P	11 33 19.0 -3.3
INK	Inuvik	75.89 353	P	P	11 33 19.0 -3.3
INK	Inuvik	75.89 353	P	P	11 33 20.8 -1.5
INK	Inuvik	75.89 353	P	P	11 33 20.8 -1.5
INK	Inuvik	75.89 353	P	P	11 33 21.3 -1.0
D24K	Happy Valley	75.95 359	IAMB	IAMB	11 33 31.5
D24K	Happy Valley	75.95 359	P	P	11 33 22.1 -0.6
C21K	Knifeblade Rid	75.97 1	P	P	11 33 22.4 -0.4
E28M	Babbage River	76.10 355	P	P	11 33 22.2 -1.4
PPI	Padang Panjang	76.11 101			

30d 11h

Table with columns: Station, Name, Elevation, Wind, Temp, Humidity, Pressure, Visibility, Clouds, etc. Includes stations like WTLY, SKT, YUKA, L15K, V55A, etc.

2020 JAN

Table with columns: Station, Name, Elevation, Wind, Temp, Humidity, Pressure, Visibility, Clouds, etc. Includes stations like P32M, V53A, CAPN, P46A, etc.

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Table with columns: Station, Name, Elevation, Wind, Temp, Humidity, Pressure, Visibility, Clouds, etc. Includes stations like ECSD, V48A, S44A, N38A, etc.

Table with columns: Station Name, IAMS_20, IAMS_20, Time, Res. Includes stations like K22A Casper, KAN01 Argonia, YHL Hebgan Lake, etc.

Table with columns: Station Name, IAMS_20, IAMS_20, Time, Res. Includes stations like PB09 IOPC Station P, TA01 Diego Aracena, TRQA Torquist, etc.

ISC 30 11:24:12.7-1.1, 35.42N-27.78E, h0km, mb4.5/18, mbmp4.5/19, MS5.4/8, Error ellipse: s-maj=28.8km s-min=17.9km az=168.0

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

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like JOW Kunigami, KDAD Kodiak Island, IDE Isla Desecheo, etc.

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

IDC 30 11:52:53.4-1.4, 35.16N-27.93E, h0km, mb3.6/6, mbtmp3.6/7, ML3.7/1, Error ellipse: s-maj=33.3km s-min=23.3km az=165.0

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

IDC 30 11:53:26.8-0.8, 35.25N-27.89E, h0km, mb3.9/14, mbtmp3.9/21, ML3.7/7, Error ellipse: s-maj=18.8km s-min=14.6km az=19.0

MOS 30 11:53:28.9-1.7, 35.10N-27.71E, h10km, mb4.8/8, Error ellipse: s-maj=11.0km s-min=6.5km az=79.1

IDC 30 11:53:30.9-0.5, 35.08N-27.85E, h0km, mb2.8n, n61, r174/69, mb4.0/17, 6C, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ANOYIA, BR131, etc.

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

KRNET 30 12:00:23.4-0.1, 41.41N-74.77E, h21km, mb2.9 NNC 30 12:00:24.8-1.3, 41.47N-74.72E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=8.4km s-min=5.7km az=10.0

KRNET 30 12:00:25.7-0.4, 41.55N-74.73E, h8km, mb2.2km, ml2.2, Error ellipse: s-maj=3.9km s-min=2.0km az=44.0

SOME 30 12:00:25.5, 41.52N-74.83E, h5km IDC 30 12:00:25.1-1.1, 41.43N-0.02-74.76E, h0km, n54, r103/90, 24C-27D, Kyrgyzstan

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

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

NEIC 30 12:04:33.8-1.7, 2.0S-0.1, 191.4W-0.1, h10km, 2km, mb4.5/32, Error ellipse: s-maj=23.2km s-min=14.8km az=120.0

IDC 30 12:04:43.4-3.3, 0.27S-91.54W, h0km, mb3.8/6, mbtmp3.9/7, ML3.5/1, Error ellipse: s-maj=17.7km az=38.0

IDC 30 12:04:33.0-1.2, 2.0S-0.1, 91.4W-0.1, h10km, n41, r088/29, mb4.4/21, Galapagos Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PAYG, I20EC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OSSF Ossees, MLZA Monlezun-d-Arm, SALF Salu, CSOR Sort, ESAC San Caprasio, etc.

AFAD 30 12:39:18.7, 34.98N, 27.97E, h8km, 4km, ML2.8
IDC 30 12:39:20.7, 1.5, 35.21N, 27.65E, h0km, mb3.6/5,
mbtmp3.5/7, ML2.8/2, Error ellipse: s-maj=46.1km
s-min=20.0km az=150.0

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SABU comp=N,114nm,1.2s, BDRM Kayabasi, YER Yerkesik, etc.

AFAD 30 12:45:45.6, 34.96N, 27.83E, h9km, 1km, ML3.0
IDC 30 12:45:48.4, 1.4, 35.25N, 27.73E, h0km, mb3.7/8,
mbtmp3.6/10, ML2.4/2, MS3.2/1, Error ellipse:
s-maj=33.9km s-min=20.4km az=154.0

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AYDN comp=E,64nm,0.5s, GCAM G2zelcamP, DNIZ Denizli-Tavas, etc.

TAP 30 12:52:15.7, 21.28N, 122.40E, h34km, 2km, ML3.6, D
JMA 30 12:52:17.0, 0.6, 21.1N, 3.12E, h76km, MV3.6/11,
TAIWAN REGION

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LYUB Lan-yu, LAY Lan-yu, TWBK Hengchun, etc.

30d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HATJ, WHP, NNSB, LATG, etc.

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

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

IDC 30 12:57:20.3s; 6.52; 0.04N; 177.41W, h0km, mb3.4/6, mbmp3.6/7, ML4.6/1, MS3.8/2, Error ellipse: s-maj=100.7km s-min=50.2km az=81.0 NEIC 30 12:57:55.8; 0.4; 5.2; 3.0; 3.174; 6V; 0.2; h226km; 6km, ML3.2/(A/E/C), Error ellipse: s-maj=45.1km s-min=9.4km az=164.0

ISN 30 13:04:18.3; 1.0; 3.4; 47N; 46.52E, h10km; 17km, ML2.9 TEH 30 13:04:18.4; 3.4; 46N; 46.45E, h8km; 47km, ML2.9 Presumed earthquake

ISN 30 13:04:18.3; 1.0; 3.4; 47N; 46.52E, h10km; 17km, ML2.9 TEH 30 13:04:18.4; 3.4; 46N; 46.45E, h8km; 47km, ML2.9 Presumed earthquake

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

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

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

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

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

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

NEIC 30 13:01:10.4; 2.8; 0.04S; 0.08; 30; 16E; 0.08, h24km; 5km, mb4.4/13, Error ellipse: s-maj=13.7km s-min=7.3km az=225.0

IDC 30 13:01:10.9; 1.0; 0.1; 18S; 30.09E, h20km; 5km, mb3.6/5, mbmp3.7/6, ML4.7/1, MS3.7/1, Error ellipse: s-maj=21.1km s-min=11.0km az=46.0

IDC 30 13:01:10.9; 1.0; 0.1; 18S; 30.09E, h20km; 5km, mb3.6/5, mbmp3.7/6, ML4.7/1, MS3.7/1, Error ellipse: s-maj=21.1km s-min=11.0km az=46.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H11S, H11S, H11S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H11S, H11S, H11S, etc.

NEIC 30 13:01:10.4; 2.8; 0.04S; 0.08; 30; 16E; 0.08, h24km; 5km, mb4.4/13, Error ellipse: s-maj=13.7km s-min=7.3km az=225.0

IDC 30 13:01:10.9; 1.0; 0.1; 18S; 30.09E, h20km; 5km, mb3.6/5, mbmp3.7/6, ML4.7/1, MS3.7/1, Error ellipse: s-maj=21.1km s-min=11.0km az=46.0

IDC 30 13:01:10.9; 1.0; 0.1; 18S; 30.09E, h20km; 5km, mb3.6/5, mbmp3.7/6, ML4.7/1, MS3.7/1, Error ellipse: s-maj=21.1km s-min=11.0km az=46.0

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like H11N1 WAKE ISLAND HY, H11S1 WAKE ISLAND HY, H11S2 WAKE ISLAND HY, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MMCT Mount Meron ar, MMAL Mount Meron Ar, MMAL Mount Meron Ar, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SJG San Juan, SJG San Juan, SJG San Juan, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes station: IDC 30 15:03:50.27.6, 25705:30:31E, h0km, mbmtp2.8/1, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes station: EIL Elat, EIL Elat, EIL Elat, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes station: HUMP Hump, HUMP Hump, HUMP Hump, etc.

Manual Solution by M.Charalampakis First location: 2020/01/30 15:14:09, this location: 2020/01/30 18:29:12. All distances are expressed in degrees Latitude uncertainty: 7 km; Longitude uncertainty: 11 km.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes station: NOA NORSAR Array B, TORO Torodi Ar, TORO Torodi Ar, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes station: AFAD 30 15:32:40.0, 35:07N-27:82E, h5km, ML3.1/11, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes station: KARP Karpathos, KARP Karpathos, KARP Karpathos, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes station: IDC 30 15:16:46.21.5, 3:00S-130:36E, h0km, mb3.6/2, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes station: AKAS Kas, AKAS Kas, AKAS Kas, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes station: AKAS Kas, FETY Fethiye, DALY Dalyan (Mula), etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes station: SIJI Sorong, SIJI Sorong, SIJI Sorong, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes station: WRA Warrangula Arr, ASAR Alice Springs, PALK Palkeleke, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes station: BDRM Kayabasi, NPS Neapolis, YER Yerkesik, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes station: NEIC 30 15:28:46.1.1, 17:93N-0:02:66:624W:0:009, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes station: BRTR Brter, BRTR Brter, BRTR Brter, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes station: GCAM G?zelcaml?, GCAM G?zelcaml?, GCAM G?zelcaml?, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes station: ECPR Experimental S, ECPR Experimental S, ECPR Experimental S, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes station: LUWI Luwuk, LUWI Luwuk, LUWI Luwuk, etc.

30d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSAL Sorong, SIJI, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, XLT XilinHao7s, MKAR Makanchi Array.

JMA 30 15:40:18.0,0.0,34.9N,0.1,134.9E,0.1, h16km, MV1, 8/20, SE HYOGO PREF
IDC 30 15:40:24.9,14.0,33.37N,134.47E, h0km, mb3.3/3, mbmp3.3/3, MS3.2/1, Error ellipse: s-maj=583.5km, s-min=29.4km az=61.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Honshu, JKS Kasai, JKS JKS, JMJK Miki, JMW Awajishima-nag, JAWN, JWD Wachi, JAD Aida, JHE Heguri, JHE, JKY Ysaka, JYS Sakaida, YAK Yakutsu, MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs.

IDC 30 16:02:16.0,2.2,7.39S,129.90E, h124km, MV1, 3/2, mbmp4.0/7, Error ellipse: s-maj=36.7km s-min=20.6km az=94.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 30 16:02:13.4,0.9,7.49S,0.06,129.94E,0.10, h100km, n7, s=370/12, Banda Sea, SIJI Sorong, SIJI, BATI Baumatai, FITZ Fitzroy Crossi, FITZ, WRA Warramunga Arr, ASAR Alice Springs, ASAR, MKAR Makanchi Array, KURBB Kurchatov Arra.

GII 30 16:24:17.8,0.0,35.212N,0.001,27.828E,0.001, h0km, MWS3.8, confirmed
AFAD 30 16:24:18.0,35.04N,27.82E, h7km, 2km, ML3.2
IDC 30 16:24:18.5,1.1,35.22N,27.82E, h0km, mb3.9/7, mbmp3.7/11, ML3.2/4, MS2.7/2, Error ellipse: s-maj=21.7km s-min=17.4km az=173.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 30 16:24:20.4,35.13N,27.82E, h8km, ML3.4/13, THE 30 16:24:22.8,35.1N,2.8E, h1km, 17km, M3.3/15, MLh3.3/15, ATH 30 16:24:24.5,35.29N,27.74E, h28km, 10km, ML3.3/6, Manual Solution by A. Papaioorgiou First location: 2020/01/30 16:25:46, This location: 2021/11/18 07:10:59, ML Amplitudes are expressed in micrometers, All distances are expressed in degrees Latitude uncertainty: 5 km, Longitude uncertainty: 4 km, IDC 30 16:24:19.3,1.4,35.06N,0.004,27.89E,0.03, h4km, 10km, n12, s=116/143, mb3.7/6, Dodecanese Islands.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KARP Karpathos, ARG Arkhangelos, ZKR Zakros, ZKR Zakros, RDH Rhodes Town Ha, SITZ Sitia, YAZI Mula-Datga, YAZI, DAT Data, TURN Turunc, IZZE Mula-Seydike, AKAS Kas, AKAS Kas, FETY Fethiye, DALY Dalyan (Mula), NPS Neapolis.

2020 JAN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NPS Neapolis, SABU Mula-Dalaman, BDRM Kayabasi, BDRM, BODT Bodrum, BODT Bodrum, YER Yerkesik, YER Yerkesik, CAMEL-Camel-Denizli, MULA Mula, MERKEZ-MLSB Milas, KNIK Mula-Seydike, THERA Thera, THERA Thera, CAEL Denizli, Camel, THRS Santorini-Mono, DNZT Denizli-Tavas, THRS Thera, THRS Thera Island, SNTS Nea Kammeni, S, SNTS Nea Kammeni, S, THRS Santorini-Faro, DDIM Aydin, Didim, IDI Anoyia, IDI Anoyia, IDI Anoyia, TAVA DENIZLI, Tavas, TAVA, TAVA, TAVA, GOLH, GYM, ACYM, GYM, ACYM, DNIZ Denizli-Tavas, ESSEN Aydin-Nazilli, SMG, INCE Denizli-Bozkur, YAM Vamos, SULTU Buldan, IZMR zmir-demi, IZMR, IZMR, DGB zmir, GVD Gavdhos, KIRA zmir-Kiraz, CHAM Chan, IMMV Iera Moni Meta, URLA Izmir, KNDR Palaiochora Ch, KTTT Salihi, KTTT Salihi, CAMT Merkez, ANKY Antikythira Is, ANKY Antikythira Is, KTHA Kythira Island, KTHA Kythira Island, CSS Mathiatis, CSS, HNTI Hanita, HNTI, BRTR Keskin Array B, BRTR, MMA0B Mount Meron ar, MMA0B, MMAI Mount Meron Ar, MMAI, NATI Neve Ativ, NATI, KZIT Kziot, KZIT, KSHT Keshet, KSHT, HMDT Nahal Hemdat, HMDT, YTHR Yattir, YTHR, DSI Dead Sea, DSI, MSBI Mazada, MSBI, RMNI Mount Ramon, RMNI, GHJG Ghor Haditha, GHJG, GHJG, GHJG, KRMI Paran Flat, KRMI, PRNI Paran, PRNI, PRNI Mount Harif, PRNI, HRFI Mt Berech, HRFI, MBRI, MBRI, EIL Elat, EIL, EIL, EIL, OBKA Obir, OBKA, KBA Koelnbreinsper, KBA, ABTA Abfaltersbach, ABTA, VRAC Vranco, VRAC, LESA Schwarzeleot, LESA, WTTA Wattenberg, WTTA, GERES GERES Array B, GERES, MOTA Motalim, MOTA, FETA Feichten, FETA, ESDC Sonseca Array, ESDC, RMINI Fines Array B, RMINI, HFS Hagfors, HFS, TORD Torod Ar, TORD, KURBB Kurchatov Arra, KURBB, MKAR Makanchi Array, MKAR, ZALV Zalesovo Beam, ZALV, SPITS Spitsbergen Ar, SPITS.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TAVA, TAVA, GOLH, GYM, ACYM, GYM, ACYM, DNIZ Denizli-Tavas, ESSEN Aydin-Nazilli, SMG, INCE Denizli-Bozkur, YAM Vamos, SULTU Buldan, IZMR zmir-demi, IZMR, IZMR, DGB zmir, GVD Gavdhos, KIRA zmir-Kiraz, CHAM Chan, IMMV Iera Moni Meta, URLA Izmir, KNDR Palaiochora Ch, KTTT Salihi, KTTT Salihi, CAMT Merkez, ANKY Antikythira Is, ANKY Antikythira Is, KTHA Kythira Island, KTHA Kythira Island, CSS Mathiatis, CSS, HNTI Hanita, HNTI, BRTR Keskin Array B, BRTR, MMA0B Mount Meron ar, MMA0B, MMAI Mount Meron Ar, MMAI, NATI Neve Ativ, NATI, KZIT Kziot, KZIT, KSHT Keshet, KSHT, HMDT Nahal Hemdat, HMDT, YTHR Yattir, YTHR, DSI Dead Sea, DSI, MSBI Mazada, MSBI, RMNI Mount Ramon, RMNI, GHJG Ghor Haditha, GHJG, GHJG, GHJG, KRMI Paran Flat, KRMI, PRNI Paran, PRNI, PRNI Mount Harif, PRNI, HRFI Mt Berech, HRFI, MBRI, MBRI, EIL Elat, EIL, EIL, EIL, OBKA Obir, OBKA, KBA Koelnbreinsper, KBA, ABTA Abfaltersbach, ABTA, VRAC Vranco, VRAC, LESA Schwarzeleot, LESA, WTTA Wattenberg, WTTA, GERES GERES Array B, GERES, MOTA Motalim, MOTA, FETA Feichten, FETA, ESDC Sonseca Array, ESDC, RMINI Fines Array B, RMINI, HFS Hagfors, HFS, TORD Torod Ar, TORD, KURBB Kurchatov Arra, KURBB, MKAR Makanchi Array, MKAR, ZALV Zalesovo Beam, ZALV, SPITS Spitsbergen Ar, SPITS.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDI Anoyia, IDI Anoyia, IDI Anoyia, TAVA DENIZLI, Tavas, TAVA, TAVA, TAVA, GOLH, GYM, ACYM, GYM, ACYM, DNIZ Denizli-Tavas, ESSEN Aydin-Nazilli, SMG, INCE Denizli-Bozkur, YAM Vamos, SULTU Buldan, IZMR zmir-demi, IZMR, IZMR, DGB zmir, GVD Gavdhos, KIRA zmir-Kiraz, CHAM Chan, IMMV Iera Moni Meta, URLA Izmir, KNDR Palaiochora Ch, KTTT Salihi, KTTT Salihi, CAMT Merkez, ANKY Antikythira Is, ANKY Antikythira Is, KTHA Kythira Island, KTHA Kythira Island, CSS Mathiatis, CSS, HNTI Hanita, HNTI, BRTR Keskin Array B, BRTR, MMA0B Mount Meron ar, MMA0B, MMAI Mount Meron Ar, MMAI, NATI Neve Ativ, NATI, KZIT Kziot, KZIT, KSHT Keshet, KSHT, HMDT Nahal Hemdat, HMDT, YTHR Yattir, YTHR, DSI Dead Sea, DSI, MSBI Mazada, MSBI, RMNI Mount Ramon, RMNI, GHJG Ghor Haditha, GHJG, GHJG, GHJG, KRMI Paran Flat, KRMI, PRNI Paran, PRNI, PRNI Mount Harif, PRNI, HRFI Mt Berech, HRFI, MBRI, MBRI, EIL Elat, EIL, EIL, EIL, OBKA Obir, OBKA, KBA Koelnbreinsper, KBA, ABTA Abfaltersbach, ABTA, VRAC Vranco, VRAC, LESA Schwarzeleot, LESA, WTTA Wattenberg, WTTA, GERES GERES Array B, GERES, MOTA Motalim, MOTA, FETA Feichten, FETA, ESDC Sonseca Array, ESDC, RMINI Fines Array B, RMINI, HFS Hagfors, HFS, TORD Torod Ar, TORD, KURBB Kurchatov Arra, KURBB, MKAR Makanchi Array, MKAR, ZALV Zalesovo Beam, ZALV, SPITS Spitsbergen Ar, SPITS.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 30 16:29:48.7,1.4,8.82S,127.67E, h0km, mb3.5/4, mbmp3.5/8, ML3.4/4, Error ellipse: s-maj=46.3km s-min=24.2km az=74.0, IDC 30 16:29:53.2,1.1,9.00S,0.09,127.7E,0.1, h35km, n8, s=153/11, mb3.4/4, Timor region, IDC 30 16:50:17.6,5.2,19.55S,177.36W, h555km, 55km, mb3.4/7, mbmp4.4/9, Error ellipse: s-maj=38.5km s-min=26.9km az=42.0, NEIC 30 16:50:18.7,1.3,19.6S,0.2,177.35W,0.07, h568km, 8km, mb4.3/20, Error ellipse: s-maj=23.5km s-min=7.8km az=166.0, IDC 30 16:50:17.2,0.6,19.6S,0.1,177.35W,0.09, h550km, n39, s=150/43, mb4.1/14, Fijil Islands region.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BATI Baumata, FITZ Fitzroy Crossi, WRA Warramunga Arr, WRA, ASAR Alice Springs, ASAR, CMAR Chiang Mai Arr, MKAR Makanchi Array, ZALV Zalesovo Beam, KURBB Kurchatov Arra.

NEIC 30 16:38:43.0,1.9,42.5S,0.1,82.7W,0.2, h10km, 1km, mb4.4/19, Error ellipse: s-maj=19.7km s-min=17.2km az=258.0, IDC 30 16:38:47.2,2.8,42.20S,82.57W, h0km, mb4.1/5, mbmp4.0/6, ML3.6/11, MS3.5/7, Error ellipse: s-maj=70.9km s-min=38.5km az=110.0, IDC 30 16:38:45.8,1.4,42.1S,0.2,82.6W,0.1, h10km, n48, s=157/35, mb4.3/10, MS3.4/6, West Chile Rise.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LL02 Futaleufu, H03C Coyhaique, H03C Juan Fernandez, H03S2 Juan Fernandez, H03S3 Juan Fernandez, G006 Curarrehue, PLCA Paso Flores, PLCA, PLCA Paso Flores, G008 Villa O'Higin, B102 Punta Arenas, B002 Sierra Bellav, MT01 Popeta, MT09 Talagante, MT02 Curacav, MT04 Pisco, MT08 Botacoma Ro, VA03 San Esteban, CO04 Los Peladeros, CO02 Combarbal, CO03 El Pedregal, TRQA Torquist, PB02 IPOC Station P, CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, PB16 IPOC Station P, RPIN Rapa Nui, LPAZ La Paz, LPAZ, LPAZ La Paz, LPAZ, PTLB Punta Arenas, OTAV Otavalo, ROSC El Rosa, BOAV Bo Vista, SDV Santo Domingo, JTS Las Juntas de, CELP Cerrillos, TXAR Lajitas Array, TXAR WAKE ISLAND Hyl, TXAR Lajitas Array, TXAR ALPN Alpine, VHRN Van Horn, SUR Suthend, TASM ASL Pad, TASM, DBIC Dimbokro, DBIC Dimbokro, LBTB Lobos, TORD Torodi Ar, H11S2 WAKE ISLAND Hyl, H11S1 WAKE ISLAND Hyl, H11S3 WAKE ISLAND Hyl.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TRQA Torquist, PB02 IPOC Station P, CPUP Villa Florida, CPUP Villa Florida, PB16 IPOC Station P, RPIN Rapa Nui, LPAZ La Paz, LPAZ, LPAZ La Paz, LPAZ, PTLB Punta Arenas, OTAV Otavalo, ROSC El Rosa, BOAV Bo Vista, SDV Santo Domingo, JTS Las Juntas de, CELP Cerrillos, TXAR Lajitas Array, TXAR WAKE ISLAND Hyl, TXAR Lajitas Array, TXAR ALPN Alpine, VHRN Van Horn, SUR Suthend, TASM ASL Pad, TASM, DBIC Dimbokro, DBIC Dimbokro, LBTB Lobos, TORD Torodi Ar, H11S2 WAKE ISLAND Hyl, H11S1 WAKE ISLAND Hyl, H11S3 WAKE ISLAND Hyl.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSFV Nonsavu, NIUE Niue, PINNC Pines Island, DZM Mont Dzumac, DZM Mont Dzumac, URZ Urewera, WHZ Wether Hill, CTA Charters Tower.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSFV Nonsavu, NIUE Niue, PINNC Pines Island, DZM Mont Dzumac, DZM Mont Dzumac, URZ Urewera, WHZ Wether Hill, CTA Charters Tower.

Table with columns: STA, Name, Azimuth, Elevation, SNR, etc. Includes stations like CTAO Charters Tower, TOO Toolangi, STKA Stephens Creek, etc.

Table with columns: IDE, Name, Azimuth, Elevation, SNR, etc. Includes stations like IDE Isla Desecheo, PDRP Patillas Dam, GPCR Guaynabo City, etc.

Table with columns: SJG, Name, Azimuth, Elevation, SNR, etc. Includes stations like SJG San Juan, SJG San Juan, SJG San Juan, etc.

OSPL 30 17:06:15.7±0.3, 17.96N:66.87W, h16km, 3km, ML3.0, Presumed earthquake

NEIC 30 17:06:15.9±1.1, 17.99N:0.02±66.844W:0.009, h10km, 3km, ML3.4/35, MD3.17(RSPR), Error ellipse: s-maj=2.8km s-min=1.7km az=184.0

RSPR 30 17:06:15.8, 17.98N:66.86W, h12km, MD3.17, ISC 30 17:06:15.0±0.9, 17.95N:0.05±66.85W:0.02, h17km, 5km, n40, c=544/63, 6C-1D, Puerto Rico region

DJA 30 17:08:59.2±0.4, 8°S, 9°E, h209km, 4km, M4.0/13, mb5.0/1, mb3.7/3, MLv4.1/13, Mw(mb)4.4/1

IDC 30 17:09:00.8±5.5, 7.89S, 118.32E, h233km, 5.1km, mb2.9/2, mbmp3.8/5, Error ellipse: s-maj=119.9km s-min=20.8km az=57.0

ISC 30 17:08:58.1±1.0, 8.25S:0.118.08E:0.05, h223km, 6km, n20, c=157/29, Sumbawa region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc. Includes stations like GBPR Guanica, Bosqu, GBPR Guanica, Bosqu, MLPR Magueyes Islan, etc.

IDC 30 17:10:25.8±1.0, 17.65N:66.67W, h0km, mb3.6/6, mbmp3.6/7, ML2.7/1, MS3.4/3, Error ellipse: s-maj=24.6km s-min=9.6km az=140.0

PTWC 30 17:10:27.18:00N:66.80W, M4.1/10, PUERTO RICO REGION

SDD 30 17:10:27.6±2.6, 17.91N:66.78W, h20km, 20km, MD3.8, ML3.7, MW4.3, Presumed earthquake

NEIC 30 17:10:27.5±0.9, 17.96N:0.07±66.76W:0.02, h10km, 1km, ML4.0/37, MD3.5/5(RSPR), Error ellipse: s-maj=11.9km s-min=2.7km az=196.0

RSPR 30 17:10:27.9, 17.95N:66.78W, h6km, MD3.5/5, ISC 30 17:10:26.5±1.0, 17.85N:0.05±66.78W:0.02, h10km, 7km, n87, c=1530/119, mb3.6/5, MS3.4/3, 4C-8D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc. Includes stations like GBPR Guanica, Bosqu, GBPR Guanica, Bosqu, OBIP Obispado Ponce, etc.

Table with columns: SJG, Name, Azimuth, Elevation, SNR, etc. Includes stations like SJG San Juan, SJG San Juan, SJG San Juan, etc.

RSPR 30 17:21:08.1, 17.97N:66.78W, h7km, MD2.6/4, NEIC 30 17:21:08.0±0.7, 17.98N:0.04±66.778W:0.009, h10km, 1km, ML2.6/35, MD2.6/4(RSPR), 3C-5D, Error ellipse: s-maj=6.1km s-min=2.3km az=167.0, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, etc. Includes stations like GBPR Guanica, Bosqu, GBPR Guanica, Bosqu, OBIP Obispado Ponce, etc.

30d 18h

HLW 30 18:26:16.7, 35°16'N, 27°0E, h11km, 5km, M3.7, THE 30 18:26:18.4, 35°N, 15°2'0E, h17, h5km, 28km, M3.4/12, MLh3.4/12

ATH 30 18:26:21.1, 35°51'N, 27°0E, h11km, 3km, ML3.9, Manual Solution by D. Venizelos First location: 2020/01/30 18:27:45, This location: 2021/10/19 15:00:21 ML

Amplitudes are expressed in micrometers. All distances are expressed in degrees Latitude uncertainty: 6 km; Longitude uncertainty: 3 km

ISC 30 18:26:17.9, 0.6, 35.16N, 0.03, 27.92E, 0.03, h22km, 5km, n135, r185/162, mb3.7/10, MS3.2/4, Decadecane Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, and various station names like KARP, KASSOS, ARG, etc.

2020 JAN

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, and station names like MLR, KBZ, SOKA, KEST, ARSA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, and station names like GAKI, GAKI, TAPL, etc.

2252

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, and station names like KOWE, KOFF, KONW, etc.

2253

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Station Class. Includes stations like VABM Dome, Elim, Bonanza Creek, etc.

2020 JAN

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Station Class. Includes stations like Chitina, Valde, HARP, etc.

30d 18h

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Station Class. Includes stations like Blow River, Stokes Point, Quiet Lake, etc.

30d 18h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like S11A Rachel, TPNV Topopah Spring, QSM Queen of Sheba, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like Y22A Socorro, NIAQ Niaqornat, FRB Frobisher Bay, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like TKM2 Tokmak 2, USP Oспенновка, KBK Karagaybulak, etc.

Table with columns: BRG, Name, RA, Dec, Amp, P, Time, Res. Includes stations like DPC Dobruska-Polom, SORM Soroca, BTNL Ternell, etc.

Table with columns: NUBE, Name, RA, Dec, eP, Pn, Time, Res. Includes stations like NUBE Las Nubes, CEVE Cerro Verde, UNIC Universidad Ca, etc.

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

CATAC 30 18:35:56.4+0.6, 14°N, 4°9'19"W, h22km, 4km, M3.9/22, MLV3.9/22, Error ellipse: s-maj=8.2km s-min=3.0km az=22.3, confirmed

ISC 30 18:43:39.8+1.4, 35°15'N, 0°04'27.90E, 0.03, h14km, 9km, n100, c1971/107, mb3.8/9, ID, Dodecanese Islands

ISC 30 18:38:32.4+1.4, 42°18'S, 82°64'W, h0km, mb4.3/5, mbmp4.2/6, ML3.6/1, MS3.4/3, Error ellipse: s-maj=38.8km s-min=27.4km az=69.0

30d 18h

0.5mm,0.7s,baz=293,slow=8.1,SNR=3.8
0.5mm,0.7s

RSNC 30 18:58:38.2,0.5,19 N,5.5x8 1W, h0km, M4.7, mB5.3, mb4.6, ML3.7, MLV4.8, Mw(mB)4.7
SDD 30 18:58:39.5,1.8,17.50N,81.25W, h80km, 166km, MD5.0, ML4.7, MW4.1, Presumed earthquake
IDC 30 18:58:39.4,0.6,18.86N,81.11W, h0km, mb4.2/17, mbmp4.2/21, ML4.0/4, MS3.6/25, Error ellipse: s-maj=18.9km s-min=13.8km az=56.0
NEIC 30 18:58:41.0,2.2,18.94N,0.02,80.96W,0.05, h35km, 1km, mb4.7/228, Error ellipse: s-maj=9.8km s-min=3.1km az=288.0
JSN 30 18:58:41.6,1.3,18.80N,81.18W, h48km, 999km, MW4.9, Presumed earthquake
SSNC 30 18:58:43.8,0.8,18.97N,80.81W, h5km, 5km, MD4.2, ML4.1, ML4.4, Presumed earthquake
ISC 30 18:58:44.1,0.3,18.94N,0.04,80.99W,0.05, h35km, n422, c1541/335, mb4.6/110, MS3.6/23, 3C-3D, North of Honduras

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Blossom Villag, The Bluff, Cay, Mount Denham, Manicaragua, Las Mercedes, etc.

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Main table with columns: CBOC, City, Bolivar, P, Pn, 19 01 58.3 +0.3, etc. Lists various stations and their data points.

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Table with columns: SDCO, Mesa Verde, 28.50 316, Iamb, Iamb, 19 04 38.9, etc. Lists stations like Mesa Verde, Paradox Valley, etc.

M29M	Somme Creek	58.56 333	P	P	19 08 36.8	-0.3
L29M	L29M	58.65 333	P	P	19 08 37.7	0.0
K29M	Barlow Dome	58.67 334	I	Amb	19 08 52.0	
K29M	Barlow Dome	58.67 334	P	P	19 08 37.8	-0.1
G31M	Satah River	58.73 338	P	P	19 08 38.4	+0.3
I30M	Mount Dempster	58.77 336	I	Amb	19 08 49.8	
I30M	Mount Dempster	58.77 336	P	P	19 08 38.3	-0.2
O28M	Mount Upton	58.79 330	P	P	19 08 38.4	-0.6
F31M	Tsigehtchic	58.79 339	P	P	19 08 38.7	+0.2
SUMG	Summit	58.80 14	P	P	19 08 39.7	+0.8
SUMG	Summit	58.80 14	I	Amb	19 08 53.7	
A36M	Sachs Harbour	58.86 345	I	Amb	19 08 52.4	
A36M	Sachs Harbour	58.86 345	P	P	19 08 39.0	+0.1
INK	Inuvik	59.13 340	LR	LR	19 36 42.6	
INK	Inuvik	59.13 340	I	Amb	19 08 42.5	
INK	Inuvik	59.13 340	P	P	19 08 40.9	+0.1
YUK3	Moose Creek	59.22 332	P	P	19 08 41.6	-0.2
EPYK	Eagle Plains	59.37 337	P	P	19 08 42.2	-0.4
DAWY	Dawson	59.52 334	P	P	19 08 43.3	-0.4
I29M	Ogilvie Camp	59.56 336	P	P	19 08 43.7	-0.2
F30M	Barrier River	59.57 339	P	P	19 08 43.7	-0.2
BVCV	Beaver Creek	59.60 332	P	P	19 08 43.9	-0.3
H29M	Whitestone	59.62 337	P	P	19 08 45.9	-0.4
M27K	Edge Creek, AK	60.04 332	P	P	19 08 46.7	-0.7
G29M	Pine Creek	60.06 338	I	Amb	19 09 01.3	
G29M	Pine Creek	60.06 338	P	P	19 08 47.3	-0.1
PLCA	Paso Flores	60.13 171	P	P	19 08 49.0	+0.9
CRQE	Cirque	60.15 330	P	P	19 08 47.3	-0.8
L27K	Beaver Creek	60.23 333	P	P	19 08 47.9	-0.6
I28M	Miner Creek	60.23 336	P	P	19 08 48.5	-0.1
MCARA	McCarthy VSAT	60.28 331	P	P	19 08 48.6	-0.3
KAIM	Kayak Island	60.58 329	P	P	19 08 50.5	-0.5
E29M	Blow River	60.62 339	P	P	19 08 50.7	-0.4
L26K	Log Cabin Wild	60.88 332	P	P	19 08 52.9	-0.1
I27K	Kandik River	60.94 336	I	Amb	19 09 05.5	
I27K	Kandik River	60.94 336	P	P	19 08 53.1	-0.3
F28M	Old Crow	61.00 338	P	P	19 09 03.7	-0.1
H27K	Steamboat Moun	61.12 336	I	Amb	19 09 06.0	
H27K	Steamboat Moun	61.12 336	P	P	19 08 54.5	0.0
E28M	Babbage River	61.26 339	P	P	19 08 55.8	+0.4
D28M	Stokes Point	61.29 340	P	P	19 08 56.3	+0.8
G27K	Doyon Strip	61.36 337	P	P	19 08 56.8	+0.6
EYAK	Cordova Ski Ar	61.37 329	P	P	19 08 57.3	+1.0
J26L	Joseph Creek	61.39 334	I	Amb	19 08 58.6	
J26L	Joseph Creek	61.39 334	P	P	19 08 56.7	+0.2
SCRK	Sand Creek	61.42 333	P	P	19 08 57.5	+0.8
KLU	Klutina	61.66 330	P	P	19 08 58.9	+0.6
RIDG	Independent Ri	61.72 333	P	P	19 08 59.5	+0.8
PAX	Paxson	61.80 332	P	P	19 08 59.9	+0.6
E27K	Coleen River	61.82 338	P	P	19 09 00.1	+0.8
M24K	Tolsona, Glenn	61.91 331	P	P	19 09 00.7	+0.7
D27M	Malcolm River	61.98 340	P	P	19 09 01.2	+0.9
K24K	Donnelly Dome	62.14 333	P	P	19 09 01.7	+0.2
J25K	Salcha River	62.17 334	P	P	19 09 02.2	+0.5
PRP	Porcupine Dome	62.47 335	P	P	19 09 02.7	-1.1
PRP	Porcupine Dome	62.47 335	I	Amb	19 09 05.3	
PRP	Porcupine Dome	62.47 335	P	P	19 09 04.3	+0.6
F26K	Sheenjek River	62.56 337	P	P	19 09 05.2	+1.0
M23K	Glacier View	62.56 331	P	P	19 09 05.3	+1.0
BMAR	Burnt Mountain	62.64 337	P	P	19 09 03.3	-1.5
WAT6	Susitna Watana	62.73 331	P	P	19 09 05.9	+0.3
HDA	Harding Lake	62.78 333	P	P	19 09 06.1	+0.4
KNK	Knik Glacier	62.84 330	P	P	19 09 06.5	+0.3
IL31		62.84 334	I	Amb	19 09 07.0	
ILAR	Eielson Array	62.84 334	P	P	19 09 06.3	+0.3
ILAR	Eielson Array	62.84 334	P	P	19 09 06.1	0.0
C27K	Jago River	63.03 340	P	P	19 09 08.0	+0.7
F25K	Christian River	63.08 337	I	Amb	19 09 10.0	
F25K	Christian River	63.08 337	P	P	19 09 08.3	+0.5
POKR	Poker Plat Res	63.15 334	P	P	19 09 08.4	+0.3
PMR	Palmer	63.19 330	P	P	19 09 09.0	+0.6
E25K	Arctic Village	63.20 338	I	Amb	19 09 10.7	
E25K	Arctic Village	63.20 338	P	P	19 09 09.0	+0.5
RC01	Rabbit Creek A	63.39 330	P	P	19 09 10.3	+0.5
MCK	McKinley	63.49 333	P	P	19 09 10.6	+0.1
H24K	Noodor Dome	63.49 335	P	P	19 09 10.7	+0.3
G24K	Hadweenciz Riv	63.54 336	P	P	19 09 11.2	+0.4
NEA2	Nenana	63.72 333	P	P	19 09 12.0	+0.1
D25K	Kavik River	63.83 339	P	P	19 09 12.9	+0.2
CUT	Chulitna	63.85 331	P	P	19 09 12.9	+0.1
SUA	Susitna One	63.93 330	P	P	19 09 12.9	-0.6
I23K	Minto, Yukon-K	63.95 334	P	P	19 09 13.2	-0.2
TRF	Thorefore Moun	64.03 332	P	P	19 09 14.0	-0.2
HOM	Homer	64.13 328	P	P	19 09 15.0	+0.4
E24K	Four Creek	64.25 337	P	P	19 09 15.5	+0.1

SKT	Skwentna	64.37 330	P	P	19 09 16.2	0.0
Q20K	Shuyak Island	64.40 327	P	P	19 09 16.4	-0.1
KD4K	Kodiak Island	64.43 326	LR	LR	19 39 04.4	
KD4K	Kodiak Island	64.43 326	P	P	19 09 16.7	0.0
BPAW	Bear Paw Mtn.	64.45 333	P	P	19 09 17.3	+0.6
G23K	Bananza Creek	64.53 336	P	P	19 09 17.4	+0.2
SPCR	Spurr Chakacha	64.59 329	P	P	19 09 17.5	-0.2
D24K	Happy Valley	64.63 338	I	Amb	19 09 30.2	
D24K	Happy Valley	64.63 338	P	P	19 09 18.3	+0.5
E23K	Chandalar	64.66 337	P	P	19 09 18.5	+0.4
COLD	Coldfoot	64.70 336	P	P	19 09 18.8	+0.5
C24K	Franklin Bluff	64.72 339	P	P	19 09 18.5	+0.1
OHAK	Old Harbor	64.76 325	P	P	19 09 18.7	-0.1
TOLK	Toolik Lake Re	64.77 338	I	Amb	19 09 32.4	
TOLK	Toolik Lake Re	64.77 338	P	P	19 09 19.1	+0.3
PPLA	Purkeypile	64.80 331	P	P	19 09 19.1	-0.1
H22K	Ishlathna Cre	64.92 335	P	P	19 09 20.2	+0.4
P19K	Oil Pt	64.93 328	P	P	19 09 19.9	-0.1
CHUM	Lake Minchumin	64.99 332	P	P	19 09 21.9	+0.6
I21K	Tanana	65.05 334	P	P	19 09 21.2	+0.6
M20K	Styler River	65.11 330	P	P	19 09 21.9	+0.7
G22K	Bettles	65.15 336	P	P	19 09 22.0	+0.9
SII	Sitkinan Islan	65.21 324	P	P	19 09 22.1	+0.3
D23K	Nanushuk River	65.24 338	P	P	19 09 22.1	+0.4
H21K	Melozitna Rive	65.46 334	P	P	19 09 23.4	+0.2
E22K	Anaktuvuk Pass	65.48 337	P	P	19 09 23.9	+0.4
N19K	Bonanza Creek	65.66 329	P	P	19 09 24.9	+0.2
K20K	Telida	65.71 332	P	P	19 09 25.1	+0.2
J20K	Nowinta River	65.83 333	P	I	19 09 39.4	
J20K	Nowinta River	65.83 333	I	Amb	19 09 25.9	+0.2
D22K	Aiyikyak River	65.93 338	P	P	19 09 26.8	+0.6
F21K	Alata River	65.96 336	P	P	19 09 26.7	+0.2
M18K	Stony River	66.36 330	P	P	19 09 29.4	+0.3
B22K	Teshkpuuk Lake	66.44 339	P	P	19 09 29.2	-0.2
R17L	Mt. Peulik Vol	66.44 325	P	P	19 09 29.4	-0.3
J19K	Poorman	66.46 332	P	P	19 09 29.8	+0.1
P17K	Kvichak River	66.54 327	P	P	19 09 30.5	+0.2
C21K	Knielbade Rid	66.72 338	P	P	19 09 31.7	+0.4
F20K	Avaraat Lake	66.81 336	I	Amb	19 09 33.8	
F20K	Avaraat Lake	66.81 336	P	P	19 09 31.8	0.0
O17K	Koliganek Bris	66.89 328	P	P	19 09 32.4	-0.1
J18K	Innokko River	66.90 332	P	P	19 09 33.1	+0.6
H19K	Reudabout Mou	66.95 334	P	P	19 09 33.6	+0.8
R16K	Pilot Point	67.09 325	P	P	19 09 34.2	+0.4
M17K	Hollina River	67.12 329	P	P	19 09 34.6	+0.7
G19K	Purcell Mouna	67.26 335	P	P	19 09 35.4	+0.7
D20K	Etiyuk River	67.32 337	P	P	19 09 36.0	+0.8
P16K	Nushagak River	67.33 327	P	P	19 09 35.6	+0.3
O16K	Kokwok River B	67.39 328	P	P	19 09 36.0	+0.3
E19K	Redstone River	67.43 336	I	Amb	19 09 49.3	
E19K	Redstone River	67.43 336	P	P	19 09 35.9	+0.1
L17K	Doyon	67.56 330	P	P	19 09 36.5	-0.3
F19K	Shaleruckik Mo	67.59 335	I	Amb	19 09 37.6	
F19K	Shaleruckik Mo	67.59 335	P	P	19 09 36.7	-0.1
A21K	Barrow	67.63 340	P	P	19 09 37.2	+0.2
H18K	Honhosa River	67.72 334	I	Amb	19 09 39.9	
H18K	Honhosa River	67.72 334	P	P	19 09 37.8	+0.1
D19K	Kuna River	67.85 337	P	P	19 09 38.3	-0.2
G18K	Togawik	67.88 334	P	P	19 09 38.7	0.0
J17K	VABM Dome	67.96 332	P	P	19 09 39.2	0.0
L16K	Owiti River	68.11 330	P	P	19 09 40.3	+0.1
ESDC	Sonsecsa Array	68.27 54	P	P	19 09 44.6	+3.0
ESDC	Sonsecsa Array	68.27 54	P	P	19 09 42.5	+0.8
ESDC	Sonsecsa Array	68.27 54	I	Amb	19 09 56.0	
O15K	Ungalikthiuk R	68.28 327	P	P	19 09 41.2	-0.1
F18K	Selawik	68.32 335	P	P	19 09 42.5	+1.1
H17K	Granite Mouna	68.37 333	I	Amb	19 09 56.3	
H17K	Granite Mouna	68.37 333	P	P	19 09 42.4	+0.6
J16K	Anvik River	68.64 331	P	P	19 09 43.6	+0.1
I17K	Unalakleet	68.69 332	P	P	19 09 44.1	+0.4
E18K	Tukpahlearik C	68.73 336	P	P	19 09 44.2	+0.3
SDPT	Sand Point	68.75 323	P	P	19 09 43.9	-0.4
C18K	Utukok River	68.99 337	P	P	19 09 46.2	+0.5
L15K	Ungalak Mouna	69.07 330	P	P	19 09 46.5	+0.3
E17K	Hotham Inlet	69.19 336	P	P	19 09 47.2	+0.4
H16K	Elim	69.36 333	P	P	19 09 48.1	+0.1
G16K	Koyuk River	69.41 334	P	P	19 09 48.4	+0.3
D17K	Noatak River	69.68 336	P	P	19 09 49.6	-0.3
C17K	Delong Moutai	69.72 337	P	P	19 09 49.8	-0.3
J14K	Nanvaranak Lak	70.00 331	P	P	19 09 51.3	-0.6
G15K	Niukuk	70.12 333	P	P	19 09 53.1	+0.5
F15K	North Star Dit	70.35 334	I	Amb	19 09 56.3	
F15K	North Star Dit	70.35 334	P	P	19 09 54.6	+0.6
C16K	Lisburne Hills	70.52 337	P	P	19 09 55.4	+0.5

ANM	Nome	70.72 333	P	P	19 09 56.7	+0.5
F14K	Arctic Creek	71.06 334	P	P	19 09 59.2	+0.8
TNA	Tin City	71.72 334	P	P	19 09 02.6	+0.4
UNV	Unalaska Valle	72.38 322	P	P	19 10 06.5	+0.1
SPITS	Spitsbergen Ar	73.08 12	P	P	19 10 11.2	+0.9
SPITS	Spitsbergen Ar	73.08 12	LR	LR	19 43 11.4	
NOA	NORSAR Array B	74.64 30	P	P	19 10 21.4	+1.7
NOA	NORSAR Array B	74.64 30	LR	LR	19 41 43.6	
HFS	Hagfors	76.03 31	LR	LR	19 42 52.0	
FETA	Fichten	77.47 44	eP	P	19 10 38.8	+2.5
MOTA	Moosalm	77.64 44	eP	P	19 10 39.0	+1.8
CLL	Colm	77.83 40	eP	P	19	

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

TRN 30 20:56:07.1, 10:54N, 62:59W, h71km, MD3.5, Gulf of Paria. FUNV 30 20:56:07.5, 10:54N, 62:54W, h29km, MW3.6, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Guralp CMG5TDE, Mucurapo Girls, Trinidad (W), Grenada Fort F, etc.

FUNV 30 20:58:42.4, 6:84N, 73:12W, h159km, MW4.0, Presumed earthquake. RSNC 30 20:58:43.0, 0.0, 7°N, 1°7'3W, h143km, 1km, M3.3, mb4.7, mb3.9, ML3.0, ML3.7, Mw(mb)4.0

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like San Pablo de B, Norcasia, Chingaza, El Rosal, Santa Helena, etc.

JMA 30 21:18:03.7, 0.2, 24°N, 1°12'52E, 0.6, h43km, 3km, MV3.5/10, NEAR MIYAKOJIMA ISLAND. IDC 30 21:18:06.1, 3.7, 24°36'N, 125°34'E, h58km, 35km, mb3.5/12, mbmp3.8/14, ML3.2, 12, MS3.0/6, Error ellipse: s-maj=25.5km s-min=17.1km az=62.0

ISC 30 21:18:04.1, 1.0, 24°33'N, 0°07'125.20E, 0.05, h37km, 2km, n40, c085/37, mb3.7/12, MS3.0/5, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Miyako jima3, Gusukube, Miyako jima 2, Tarama, etc.

SSLB Suanglung, TPUB Tera-pu, KSRs Kora Arr, MJAR Matsushiro Arr, LZDM Zalesovo Arr, CMAR Chiang Mai Arr, KLR Kul'dur, SONM Songo Arr, SONN Songo Arr

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WAKE ISLAND Hy, WAKE ISLAND Hy, WAKE ISLAND Hy, WAKE ISLAND Hy, etc.

MKAR Makanchi Arr, ZALV Zalesovo Arr, KURB Kurchatov Arr, WRA Warramunga Arr, AAK Ala-Archa, ASAR Alice Springs, BVAR Borovoye Arr

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like FINES FINESS Array B, HFS Hagfors, NOA NORAR Array B, YKA Yellowknife Ar

JMA 30 21:23:27.0, 2.0, 43°41'N, 0°6'14'6E, h94km, 1km, MV2.9/39, OFF NEMURO PENINSULA. SKHL 30 21:23:28.0, 1.4, 43°40'N, 146°00'E, h96km, 2km, mb4.5/3, msha5.2/3

ISC 30 21:23:28.3, 8.4, 43°37'N, 0°08'146.00E, 0.1, h93km, 16km, n15, c089/26, Hokkaido region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Nemuro 2, Nemuro-Hokkai, Yuzh-Kuril'sk, Ashorobuto, etc.

NEIC 30 21:34:40.8, 0.8, 17°87'N, 0°03'66'833W, 0.009, h10km, 1km, ML2.9/35, MD2.9/10(RSPR), Error ellipse: s-maj=5.8km s-min=2.6km az=2.3. OSPL 30 21:34:41.4, 0.4, 0.7, 17°89'N, 66:85W, h16km, 8km, ML2.3, Presumed earthquake

RSRP 30 21:34:41.2, 17°89'N, 66:84W, h11km, MD2.8/10. ISC 30 21:34:40.6, 1.2, 17°88'N, 0°06'66:833W, 0.02, h18km, 5km, n39, c051/56, 3C-4D, Puerto Rico region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Guanica, Bosqu, Magueyes, Obispo Ponce, Cabo Rojo, Cerrillos, Las Mesas, etc.

30d 22h

Table with columns for station name, code, time, and magnitude. Includes stations like MAW, NRK, MA2, etc.

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Table with columns for station name, code, time, and magnitude. Includes stations like MDRV, BILL, BZS, etc.

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Table with columns for station name, code, time, and magnitude. Includes stations like NVAR, NVAR, GRAC, etc.

Table with columns: Station, Frequency, Class, Mode, Power, and other details. Includes stations like HMBC, PB08, VILB, etc.

Table with columns: Station, Frequency, Class, Mode, Power, and other details. Includes stations like BSFB, PLCA, PLCA, etc.

Table with columns: Station, Frequency, Class, Mode, Power, and other details. Includes stations like DEOK, O53A, CCM, etc.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like PV13, PV03, PV05, etc.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like CMB, PNR, PAHR, etc.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, Date, Time, and other parameters. Includes stations like PAB, ESDC, ESDC, etc.

2265

Table with columns: Station ID, Name, Location, Elevation, Frequency, Power, etc. Includes stations like M26K Nabesna, AK, GLB Gilahina Butte, BMRM Gremont River, etc.

2020 JAN

Table with columns: Station ID, Name, Location, Elevation, Frequency, Power, etc. Includes stations like QSPA South Pole Qui, G24K Hadweencic Riv, G24K Hadweencic Riv, etc.

30d 22h

Table with columns: Station ID, Name, Location, Elevation, Frequency, Power, etc. Includes stations like GCSA Galena City Sc, N16K Nishik Lake, L17K Donlin, etc.

Table with columns: MNK, comp=N, 11nm, 0.8s, i/P, Pdif, 22 23 58.1 +0.5, etc. Includes rows for MNK, MNSK, MNRK, etc.

Table with columns: PRSN, LSP, LSP, Las Mesas, 1.06 149j, eP, etc. Includes rows for Las Mesas, Cabo Rojo, PR, etc.

Table with columns: CAEL, Denizli, Camel, 2.29 28 P, Pb, 22 28 03.8 +0.6, etc. Includes rows for Denizli, Tavas, etc.

NEIC 30 22:28:51.7, 0.19, 16N, 0.04, 67.66W, 0.04, h10km, 3km, ML3.0/37, Md3.4/6(RSPR), Error ellipse: s-maj=8.0km s-min=3.6km az=220.0

RSPR 30 22:28:53.0, 19.20N, 67.86W, h53km, 7km, MD3.4/6 SDD 30 22:28:55.2, 1.7, 19.05N, 67.63W, h15km, 15km, MD3.0, ML2.8, MW3.2, Presumed earthquake

ISC 30 22:28:52.9, 1.3, 19.09N, 0.06, 67.66W, 0.03, h11km, 10km, n39, s90/61, 13C-4D, Mona Passage

Table with columns: AFAD, 30 22:37:21.2, 35.02N, 27.78E, h17km, 2km, ML3.4, etc. Includes rows for AFAD, ISK, IDC, Gll, etc.

ISC 30 22:37:22.4, 1.3, 35.11N, 0.03, 27.95E, 0.02, h4km, 4km, n139, s194/078, mb3.6/12, 1C-1D, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, P, h, m, s, ISC, Time, Res, etc. Includes rows for KARP, ARG, etc.

Table with columns: EIL, Elat, 8.02 131 P, Pb, 22 29 20.8 +1.0, etc. Includes rows for EIL, MSBI, etc.

Table with columns: SQT, Sankt Quirin, 17.43 319 ePn, P, 22 41 27.0 -0.8, etc. Includes rows for SQT, DPC, etc.

30d 22h

2020 JAN

Table with columns for station code, name, frequency, and signal strength. Includes stations like TOZ, HIZ, NJ2, KSRS, KSAR, UBPT, INCN, URZ, CNSH, RTZ, GULI, BKZ, INZ, WHN, LTZ, PDSI, PPI, KHZ, OXZ, BFZ, KULM, ODZ, MNSI, ASAJ, RPSI, PSI, DL2, TIA, SURA, GYA, USRK, LYN, and GSI.

Table with columns for station code, name, frequency, and signal strength. Includes stations like SHENYANG, MDJ, YSS, MSLI, CN2, KUNMING, XAN, BJ2, CMAR, CHTO, TIY, CTZ, PZH, and CD2.

Table with columns for station code, name, frequency, and signal strength. Includes stations like CD2, KLR, TNCH, HHC, HXL, SKR, BTO2, RAR, LZH, LZDM, HEH, PEA0B, PETK, HIA, MORE, HILR, IMP, SAIH, MOKOCHONG, PASGHAT, KOHI, ITAN, ZEA, and ZEA.

30d 22h

Table with columns for station ID, name, elevation, date, time, and various data points. Includes stations like H21K Melozitna River, I21K Tanana, D20K Melozitna River, etc.

2020 JAN

Table with columns for station ID, name, elevation, date, time, and various data points. Includes stations like I27K Kandik River, H27K Steamboat Moun, G27K Doyon Strip, etc.

2270

Table with columns for station ID, name, elevation, date, time, and various data points. Includes stations like MAK Makhachkala, ELK Eiko, BC3 Big Chuckawall, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like G40A Rib Lake, Z38A Mt. Pleasant, HKT Hickley, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LONY Lake Ozonia, SSPA Standing Stone, TGUH Tegucigalpa, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like DMDM Guralp CMGSTE, DMDM Port of Spain, TRN Trinidad (W), etc.

31d Oh

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KRBS, USP, SATY, etc.

NOU 30 23:11:03.1, 37.06S, 179.26E, h0km, MLV3.5/5, Off E, Coast of N. Island, N.Z.
WEL 30 23:11:05.9, 1.1, 37.5S, 177.9E, h12km, M3.2/12, ML3.3/16, MLV3.2/12, Error ellipse: s-maj=11.7km, s-min=6.7km, az=75.7, confirmed
ISC 30 23:11:04.6, 3.1, 36.92S, 179.0E, 0.1, h6km, 13km, n28, c110/33, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MXZ, PKGZ, HAZ, etc.

NEIC 30 23:12:27.9, 1.6, 58.83N, 0.02, 153.58W, 0.04, h5km, 8km, ML3.4/12, ML3.3(AEIC), Error ellipse: s-maj=3.1km, s-min=2.5km, az=76.0
AEIC 30 23:12:27.9, 2.2, 58.81N, 0.02, 153.63W, 0.04, h3km, 6km, Error ellipse: s-maj=2.8km, s-min=2.4km, az=71.0
IDC 30 23:12:28.1, 1.4, 58.56N, 153.95W, h0km, mb3.7/2, mbmp3.5/5, ML3.3/3, Error ellipse: s-maj=20.3km, s-min=9.9km, az=66.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Q19K, P19K, ACHA, etc.

2020 JAN

Main table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SII, P16K, SKLAK, etc.

2272

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CBCY, LCCY, MTDJ, etc.

RSNC 30 23:26:34.7, 0.5, 9°N, 3°77'W, h26km, 5km, M2.3, mb4.0, ML2.3, MLV2.8, Near north coast of Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CAPC, APAC, PTAC, etc.

NOU 30 23:52:25.4, 14.72S, 167.52E, h125km, MLV4.5/14, Vanuatu Islands, Vanuatu Islands

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

RSNC 31 00:10:57.5, 0.0, 7°N, 1°7'3W, h147km, 1km, M3.0, ML2.6, FUNV 31 00:10:59.5, 6.85N, 73.11W, h134km, MW3.6, Presumed earthquake

ISC 31 00:10:56.1, 3.686N, 0.03, 73.15W, 0.04, h153km, 8km, n30, c121/59, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BARC, BRJC, PAMC, etc.

NEIC 31 00:23:45.3, 1.6, 17.94N, 0.01, 66.69W, 0.01, h10km, 1km, ML3.9/49, ML3.4(B/RSPR), Error ellipse: s-maj=3.6km, s-min=1.7km, az=350.0
RSPR 31 00:23:46.0, 17.98N, 66.72W, h13km, MD3.1/8
SDD 31 00:23:46.3, 2.17, 17.98N, 66.70W, h21km, 40km, MD3.9

ML3.7, MW3.8, Presumed earthquake
OSPL 31 00:23:46.3-0.4, 17.99N:66.71W, h12km, 2km, ML3.4, Presumed earthquake

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes stations like Obispo Ponce, Guanica, Cabo Rojo, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes stations like Lee's Yard, Willy Bob, Broadband at M, etc.

ISK 31 00:42:39.3, 39.07N-27.82E, h18km, 2km, ML1.3/7, Turkey

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes stations like AKS, SOMA, GORD, etc.

SJA 31 00:46:47.5-0.7, 24.11S:67.13W, h207km, 6km, ML3.5, MW3.5

GUC 31 00:46:48.9-0.7, 24.00S:67.13W, h196km, 8km, ML3.9

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes stations like SALTA, AFO1, SLA, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes stations like MTDJ, LMGC, CCCC, etc.

TEH 31 00:54:08.9, 34.14N:45.34E, h8km, 999km, ML2.9, Presumed earthquake

ISN 31 00:54:09.7-1.0, 34.13N:45.26E, h18km, 5km, ML2.7

ISC 31 00:54:08.9-1.6, 34.12N:0.05:45.31E, 0.04, h4km, 18km, n8, e1910/13, Iran-Iraq border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes stations like GLG1, IDHR, IGHG, etc.

IDC 31 00:58:57.8-1.7, 0.18N:126.22E, h0km, mb3.4/4, mbmp3.5/4, MS3.7/1, Error ellipse: s-maj=184.8km

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes stations like WRA, ASAR, JCR, etc.

RSNC 31 01:05:28.5-0.0, 7N:1.73W, h151km, 1km, M3.0, mb3.5, ML2.8, Northern Colombia

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes stations like BARC, BRJC, PAMC, etc.

SSNC 31 00:51:59.6-0.6, 19.17N:79.66W, h11km, 3km, MD3.8, ML2.8, Presumed earthquake

JSN 31 00:52:00.7-0.9, 19.47N:79.17W, h0km, 999km, MD3.9, Presumed earthquake

ISC 31 00:51:58.4-1.8, 19.13N:0.10:79.71W, 0.06, h35km, n14, e1555/22, 2D, Cuba region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Residual. Includes stations like CBBY, CBBY, CBBY, etc.

31d 1h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URMC La Uribe, Meta, YOTC Yotoco, Valle, SMRC Santa Marta, M, etc.

NEIC 31 01:08:59.4:1.6, 75N:0.03:100:12W:0.02, h10km, 1km, mb4.2/21, Md4.5/142(MEX), Error ellipse: s-maj=5.9km s-min=3.0km az=27.0

IDC 31 01:09:01.8:1.6, 17:34N:99:87W, h0km, mb3.8/7, mbmp3.6/11, ML3.0/4, Error ellipse: s-maj=35.2km s-min=14.1km az=33.0

MEX 31 01:09:02.9:1.6, 17:03N:100:04W, h10km, 15km, Md4.5, ISC 31 01:09:00.8:0.6, 16:85N:0.03:100:11W:0.02, h20km, 1km, n167, c156/278, mb4.1/15, 1D, Near coast of Guerrero

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ACP2 Acapulco, CAIG El Cayaco, DAIG Los Arroyos, etc.

2020 JAN

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UNM Benito Juarez, BJVM Benito Juarez, THVM De Xico, etc.

2274

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HMU Henry Mountain, ISCO Nancy Springs, PDAR Pinedale Array, etc.

CATAC 31 01:17:21.7:0.5, 13°N:3°9'0W, h27km, 2km, M3.4/18, ML3.6/4/18, Error ellipse: s-maj=6.6km s-min=3.5km az=24.4, confirmed

GCG 31 01:17:23.4:1.0, 13:48N:89:98W, h44km, 22km, MD3.9, ML3.6, Presumed earthquake

ISC 31 01:17:23.4:1.4, 13:34N:0.06:89:90W:0.04, h30km, 11km, n28, c1912/0, El Salvador

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FAME Alcaldia de Sa, JAYA Jayaque - finc, NUBE Las Nubes, etc.

JMA 31 01:18:11.5:0.1, 24:8N:0.5:121:9E:0.5, h28km, MV3.4/11, TAIWAN REGION

TAP 31 01:18:11.3:24:80N:121:91E, h9km, ML3.5, B, ISC 31 01:18:10.8:0.8, 24:81N:0.02:121:95E:0.02, h12km, 5km, n124, c0974/195, 7C-3D, Taiwan

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EGS Toucheng, NTC NTC, ILLAN Iilan, etc.

Table with columns: Station Name, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like Xindian Distri, Taipei, Nanau, etc.

Table with columns: Station Name, Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like Kinmen, Chin-men Tao, Jialiang, etc.

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

31d 1h

2020 JAN

Table with multiple columns containing station call signs (e.g., CFR, VASR, VOIR), frequencies (e.g., 1.17 119, 1.17 400), and other technical details. The table is organized into two main vertical sections, each with its own column headers for call sign, frequency, and other parameters.

Table with columns for station call letters, frequency, power, and time. Includes stations like MNK, SKDS, MATE, etc.

Table with columns for station call letters, frequency, power, and time. Includes stations like OBN, VRH, FUORN, etc.

Table with columns for station call letters, frequency, power, and time. Includes stations like SSB, SEKA, RAF, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like PMR Palmer, YUK6 Outpost Mounta, PETK Petropavlovsk, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like FALS False Pass, WVT Waverly, WWT Waverly, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like AFDM Forest Hills D, PECS Pecos, DRIO Del Rio, etc.

Station information and coordinates for WRA Warramunga Arr 116.21 92, ASAR Alice Springs, SNAAS Snares, etc.

Station information and coordinates for WRA Warramunga Arr 116.21 92, ASAR Alice Springs, SNAAS Snares, etc.

Station information and coordinates for WRA Warramunga Arr 116.21 92, ASAR Alice Springs, SNAAS Snares, etc.

Station information and coordinates for WRA Warramunga Arr 116.21 92, ASAR Alice Springs, SNAAS Snares, etc.

Station information and coordinates for WRA Warramunga Arr 116.21 92, ASAR Alice Springs, SNAAS Snares, etc.

Station information and coordinates for WRA Warramunga Arr 116.21 92, ASAR Alice Springs, SNAAS Snares, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like XAN, CMAR, HHC, and others.

Table with columns for station name, coordinates, and various parameters. Includes stations like AAK, C19K, KKAR, and others.

Table with columns for station name, coordinates, and various parameters. Includes stations like WRA, CMAR, ILAR, and others.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time Res, h m s, Res ISC. Includes stations like Blossom Villag, The Bluff, Cay, Mount Denham, etc.

DJA 31 03:15:04.9; 1.2; 2'S; 114°6'E; 1'0, h10km, M4.6/11, m85.8/3, mb4.5/1.1, Mw(mb)5.3/3
IDC 31 03:15:20.5; 0.9; 3.47S; 146°28'E, h0km, mb4.2/1.8, mbmp4.2/1.9, ML2.0/1, MS3.7/3.0, Error ellipse: s-maj=31.0km s-min=13.6km az=100.0, NEIC 31 03:15:22.9; 2.3; 3.35S; 0.07; 146°2'E; 0'1, h10km, 1km, mb4.3/1.2, Error ellipse: s-maj=20.1km s-min=8.7km az=293.0

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time Res, h m s, Res ISC. Includes stations like Manus Island, Jayapura, Port Moresby, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time Res, h m s, Res ISC. Includes stations like MA2 Magadan, PPT2 Papeete, TBI Tubuai, etc.

GII 31 03:15:26.8; 0.0; 34°12'N; 0°35'34.02E; 0'005, h0km, Mw(s) 2.9 confirmed
GRAL 31 03:15:27.9; 0.2; 34°14'N; 35°24'E, h5km, 25km, MD3.3
ISC 31 03:15:28.0; 1.5; 34°10'N; 0°36'35.4E; 0'07, h10km, n33, r120/54, Jordan-Yaris region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time Res, h m s, Res ISC. Includes stations like BEYL Beirut, BHNS Bhanes, DQRL Deir Qamar, etc.

IDC 31 03:16:19.9; 1.4; 35°15'N; 27°86'E, h0km, mb3.1/3, mbmp3.2/5, ML2.3/1, Error ellipse: s-maj=44.9km, s-min=23.1km az=161.0
ISK 31 03:16:20.5; 35°05'N; 27°88'E, h5km, ML2.9/12
ISC 31 03:16:23.8; 1.1; 35°06'N; 0°07'27.89E; 0'05, h28km, n17, r152/20, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time Res, h m s, Res ISC. Includes stations like KARP Karpathos, ARG Arkhangelos, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time Res, h m s, Res ISC. Includes stations like ESDC Sonsea Array, TORO Torodi Arr, MKAR Makanchi Array, etc.

IDC 31 03:18:13.3; 1.6; 6°13'S; 143°24'E, h0km, mb3.9/7, mbmp3.9/10, ML3.7/3, Error ellipse: s-maj=47.6km s-min=22.8km az=99.0
ISC 31 03:18:17.3; 1.3; 6°35'S; 0°08; 142°9'E; 0'2, h35km, n10, r162/11, mb3.8/8, New Guinea

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time Res, h m s, Res ISC. Includes stations like JAY Jayapura, WRA Warramunga Arr, ASAR Alice Springs, etc.

NEIC 31 03:25:51.5; 0.9; 31°71'N; 0°01; 104°02'W; 0'05, h5km, 1km, mb2.9/2.7, Mw(s) 2.9 confirmed, Moment Tensor Solution. Moment tensor: Scale: 10^14Nm; Mr=2.34; Ms=2.13; Mss=2.0; Mv=0.20; Mw=0.09; Fault plane solution: Ms2.820000; 10^14 NP1=90.70000; 663.57000; -94.18000; NP2=280.01000; 626.74000; -81.67000; Principal axes: T: 2.7158, Pg1: 18.0000; Azm1: 184.0000; N: 0.1984, Pg4: 0.0000; Azm3: 0.0000; P: -2.9142, Pgt7: 0.0000; Azm5: 0.0000;
NEIC 31 03:25:51.7; 31°70'N; 104°02'W, h10km
IDC 31 03:25:51.7; 1.2; 31°88'N; 104°02'W, h0km, mb3.3/1, mbmp3.1/4, ML3.0/3, MS3.4/1, Error ellipse: s-maj=36.8km s-min=27.1km az=75.0

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, ISC, Time Res, h m s, Res ISC. Includes stations like TPB13 Reeves - Culbe, TPB11 China Draw, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like BLCB, MANT, ISP, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like PLVB, TRAN, PPH, etc.

Table with columns for station call letters, name, frequency, and other details. Includes stations like VRAC, BIOC, MORC, etc.

31d 6h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IL31, ILAR, H17K, O28M, etc.

KRNET 31 05:51:19.6:0.1, 39.98N, 77.01E, h18km, mb3.9
SOME 31 05:51:20.4, 40.05N, 77.10E, h5km, mb3.9
ISC 31 05:51:22.9:1.1, 6.40:07N, 107.76:92E, 0.05, h10km, n37,

Main table of station data for the 31-day period, including station names, coordinates, and observation times.

ISK 31 06:03:38.8, 35.09N, 27.85E, h5km, ML3.1/13
IDC 31 06:03:38.7:1.1, 35.23N, 27.84E, h0km, mb3.7/6,
mbtmp3.6/10, ML3.1/4, Error ellipse: s-maj=23.6km
s-min=19.1km az=167.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KARP, KSS1, ARG.

2020 JAN

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

AKAS Kas 1.77 49 Ph Pn 06 04 12.4 -0.6
DALY Dalyan (Mula) 1.83 18 Ph Pn 06 04 12.9 +1.5
NPS Neapolis 1.93 276 P P 06 04 15.4 -0.3

Main table of station data for the 2020 January period, including station names, coordinates, and observation times.

TAP 31 06:09:38.6, 24.84N, 122.06E, h12km, ML4.4, C
NIED 31 06:09:39.1, 24.83N, 122.01E, h46km, MW4.6, Moment
Tensor Solution, s1 Moment tensor, Scale 10^15Nm;

BUI 31 06:09:39.0, 24.86N, 122.05E, h10km, mb4.8/21, mb4.2/51,
ML4.5/10, Ms4.3/63, Ms7.4/3/61
JMA 31 06:09:39.1:0.2, 24.81N, 122.0E:0.6, h46km, 4km,
MD4.5/12, MV3.9/12, TAIWAN REGION

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EGS, EGS, TWB1, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YM01, YM01, YM08, etc.

YM01 YM01 0.55 306 P Pb 06 09 50.5 -1.3
YM08 YM08 0.56 310 P Pb 06 09 50.4 -1.6
LATG Datong 0.56 239 eP Pg 06 09 50.0 -1.0

Main table of station data for the 2020 January period, including station names, coordinates, and observation times.

SSLB Suanglung 1.44 225 P Pb 06 10 05.5 -1.4
SSLB Suanglung 1.44 225 eS Pg 06 10 05.6 -1.4
SSLB Suanglung 1.44 225 eS Pg 06 10 05.6 -1.4

WABRT Fenglin Townsh 1.26 249 eP Pg 06 10 02.1 -1.6
WABRT Fenglin Townsh 1.26 249 eP Pg 06 10 02.1 -1.6
WABRT Fenglin Townsh 1.26 249 eP Pg 06 10 02.1 -1.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EGBN, TWFI, YULI, etc.

31d 7h

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Styx River, Holitna River, Ungalikthiuk R, etc.

2020 JAN

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Zalesovo Beam, Kurchatov Arra, Makanchi Array, etc.

2298

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Kuskokwak Cree, Sheep Creek Mo, Chitina, Valde, etc.

31d 8h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ZALV, FINES, ARCES, TORD.

SSNC 31 07:24:31.0.0.4, 19.20N:79.73W, h20km, 2km, MD3.5, ML2.7, Presumed earthquake

Main table for 31d 8h with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations and their data.

SOME 31 07:35:03.5, 39.85N:76.78E, h15km, NNC 31 07:35:04.8:1.5, 39.94N:77.05E, h0km, mb4.0, mpv3.8

KRNET 31 07:35:05.9:0.1, 40.00N:77.06E, h20km, mb3.7

ISC 31 07:35:07.8:2.1, 40.07N:0.08:77.09E, h0km, mb1.2km, n5.4, f128/81, 24C-13D, Kyrgyzstan-Xinjiang border region

Main table for 31d 8h (continued) with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations and their data.

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Main table for 2020 JAN with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations and their data.

IDC 31 07:47:19.9:2.4, 6.10S:130.52E, h0km, mb3.1/1, mbmt3.3/4, ML3.4/3, Error ellipse: s-maj=85.1km

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like FITZ, WRA, ASAR, MKAR.

NEIC 31 07:54:44.7:1.2, 2.24S:0.1x179.9W:0.1, h508km, 7km, mb4.3/19, Error ellipse: s-maj=19.9km s-min=15.9km

IDC 31 07:54:44.7:3.4, 25.05S:179.96W, h515km, 35km, mb3.4/8, mbmt4.3/10, Error ellipse: s-maj=29.4km s-min=25.1km az=150.0

NOU 31 07:54:45.3, 24.99S:179.98W, h454km, mb4.2/12, South of Fiji Islands

ISC 31 07:54:43.9:0.5, 24.83S:0.06:179.9W:0.1, h496km, n84, f184/97, mb4.2/19, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like GLKZ, MSVF, IAYE, DGTI, MARNC, MARNC, OUZ, PINNC, WCZ, WATNC, KUZ.

2300

Main table for 2300 with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations and their data.

IDC 31 08:13:49.4:16.0, 18.32N:81.35W, h0km, mb3.3/3, mbmt3.3/3, MS3.0/1, Error ellipse: s-maj=372.2km s-min=91.4km az=176.0

SSNC 31 08:13:54.9:0.3, 18.51N:81.60W, h23km, 8km, MD3.5, ML3.2, Presumed earthquake

ISC 31 08:13:54.2:1.3, 18.70N:0.09:81.37W:0.06, h14km, n13, f197/21, mb3.6/3, 1D, North of Honduras

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like LCCY, LCCY, LCCY, CBCY, CBCY, CBCY, MGUV, MGUV, MGUV.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like MILAS, ELL, AKUM, CAEL, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like GERES, SOTA, KHC, KHT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like SABU, NPS, BODR, etc.

AFAD 31 08:41:41.5, 34.84N, 28.00E, h7km, 4km, ML3.3
IDC 31 08:41:45.9, 1.1, 35.28N, 27.99E, h0km, mb, 0/0,
mbmp3.9/13, ML3.5/5, MS3.4/2, Error ellipse:
s-maj=21.0km s-min=18.6km az=3.0
ISK 31 08:41:48.0, 35.19N, 28.02E, h2km, 2km, ML3.5/13
HLW 31 08:41:48.0, 35.19N, 28.02E, h2km, 2km, ML3.6/5
ATH 31 08:41:51.9, 35.34N, 27.87E, h13km, 4km, ML3.4/5,
Manual Solution by A.Moschou First location: 2020/01/31
08:43:13. This location: 2020/01/31 08:55:29 ML
Amplitudes are expressed in micrometers. All distances
are expressed in degrees Latitude uncertainty: 4 km;
Longitude uncertainty: 3 km
THE 31 08:41:52.2, 35.1N, 27.8E, h1.8, h0km, 19km, M3.3/13,
MLh3.3/13
ISC 31 08:41:46.8, 1.3, 35.17N, 28.00E, 0.02, h11km, 8km,
n73, r1940/86, mb3.8/7, Dodecanese Islands

SSNC 31 09:08:44.2, 0.6, 19.37N, 78.84W, h18km, 5km, MD3.6,
ML2.7, Presumed earthquake
JSN 31 09:08:46.4, 0.9, 19.48N, 78.48W, h30km, 999km, MD3.9,
Presumed earthquake
ISC 31 09:08:41.6, 1.9, 19.38N, 0.06E, 78.82W, 0.04, h23km, 18km,
n18, r1937/29, 3C-2D, Cuba region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KARP, KARF, KASS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like CBBY, LCCY, MTDJ, etc.

31d 9h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MARVS, MGUV, MGVI, etc.

IDC 31 09:13:09.5:1.4,3.08S:146.35E,h0km,mb3.9/5, mbtmp3.9/6,ML1.6/1,MS3.4/6,Error ellipse: s-maj=57.8km s-min=22.9km az=101.0

ISC 31 09:13:14.7:1.2,3.25S:101.146E:0.3,h35km,n11, c=69.6,mb3.8/4,MS3.3/3,Bismarck Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG, HNR, GUMO, etc.

SSNC 31 09:28:12.5:0.4,19.04N:80.34W,h21km,3km,MD3.8, ML2.6,1C-2D,Presumed earthquake,Cuba region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LCCY, CBOY, MTDJ, etc.

2020 JAN

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

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

2304

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

2305

Table with columns for station name, frequency, power, and other technical details. Includes stations like Inuyama, HeiHe, ZEA, YAK, JMN, etc.

2020 JAN

Table with columns for station name, frequency, power, and other technical details. Includes stations like Arctic Creek, Nome, Kukukwak Cree, etc.

31d 9h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Shalerruckio Mo, Shalerruckik Mo, etc.

31d 9h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like AKKB, KIEV, AK01, etc.

2020 JAN

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MLR, MDH, PSZ, etc.

2308

Table with columns for station name, frequency, mode, and signal strength. Includes stations like HNVL, BOVS, WATA, etc.

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Res. Includes station names like EGGS, TWB1, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like NDS Dongshan, TWE Neicheng, TNOU National Taiwa, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like MASBT Mashibuluo, MASBT P'eng-hu, XPSS Dashiung, etc.

IDC 31 09:46:07.3±2.7, 10:53N×126:64E, h0km, mb3.7/5, mbtmp3.7/5, Error ellipse: s-maj=255.2km

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr, etc.

IDC 31 10:31:19.2±0.8, 36:92N×24:24W, h0km, mb4.0/15, mbtmp4.1/15, MS3/4/28, Error ellipse: s-maj=23.6km

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PSMN Pico do Norte, PSMN Pico Bartolome, BART Pico Bartolome, etc.

IDC 31 10:31:20.5±1.4, 37:00N×0:06E, 24:30W, h0.4km, mb6.9km, n149, r183/132, mb4.6/46, MS3/4/28, Azores Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PSMN Pico do Norte, PSMN Pico Bartolome, BART Pico Bartolome, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PBDV Barranco-do-Ve, PCAB Cabril, MTE Manteigas, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BMAR, D22K, KMI2, HHC, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like AAK, AAK, AAK, AAK, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like SOEI, SOEI, DBNI, BANI, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like IDC, K31, KK31, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like DAV, DAV, DAV, DAV, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like NGJI, DRD, SJI, etc.

31d 11h

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like UZB, MAKZ, KPSK, etc.

2020 JAN

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

2314

Table with columns: Station Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like LPAZ, LPAZ, SSNC 31, etc.

31d 11h

BPAW	Bear Paw Mtn.	8.35	355	P	Pn	11 27 37.2	-1.4
R32K	Eaglecrest	8.41	67	P	Pn	11 27 38.4	-0.9
JIS	Junes Island	8.48	67	P	Pn	11 27 40.4	-2.8
N30M	Aishkik Lake	8.49	43	P	Pn	11 27 40.3	-0.2
N30M	Aishkik Lake	8.49	43	P	Pn	11 27 40.5	-0.1
O30N	Mendenhall	8.52	49	Pn	Pn	11 27 40.8	-0.2
O30N	Mendenhall	8.52	49	Pn	Pn	11 27 40.7	-0.2
J18K	Innok River	8.54	337	P	Pn	11 27 39.3	-1.8
J18K	Innok River	8.54	337	P	Pn	11 27 39.3	-1.8
SSBA	Shishaldin	8.55	269	Pn	Pn	11 27 39.5	-1.7
SCRK	Sand Creek	8.60	16	P	Pn	11 27 42.5	+0.5
SCRK	Sand Creek	8.60	16	P	Pn	11 27 42.0	0.0
L15K	Ungalak Moun	8.64	318	P	Pn	11 27 42.1	-0.4
L15K	Ungalak Moun	8.64	318	P	Pn	11 27 42.0	-0.5
M29M	Somme Creek	8.65	35	P	Pn	11 27 42.7	0.0
M29M	Somme Creek	8.65	35	P	Pn	11 27 42.8	+0.1
HDA	Harding Lake	8.69	7	P	Pn	11 27 43.3	+0.1
HDA	Harding Lake	8.69	7	P	Pn	11 27 43.7	+0.5
WRH	Wood River Hill	8.70	3	Pn	Pn	11 27 43.1	-0.2
J20K	Nowinta River	8.73	346	P	Pn	11 27 42.3	-1.4
J20K	Nowinta River	8.73	346	P	Pn	11 27 42.3	-1.4
M13K	Dall Lake	8.75	307	P	Pn	11 27 43.9	-0.1
M13K	Dall Lake	8.75	307	P	Pn	11 27 43.9	-0.1
J19K	Poorman	8.79	341	Pn	Pn	11 27 42.6	-1.9
J19K	Poorman	8.79	341	Pn	Pn	11 27 42.9	-1.7
NEA2	Nenana	8.80	1	Pn	Pn	11 27 43.6	-1.1
NEA2	Nenana	8.80	1	Pn	Pn	11 27 44.0	-0.7
CCB	Clear Creek Bu	8.88	4	Pn	Pn	11 27 45.5	+0.3
L14K	Kulka Creek	8.92	314	P	Pn	11 27 46.3	+0.1
L14K	Kulka Creek	8.92	314	P	Pn	11 27 46.0	-0.2
WHY	Whitehorse	8.99	51	Pn	Pn	11 27 47.1	-0.3
WHY	Whitehorse	8.99	51	Pn	Pn	11 27 47.4	0.0
N31M	Braeburn, Yuko	9.03	46	Pn	Pn	11 27 48.0	+0.2
N31M	Braeburn, Yuko	9.03	46	Pn	Pn	11 27 48.0	+0.2
J25K	Salcha River,	9.03	11	Pn	Pn	11 27 47.5	-0.4
J25K	Salcha River,	9.03	11	Pn	Pn	11 27 48.1	+0.2
K15K	Wolf Creek Mou	9.04	321	Pn	Pn	11 27 47.9	-0.1
K15K	Wolf Creek Mou	9.04	321	Pn	Pn	11 27 46.4	-1.7
IL31	Eielson Array	9.06	6	Pn	Pn	11 27 48.0	-0.1
ILAR	Eielson Array	9.06	6	Pn	Pn	11 27 47.1	-1.0
ILAR	Eielson Array	9.06	6	Pn	Pn	11 29 24.7	-5.1
ILAR	Eielson Array	9.06	6	Pn	Pn	11 31 27.2	
ILAR	Eielson Array	9.06	6	Pn	Pn	11 27 47.8	-0.4
ILAR	Eielson Array	9.06	6	Pn	Pn	11 27 47.8	-0.4
U33K	Whale Pass	9.06	81	Pn	Pn	11 27 43.6	-4.6
U33K	Whale Pass	9.06	81	Pn	Pn	11 27 44.3	-3.9
J17K	VABM Dome	9.07	331	Pn	Pn	11 27 46.6	-1.8
J17K	VABM Dome	9.07	331	Pn	Pn	11 27 46.6	-1.8
COLA	College	9.11	4	Pn	Pn	11 27 48.9	0.0
COLA	College	9.11	4	Pn	Pn	11 27 48.9	0.0
COLA	College	9.11	4	Pn	Pn	11 27 48.9	+1.0
P32M	Atlin	9.13	59	Pn	Pn	11 27 48.0	-1.4
P32M	Atlin	9.13	59	Pn	Pn	11 27 48.4	-0.9
CRAG	Craig	9.14	86	Pn	Pn	11 27 45.0	-4.3
CRAG	Craig	9.14	86	Pn	Pn	11 27 49.6	+0.3
J26L	Joseph Creek	9.15	16	Pn	Pn	11 27 49.7	+0.1
J26L	Joseph Creek	9.15	16	Pn	Pn	11 27 49.7	+0.1
L29M	L29M	9.23	33	Pn	Pn	11 27 50.7	0.0
L29M	L29M	9.23	33	Pn	Pn	11 27 50.6	-0.1
M30M	Minto, Yukon	9.30	38	Pn	Pn	11 27 51.2	-0.4
M30M	Minto, Yukon	9.30	38	Pn	Pn	11 27 51.5	-0.1
I23K	Minto, Yukon-K	9.36	360	Pn	Pn	11 27 51.9	-0.4
I23K	Minto, Yukon-K	9.36	360	Pn	Pn	11 27 52.1	-0.2
I20K	Naaghedeneel	9.36	346	Pn	Pn	11 27 52.5	+0.1
I20K	Naaghedeneel	9.36	346	Pn	Pn	11 27 51.4	-0.9
POKR	Poker Plat Res	9.37	5	Pn	Pn	11 27 53.2	+0.8
POKR	Poker Plat Res	9.37	5	Pn	Pn	11 27 52.7	+0.2
J16K	Anvik River	9.43	327	P	Pn	11 27 52.1	-1.2
J16K	Anvik River	9.43	327	P	Pn	11 27 51.8	-1.4
WRAK	Wrangell Islan	9.47	79	Pn	Pn	11 27 53.6	-0.3
I21K	Tanana	9.48	353	Pn	Pn	11 27 52.8	-1.2
I21K	Tanana	9.48	353	Pn	Pn	11 27 53.6	-0.4
DAWY	Dawson	9.63	27	Pn	Pn	11 27 55.9	-0.2
DAWY	Dawson	9.63	27	Pn	Pn	11 27 55.7	-0.3
AHB	Akutun Harbor	9.67	267	Pn	Pn	11 27 54.5	-2.1
G32M	Nakina River	9.70	64	Pn	Pn	11 27 55.9	-1.3
G32M	Nakina River	9.70	64	Pn	Pn	11 27 56.7	-0.5
GCSA	Galena City Sc	9.71	340	Pn	Pn	11 27 55.4	-1.7
GCSA	Galena City Sc	9.71	340	Pn	Pn	11 27 55.4	-1.7
P33M	Teslin, Yukon	9.76	56	Pn	Pn	11 27 57.0	-0.9
P33M	Teslin, Yukon	9.76	56	Pn	Pn	11 27 56.8	-1.1
PRP	Porcupine Dome	9.90	9	Pn	Pn	11 28 00.3	+0.4
PRP	Porcupine Dome	9.90	9	Pn	Pn	11 27 60.0	+0.1
I17K	Unalakleet	9.91	329	P	Pn	11 27 58.9	-0.9
I17K	Unalakleet	9.91	329	P	Pn	11 27 58.9	-0.9
K29M	Barlow Dome	9.96	31	Pn	Pn	11 28 01.1	+0.3
K29M	Barlow Dome	9.96	31	Pn	Pn	11 28 00.8	+0.1
M31M	Drury Creek, Y	9.97	44	Pn	Pn	11 28 01.3	+0.6
M31M	Drury Creek, Y	9.97	44	Pn	Pn	11 28 01.0	+0.2
N32M	Quiet Lake	10.00	51	Pn	Pn	11 28 01.0	-0.2
N32M	Quiet Lake	10.00	51	Pn	Pn	11 28 01.0	-0.2
V35K	Ketchikan	10.01	86	P	Pn	11 28 00.4	-0.8
H21K	Melozitna Rive	10.02	352	P	Pn	11 28 01.1	-0.2
K13K	Kusilvak Mount	10.03	314	P	Pn	11 28 01.5	0.0
M11K	Mekoryuk	10.05	304	Pn	Pn	11 28 00.9	-1.0
M11K	Mekoryuk	10.05	304	Pn	Pn	11 28 00.7	-0.8
J14K	Nanvaranak Lak	10.06	319	P	Pn	11 28 01.0	-1.0
H24K	Noodor Dome	10.07	3	P	Pn	11 28 02.6	+0.4
H20K	Antoleneega M	10.08	347	P	Pn	11 28 00.6	-1.6
UNV	Unalaska Valle	10.14	266	Pn	Pn	11 28 01.0	-2.0
UNV	Unalaska Valle	10.14	266	Pn	Pn	11 28 00.7	-2.3
S34M	Telegraph Cree	10.14	71	Pn	Pn	11 28 02.4	-0.7
H22K	Ishlitalina Cre	10.16	355	Pn	Pn	11 28 03.0	-0.2
H22K	Ishlitalina Cre	10.16	355	Pn	Pn	11 28 02.5	-0.8
J29N	Klondike Camp	10.24	28	Pn	Pn	11 28 04.9	+0.4
J29N	Klondike Camp	10.24	28	Pn	Pn	11 28 04.8	+0.3
MAYO	Mayo, Yukon	10.29	35	Pn	Pn	11 28 05.6	+0.5
MAYO	Mayo, Yukon	10.29	35	Pn	Pn	11 28 05.5	+0.5

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H19K	Roundabout Mou	10.35	343	P	Pn	11 28 04.9	-0.9
H18K	Honhosa River	10.37	338	P	Pn	11 28 05.6	-0.5
R33M	Jennings River	10.44	62	P	Pn	11 28 06.3	-0.9
I27K	Kandik River	10.49	18	Pn	Pn	11 28 08.2	+0.3
I27K	Kandik River	10.49	18	Pn	Pn	11 28 07.5	-0.4
H17K	Granite Moun	10.54	335	P	Pn	11 28 07.2	-1.2
T35M	Bob Quinn	10.60	76	Pn	Pn	11 28 08.2	-1.1
T35M	Bob Quinn	10.60	76	Pn	Pn	11 28 09.7	+0.3
I28M	Miner Creek	10.67	21	Pn	Pn	11 28 11.0	+0.6
I28M	Miner Creek	10.67	21	Pn	Pn	11 28 10.6	+0.2
DLBC	Dease Lake	10.77	68	Pn	Pn	11 28 10.6	-1.1
DLBC	Dease Lake	10.77	68	Pn	Pn	11 30 07.5	-4.5
DLBC	Dease Lake	10.77	68	Pn	Pn	11 31 37.4	
DLBC	Dease Lake	10.77	68	Pn	Pn	11 28 11.4	-0.4
U35K	Hyder	10.81	82	P	Pn	11 28 13.4	+1.2
J30M	Hart River	10.86	31	Pn	Pn	11 28 14.1	+1.1
J30M	Hart River	10.86	31	Pn	Pn	11 28 13.8	+0.8
G21K	Allakaket	10.92	351	Pn	Pn	11 28 12.9	-0.8
G21K	Allakaket	10.92	351	Pn	Pn	11 28 13.4	-0.3
G23K	Bananza Creek	10.94	358	Pn	Pn	11 28 13.4	-0.5
G23K	Bananza Creek	10.94	358	Pn	Pn	11 28 13.6	-0.3
G24K	Hadweencic Riv	10.95	4	Pn	Pn	11 28 14.8	+0.7
G24K	Hadweencic Riv	10.95	4	Pn	Pn	11 28 14.5	+0.4
FYU	Fort Yukon	10.95	9	Pn	Pn	11 28 14.1	0.0
I29M	Ogilvie Camp,	10.96	25	Pn	Pn	11 28 14.9	+0.7
I29M	Ogilvie Camp,	10.96	25	Pn	Pn	11 28 14.4	+0.2
G19K	Purcell Moun	11.02	343	Pn	Pn	11 28 15.2	+0.2
G19K	Purcell Moun	11.02	343	Pn	Pn	11 28 14.0	-1.0
G18K	Tagagawik	11.08	340	Pn	Pn	11 28 15.0	-0.8
G18K	Tagagawik	11.08	340	Pn	Pn	11 28 14.7	-1.1
H27K	Steamboat Moun	11.09	16	Pn	Pn	11 28 16.1	+0.1
H27K	Steamboat Moun	11.09	16	Pn	Pn	11 28 15.8	-0.1
G17K	Kiwalik Moun	11.18	335	Pn	Pn	11 28 16.3	-0.9
HG4B	Hot Springs	11.19	101	Pn	Pn	11 28 18.5	+1.1
G22K	Bettles	11.19	355	Pn	Pn	11 28 17.0	-0.4
I30M	Mount Dempster	11.34	29	Pn	Pn	11 28 19.8	+0.2
COLD	Coldfoot	11.46	358	Pn	Pn	11 28 20.0	-1.0
COLD	Coldfoot	11.46	358	Pn	Pn	11 28 20.3	-0.7
G26K	Porcupine Rive	11.46	11	Pn	Pn	11 28 21.1	0.0
G16K	Koyuk River	11.52	332	Pn	Pn	11 28 20.5	-1.4
G16K	Koyuk River	11.52	332	Pn	Pn	11 2	

M02C	Callahan	22.47	119	I	Amb	11 30 59.1
KMPM	Mount Pierce	22.60	122	I	Amb	11 30 48.7
KHBM	Hayfork	22.85	121	I	Amb	11 30 50.4
N02D	Trinity Center	22.86	119	I	Amb	11 30 51.0
BMO	Blue Mountains	22.95	105	I	Amb	11 30 51.0
BMO	Blue Mountains	22.95	105	P	P	11 30 42.3 +0.5
KMRM	Mali Ridge	22.95	122	I	Amb	11 30 57.8
J08A	Circle Bar	23.31	109	I	Amb	11 31 03.9
O02D	Mt. Diablo Mer	23.43	121	I	Amb	11 30 57.0
KCPM	Cahto Peak	23.43	123	I	Amb	11 30 56.3
PLID	Pearl Lake	23.52	103	I	Amb	11 31 12.4
BILL	Bilbino	23.59	319	P	P	11 30 47.2 -0.7
BILL	Bilbino	23.59	319	P	P	11 30 47.7 -0.2
HATC	Hat Creek Radi	23.59	118	I	Amb	11 31 09.2
MSO	Missoula	23.60	97	I	Amb	11 30 59.4
W03E	Paynes Creek	23.82	119	P	P	11 30 50.5 +0.1
UVOR	Wild Horse Val	23.87	111	I	Amb	11 31 10.3
VWOR	Wild Horse Val	23.87	111	P	P	11 30 52.1 +1.2
ORV	Oroville	24.54	120	I	Amb	11 31 05.1
MNRC	McLaughlin Min	24.61	122	I	Amb	11 31 16.4
SUTB	Sutter Butte	24.65	121	I	Amb	11 31 06.0
CVS	Carment Viney	25.03	123	I	Amb	11 31 11.3
EGMT	Eagleton	25.29	91	I	Amb	11 31 11.9
HLID	Halley	25.37	104	I	Amb	11 31 15.0
BCYI	Bear Canyon	25.44	102	I	Amb	11 31 27.4
PAHR	Pah Rah Range	25.47	117	I	Amb	11 31 14.6
YHL	Hebgen Lake	26.33	98	I	Amb	11 31 25.7
YHB	Horse Butte	26.39	99	I	Amb	11 31 23.0
FFC	Flin Flon	26.55	72	P	P	11 31 15.7 +0.6
FFC	Flin Flon	26.55	72	P	P	11 31 15.7 +0.6
YHH	Holmes Hill	26.56	98	P	P	11 31 15.4 -0.2
YMR	Madison River	26.57	99	I	Amb	11 31 39.2
YNR	Norris Junctio	26.70	98	I	Amb	11 31 30.3
SAO	San Andreas Ge	26.77	124	P	P	11 31 17.4 +0.2
SAO	San Andreas Ge	26.77	124	P	P	11 31 17.4 +0.2
YFT	Old Faithful	26.78	99	I	Amb	11 31 33.3
ELK	Elko	26.86	110	P	P	11 31 19.2 +0.9
ELK	Elko	26.86	110	P	P	11 34 41.9 +1.5
ELK	Elko	26.86	110	I	Amb	11 40 08.0
YNE	Yellowstone No	26.89	97	P	P	11 31 18.0 -0.6
LKWY	Lake	26.95	98	I	Amb	11 31 44.0
H17A	Grant Village	26.96	99	P	P	11 31 18.9 -0.2
H17A	Grant Village	26.96	99	I	Amb	11 31 46.6
NVAR	Mina Array Bea	26.99	117	P	P	11 31 20.8 +1.4
NVAR	Mina Array Bea	26.99	117	P	P	11 34 42.0 +1.4
NVAR	Mina Array Bea	26.99	117	I	Amb	11 40 08.5
NVAR	Mina Array Bea	26.99	117	P	P	11 31 20.6 +1.2
LHV	Little Hooton	27.03	118	I	Amb	11 31 20.0 +0.5
NV11	Mina Array Sit	27.06	117	I	Amb	11 31 29.1
FLWY	Flagg Ranch	27.09	99	I	Amb	11 31 41.1
BLKN	Baker Lake	27.11	50	P	P	11 31 20.0 0.0
MDPB	Devils Postpil	27.22	119	I	Amb	11 31 31.0
RES	Resolute Bay	27.27	127	LR	LR	11 41 14.5
DSP	Deep Springs	27.98	118	I	Amb	11 31 37.8
LAO	LASA Array	28.03	91	I	Amb	11 31 37.8
TIN	Tinmahua, Big	28.09	119	I	Amb	11 31 39.5
DUG	Dugway, Tooele	28.55	108	P	P	11 31 34.8 +1.5
GRAC	Grapevine Rang	28.57	118	I	Amb	11 31 43.1
PDAR	Pinedale Array	28.57	100	P	P	11 31 34.5 +0.9
PDAR	Pinedale Array	28.57	100	P	P	11 34 46.3 +1.9
PDAR	Pinedale Array	28.57	100	I	Amb	11 42 17.6
PDAR	Pinedale Array	28.57	100	P	P	11 31 33.3 -0.3
TCUT	Toone Canyon	28.65	105	I	Amb	11 31 49.5
S11A	Rache	28.69	115	I	Amb	11 31 48.3
WC2	Wildcat Mounta	29.10	117	I	Amb	11 31 47.4
TPNV	Topopah Spring	29.12	116	I	Amb	11 31 48.0
FURC	Furnace Creek,	29.23	118	I	Amb	11 31 48.7
FCC	Fort Churchill	29.25	61	P	P	11 31 39.5 +0.4
FCC	Fort Churchill	29.25	61	P	P	11 31 42.3
FCC	Fort Churchill	29.25	61	P	P	11 31 39.5 +0.4
PRN	Patroc Range	29.43	114	P	P	11 31 42.2 +1.1
GWY	Greenwater Val	29.53	118	I	Amb	11 31 51.2
SEY	Seymchan	29.59	308	I	Amb	11 31 42.4 +0.3
LRMC	Laurel Mtn Rad	29.61	120	P	P	11 31 43.4 +0.7
LRMC	Laurel Mtn Rad	29.61	120	I	Amb	11 31 51.5
QSM	Queen of Sheba	29.63	118	P	P	11 31 42.5 -0.2
CCCA	Chr Cany lake	29.73	120	I	Amb	11 31 53.0
PET	Petropavlovsk	29.84	287	P	P	11 31 43.8 -0.6
PET	Petropavlovsk	29.84	287	P	P	11 31 45.0 +0.6
PET	Petropavlovsk	29.84	287	P	P	11 31 45.6 +1.2
TCRU	Three Creeks R	29.89	110	I	Amb	11 31 55.0

SHOC	Shoshone, Teco	29.97	118	I	Amb	11 32 02.0
CCUT	Cedar City	30.19	112	I	Amb	11 31 57.2
SZCU	Shurtz Canyon	30.30	112	I	Amb	11 31 57.9
PEA0B	Petropavlovsk-	30.32	287	eP	P	11 31 48.8 +0.1
PETK	Petropavlovsk-	30.32	287	P	P	11 31 49.1 +0.4
PETK	Petropavlovsk-	30.32	287	P	P	11 31 47.3 -1.4
Q16A	Castle Valley	30.35	108	I	Amb	11 31 58.8
PASC	Pasaden Valley	30.43	122	I	Amb	11 31 58.7
MWC	Mount Wilson	30.44	122	I	Amb	11 31 59.2
MTPU	Mount Pierson	30.45	110	I	Amb	11 32 07.6
BFSO	Mount Baldy Ra	30.62	122	I	Amb	11 32 01.6
MTPC	Mountain Pass	30.66	117	I	Amb	11 32 01.3
RSSD	Black Hills	30.80	93	P	P	11 31 53.1 -0.1
RSSD	Black Hills	30.80	93	P	P	11 32 02.2
RSSD	Black Hills	30.80	93	P	P	11 31 53.1 -0.1
PKCU	Pink Cliffs	30.82	111	I	Amb	11 32 03.4
V12A	Nelson	30.82	116	I	Amb	11 32 03.0
KNB	Kanab	30.88	112	I	Amb	11 32 03.4
O20A	White River Ci	31.08	103	I	Amb	11 32 04.5
MA2	Magadan	31.31	302	LR	LR	11 46 12.6
MA2	Magadan	31.31	302	P	P	11 31 57.9 +0.5
MA2	Magadan	31.31	302	P	P	11 31 58.7 +1.4
MA2	Magadan	31.31	302	P	P	11 31 58.6 +1.3
U15A	North Rim	31.60	112	I	Amb	11 32 09.8
NEE2	Needle Airpor	31.70	117	I	Amb	11 32 10.0
PFO	Pinyon Flats O	31.71	121	LR	LR	11 43 04.9
PFO	Pinyon Flats O	31.71	121	P	P	11 32 00.6 -0.7
PFO	Pinyon Flats O	31.71	121	P	P	11 32 09.9
PFO	Pinyon Flats O	31.71	121	eP	P	11 32 01.7 +0.4
PMD	Palm Desert	31.72	121	P	P	11 32 00.4 -0.8
PV21	Cone Mtn., Par	31.79	106	I	Amb	11 32 17.7
W13A	Hualapai Mount	31.80	116	I	Amb	11 32 11.6
ULM	Lac du Bonnet	31.89	77	P	P	11 32 02.5 -0.1
ULM	Lac du Bonnet	31.89	77	LR	LR	11 43 03.3
PV14	Lion Creek, Pa	31.90	106	I	Amb	11 32 23.2
PV22	Blue Mesa, Par	31.91	106	I	Amb	11 32 11.8
IRM	Iron Mountain	31.92	118	I	Amb	11 32 12.3
ILON	Igloolik, Nuna	31.93	38	P	P	11 32 02.7 0.0
PV04	Paradox Valley	31.95	106	I	Amb	11 32 12.3
PV20	West Nywonger	31.95	106	I	Amb	11 32 13.2
DPP	Dos Picos Cit	31.98	122	P	P	11 32 03.8 +0.3
PV17	East Wray Mesa	32.00	106	I	Amb	11 32 17.2
PV16	Nywonger Mesa	32.00	106	I	Amb	11 32 24.3
BORC	Borrego Spring	32.01	121	I	Amb	11 32 12.8
PV11	David Mesa, Pa	32.04	106	I	Amb	11 32 18.8
PV07	Paradox Valley	32.06	106	I	Amb	11 32 13.1
PV05	Paradox Valley	32.07	107	I	Amb	11 32 21.4
PV03	Paradox Valley	32.08	106	I	Amb	11 32 13.3
PV13	Radium Mtn., P	32.17	106	I	Amb	11 32 20.6
PV15	Paradox Valley	32.22	106	I	Amb	11 32 20.8
BAR	Barrett	32.32	122	I	Amb	11 32 15.6
POIN	Pond Inlet	32.66	32	P	P	11 32 09.9 +0.8
YUH	Yuma Desert	32.75	121	I	Amb	11 32 19.4
AGMN	Agassiz Natin	32.85	80	I	Amb	11 32 26.6
MVCO	Mesa Verde	33.03	107	I	Amb	11 32 21.5
Y14A	Wickenburg	33.17	116	I	Amb	11 32 23.2
EPLO	Experimental L	33.38	77	I	Amb	11 32 49.1
X18A	Snowflake	33.48	112	I	Amb	11 32 33.2
TULEG	Thule	34.46	24	I	Amb	11 33 41.4
TULEG	Thule	34.46	24	eP	P	11 32 23.8 -0.8
PIX	Pinacate	34.85	119	I	Amb	11 32 38.4
214A	Organ Pipe Nat	34.85	118	I	Amb	11 32 37.8
T25A	Trinidad	35.31	103	I	Amb	11 32 42.0
EYMN	Ely	35.56	78	I	Amb	11 32 49.7
TUC	Tucson	35.59	115	P	P	11 32 35.9 +1.0
TUC	Tucson	35.59	115	P	P	11 32 35.9 +1.0
TASM	ASL Pad, Albuq	35.82	107	I	Amb	11 32 46.1
TASM	ASL Pad, Albuq	35.82	107	I	Amb	11 32 46.1
ANMO	Albuquerque	35.82	107	LR	LR	11 45 18.7
ANMO	Albuquerque	35.82	107	P	P	11 32 36.9 -0.2
ANMO	Albuquerque	35.82	107	eP	P	11 32 38.9 +1.8
TIXI	Tiksi	36.07	328	LR	LR	11 49 45.3
TIXI	Tiksi	36.07	328	P	P	11 32 39.3 +0.8
TIXI	Tiksi	36.07	328	eP	P	11 32 39.4 +0.8
LENM	Lemitar	36.13	109	P	P	11 32 41.7 +2.0
E38A	The Farm, Brul	36.31	80	I	Amb	11 32 41.2 +0.3
E38A	The Farm, Brul	36.31	80	I	Amb	11 33 06.2
CRNM	Carthage	36.42	109	P	P	11 32 41.4 -0.8
SPMN	Marine on St.	36.45	83	P	P	11 32 41.9 -0.2
L34A	Svendsen Farm,	36.49	90	I	Amb	11 32 42.4 -0.2
DAH	Dandelion	36.73	190	P	P	11 32 45.0 0.0
RTBA	Rita Blanca	36.74	102	P	P	11 32 44.8 -0.1
I37A	Lemond, Waseca	36.86	85	I	Amb	11 32 46.1 +0.5
I37A	Lemond, Waseca	36.86	85	I	Amb	11 32 56.2
319A	Douglas	37.10	114	P	P	11 32 47.6 -0.3
319A	Douglas	37.10	114	I	Amb	11 33 09.6

N35A	Tabor	37.64	90	P	P	11 32 52.7 +0.4
KULLO	Kullorsuaq	37.81	26	iP	P	11 32 50.9 -2.4
KULLO	Kullorsuaq	37.81	26	I	Amb	11 32 57.1
G40A	Rib Lake	37.87	81	P	P	11 32 53.9 -0.3
G40A	Rib Lake	37.87	81	I	Amb	11 33 11.2
NEEM	North Greenlan	38.01	21	iP	P	11 32 57.0 +1.7
NEEM	North Greenlan	38.01	21	I	Amb	11 32 58.5
HSIG	Horwalek	38.16	119	P	P	11 32 58.2 +1.5
AMTX	Amarillo	38.47	103	P	P	11 33 00.4 +0.9
AMTX	Amarillo	38.47	103	I	Amb	11 33 08.6
I40A	Muleshoe	38.50	83	P	P	11 32 59.3 -0.2
I40A	Muleshoe	38.50	83	P	P	11 33 00.4 +0.2
NOKA	Waynoka	38.72	98	P	P	11 33 01.5 +0.1
FRB	Frobisher Bay	38.75	45	LR	LR	11 48 55.9
FRB	Frobisher Bay	38.75	45	P	P	11 33 02.8 +1.5
UPNV	Upernivik	38.84	28	iP	P	11 33 04.0 +2.0
UPNV	Upernivik	38.84	28	I	Amb	11 33 05.6
MNTX	Cornudas Mount	38.89	110	P	P	11 33 03.8 +0.9
KAN01	Argonia South	39.00	96	I	Amb	11 33 12.4
TPB11	China Draw	39.42	10			

31d 11h

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like 435B Jarrell, HNDO Hondo, BLO Bloomington, etc.

2020 JAN

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like MJAR Matsushiro Arr, HILR Hailar, HIA Hailar, etc.

2318

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like SIUN Universidad Ur, DGZ Jazzar, TAEO Nuku Hiva Isla, etc.

31d 12h

2020 JAN

2326

Table with columns: ID, Name, Azimuth, Altitude, Date, Time, and other parameters. Includes entries like H17K Granite Mounta, SPCR Spurr Chakacha, M20K Styx River, etc.

Table with columns: ID, Name, Azimuth, Altitude, Date, Time, and other parameters. Includes entries like H24K Noodor Dome, PINM Pinnacle, COLD Goldfot, etc.

Table with columns: ID, Name, Azimuth, Altitude, Date, Time, and other parameters. Includes entries like WTLY Watson Lake, G31M Satah River, F31M Tsihtchic, etc.

AFAD 31 12:39:17.5, 34.94N-27.78E, h8km, 3km, ML3.1
IDC 31 12:39:19.4, 1.0, 35.25N-27.91E, h0km, mb3.8/9,
mbtm3.7/14, ML3.4/5, MS4.7/1, Error ellipse:
s-maj=21.7km s-min=16.0km az=172.0
ATH 31 12:39:22.0, 35.13N-27.91E, h10km, 4km, ML3.3/7,
Manual Solution by K.Orfanogianni First location:
2020/01/31 12:41:19. This location: 2020/01/31 14:14:14
ML Amplitudes are expressed in micrometers, All
distances are expressed in degrees Latitude uncertainty: 1
km; Longitude uncertainty: 1 km
THE 31 12:39:22.6, 35°N; 10x2°E; , h4km; 17km, M3.2/4,
MLH3.2

Table with columns: Code, Station Name, Azimuth, Altitude, Date, Time, and other parameters. Includes entries like KARP Karpathos, DALY Datsun (Mula), SABU Mula-Dalaman, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BULIDAN, GVD, KIRA, etc.

SSNC 31 12:45:02.7±0.4, 19:10N:80:79W, h4km±2km, MD3.7, ML2.8, 4D, Presumed earthquake, Cuba region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like LCCY, CBBY, CBBY, etc.

MASC comp=N,4.2nm,0.5s IAML 12 47 53.7

comp=E,4.4nm,0.6s

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WRA, ASAR, SONM, MKAR.

IDC 31 13:11:56.9±1.8, 13:24N:90:78W, h0km, mb3.5/2, mbtmp3.5/5, ML3.8/3, MS4.2/1, Error ellipse: s-maj=37.3km s-min=28.2km az=54.0

CATAC 31 13:12:00.2, 13°N:3°-9°1'W, h1km±2km, M3.9/19, MLV3.9/19, confirmed

GCG 31 13:12:01.4±2.5, 13:43N:90:93W, h52km±47km, MD4.1, ML4.1, Presumed earthquake

ISC 31 13:12:00.5-1.7, 13:26N:008:90:86W±0.04, h27km±12km, n39, c1541/57, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ESSJ, FAME, FAME, etc.

APG comp=E, 2.8nm, 0.3s, baz=116, slow=8.1, SNR=8.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like APG, MTO3, MTO3, etc.

JTS Las Juntas de 6.49 116 Pn 13 13 33.6 -0.8

TXAR comp=E, 1.1nm, 0.3s, baz=140, slow=8.3, SNR=9.2

NVAR Mina Array Bea 34.94 321 P 13 18 52.6 +2.2

SIV San Ignacio 41.38 134 LR LR 13 36 16.6

ILAR Eielson Array 63.95 337 P 13 22 29.9 -1.0

CMAR Chiang Mai Arr 147.03 343 PKPbc PKPab 13 31 41.9 -1.2

IDC 31 13:18:21.6±1.4, 35:40N:27:89E, h0km, mb3.6/5, mbtmp3.6/6, ML3.0/2, Error ellipse: s-maj=28.3km s-min=20.3km az=164.0

AFAD 31 13:18:23.1, 35:18N:27:68E, h7km±4km, ML2.6, ATH 31 13:18:24.9, 35:25N:28:02E, h10km±3km, ML2.9/7, Manual Solution by F. Xalaris First location: 2020/01/31 13:19:53, This location: 2020/01/31 13:36:03 ML

Amplitudes are expressed in micrometers. All distances are expressed in degrees Latitude uncertainty: 2 km; Longitude uncertainty: 1 km

ISK 31 13:18:25.2, 35:31N:27:02E, h9km, ML3.0/13 THE 31 13:18:26.3, 35:18N:27:8E, h4km±17km, M2.8/12, MLh2.8/12

ISC 31 13:18:23.9±1.3, 35:26N:004:28:02E±0.03, h10km±8km, n57, c128/81, mb3.5/4, Eastern Mediterranean Sea

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

DALY Dulyan (Mula) 1.63 18 Pn Pn 13 18 54.8 -0.5

SABU Mula-Dalaman 1.74 26 P P 13 18 55.6 -0.3

SABU comp=N,4.7nm,0.8s IAML 13 19 32.0 +3.3

YER Yerkesik 1.88 6 Pn Pn 13 18 57.6 -0.8

BODT Bodrum 1.88 343 Pn Pn 13 18 57.2 +1.0

YER Yalikavak-Bodr 1.95 342 Pn Pn 13 18 57.9 +0.8

NPS Neapolis 1.97 271 Pn Pn 13 18 58.7 +1.3

NPS Neapolis 1.97 271 Pn Pn 13 18 58.4 +1.1

NPS Neapolis 1.97 271 Pn Pn 13 19 23.2 +1.0

CAMEL Camel-Denizli 1.97 31 Pn Pn 13 18 59.9 -0.1

MULIA-Mulia-Seydike 2.02 38 P P 13 19 00.1 -0.7

MLSB Milas 2.04 355 Pn Pn 13 18 59.9 +1.6

CAEL Denizli, Camel 2.13 29 P P 13 18 58.8 -1.0

CAEL comp=N,92nm,1.0s DENIZLI_Tavas 2.31 18 P S Pn 13 19 03.8 +1.6

TAVA TAVA comp=N,40nm,1.1s IAML 13 19 33.0 +2.2

GOLH Golhisar 2.33 32 P S Pn 13 19 05.7 -0.4

GOLH comp=E,56nm,0.5s THERA Ancient Thera 2.34 299 P Pn 13 19 03.2 +0.0

THERA Ancient Thera 2.34 299 P S Pn 13 19 03.7 +1.2

THERA Ancient Thera 2.34 299 P S Pn 13 19 30.3 +1.7

AYDN Tasoluk 2.40 357 S S Pn 13 19 04.3 +1.0

AYDN comp=E,44nm,0.6s THR3 Thira Island, 2.42 299 P Pn 13 19 04.7 +1.2

THR3 Thira Island, 2.42 299 P Pn 13 19 04.7 +1.2

SNTS Nea Kammeni, S 2.42 299 P Pn 13 19 05.2 +1.7

SNTS Santorini-A, 2.42 298 P Pn 13 19 04.6 +1.0

DNIZ Denizli-Tavas- 2.50 19 P S Pn 13 19 02.5 -2.2

DNIZ Aydn-Nazilli 2.54 6 P S Pn 13 19 06.3 -0.9

ESEN comp=E,28nm,0.9s IDI Anoyia 2.56 271 Pn Pn 13 19 06.7 +1.2

SMG Samos 2.62 339 P Pn 13 19 06.7 +0.4

SMG Samos 2.62 339 P Pn 13 19 10.1 +0.6

SULTU Buldan 2.85 12 S S Pn 13 19 47.3 +3.3

SULTU comp=E,32nm,1.0s VAM Yavuz 3.12 274 P Pn 13 19 15.2 +2.0

IMMV Iera Momi Meta 3.31 275 P Pn 13 19 17.5 +1.6

IMMV Iera Momi Meta 3.31 275 P Pn 13 19 17.0 +1.3

CHOS Chios island 3.49 334 P Pn 13 19 21.1 +0.8

AKMS Akamas 3.55 93 P Pn 13 19 20.1 +1.1

ALFC Alefka 3.75 90 P Pn 13 19 23.1 +1.2

NATA Mount Meron Ar 6.52 108 Pn Pn 13 19 32.1 +0.8

BRTR 0.1nm, 0.3s, baz=215, slow=15, SNR=1.9 6.52 108 Pn Sn 13 21 11.2 +1.9

MMAI Mount Meron Ar 6.52 108 Pn Pn 13 19 59.2 -0.7

MMAI 2.1nm, 0.3s, baz=299, slow=24, SNR=4.2 6.52 108 Pn Sn 13 21 16.4 +1.9

ESDC Sonseca Array 25.69 289 P 13 23 51.8 -2.4

FINES FINESS Array B 26.23 358 P 13 23 56.6 -2.1

HFS Hagfors 26.57 344 P 13 23 58.8 -3.0

TORD Torodi Ar. Bea 32.39 234 P 13 24 53.6 -0.4

MKAR Makanchi Array 41.76 57 P 13 26 13.9 +0.5

NEIC 31 13:28:53.1±2.2, 25:82S:0:03:69:3W±0.1, h135km±8km, mbtmp3.2/2km az=75.0

SJA 31 13:28:53.7±0.7, 25:79S:69:29W, h118km±4km, ML4.1, MW4.1, VAO 31 13:28:53.6±0.7, 25:82S:69:15W, h115km±5km, mb4.1, Presumed earthquake

GUC 31 13:28:54.6±0.7, 25:80S:69:33W, h127km±5km, ML4.2 IDC 31 13:28:56.5±0.8, 25:72S:69:06W, h119km±5km, mb3.6/7, mbtmp3.9/10, Error ellipse: s-maj=23.7km s-min=20.5km az=46.0

ISC 31 13:28:53.8±0.5, 25:78S:0:03:69:29W±0.04, h118km±4km, n118, c100:PP-P, n125, c157/2154, mb4.0/6, Chile

Code Station Name Azimuth Phase ID Time Res ISC

AC02 Maricunga 1.06 172 Pn Pn 13 29 18.3 +1.5

AC02 Maricunga 1.06 172 eP Pn 13 29 18.2 +1.5

AC02 Maricunga 1.06 172 eS Pn 13 29 18.3 +1.5

AC02 Maricunga 1.06 172 eS Pn 13 29 35.1 +0.8

AC01 Pan de Azucar 1.24 252 Sn Pn 13 29 19.4 +1.3

AC01 Pan de Azucar 1.24 252 eS Pn 13 29 37.6 +1.0

AC01 Pan de Azucar 1.24 252 eP Sn 13 29 19.2 +1.1

AC01 Pan de Azucar 1.24 252 eS Sn 13 29 37.3 +0.7

AC01 comp=E,3um,0.1s Pan de Azucar 1.24 252 eS Pn 13 29 19.4 +1.3

AC01 Pan de Azucar 1.24 252 eS Pn 13 29 37.5 +1.0

PB14 IPOC Station P 1.53 318 Sn Pn 13 29 23.5 +1.7

PB14 IPOC Station P 1.53 318 eS Pn 13 29 44.7 +1.6

PB14 IPOC Station P 1.53 318 eS Pn 13 29 23.4 +1.7

PB14 IPOC Station P 1.53 318 eS Pn 13 29 44.6 +1.6

PB14 comp=E,1um,0.3s IPOC Station P 1.53 318 eS Pn 13 29 23.4 +1.7

PB14 IPOC Station P 1.53 318 eS Pn 13 29 44.4 +1.4

AC06 Mina Casimiro 1.84 211 Sn Pn 13 29 26.0 +0.8

AC06 Mina Casimiro 1.84 211 Sn Pn 13 29 29.4 +0.3

AC06 Mina Casimiro 1.84 211 Pn Pn 13 29 25.8 +0.7

GO03 Copiapo 2.00 205 Pn Pn 13 29 28.0 +0.8

GO03 Copiapo 2.00 205 eS Pn 13 29 27.9 +0.8

GO03 comp=N,1um,0.5s Copiapo 2.00 205 eS Pn 13 29 53.3 +0.6

GO03 Copiapo 2.00 205 eS Pn 13 29 28.0 +0.8

GO03 Copiapo 2.00 205 eS Pn 13 29 52.1 -0.6

AC04 Llanos de Chal 2.89 213 eP Pn 13 29 38.7 +0.1

AC04 Llanos de Chal 2.89 213 eS Pn 13 30 07.6 -5.6

AC04 comp=N,2.941nm,0.5s Llanos de Chal 2.89 213 eS Pn 13 30 25.3

TINO Tinogasta 2.74 146 eP Pn 13 29 37.3 +0.5

AC04 Llanos de Chal 2.89 213 eP Pn 13 29 38.6 +0.1

AC04 Llanos de Chal 2.89 213 eP Pn 13 29 38.3 -0.3

AC04 comp=E,462nm,0.2s Llanos de Chal 2.89 213 eS Pn 13 30 18.0

AC04 comp=N,3.357nm,0.9s San Pedro de A 2.99 20 Pn 13 29 40.5 +0.3

AF01 San Pedro de A 2.99 20 eS Pn 13 29 42.2 +2.0

AF01 San Pedro de A 2.99 20 iS Pn 13 30 18.0 +2.1

AF01 San Pedro de A 2.99 20 eS Pn 13 29 42.4 +2.2

AF01 San Pedro de A 2.99 20 eS Pn 13 30 17.2 +1.3

AF01 13 30 24.5

31d 13h

Table of seismic events for 31d 13h, listing station names (e.g., FSA, PB05), magnitudes, times, and locations (e.g., Cafayete, IPOC Station P).

2020 JAN

Main table of seismic events for 2020 JAN, listing station names (e.g., PDAR, TORO), magnitudes, times, and locations (e.g., Pinedale Array, Torodi Arr, Beza).

2328

Table of seismic events for 2328, listing station names (e.g., OBIP, CRPR), magnitudes, times, and locations (e.g., Cabo Rojo, PR, Cabo Rojo, PR).

Table with columns for station call letters, station name, frequency, and other details. Includes stations like Ouen Island, Mamie plateau, Ouen Toro, etc.

Table with columns for station call letters, station name, frequency, and other details. Includes stations like Riverview, Sydney Hard Rock, North Rockham, etc.

Table with columns for station call letters, station name, frequency, and other details. Includes stations like Geniem, Forest, Wake Island, etc.

31d 13h

2020 JAN

2330

Table with columns: MYKOM, Kota Tinggi, 76.88 278, P, P, 14 04 25.1 -0.1, comp=E,110nm,1.1s, MDJ, Muanjjang, 82.71 327, P, P, 14 04 55.1 +0.1, etc.

Table with columns: ADK, Adak, 77.04 3, P, P, 14 04 24.9 -0.2, ADK, Adak, 77.04 3, P, P, 14 04 25.0 -0.1, etc.

Table with columns: WHN, WHN, 82.79 309, P, S, 14 04 55.5 -0.1, WHN, WHN, 82.79 309, P, S, 14 04 25.3 -0.8, etc.

2331

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like AFDM Forest Hills D, LRMC Laurel Mtn Rad, ORV Crowlie, etc.

2020 JAN

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like MA2 Magadan, MA2 Magadan, MA2 Magadan, etc.

31d 13h

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like K17K Iditarod, SZCU Shurtz Canyon, PSUT Pine Spring, etc.

31d 13h

2020 JAN

2332

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like J19K Poorman, E19K Poorman, J19K Poorman, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like TASM ASL Pad, TASM ASL Pad, TASM ASL Pad, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like RDOG Red Dog Mine, RDOG Red Dog Mine, RDOG Red Dog Mine, etc.

Table with multiple columns containing station call signs (e.g., SORM, BJJU, LUC), frequencies (e.g., 147.32, 147.32), and various identifiers (e.g., PKP, PKPb, PKPc). The table is organized into several vertical sections.

31d 16h

JMA Felt III J at NEAR CHOSH CITY.
NEIC 31 16:11:21.5, 35.65N, 140.72E, h40km
NEIC 31 16:11:21.5, 35.75N, 140.72E, h40km, Moment Tensor
Solution. Duration: 2s1 Moment tensor: Scale 10^16Nm;

GCMT 31 16:11:26.0, 0.1, 35.61N, 140.73E, 0.01, h44km,
MW5.3/138, Moment Tensor Solution. s99, c159;
s138, c231; Duration: 191 Moment tensor: Scale 10^17

ISC 31 16:11:22.7, 0.4, 35.67N, 140.65E, 0.04, h59km, 2km,
h53km, P-P, n933, r1579/839, mb5.0/239, MS46/115,
46C-1D, Near east of eastern Honshu

Table with columns: Code, Station Name, Lat, Az, Phase ID, Time, Res. Lists stations like SAMMUM, JSMT, JYU, etc.

2020 JAN

Main table of station data with columns: Code, Station Name, Lat, Az, Phase ID, Time, Res. Lists stations like JHU, JHJ, JHJ2, etc.

2338

Table of station data for 2338 with columns: Code, Station Name, Lat, Az, Phase ID, Time, Res. Lists stations like SSE, SSE, HEH, etc.

2339

Table with columns for station call signs (e.g., CNSH, BTO2, MA2), frequencies, and various performance metrics (e.g., SNR, dB, error rates).

2020 JAN

Table with columns for station call signs (e.g., DAV, QIZ, MOY, GT2A), frequencies, and various performance metrics (e.g., SNR, dB, error rates).

ZALV comp=Z,1.8nm,0.4s,baz=103,slow=3.6,SNR=2.2

Table with columns for station call signs (e.g., ZALV, ZALZ, ZALZ, ZALZ, FALS, ZSN, ZSN, K13K, SHL, F14K, ANM, M13K, J14K, L14K, F15K, G15K, M14K, N14K, O14K, SPSI, C16K, C16K, L15K, NRIK, NRIK, NRIK, NRIK, BRDH, K15K, SAUI, MK31, MKAR, MKAR, MKAR, MKAR, G16K, MAKZ, MAKZ, N15K, CHNA, O15K, D17K, J16K, I17K, KAPI, RDOG, RDOG, C17K, E17K, L16K, L16K, F17K, PMG, M16K, N16K, H17K, O16K, P16K, E18K, L17K, C18K, C18K, B16K, K17K, R16K, F18K, M17K, H18K, H18K, G18K, G18K, N17K, O17K, KURK, KURK, KURK, KURK, KURK, KURB, KURBB, ZALV), frequencies, and various performance metrics (e.g., SNR, dB, error rates).

31d 16h

Table with columns for station call signs (e.g., ZALV, ZALV, ZALV, ZALV, FALS, ZSN, ZSN, K13K, SHL, F14K, ANM, M13K, J14K, L14K, F15K, G15K, M14K, N14K, O14K, SPSI, C16K, C16K, L15K, NRIK, NRIK, NRIK, NRIK, BRDH, K15K, SAUI, MK31, MKAR, MKAR, MKAR, MKAR, G16K, MAKZ, MAKZ, N15K, CHNA, O15K, D17K, J16K, I17K, KAPI, RDOG, RDOG, C17K, E17K, L16K, L16K, F17K, PMG, M16K, N16K, H17K, O16K, P16K, E18K, L17K, C18K, C18K, B16K, K17K, R16K, F18K, M17K, H18K, H18K, G18K, G18K, N17K, O17K, KURK, KURK, KURK, KURK, KURK, KURB, KURBB, ZALV), frequencies, and various performance metrics (e.g., SNR, dB, error rates).

31d 16h

comp=Z,48nm,0.9s	TRF	Thorofare Moun	49.51	33	P	P	16 20 05.2	-2.5
P17K Kivchak River	46.49	39	P	P	16 19 43.4	-0.7		
baz=268								
R17L Mt. Peulik Vol	46.51	41	P	P	16 19 41.7	-2.7		
baz=271								
L18K Granite Mouta	46.53	35	P	P	16 19 44.0	-0.5		
baz=265								
J18K Innoko River	46.63	33	P	P	16 19 43.0	-2.3		
baz=264								
F19K Shalercuk Mo	46.65	29	P	P	16 19 43.0	-2.4		
baz=260								
GCSA Galena City Sc	46.70	32	P	P	16 19 44.5	-1.3		
baz=263								
Q17K Contact Creek	46.76	40	P	P	16 19 44.6	-1.9		
baz=270								
G19K Purcell Mouta	46.81	30	P	P	16 19 45.3	-1.3		
baz=261								
N18K Kilae Creek	46.81	37	P	P	16 19 43.2	-3.6		
baz=268								
D19K Kuna River	46.84	26	IAmb	IAmb	16 20 06.7			
comp=Z,26nm,1.0s								
D19K Kuna River	46.84	26	P	P	16 19 45.6	-1.3		
baz=268								
M18K Stony River	46.86	36	P	P	16 19 45.0	-2.3		
baz=267								
SHLS Shalkode	46.94	299c	iP	P	16 19 46.2	-1.9		
SHLS								
comp=Z,24nm,1.3s								
SHLS Shalkode	46.94	299f	iP	P	16 19 46.2	-1.9		
CHIR Chirikof Islan	46.95	44	P	P	16 19 44.7	-3.2		
baz=272								
E19K Redstone River	46.97	28	IAmb	IAmb	16 20 08.6			
comp=Z,19nm,0.8s								
E19K Redstone River	46.97	28	P	P	16 19 45.9	-2.0		
baz=269								
H19K Roundabout Mou	46.98	30	P	P	16 19 45.1	-2.9		
baz=262								
P18K Big Mountain,	47.11	39	P	P	16 19 47.6	-1.5		
baz=269								
J19K Poorman	47.16	33	P	P	16 19 48.3	-1.1		
baz=265								
UZB Uzynbulak	47.25	299c	iP	P	16 19 51.1	+0.5		
UZB								
comp=Z,22nm,1.3s								
UZB Uzynbulak	47.25	299f	iP	P	16 19 51.1	+0.5		
TDK Taldyqorghan	47.30	301	eP	P	16 19 51.6	+0.8		
TDK								
comp=Z,22nm,1.2s								
TDK Taldyqorghan	47.30	301	eP	P	16 19 51.6	+0.8		
comp=Z,22nm,1.2s								
L19K White Mountain	47.38	35	P	P	16 19 48.9	-2.3		
baz=267								
F20K Avarant Lake	47.48	28	PcP	PcP	16 19 24.2	+3.0		
F20K Avarant Lake	47.48	28	P	P	16 19 49.2	-2.6		
baz=262								
B20K Meade River	47.49	24	IAmb	IAmb	16 20 01.5			
comp=Z,34nm,1.1s								
B20K Meade River	47.49	24	P	P	16 19 50.4	-1.5		
baz=258								
N19K Bonanza Creek	47.51	37	P	P	16 19 50.2	-2.0		
baz=269								
O19K Port Alsworth	47.58	38	P	P	16 19 49.2	-3.5		
baz=269								
EDFI Ende, Flores	47.66	206	P	P	16 19 52.5	-1.4		
comp=Z,29nm,0.9s								
SATY Saty	47.71	299c	iP	P	16 19 54.7	+0.5		
SATY								
comp=Z,12nm,1.2s								
SATY Saty	47.71	299f	iP	P	16 19 54.7	+0.5		
SII Sii	47.72	43	P	P	16 19 51.6	-2.3		
comp=Z,12nm,1.2s								
SII Sii	47.72	43	P	P	16 19 51.6	-2.3		
baz=273								
I20K Naaghedeneel	47.73	32	P	P	16 19 52.2	-1.6		
baz=265								
SOEI Soe	47.75	202	P	P	16 19 53.0	-1.6		
SOEI Soe	47.75	202	P	P	16 19 52.3	-1.4		
SOEI Soe	47.75	202	P	P	16 19 53.4	-1.2		
K20K Telida	47.80	34	P	P	16 19 51.9	-2.6		
baz=267								
J20K Nowinta River	47.82	32	P	P	16 19 56.0	+1.5		
J20K					16 20 04.9			
comp=Z,31nm,1.4s								
J20K Nowinta River	47.82	32	P	P	16 19 52.3	-2.2		
baz=266,SNR=6.0								
ARXS Arhary	47.87	300	eP	P	16 19 55.5	+0.2		
IPM Ipo	47.91	239	P	P	16 19 54.0	-1.8		
comp=Z,22nm,1.3s								
Q19K Cape Douglas,	47.93	40	P	P	16 19 51.9	-3.6		
baz=271								
A21K Barrow	47.95	23	P	P	16 19 52.0	-3.4		
baz=257,SNR=24								
P19K Oil Pt	48.13	39	P	P	16 19 53.4	-3.6		
baz=271								
C21K Knifblade Rid	48.15	26	P	P	16 19 55.3	-1.7		
OHAK Old Harbor	48.18	42	P	P	16 19 55.2	-2.2		
baz=273								
M20K Styx River	48.18	36	P	P	16 19 56.7	-0.8		
baz=269								
BATI Baumata	48.36	203	LR	LR	16 37 52.5			
comp=Z,31nm,21.9s,ba								
BATI Baumata	48.36	203	P	P	16 19 58.2	-1.1		
F21K Alatina River	48.37	28	P	P	16 19 57.0	-1.8		
baz=264								
A22K Sinclair Lake	48.41	23	P	P	16 19 57.7	-1.2		
baz=259								
HNR Honiara	48.41	154	LR	LR	16 39 22.5			
comp=Z,15nm,21.7s,ba								
H21K Melozitna Rive	48.50	31	IAmb	IAmb	16 20 08.6			
comp=Z,29nm,1.6s								
H21K Melozitna Rive	48.50	31	P	P	16 19 56.3	-3.5		
baz=266								
KDAK Kodiak Island	48.53	41	LR	LR	16 40 17.0			
comp=Z,546nm,21.9s,ba								
KDAK Kodiak Island	48.53	41	P	P	16 19 56.9	-3.1		
baz=273								
Q20K Shuyak Island	48.59	40	P	P	16 19 58.3	-2.2		
baz=272								
CHUM Lake Minchum	48.61	33	P	P	16 19 57.4	-3.2		
baz=268								
SPCR Spurr Chakacha	48.62	36	P	P	16 19 57.4	-3.4		
baz=279								
PPLA Purkeypille	48.64	34	P	P	16 19 57.6	-3.4		
baz=269								
MDOK Medeo	48.66	299	eP	P	16 20 02.3	+0.9		
MDOK Medeo	48.66	299	eP	P	16 20 02.4	+0.9		
SPU Mount Spurr	48.70	37	IAmb	IAmb	16 20 10.6			
comp=Z,29nm,1.3s								
KDU Kakadu	48.71	191	P	P	16 20 00.2	-1.6		
comp=Z,29nm,1.1s								
DRS Darwin Rock St	48.72	193	P	P	16 20 02.6	+0.7		
AAA Alma-Ata	48.74	299	eP	P	16 20 02.6	+0.6		
AAA								
comp=Z,10.0nm,0.5s								
AAA Alma-Ata	48.74	299	eP	P	16 20 02.6	+0.6		
comp=Z,10.0nm,0.5s								
TNSS Tian-Shan	48.76	299	eP	P	16 20 02.8	+0.2		
TNSS Tian-Shan	48.76	299	eP	P	16 20 02.9	+0.3		
B22K Teshekpuk Lake	48.80	24	P	P	16 19 58.7	-3.3		
baz=261								
I21K Tanana	48.81	31	P	P	16 19 59.9	-2.3		
baz=267								
D22K Ayikyak River	48.86	26	IAmb	IAmb	16 20 12.2			
comp=Z,24nm,0.9s								
D22K Ayikyak River	48.86	26	P	P	16 19 58.7	-3.8		
baz=263								
SKT Skwentna	48.94	35	P	P	16 19 50.8	-2.4		
baz=270								
MTN Manton Dam	49.08	192	P	P	16 20 04.5	-0.1		
comp=Z,69nm,1.1s								
MTN Manton Dam	49.08	192	P	P	16 20 03.7	-1.0		
CAPN Captain Cook N	49.14	37	P	P	16 20 02.1	-2.6		
baz=272								
BPAW Bear Paw Mtn.	49.20	33	P	P	16 20 02.6	-2.6		
baz=269								
SUA Susitna One	49.32	36	P	P	16 20 03.2	-3.0		
baz=271								
BRSE Bradley Lake S	49.39	38	P	P	16 20 04.9	-1.8		
baz=273								
COEN Coen	49.41	177	P	P	16 20 08.7	+1.5		
comp=Z,20nm,0.8s								
COEN Coen	49.41	177	P	P	16 20 05.0	-2.2		
COEN					16 20 35.2			
comp=Z,26nm,1.1s								
COEN Coen	49.41	177	P	P	16 20 08.9	+1.7		

2020 JAN

TRF	Thorofare Moun	49.51	33	P	P	16 20 05.2	-2.5
comp=Z,24nm,1.0s							
TWSI Taliwang, Sumb	49.53	212	P	P	16 20 06.4	-1.8	
comp=Z,25nm,1.4s							
D23K Nanushuk River	49.59	26	IAmb	IAmb	16 20 18.0		
D23K Nanushuk River	49.59	26	P	P	16 20 06.4	-1.6	
baz=265							
BOOM Boomsokye usch	49.61	299	P	P	16 20 09.0	+0.2	
BOOM					16 20 28.3		
comp=Z,18nm,0.8s							
BOOM Boomsokye usch	49.61	299	P	P	16 20 09.0	+0.2	
BOOM							
comp=Z,18nm,0.8s							
M22K Willow	49.61	36	P	P	16 20 07.1	-1.2	
baz=272							
COLD Coldfoot	49.65	29	P	P	16 20 08.3	-0.2	
baz=267							
G23K Kahang-Kahang	49.69	29	P	P	16 20 08.0	-0.9	
baz=267							
TKM2 Tokmak 2	49.75	299	P	P	16 20 11.2	+1.3	
SNR=41							
KHKI Kahang-Kahang	49.75	213	P	P	16 20 08.7	-1.1	
SNR=11nm,1.0s							
RC01 Rabbit Creek A	49.82	37	P	P	16 20 08.0	-1.9	
baz=272							
O22K Cooper Landing	49.86	37	P	P	16 20 08.2	-1.9	
baz=273							
E23							

Table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like WRAB, WRO, WB2, etc.

Table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like KLMR, ARCES, YKA, etc.

Table with columns: Station, Name, Frequency, Mode, Power, and other technical details. Includes stations like SUMG, MHTO, ALNE, etc.

31d 17h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BORG, TDES, BUAR, etc.

2020 JAN

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like PLN, GTTG, MOX, etc.

2342

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TXAR, VAE, SADO, etc.

2345

Table with columns: GOMU, GeErMu, 36.37 284, P, S, 17 14 43.8 -0.4, 17 20 17.3 -3.5, SHL, Shillong, 42.36 270, P, Pmax, 17 15 32.7 -1.2, PMG, Port Moresby, 45.59 170, P, I, 17 16 00.1 +0.6, 17 16 38.2

2020 JAN

Table with columns: SHL, Shillong, 42.36 270, P, Pmax, 17 15 32.7 -1.2, PMG, Port Moresby, 45.59 170, P, I, 17 16 00.1 +0.6, 17 16 38.2

31d 17h

Table with columns: PMG, Port Moresby, 45.59 170, P, I, 17 16 00.1 +0.6, 17 16 38.2

RDMU	Red Mountain	80.55	46	I	Amb	I	Amb	17 19 55.4
BSEG	Bad Segeberg	80.56	333	P		P	pmax	17 19 51.4 +0.6
BSEG	comp-Z,26nm,1.2s							
CLZ	Bad Segeberg	80.56	333	eP		P		17 19 51.3 +0.5
BSEG	comp-Z,31nm,1.2s,baz=38,slow=5.2			eL		L		18 00 34.0
LOZB	Loznitz	80.59	317	↑P		P		17 19 52.0 +0.8
DANC	Danby, Needles	80.61	54	I	Amb	I	Amb	17 20 22.3
BORA	Eskisehir	80.62	313	I	Amb	I	Amb	17 21 53.7
Q16A	Castle Valley	80.64	48	I	Amb	I	Amb	17 20 43.6
MORC	Moravsky Berou	80.70	326	I	Amb	I	Amb	17 19 54.4
MORC	Moravsky Berou	80.70	326	↑P		P		17 19 52.8 +1.1
MORC	Moravsky Berou	80.70	326	P		P		17 19 52.8 +1.1
MORC	Moravsky Berou	80.70	326	eP		P		17 19 52.5 +0.8
OSTC	Ostas	80.72	328	eP		P		17 19 55.7 +3.9
OSTC	Ostas	80.72	328	eP		P		17 19 55.7 +3.9
P16A	Preston Nutter	80.75	47	I	Amb	I	Amb	17 19 56.8
CHVC	Chvalec	80.77	328	eP		P		17 19 52.8 +0.7
CHVC	Chvalec	80.77	328	eP		P		17 19 52.8 +0.7
DPC	Dobruska-Polom	80.83	327	eP		P		17 19 53.4 +1.0
DPC	comp-Z,400nm,15.7s			AMS		AMS		18 01 40.0
DPC	Dobruska-Polom	80.83	327	eP		P		17 19 53.4 +1.0
DPC	comp-Z,400nm,15.7s			MLR		MLR		17 19 52.8 +0.4
DPC	Dobruska-Polom	80.83	327	P		P		17 19 53.5 +1.1
UPC	Upice	80.85	328	eP		AMS		18 00 00.0
UPC	comp-Z,400nm,18.6s			AMS		AMS		17 19 53.5 +1.1
UPC	Upice	80.85	328	eP		MLR		17 19 53.5 +1.1
UPC	comp-Z,400nm,18.6s			MLR		MLR		17 19 57.0
GRTU	San Rafael Swe	80.91	48	I	Amb	I	Amb	17 19 57.0
SORU	Trebel	80.91	332	eP		P		17 19 53.9 +1.3
PSZ	Piszkesteto	80.94	324	I	Amb	I	Amb	17 19 55.3
PSZ	comp-Z,39nm,1.1s,baz=38,slow=5.2							17 19 55.3
PSZ	Piszkesteto	80.94	324	↑P		P		17 19 54.5 +1.4
PSZ	Piszkesteto	80.94	324	P		P		17 19 54.4 +1.4
K22A	Casper	80.95	43	I	Amb	I	Amb	17 20 26.8
ULM	Lac du Bonnet	80.98	33	P		P		17 19 54.1 +0.9
ULM	comp-Z,9.9nm,0.8s,baz=307,slow=6.5,SNR=17			LR		LR		17 56 09.9
ULM	Lac du Bonnet	80.98	33	eP		P		17 19 53.6 +0.4
ULM	comp-Z,9.9nm,0.8s							17 20 42.2
MDND	Maddock	81.00	36	I	Amb	I	Amb	17 20 23.1
CBX	Cerro Bola	81.15	57	I	Amb	I	Amb	17 20 23.1
ASF	Jabal al Asfar	81.25	303	LR		LR		17 59 29.3
GZR	Gura Zlata	81.26	321	↑P		P		17 19 55.9 +1.0
GZR	Gura Zlata	81.26	321	P		P		17 19 55.8 +1.0
ELND	Elena	81.27	317	↑P		P		17 19 55.8 +0.8
JAVC	Velka Javorina	81.31	326	eP		P		17 19 56.9 +1.9
RSSD	Black Hills	81.33	41	P		P		17 19 55.9 +0.5
RSSD	Black Hills	81.33	41	P		P		17 19 55.9 +0.5
URZ	Urewera	81.37	151	LR		LR		17 52 03.7
URZ	comp-Z,8.0nm,1.0s							17 52 03.7
FLTG	Flechtingen	81.45	331	eP		P		17 19 55.8 +0.2
PVCC	Panska Ves	81.45	328	eP		P		17 19 56.8 +1.2
PVCC	Panska Ves	81.45	328	eP		P		17 19 56.8 +1.2
BRG	Berggiesshobel	81.46	329	eP		P		17 19 56.2 +0.6
BRG	Berggiesshobel	81.46	329	↑P		P		17 19 56.3 +0.3
BRG	comp-Z,17nm,1.0s			AMS		AMS		17 19 57.5
BRG	Berggiesshobel	81.46	329	↑P		P		17 20 09.9 -4.5
BRG	comp-Z,17nm,1.0s			pP		pP		17 20 10.5
BRG	Berggiesshobel	81.46	329	↑P		P		17 20 16.8 -5.1
BRG	comp-Z,5.0nm,0.7s			sP		sP		17 20 20.7
VRAC	Vranov	81.47	327	LR		LR		18 00 47.4
VRAC	comp-Z,205nm,18.2s,baz=38,slow=39							17 19 57.1 +1.3
VRAC	Vranov	81.47	327	P		P		17 19 57.1 +1.3
VRAC	Vranov	81.47	327	eP		P		17 19 56.6 +0.8
HRCU	Henry Mountain	81.52	49	I	Amb	I	Amb	17 20 31.2
CLL	Collim	81.52	330	I	Amb	I	Amb	17 19 57.4
CLL	Collim	81.52	330	↑P		P		17 19 56.3 +0.3
CLL	Collim	81.52	330	eP		P		17 20 14.0 -0.7
CLL	Collim	81.52	330	↑P		P		17 19 56.1 +0.1
CLL	Collim	81.52	330	↑P		P		17 19 56.3 +0.3
CLL	Collim	81.52	330	↑P		P		17 20 14.0 -0.7
CLL	Collim	81.52	330	↑P		P		17 20 20.0 -2.2
CLL	Collim	81.52	330	↑P		P		17 22 55.0 -7.3
CLL	Collim	81.52	330	↑P		P		17 24 52.0
CLL	Collim	81.52	330	↑P		P		17 30 00.0 -2.1
CLL	Collim	81.52	330	↑P		P		17 36 00.0 +4.1
CLL	Collim	81.52	330	↑P		P		17 19 56.4 +0.4
CLL	Collim	81.52	330	↑P		P		17 59 24.9
RICC	Richard Pleven	81.64	329	eP		P		17 19 58.3 +1.7
PLVB	Pleven	81.65	318	↑P		P		17 19 57.7 +0.9
SMOL	Smolenice	81.67	326	eP		P		17 19 58.4 +1.6
SMOL	comp-Z,20nm,1.1s			pmax		pmax		17 19 57.5 +0.5
BZS	Buzias	81.70	321	P		P		17 19 57.9 +0.7
BAND	Balkesir-Ban	81.70	314	↑P		P		17 19 57.9 +0.7
BLVC	Blythe	81.71	54	I	Amb	I	Amb	17 20 01.4
KRUC	Moravsky	81.74	326	P		P		17 19 58.2 +1.0
KRUC	comp-Z,27nm,1.0s			pmax		pmax		17 19 58.0 +0.8
KRUC	Moravsky	81.74	326	eP		P		17 19 58.3 +0.6
MMAI	Mount Meron Ar	81.75	305	P		P		17 59 30.2
MMAI	comp-Z,31nm,1.0s,baz=0.7,slow=7.1,SNR=7.4			LR		LR		17 59 30.2
HERR	Herculan	81.80	321	↑P		P		17 19 58.7 +1.1
MODS	Modra-Piesok	81.84	326	eP		P		17 19 59.1 +1.3
MODS	comp-Z,20nm,0.9s			pmax		pmax		17 19 59.1 +1.3
MODS	Modra-Piesok	81.84	326	eP		P		17 19 59.1 +1.3
MODS	comp-Z,46nm,1.0s			pmax		pmax		17 23 12.8 +7.7
RETH	Rethem/Aller	81.85	332	eP		P		17 19 57.4 -0.2
RETH	comp-Z,22nm,0.9s,baz=38,slow=5.2			pmax		pmax		17 19 58.9 +1.1
PRU	Pruhonice	81.87	328	eP		P		17 20 16.8 +0.2
PRU	comp-Z,240nm,17.8s			AMS		AMS		17 59 50.0
PRU	Pruhonice	81.87	328	eP		P		17 19 58.9 +1.1
PRU	comp-Z,400nm,17.8s			pP		pP		17 20 16.8 +0.2
PRU	Pruhonice	81.87	328	eP		P		17 19 58.9 +1.1
PRU	comp-Z,400nm,17.8s			MLR		MLR		17 20 16.8 +0.2
PRU	Pruhonice	81.87	328	eP		P		17 19 58.9 +1.1
PRU	comp-Z,400nm,17.8s			AMS		AMS		17 59 10.0
HSKC	Hora Svate Kat	81.87	329	eP		P		17 19 58.7 +0.8
HSKC	comp-Z,400nm,19.9s			AMS		AMS		17 20 00.1 +1.8
ISP	Isparta	81.88	311	eP		P		17 19 58.5 +0.4
ISP	comp-Z,20nm,0.7s			pmax		pmax		17 21 08.9
BKZ	Black Stump Fm	81.93	152	P		P		17 20 02.5
BKZ	comp-Z,80nm,1.7s			I	Amb	I	Amb	17 20 02.5
GLA	Glamis	81.93	55	I	Amb	I	Amb	17 20 02.5
GLA	comp-Z,26nm,0.9s			I	Amb	I	Amb	17 19 59.3 +0.9
TREC	Trest	81.97	327	P		P		17 19 59.3 +0.9
TREC	comp-Z,22nm,1.0s			pmax		pmax		17 19 59.3 +0.9

ZST	Bratislava	82.05	326	eP		P		17 23 11.9 +5.2
NEUB	Neuenburg	82.10	330	eP		P		17 19 59.5 +0.5
MPPE	Maljo Peshtene	82.14	319	↑P		P		17 20 00.3 +0.9
CLZ	Clausthal	82.17	331	eP		P		17 20 00.4 +0.9
PV21	Cone Mtn., Par	82.19	48	I	Amb	I	Amb	17 20 03.6
MDVR	Moldovita	82.23	321	↑P		P		17 20 00.5 +0.6
MDVR	Carpenter Ridg	82.24	48	I	Amb	I	Amb	17 20 41.0
PV14	Lion Creek, Pa	82.28	48	I	Amb	I	Amb	17 20 04.1
BALB	Balkesir	82.30	314	I	Amb	I	Amb	17 20 02.3
PV22	Blue Mesa, Par	82.32	48	I	Amb	I	Amb	17 20 46.5
EPLD	Experimental L	82.34	32	I	Amb	I	Amb	17 20 02.3
PV04	Paradox Valley	82.34	48	I	Amb	I	Amb	17 20 40.5
PV17	East Wray Mesa	82.38	48	I	Amb	I	Amb	17 20 04.2
PV16	Newton Mesa	82.39	48	I	Amb	I	Amb	17 20 12.0
PV11	David Mesa, Pa	82.42	48	I	Amb	I	Amb	17 20 47.2
TANN	Tannenbergsht	82.42	329	eP		P		17 20 01.2 +0.4
PV05	Paradox Valley	82.43	48	I	Amb	I	Amb	17 20 04.6
ZVC	Zviok	82.43	328	eP		P		17 20 01.8 +1.0
PV18	Skein Mesa, Pa	82.43	48	I	Amb	I	Amb	17 20 41.5
PV12	Saucer Basin,	82.45	48	I	Amb	I	Amb	17 20 42.4
PV03	Paradox Valley	82.47	48	I	Amb	I	Amb	17 20 48.1
PGB	Paraguayrisht	82.48	318	I	Amb	I	Amb	17 20 02.2 +0.9
PLN	Plauen	82.50	329	eP		P		17 20 01.7 +0.6
PV13	Radium Mtn., P	82.54	48	I	Amb	I	Amb	17 20 48.3
GTGG	Gottingen	82.56	331	eP		P		17 20 02.2 +0.8
PV02	Paradox Valley	82.56	48	I	Amb	I	Amb	17 20 46.1
NKC	Novy Kostel	82.57	329	P		P		17 20 02.4 +0.9</

31d 17h

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for various radio stations.

2020 JAN

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for various radio stations.

2350

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other technical details for various radio stations.

mbmp3.8/6,MS4.2/1, Error ellipse: s-maj=35.7km s-min=27.0km az=105.0 GUC 31 17:54:47.3-0.8, 20.265:69.08W, h106km,4km,ML3.9 ISC 31 17:54:45.0-0.9, 20.585:69.09W,0.06,h116km,7km, n38,c188/54,6C-2D,Northern Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IPOC Station P, Humbestone, Chuzimiza, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like KURBB, KURK, KURK, ZALV, SONM, BVAR.

IDC 31 18:07:10.1±4.6, 35.21N:140.03E, h61km,34km, mb3.3/4, mbmp3.6/4, Error ellipse: s-maj=47.2km s-min=27.8km az=70.0 JMA 31 18:07:11.8±0.2, 35.4N:0.7:139.9E:0.9, h76km,1km, MV3.0/39, SOUTHERN BOSCO PENINSULA JMA Feil J1 at SOUTHERN BOSCO PENINSULA ISC 31 18:07:11.9±1.0, 35.31N:0.04:139.94E:0.05, h79km,6km, n27,-0.82/34,mb3.6/4,6D,Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JYO, JCCN, JCCN, JKUC, etc.

RSPR 31 18:08:02.1-0.8, 17.92N:66.97W, h6km, MD2.6/6 NEIC 31 18:08:02.1-0.8, 17.91N:0.02:66.98W:0.01, h13km,3km, ML2.6/3, MD2.6/6(RSPR), 1C-1D, Error ellipse: s-maj=3.4km s-min=1.5km az=158.0, Puerto Rico region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MLPR, MLPR, GBPR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like HUMP, CUPR, DR12.

AEIC 31 18:21:48.1±1.5, 66.28N:0.02:157.25W:0.03, h11km,5km, Error ellipse: s-maj=3.2km s-min=1.5km az=194.0 NEIC 31 18:21:47.6±1.4, 66.30N:0.02:157.26W:0.05, h10km,1km, ML3.6/44, ML3.4(AEIC), Error ellipse: s-maj=3.7km s-min=2.9km az=113.0, Northern Alaska

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like G19K, G19K, F19K, etc.

Table with columns: BOOM, Name, Time, Date, and other identifiers. Includes entries like Alma-Ata, Matibue, Kashi, etc.

Table with columns: Name, Time, Date, and other identifiers. Includes entries like Osh, Manas, Arkit, etc.

Table with columns: Name, Time, Date, and other identifiers. Includes entries like Songino Array, Kuning, etc.

CEY	Cerknica	5.62 321	ePn	Pn	21 06 56.7 +1.3
PRK	Paraskevi	5.66 111	P	Pn	21 06 59.0 +3.1
SKDS	Skadanscina	5.69 318	ePn	Pn	21 06 56.6 +0.3
VOIR		5.69 44	↑P	Pn	21 06 58.2 +1.7
VOIR		5.69 44	↑P	Pn	21 08 05.2 +3.4
VOIR		5.69 44	↑P	Pn	21 08 05.1 +1.7
VOIR		5.69 44	↑Pn	Pn	21 06 58.5 +2.0
	comp=E, 0.1nm, 0.6s				
RAFF	Raffo Rosso	5.78 225	ePn	Pn	21 06 56.4 -1.3
LJU	Ljubljana	5.81 324	eP	Pn	21 06 59.4 +1.4
LJU	Ljubljana	5.82 324	ePn	Pn	21 06 59.4 +1.4
DRGR		5.82 23	↑P	Pn	21 06 59.4 +1.1
DRGR		5.82 23	↑P	Pn	21 08 05.3 +0.3
DRGR		5.82 23	↑P	Pn	21 06 59.3 +1.1
DRGR		5.82 23	ePn	Pn	21 06 59.4 +1.1
WARR	Marisel-Cluj	5.85 26	↑P	Pn	21 06 60.0 +1.4
WARR		5.85 26	↑P	Pn	21 06 59.9 +1.6
MPLH	Magyarpolny	5.87 347	Pn	Pn	21 06 59.2 +0.3
	comp=E, 0.5nm, 0.2s, 0.1s, 0.133nm, 0.9s				
BORR	Bors	5.87 16	↑P	Pn	21 06 59.4 +0.5
BOFR		5.87 16	↑P	Pn	21 08 07.3 +1.1
MDB	Medias	5.88 36	↑P	Pn	21 07 00.8 +1.8
MDB	Medias	5.88 36	↑P	Pn	21 07 00.0 +0.5
TRI	Trieste	5.92 318	P	Pn	21 07 00.0 +0.5
TRI	Trieste	5.92 318	P	Pn	21 07 00.0 +0.5
SULR		5.93 55	↑P	Pn	21 07 02.6 +3.0
SULR		5.93 55	↑P	Pn	21 08 09.3 +1.8
CJR	Cluj-Napoca	6.04 28	↑P	Pn	21 07 01.6 +0.6
CJR		6.04 28	↑P	Pn	21 08 11.1 +1.3
CJR	Cluj-Napoca	6.04 28	↑P	Pn	21 07 01.8 +0.6
SOKA	Soboth	6.11 330	iPn	Pn	21 07 03.0 +0.8
	comp=E, 8.3nm, 0.6s, SNR=29				
SOKA					21 08 09.2 -2.9
OBKA	Obir	6.16 327	ePn	Pn	21 07 04.3 +1.3
	comp=E, 1.9nm, 0.2s, SNR=25				
OBKA					21 08 13.0 -0.4
LTVH	Ltvartes, Hu	6.18 16	↑P	Pn	21 07 03.8 +0.8
LTVH		6.18 16	↑P	Pn	21 08 15.2 +1.6
LEHL	Lehlu	6.19 58	↑P	Pn	21 07 06.2 +3.0
SABO	Mts Sabotino	6.20 319	ePn	Pn	21 07 03.6 +0.3
MLR	Muntele Rosu	6.21 47	↑P	Pn	21 07 04.3 +0.7
	comp=E, 2.2nm, 0.3s, baz=204, slow=6.6, SNR=7.9				
BORA					21 08 13.4 -1.2
	comp=E, 1.2nm, 0.3s, baz=160, slow=11, SNR=1.6				
MLR	Muntele Rosu	6.21 47	↑P	Pn	21 07 04.9 +1.4
MLR	Muntele Rosu	6.21 47	↑P	Pn	21 07 05.1 +1.5
MLR		6.21 47	↑P	Pn	21 08 16.2 +1.6
MLR	Muntele Rosu	6.21 47	↑P	Pn	21 07 05.0 +1.4
MLR	Muntele Rosu	6.21 47	↑P	Pn	21 07 05.7 +2.1
MESR	Mesessen	6.22 23	↑P	Pn	21 07 04.8 +1.2
MESR		6.22 23	↑P	Pn	21 08 16.3 +1.7
DOPR	Dopca	6.23 42	↑P	Pn	21 07 06.1 +2.3
DOPR		6.23 42	↑P	Pn	21 08 16.9 +1.6
ISR	Istrita	6.34 52	↑P	Pn	21 07 07.0 +1.7
ISR	Istrita	6.34 52	↑P	Pn	21 07 07.0 +1.7
ISR	Istrita	6.34 52	↑Pn	Pn	21 07 05.9 +0.6
	comp=E, 0.2nm, 0.2s, 0.46nm, 0.7s				
OSSC	Observatorio P	6.41 292	P	Pn	21 07 07.0 +0.7
ARSA	Arzberg	6.44 335	Pn	Pn	21 07 07.6 +1.0
ARSA	Arzberg	6.44 335	Pn	Pn	21 07 08.0 +1.4
	comp=E, 1.4nm, 0.3s, SNR=6.9				
ARSA					21 08 19.4 -0.7
ARSA	Arzberg	6.44 335	ePn	Pn	21 07 08.1 +1.4
PSZ	Piszkesteto	6.47 3	↑P	Pn	21 07 07.0 -0.1
PSZ	Piszkesteto	6.47 3	↑P	Pn	21 07 07.6 +0.5
PSZ	Piszkesteto	6.47 3	↑P	Pn	21 07 07.6 +0.5
OZUP		6.52 43	↑P	Pn	21 07 10.3 +2.5
DOFR		6.52 285	Pn	Pn	21 07 08.5 +0.9
PRED	Cave del Predi	6.55 322	↑P	Pn	21 07 09.1 +0.9
COVR	Voineasa-Covas	6.57 46	↑P	Pn	21 07 11.1 +2.6
AMRR	Amara	6.58 59	↑P	Pn	21 07 11.5 +2.9
AMRR	Amara	6.58 59	↑P	Pn	21 07 11.4 +2.9
RONA	Rosalia, Austr	6.63 341	↑Pn	Pn	21 07 10.8 +1.5
	comp=E, 0.7nm, 0.3s				
RONA					21 08 25.1 +0.2
MYKA	Terra Mystica	6.65 323	iPn	Pn	21 07 10.7 +1.1
	comp=E, 0.5nm, 0.2s				
MYKA					21 08 25.0 -0.4
	comp=E, 3.2nm, 0.3s				
ICOR	Ion Corvin	6.69 44	↑P	Pn	21 07 12.7 +2.7
PLOR	Plostinia	6.82 68	↑P	Pn	21 07 15.1 +3.1
PLOR	Plostinia	6.82 68	↑P	Pn	21 07 15.3 +3.1
STAL	STALIGIAL	6.84 317	↑P	Pn	21 07 11.8 -0.3
BMR	Baia Mare	6.85 24	↑P	Pn	21 07 14.3 +2.0
BMR	Baia Mare	6.85 24	↑P	Pn	21 07 14.2 +2.0
ZCCA	Zocca	6.86 298	↑P	Pn	21 07 12.9 +0.4
VRI	Vrincioia	6.87 48	↑P	Pn	21 07 13.9 +1.3
VRI	Vrincioia	6.87 48	↑P	Pn	21 07 13.9 +1.3
VRI	Vrincioia	6.87 48	↑P	Pn	21 07 14.5 +1.9
	comp=E, 0.1nm, 0.2s, 0.27nm, 0.6s				
TEOL	Teolo	6.88 307	↑P	Pn	21 07 13.0 +0.3
CONA	Conrad Observa	6.96 340	iPn	Pn	21 07 15.1 +1.3
	comp=E, 0.4nm, 0.3s				
CONA					21 08 32.3 -0.6
CIMO	Cimolais	7.01 316	ePn	Pn	21 07 14.2 -0.3
KECV	Kecovo	7.06 6	eP	Pn	21 07 17.7 +2.5
KECV		7.06 6	ePn	Pn	21 07 17.7 +2.5
KECV	Kecovo	7.06 6	ePn	Pn	21 08 34.3 -1.1
MODS	Modra-Piesok	7.08 348	ePn	Pn	21 07 19.3 +3.8
MODS		7.08 348	ePn	Pn	21 08 34.7 -1.1
MODS	Modra-Piesok	7.08 348	ePn	Pn	21 07 19.3 +3.8
MODS		7.08 348	ePn	Pn	21 08 34.7 -1.3
KBA	Koelnbreinspre	7.12 324	ePn	Pn	21 07 17.1 +0.9
	comp=E, 0.3nm, 0.1s, SNR=10				
KBA					21 08 33.3 -3.9
TESR	Tescani	7.24 43	↑P	Pn	21 07 19.6 +2.0
ABTA	Abfattersbach	7.27 319	iPn	Pn	21 07 18.5 +0.3
	comp=E, 0.1nm, 0.1s, SNR=14				
ABTA					21 08 36.7 -4.0
CTI	Castel Tesino	7.28 312	P	Pn	21 07 18.0 -0.2
CTI	Castel Tesino	7.28 312	P	Pn	21 07 18.0 -0.2
BRIU	Brid	7.33 19	↑Pn	Pn	21 07 21.4 +2.6
CFR	Carcalui	7.34 57	↑P	Pn	21 07 20.5 +1.4
CFR	Carcalui	7.34 57	↑P	Pn	21 07 20.4 +1.4
MUKU	Mukachevo	7.36 17	↑P	Pn	21 07 20.7 +1.5
HOLU	Holmets	7.37 15	↑Pn	Pn	21 07 21.1 +1.8
MOA	Molin	7.38 332	iPn	Pn	21 07 22.2 +2.6
	comp=E, 1.7nm, 0.2s, SNR=8.5				
MOA					21 08 41.4 -1.9
MOA	Molin	7.38 332	ePn	Pn	21 07 21.7 +2.1
TPGR	Topolog	7.38 60	↑P	Pn	21 07 21.6 +2.0
BURAR	Bucovina Array	7.40 32	↑P	Pn	21 07 21.9 +1.9
BURAR	Bucovina Array	7.40 32	↑P	Pn	21 07 21.1 +1.8
BURAR	Bucovina Array	7.40 32	↑P	Pn	21 07 21.7 +1.8
BUR08	Bucovina Ar. S	7.42 32	↑P	Pn	21 07 21.8 +1.6
PRMA	PARMA	7.46 299	ePn	Pn	21 07 21.1 +0.5
BIOA	Bad Ischl, Aus	7.49 328	ePn	Pn	21 07 22.0 +0.9
	comp=E, 3.7nm, 0.3s, SNR=5.3				
BIOA					21 08 45.2 -0.7
IDI	Anovia	7.50 144	Pn	Pn	21 07 20.7 -0.5
	comp=E, 4.9nm, 0.7s, baz=322, slow=12, SNR=6.6				
IDI					21 08 42.1 -4.1
IDI	Anovia	7.50 144	Pn	Pn	21 07 21.6 +0.4
JAVC	Velka Javorina	7.51 351	ePn	Pn	21 07 21.3 0.0
MANT	Manisa	7.59 110	ePn	Pn	21 07 21.6 -1.2
LESA	Schwarzleotal	7.62 323	iPn	Pn	21 07 24.7 +0.9
	comp=E, 1.6nm, 0.2s, SNR=12				
LESA					21 08 50.1 -0.7
TLCR	TLCR	7.78 58	↑P	Pn	21 07 27.8 +2.8
TLCR		7.78 58	↑P	Pn	21 07 27.7 +2.8
RJOB	Jochberg	7.87 325	ePn	Pn	21 07 28.7 +2.3
KRUC	Moravsky	7.90 345	ePn	Pn	21 07 28.5 +1.8
KRUC		7.90 345	ePn	Pn	21 08 54.7 -1.3
NIE	Niedzica	7.98 4	↑P	Pn	21 07 29.7 +1.9
	comp=E, 8.3nm, 1.4s				
BOB	Bobbio (Col)	8.03 298	P	Pn	21 07 30.7 +2.2
STHS	Stebnicka Huta	8.06 8	eP	Pn	21 07 33.6 +4.7
STHS		8.06 8	ePn	Pn	21 09 01.3
STHS	Stebnicka Huta	8.06 8	ePn	Pn	21 07 33.5 +4.7

STHS			eSn	Pn	21 09 01.3 +1.4
WTTA	Wattenberg	8.06 319	iPn	Pn	21 07 30.2 +1.2
	comp=E, 7.3nm, 0.3s, SNR=9.2				
WTTA			iSn	Pn	21 08 59.5 -0.8
VRAC	Vranov	8.10 347	Pn	Pn	21 07 30.3 +0.8
	comp=E, 0.3nm, 0.3s, baz=182, slow=22, SNR=2.1				
VRAC					21 08 59.3 -1.7
VRAC					21 10 37.1
	comp=E, 0.3nm, 0.3s, baz=89, slow=22, SNR=1.4				
VRAC					21 07 31.9 +2.4
WATA	Waldaralm	8.14 319	iPn	Pn	21 07 31.3 +1.2
	comp=E, 1.5nm, 0.6s				
VRAC	Vranov	8.10 347	ePn	Pn	21 07 31.9 +2.4
WATA	Waldaralm	8.14 319	iPn	Pn	21 09 01.0 -1.1
	comp=E, 7.1nm, 0.3s, SNR=8.2				
CKRC	Cesky Krumlov	8.21 335	ePn	Pn	21 07 32.1 +1.2
CKRC		8.21 335	ePn	Pn	21 09 01.6 -2.0
CKRC	Cesky Krumlov	8.21 335	ePn	Pn	21 07 32.1 +1.2
SQTA	Sankt Quirin	8.25 317	iPn	Pn	21 07 33.7 +2.1
	comp=E, 1.2nm, 0.2s				
FETA	Feichten	8.37 315	ePn	Pn	21 09 02.4 -2.3
	comp=E, 0.2nm, 0.2s				
FETA			eSn	Pn	21 09 07.6 -0.3
	comp=E, 0.8nm, 0.3s				
MOTA	Moosalm	8.38 317	iPn	Pn	21 07 34.7 +1.2
	comp=E, 0.3nm, 0.1s				
MOTA			iSn	Pn	21 09 06.9 -1.2
	comp=E, 3.2nm, 1.0s				
FUORN	Ofenpass-Fuorn	8.39 311	LR	Pn	21 07 34.1 +0.5
MORC	Moravsky Berou	8.43 352	ePn	Pn	21 07 33.3 -0.6
MORC		8.43 352	ePn	Pn	21 09 09.9 +0.9
GEREC	GERESS Array S	8.43 333	Pn	Pn	21 07 34.5 +0.5
GEREC					

N19K	Bonanza Creek	89.08	28	P	P	22 23 25.4 +0.2
NAX	Nakhchivan	89.08	309	P	P	22 23 26.5 +0.8
GCSA	Galen City Sc	89.11	24	P	P	22 23 25.1 +0.1
L19K	White Mountain	89.27	27	Iamb	Iamb	22 23 28.7
L19K	White Mountain	89.27	27	P	P	22 23 26.4 +0.4
KDAK	Kodiak Island	89.29	32	P	P	22 23 26.0 -0.1
F19K	Shalerucki Mo	89.39	22	P	P	22 23 26.3 0.0
P19K	Oil Pt	89.40	30	P	P	22 23 26.6 0.0
J19K	Poorman	89.42	25	Iamb	Iamb	22 23 28.3
J19K	Poorman	89.42	25	P	P	22 23 26.6 0.0
G19K	Purcell Mounta	89.45	23	Iamb	Iamb	22 23 27.6
G19K	Purcell Mounta	89.45	23	P	P	22 23 26.6 0.0
C19K	Lookout Ridge	89.48	20	P	P	22 23 27.0 +0.1
H19K	Roundabout Mou	89.52	24	Iamb	Iamb	22 23 28.0
H19K	Roundabout Mou	89.52	24	P	P	22 23 27.5 +0.6
E19K	Redstone River	89.79	22	Iamb	Iamb	22 23 29.1
E19K	Redstone River	89.79	22	P	P	22 23 28.1 -0.1
D19K	Kuna River	89.79	21	Iamb	Iamb	22 23 28.9
D19K	Kuna River	89.79	21	P	P	22 23 28.2 0.0
BELG	Belogomye	89.89	323	P	P	22 23 28.1 -0.8
BELG	Belogomye	89.89	323	eP	eP	22 23 27.9 -1.0
BELG	Belogomye	89.89	323	eP	eP	22 23 27.9 -1.0
K20K	Telida	89.92	26	Iamb	Iamb	22 23 30.1
K20K	Telida	89.92	26	P	P	22 23 28.9 0.0
M20K	Styx River	89.98	28	Iamb	Iamb	22 23 35.7
M20K	Styx River	89.98	28	P	P	22 23 29.0 -0.3
J20K	Nowinta River	90.10	25	P	P	22 23 29.6 -0.1
I20K	Naagheedneel	90.12	25	P	P	22 23 29.9 +0.1
KIROV	Kirov	90.12	329	P	P	22 23 29.0 -0.9
KIROV	Kirov	90.12	329	eP	eP	22 23 28.3 -1.6
H20K	Anotleneega Mo	90.14	24	P	P	22 23 29.9 0.0
F20K	Avaraart Lake	90.23	22	Iamb	Iamb	22 23 31.2
F20K	Avaraart Lake	90.23	22	P	P	22 23 30.2 0.0
D20K	Etiyuk River	90.38	21	Iamb	Iamb	22 23 31.7
D20K	Etiyuk River	90.38	21	P	P	22 23 30.7 -0.3
B20K	Meade River	90.58	19	P	P	22 23 31.6 -0.2
PPLA	Purkeypille	90.64	27	P	P	22 23 31.7 -0.7
BRSE	Bradley Lake S	90.65	30	P	P	22 23 31.8 -0.6
SKT	Skwentna	90.74	28	Iamb	Iamb	22 23 32.6
SKT	Skwentna	90.74	28	P	P	22 23 31.7 -1.1
CHUM	Lake Minchum	90.81	26	P	P	22 23 32.9 -0.1
GEVA	Gevas	90.84	308	P	P	22 23 34.4 +0.4
GEVA	Gevas	90.84	308	Iamb	Iamb	22 23 35.9
G21K	Alakaket	90.94	23	P	P	22 23 33.2 -0.4
SUA	Susitna One	91.00	28	Iamb	Iamb	22 23 35.3
SUA	Susitna One	91.00	28	P	P	22 23 33.5 -0.6
H21K	Melozitna Rive	91.01	24	P	P	22 23 33.6 -0.4
F21K	Alatna River	91.12	22	P	P	22 23 33.8 -0.7
C21K	Knifeflade Rid	91.14	20	P	P	22 23 34.3 -0.2
A21K	Barrow	91.16	18	P	P	22 23 34.1 -0.2
L22K	Petersville	91.20	27	Iamb	Iamb	22 23 35.2
I21K	Tanana	91.24	24	P	P	22 23 34.8 -0.2
O22K	Cooper Landing	91.29	29	P	P	22 23 34.5 -0.8
KTH	Kantishna Hill	91.34	26	Iamb	Iamb	22 23 35.6
SEW	Seward	91.36	30	P	P	22 23 34.9 -0.7
RC01	Rabbit Creek A	91.40	29	Iamb	Iamb	22 23 36.4
RC01	Rabbit Creek A	91.40	29	P	P	22 23 35.2 -0.6
BPAW	Bear Paw Mtn.	91.43	26	P	P	22 23 35.5 -0.4
A22K	Sinclair Lake	91.57	19	P	P	22 23 36.3 0.0
TRF	Thorofare Moun	91.60	26	P	P	22 23 35.7 -1.2
H22K	Hshkitaliina Cre	91.64	24	P	P	22 23 36.8 -0.1
KMB0	Kilima Mibogo	91.66	269	eP	eP	22 23 36.2 -2.2
KBZ	Khabaz	91.67	314	P	P	22 23 36.9 -0.5
GURO	Guroymak-BITLI	91.67	308	P	P	22 23 38.6 +0.8
GURO	Guroymak-BITLI	91.67	308	Iamb	Iamb	22 23 39.9
MLY	Manley	91.72	25	Iamb	Iamb	22 23 38.5
MLY	Manley	91.72	25	P	P	22 23 36.7 -0.6
PMR	Palmer	91.78	28	P	P	22 23 37.3 -0.3
D22K	Aiykyak River	91.81	21	P	P	22 23 37.3 -0.3
D22K	Aiykyak River	91.81	21	Iamb	Iamb	22 24 44.2
D22K	Aiykyak River	91.81	21	P	P	22 23 37.4 -0.1
B22K	Teshpekuk Lake	91.90	19	P	P	22 23 37.7 -0.2
KNK	Knik Glacier	92.07	28	Iamb	Iamb	22 23 40.1
KNK	Knik Glacier	92.07	28	P	P	22 23 38.4 -0.5
SML	Sawmill	92.19	28	P	P	22 23 38.9 -0.6
MCK	McKinley	92.25	26	Iamb	Iamb	22 23 39.5
MCK	McKinley	92.25	26	P	P	22 23 38.6 -1.1
WAT1	Susitna Watana	92.26	27	P	P	22 23 38.9 -0.9
I23K	Minto, Yukon-K	92.32	25	P	P	22 23 39.6 -0.4
G23K	Bananza Creek	92.34	23	Iamb	Iamb	22 23 41.1
G23K	Bananza Creek	92.34	23	P	P	22 23 40.1 0.0
NEA2	Nenana	92.34	25	P	P	22 23 40.0 -0.1
COLD	Coldfoot	92.37	23	P	P	22 23 39.9 -0.3
COLD	Coldfoot	92.37	23	Iamb	Iamb	22 23 41.1
COLD	Coldfoot	92.37	23	P	P	22 23 40.2 0.0
M23K	Glacier View	92.47	28	P	P	22 23 40.3 -0.5

MARD	Mardin	92.52	307	P	P	22 23 40.8 -0.9
MARD	Mardin	92.52	307	Iamb	Iamb	22 24 03.9
D23K	Nanushuk River	92.53	21	Iamb	Iamb	22 23 42.3
D23K	Nanushuk River	92.53	21	P	P	22 23 41.1 +0.2
NVL	N'azarevskaya	92.56	197	eP	eP	22 23 54.3 +1.3
NVL	N'azarevskaya	92.56	197	P	P	22 23 54.3 +1.3
WAT6	Susitna Watana	92.59	27	P	P	22 23 40.9 -0.6
GLI	Glacier Island	92.64	29	P	P	22 23 41.5 -0.1
SCM	Sheep Creek Mo	92.67	28	Iamb	Iamb	22 23 42.9
SCM	Sheep Creek Mo	92.67	28	P	P	22 23 41.4 -0.4
WRH	Wood River Hill	92.74	25	Iamb	Iamb	22 23 41.6
E23K	Chandalar	92.74	22	Iamb	Iamb	22 23 43.0
E23K	Chandalar	92.74	22	P	P	22 23 42.2 +0.2
DHY	Denali Highway	92.83	27	P	P	22 23 42.0 -0.6
DHY	Denali Highway	92.83	27	P	P	22 23 42.2 -0.4
TOLK	Toolik Lake Re	92.87	21	P	P	22 23 41.9 -0.6
TOLK	Toolik Lake Re	92.87	21	Iamb	Iamb	22 23 43.4
TOLK	Toolik Lake Re	92.87	21	P	P	22 23 42.5 0.0
CCB	Clear Creek Bu	92.89	25	Iamb	Iamb	22 23 42.0
COLA	College	92.90	25	P	P	22 23 42.3 -0.3
COLA	College	92.90	25	eP	eP	22 23 41.3 -1.3
COLA	College	92.90	25	P	P	22 23 42.5 -0.2
H24K	Noodor Dome	93.04	24	P	P	22 23 43.1 -0.2
H24K	Noodor Dome	93.04	24	Iamb	Iamb	22 23 44.2
H24K	Noodor Dome	93.04	24	P	P	22 23 43.2 -0.2
POKR	Poker Plat Res	93.12	25	P	P	22 23 43.2 -0.5
E24K	Your Creek	93.17	22	P	P	22 23 43.4 -0.5
HDA	Harding Lake	93.22	26	Iamb	Iamb	22 23 43.8
HDA	Harding Lake	93.22	26	P	P	22 23 43.4 -0.7
D24K	Happy Valley	93.22	21	Iamb	Iamb	22 23 45.2
D24K	Happy Valley	93.22	21	P	P	22 23 44.1 +0.1
M24K	Tolsona, Glenn	93.25	28	P	P	22 23 44.0 -0.4
M24K	Tolsona, Glenn	93.25	28	P	P	22 23 44.6 +0.2
KLU	Klutina	93.28	29	P	P	22 23 44.6 0.0
IL31	Ilar	93.30	25	Iamb	Iamb	22 23 43.4
ILAR	Ilar	93.30	25	P	P	22 23 42.5 -2.0
ILAR	Ilar	93.30	25	P	P	22 23 42.0 -2.5
ILAR	Ilar	93.30	25	Iamb	Iamb	22 23 44.5 -0.3
G24K	Hadweenciz Riv	93.34	23	P	P	22 23 44.0 -0.6
G24K	Hadweenciz Riv	93.34	23	Iamb	Iamb	22 23 45.7
G24K	Hadweenciz Riv	93.34	23	P	P	22 23 44.6 0.0
C24K	Franklin Bluff	93.36	20	P	P	22 23 44.3 -0.3
C24K	Franklin Bluff	93.36	20	Iamb	Iamb	22 23 45.4
C24K	Franklin Bluff	93.36	20	P	P	22 23 44.5 -0.2
K24K	Donnelly Dome	93.64	26	P	P	22 23 45.6 -0.6
K24K	Donnelly Dome	93.64	26	P	P	22 23 45.9 -0.3
PAX	Paxson	93.68	27	P	P	22 23 45.8 -0.6
PAX	Paxson	93.68	27	P	P	22 23 45.8 -0.6
PAX	Paxson	93.68	27	P	P	22 23 45.9 -0.5
HARP	HAARP	93.75	28	P	P	22 23 46.5 -0.2
KAIM	Kayak Island	93.83	30	P	P	22 23 46.9 -0.2
BMRM	Bremner River	93.85	29	P	P	22 23 46.8 -0.3
BMRM	Bremner River	93.85	29	P	P	22 23 46.9 -0.3
J25K	Salcha River,	93.92	26	Iamb	Iamb	22 23 47.2
J25K	Salcha River,	93.92	26	P	P	22 23 46.2 -1.3
N25K	Chitina, Valde	93.93	29	P	P	22 23 47.2 -0.4
PRP	Porcupine Dome	93.96	25	P	P	22 23 46.9 -0.8
RIDG	Independent Ri	94.05	26	P	P	22 23 47.2 -0.9
RIDG	Independent Ri	94.05	26	P	P	22 23 47.4 -0.6
F25K	Christian River	94.17	23	P	P	22 23 48.7 +0.2
FYU	Fort Yukon	94.20	24	P	P	22 23 48.6 0.0
E25K	Arctic Village	94.25	22	Iamb	Iamb	22 23 48.4 -0.5
E25K	Arctic Village	94.25	22	P	P	22 23 50.1
E25K	Arctic Village	94.25	22	P	P	22 23 49.1 +0.2
GLB	Gilahina Butte	94.29	29	P	P	22 23 48.8 -0.4
GLB	Gilahina Butte	94.29	29	Iamb	Iamb	22 23 49.8
DOT	Dot Lake	94.39	27	P	P	22 23 48.4 -1.2
VRDI	Red Repeater	94.44	29	P	P	22 23 48.5 -1.4
SCRK	Sand Creek	94.45	26	P	P	22 23 49.3 -0.7
SCRK	Sand Creek	94.45	26	P	P	22 23 49.7 -0.3
MENT	Mentasta	94.47	27	P	P	22 23 49.2 -0.7
MENT	Mentasta	94.47	27	Iamb	Iamb	22 23 50.6
BMAR	Burnt Mountain	94.55	23	P	P	22 23 50.8 +0.5
CRQE	Cirque	94.57	29	P	P	22 23 50.3 -0.3
L26K	Log Cabin Wild	94.65	27	Iamb	Iamb	22 23 51.6
L26K	Log Cabin Wild	94.65	27	P	P	22 23 50.8 0.0
MCARA	McCarthy VSAT	94.66	29	P	P	22 23 50.4 -0.4
J26L	Joseph Creek	94.69	26	P	P	22 23 50.1 -0.9
J26L	Joseph Creek	94.69	26	P	P	22 23 50.7 -0.3
F26K	Sheenjek River	94.75	22	P	P	22 23 50.7 -0.5
F26K	Sheenjek River	94.75	22	Iamb	Iamb	22 23 52.4
M26K	Nabesna, AK	94.76	28	P	P	22 23 51.4 +0.1
M26K	Nabesna, AK	94.76	28	Iamb	Iamb	22 24 03.7
M26K	Nabesna, AK	94.76	28	P	P	22 23 51.5 +0.2
G26K	Porcupine Rive	94.82	23	P	P	22 23 51.6 +0.2
G26K	Porcupine Rive	94.82	23	Iamb	Iamb	22 23 52.8
G26K	Porcupine Rive	94.82	23	P	P	22 23 51.9 +0.6
ISLE	Juniper Island	94.93	30	P	P	22 23 51.9 -0.4
C27K	Jago River	95.08	21	P	P	22 23 51.6 -1.0
C27K	Jago River	95.08	21	Iamb	Iamb	22 23 53.5
C27K	Jago River	95.08	21	P	P	22 23 52.7 +0.1
M27K	Edge Creek, AK	95.27	28	P	P	22 23 53.6 -0.2
M27K	Edge Creek, AK	95.27	28	P	P	22 23 53.7 0.0
L27K	Beaver Creek,	95.34	27	P	P	22 23 53.6 -0.3
L27K	Beaver Creek,	95.34	27	P	P	22 23 54.4 +0.4
BCAR	Beaver Creek A	95.36	27	P	P	22 23 53.8 -0.3

KLMR	Klimovskoe	95.39	331	eP	P	22 23 52.1 -2.0
KLMR	Klimovskoe	95.39				

Table with columns: Code, Station Name, Az, El, Phase ID, Time, h, m, s, ISC. Includes stations like TASM, SDCO, FRNY, PV02, etc.

Station information and metadata for GII 31 23:32:38.1±0.0, 39°23'N, 0°02:40.46E, I0:001, h0km, Mw5.0, confirmed. Includes AFAD, ISK, IDC, MED_RC, MCSM, NEIC, CFUSG, and ISC details.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, h, m, s, ISC. Includes stations like SVRC, ELZ, MDNT, KOVA, etc.

Main table with columns: Code, Station Name, Az, El, Phase ID, Time, h, m, s, ISC. Includes stations like ILIC, ERZN, BNGB, UZUM, etc.

Main table with columns: Code, Station Name, Az, El, Phase ID, Time, h, m, s, ISC. Includes stations like LABC, MIMC, UMAOB, MMAI, etc.

31d 23h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like BURAR, AKKOS, AKBB, etc.

2020 JAN

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like BANOM, IGN, SUW, etc.

2366

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like KHC, KHC, KHC, etc.

2020/01/31 23:43:03, This location: 2020/02/01 00:26:04
ML Amplitudes are expressed in micrometers. All
distances are expressed in degrees Latitude uncertainty: 7
km; Longitude uncertainty: 5 km
THE 31 23:41:37.9,35°N,4°E,8E±,h0km,6km,M3.0/10,
MLh3.0/10
Gll 31 23:41:38.5,0.0,34°905N,0°003:27.924E,0°001,h0km,
Mws3.1,confirmed
ISC 31 23:41:38.5,1.3,35.04N,0°03:27.94E,0.03,h5km,9km,
n90,r154/128,mb3.35,Dodecanese Islands

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Lists various stations like KARP, KSS1, ARG, ZKR, etc. with their respective coordinates and seismic data.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Lists stations like EIL, KBZ, GERES, ESDC, AKTO, etc. with their respective coordinates and seismic data.

NEIC 31 23:42:25.1±1.1, 19°08N,0°03:67.81W,0°04,h10km,1km,
ML3.0/31,Md3.2/7(RSPR), Error ellipse: s-maj=6.8km
s-min=3.4km az=297.0
OSPL 31 23:42:27.8,0.7, 19°10N,67°65W,h3km,4km,ML2.5,
Presumed earthquake
SDD 31 23:42:28.5,2.5, 19°10N,67°61W,h6km,263km,MD3.7,
ML2.8,MW2.9, Presumed earthquake
RSPR 31 23:42:29.9, 18°90N,67°82W,h10km,31km,MD3.2/7
ISC 31 23:42:29.9, 1.2, 18°95N,0°06:67.64W,0.03,h16km,9km,
n38,r0580/64,16C-4D, Mona Passage

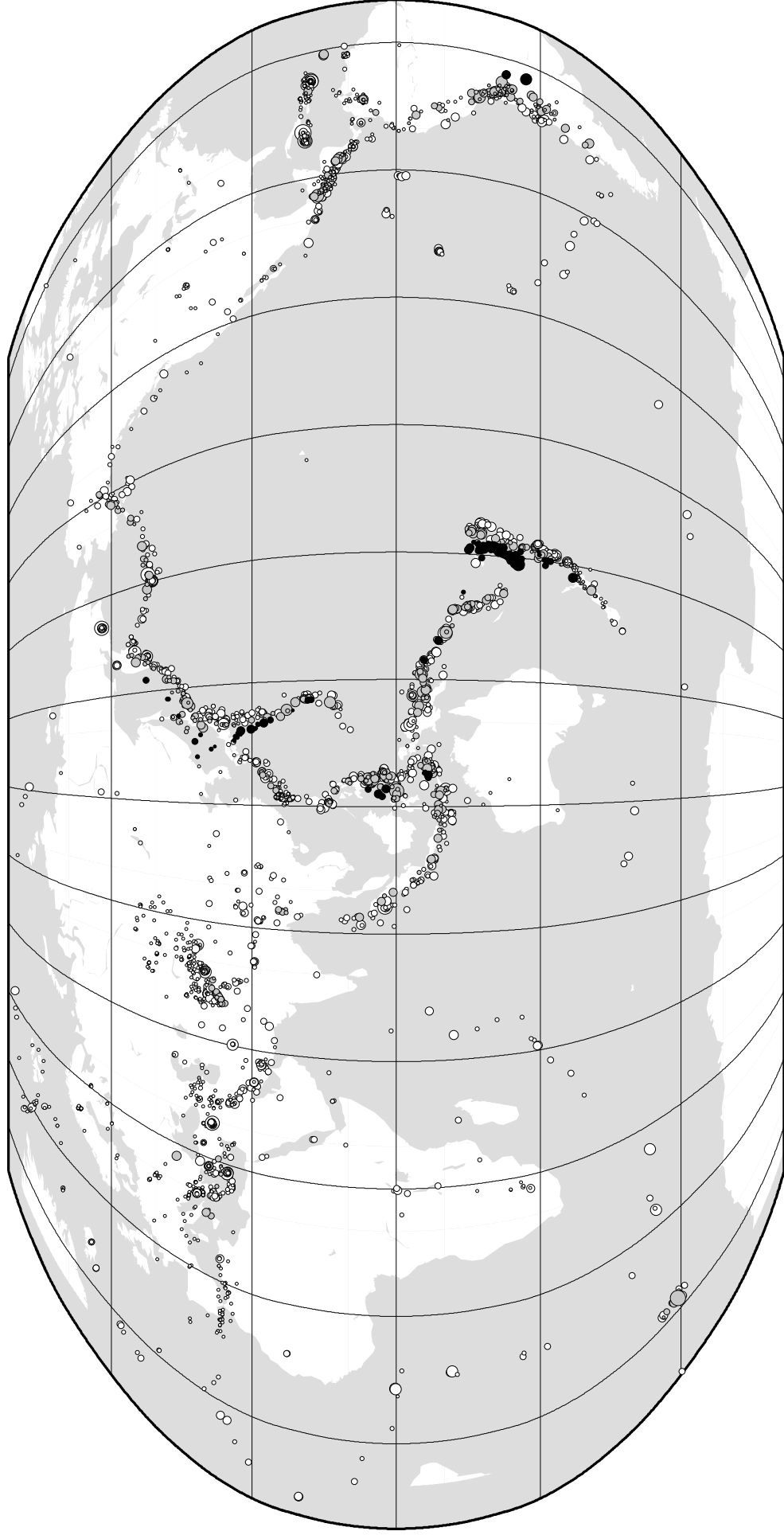
Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Lists stations like IDE, AGPR, AGPR, CRPR, etc. with their respective coordinates and seismic data.

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Lists stations like LCCY, CBCY, CBCY, etc. with their respective coordinates and seismic data.

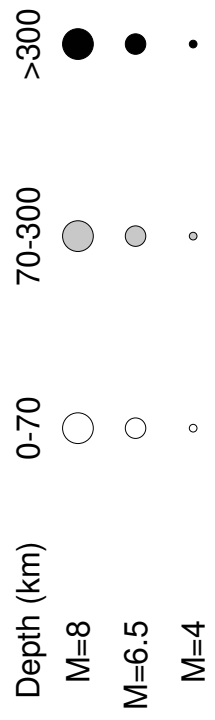
IDC 01 00:00:00.0±1.3, 2°89S,129°59E,h0km,mb3.7/3,
mbtmp3.7/5,ML3.7/2, Error ellipse: s-maj=35.3km
s-min=22.4km az=90.0, Seram

Table with columns: Code, Station Name, Δ° AZ°, Phase ID, Time, Res, ISC. Lists stations like SIJI, WRA, ASAR, MKAR, etc. with their respective coordinates and seismic data.

ISC Computed Locations for January 2020



Robinson Projection, centred on 0°N,130°E



4533 Events